



Lam Geotechnics Limited

Contract No. HK/2015/01
Wan Chai Development Phase II and Central Wanchai Bypass
- Sampling, Field Measurement and Testing Works (Stage 3)
Monthly EM&A Report (February 2017)

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-364/2009/E,
FURTHER ENVIRONMENTAL PERMIT NOS. FEP-01/364/2009,
FEP-02/364/2009, FEP-05/364/2009/A, FEP-06/364/2009/A, FEP-
07/364/2009/D, FEP-09/364/2009/B, FEP-10/364/2009/B AND
FEP-11/364/2009/E, FEP-12/364/2009/D

MONTHLY ENVIRONMENTAL MONITORING & AUDIT REPORT

- FEBRUARY 2017 -

CLIENTS:

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Department

and

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DATE:

11 March 2017

Ref.: AACWBIECEM00_0_9156L.17

13 March 2017

AECOM Asia Company Limited
11/F Tower 2 Grand Central Plaza
138 Shatin Rural Committee Road
Shatin New Territories
Hong Kong

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 (February 2017)
for EP-364/2009/E, FEP-01/364/2009, FEP-02/364/2009, FEP-
05/364/2009/A, FEP-06/364/2009/A, FEP-07/364/2009/D, FEP-
09/364/2009/B, FEP-10/364/2009/B, FEP-11/364/2009/E & FEP-
12/364/2009/D**

Reference is made to the Environmental Team's submission of the captioned Monthly Environmental Monitoring and Audit (EM&A) Report for February 2017 received by e-mail on 11 March 2017 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 Permits.

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.	HyD	Attn: Mr. Eddy Wu	by fax: 2714 5289
	CEDD	Attn: Mr. Stephen Lo	by fax: 2577 5040
	Lam	Attn: Mr. Raymond Dai	by fax: 2882 3331
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EXECUTIVE SUMMARY

- i. This is the Environmental Monitoring and Audit (EM&A) Monthly Report – [February 2017](#) specific for Environmental Permit no. EP-364/2009/E, Further Environmental Permit nos. FEP-01/364/2009, FEP-02-364/2009, FEP-05/364/2009/A, FEP-06/364/2009/A FEP-07/364/2009/D, FEP-09/364/2009/D, FEP-10/364/2009/B, FEP-11/364/2009/E and FEP-12/364/2009/D. 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 [27 January 2017 to 26 February 2017](#).
- ii. The implementation of the Environmental Monitoring and Audit Programme for the Wan Chai Development phase II and Central-Wan Chai Bypass Project has been taken over by the Lam Geotechnics Limited (LGL) under Contract HK/2015/01 – Wan Chai Development Phase II and Central Wanchai Bypass – Sampling, Field Measurement and Testing Works (Stage 3) from 27 December 2015 in continuation of the previous Environmental Team employed under Contact HK/2011/07 – Wan Chai Development Phase II and Central Wanchai Bypass – Sampling, Field Measurement and Testing Works (Stage 2).

- iii. In the reporting month, the principal work activities of individual contracts are included as follows:

Contract no. HY/2009/18 - Central - Wan Chai Bypass (CWB) - Central Interchange under FEP-05/364/2009/A

- [Drainage works](#)
- [Road works](#)
- [Landscaping works](#)
- [Modification and Construction of Sign Gantries / Traffic Signs](#)
- [Maintenance works](#)

Contract no. HK/2009/01 - Wan Chai Development Phase II - Central - Wan Chai Bypass at Hong Kong Convention and Exhibition Centre - Tunnel Works under FEP-02/364/2009

- [Reinstatement of amenity area](#)
- [Road and Drain works](#)

Contract no. HK/2009/02 - Wan Chai Development Phase II - Central - Wan Chai Bypass at Wan Chai East (CWB Tunnel) under FEP-01/364/2009

- [Rectification works for cross road ducts](#)
- [Rectification works for cracks/joints with water leakage inside OHVD cells.](#)
- [Removal works for ELS S2](#)
- [Removal works for ELS S1](#)
- [Demolition works for HHR flyover abutment](#)
- [Backfilling of sorted public fill](#)
- [Temporary wall for construction of Hung Hing Road Flyover](#)
- [Delivery of precast concrete seawall block](#)

- Rectification works against water leakage and remedial works against concrete defects of the tunnel structure
- Concreting mass concrete underneath HHR flyover
- Breakthrough of bulkhead wall BW1
- Waterproofing laying work
- Concreting for base slab
- Removal of ELS layer S2 & S3
- Tunnel wall structure
- Remedial works for marine deposit at Portion 1&2
- Demolition of sub-structure for Ex-WSD Salt Water Pumping Station
- Demolition of remaining seawall coping up to edge of the existing temporary covered walkway
- Relocation of the temporary pillar box for temporary site office.

Contract no. HY/2009/15 - Central-Wanchai Bypass – Tunnel (Causeway Bay Typhoon Shelter Section) under FEP-06/364/2009/A

- Remedial works inside tunnel structure at Mined Tunnel, TS4, TPCWAE and TPCWAW
- Reinstatement of drainage pipes and manhole at TPCWAE

Contract no. HY/2009/19 - Central - Wanchai Bypass Tunnel (North Point Section) and Island Eastern Corridor Link under FEP-07/364/2009/D

- Approach ramp sheet piling, pre-bored piling and top soil removal works
- Hing Fat Street modification works
- Bridge Demolition / Construction
- Hotel Carpark Reinstatement
- Bridge E noise barrier installation
- IEC noise enclosure/barrier installation

Contract no. HK/2012/08 – Wan Chai Development Phase II – Central- Wan Chai Bypass at Wan Chai West under FEP-12/364/2009/D

- Grouting
- Construction of MVB and CWB Tunnel and Slip Road 1
- Construction of concrete plug
- Excavation and lateral support installation for CWB tunnel, Slip Road 1, Plant Room and Exhaust Duct
- Bulkhead removal
- Back-filling at CWB tunnel

Contract no. HY/2010/08 –Central - Wan Chai Bypass (CWB) –Tunnel (Slip Road 8) under FEP-10/364/2009/B

- Tree protection works next to existing BGO,
- Drainage improvement works,
- Excavation and Lateral Support for U-structure,
- Utility diversion works,
- Retaining wall works
- ELS works,
- Construction works for subway extension

Contract no. HY/2011/08 –Central - Wan Chai Bypass (CWB) –Tunnel Buildings, Systems and Fittings, and Works Associated with Tunnel Commissioning under FEP-11/364/2009/E

- Construction of Ventilation Buildings, inclusive of Administration Building, East Ventilation Shaft/Building, West Ventilation Building
- Construction of Tunnel Thermal Barrier
- Installation of Electricals and Mechanicals
- Installation of Tunnel Features

Noise Monitoring

- iv. Noise monitoring during daytime was conducted at M1a - Harbour Road Sports Center; M2b - Noon-day gun area; M3a - Tung Lo Wan Fire Station; M4b - Victoria Center; M5b - City Garden, M6 - HK Baptist Church Henrietta Secondary School, M7e and M7w - International Financial Centre East Podium and International Finance Centre West Podium and M8 - City Hall on weekly basis in the reporting month.
- v. Three limit level exceedances were recorded at M6 - HK Baptist Church Henrietta School on 07, 13 and 21 February 2017 in the reporting month. The exceedance was concluded as non-Project related.
- vi. 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.
- vii. 24-hour real time noise monitoring was conducted at RTN1 - FEHD Hong Kong Transport Section Whitfield Depot for construction activities at IEC bridge deck. No limit level exceedance was recorded in the reporting month.
- viii. 24-hour real time noise monitoring was conducted at RTN2a - Hong Kong Electric Centre. No project related exceedance was recorded in the reporting month.
- ix. 24-hour real time noise monitoring was conducted at RTN3 - Yu Lee Mo Fan Memorial School. No limit level exceedance was recorded in the reporting month.
- x. 24-hour real time noise monitoring was conducted at RTN4 - Causeway Bay Community Centre. No limit level exceedance was recorded in the reporting month.

Air Quality Monitoring

- xi. 1-hour and 24-hour Total Suspended Particulates (TSP) monitoring were conducted at CMA1b - Oil Street Site Office; CMA2a - Causeway Bay Community Center; CMA3a - CWB PRE Site Office Area; CMA4a - Society for the Prevention of Cruelty to Animals; CMA5b - Pedestrian Plaza; MA1e and MA1w - International Finance Centre eastern and western podium on every six days basis.
- xii. With respect to the proposed demolition of eastern podium of Oil Street Site Office, the respective air quality monitoring station CMA1b - Oil Street Site Office was finely adjusted from East podium of the Oil Street Site Office to the West podium of the Oil Street Site Office on 21 December 2016.
- xiii. Due to electricity interruption, the TSP monitoring in the reporting month are rescheduled as follow:-
The 24hr TSP monitoring at CMA1b were rescheduled from 01 and 13 February 2017 to 02 and 14 February 2017 respectively
The 24hr TSP monitoring at CMA3a were rescheduled from 13 February 2017 to 14 February 2017.
The 24hr TSP monitoring at MA1w were rescheduled from 18 February 2017 to 20 February 2017.
- xiv. One 1hr TSP action level exceedance was recorded at CMA5b- Pedestrian Plaza on 02 February 2017 in the reporting month. The exceedance was concluded to be non-Project related.

- xv. One 24hr TSP action level exceedances were recorded at CMA5b – Pedestrian Plaza on 18 February 2017 in the reporting month. The exceedance was concluded to be non-Project related.

Complaints, Notifications of Summons and Successful Prosecutions

- xvi. Two environmental complaints were received in the reporting month.
- xvii. First ICC public complaint referred by RSS was received by ET on 24 February 2017 (Case Ref.: H08/RS/00001175-17). The complainant reported that noise was emanated from the construction site near Victoria Park Swimming Pool between 2300hrs to 2400hrs in the past months and caused nuisance. ET confirmed with the Resident Site Staff that no works was conducted under Contract HY/2010/08 near Victoria Park Swimming Pool (Hing Fat Street) during the restricted hours (from 1900hrs to 0700hrs on the following day) from 21 December 2016 to 20 February 2017.

No works was conducted under Contract HY/2010/08 near Victoria Park Swimming Pool (Hing Fat Street) during the restricted hours (from 1900hrs to 0700hrs on the following day) from 21 December 2016 to 20 February 2017.

Nevertheless, in view of the public concern, the Contractor of HY/2010/08 was reminded to maintain the site control system for construction works carried out during restricted hours to ensure the PMEs deployed are in compliance with relevant Construction Noise Permit. The Contractor of HY/2010/08 was also reminded to maintain regular maintenance of the plant and equipment deployed to avoid potential nuisance to the nearby public

- xviii. Second ICC complaint referred by RSS was received by ET on 24 February 2017 (CASE#2-3515474831). The complainant reported that noise was emanated from the construction site near Victoria Park Swimming Pool and Causeway Bay Typhoon Shelter between 1900hrs to 2400hrs in the past months and caused nuisance.

ET confirmed with the Resident Site Staff that concreting of tunnel structure at Temporary Reclamation Area TS3 were conducted under Contract HY/2010/08 between 1900hrs and 2300hrs on 13, 14, 15, 16 and 18 February 2017. Total 3 nos. of concrete pump and 6 nos. of concrete lorry mixers were operated. Concreting of tunnel structure at Temporary Reclamation Area TS3 were conducted under Contract HY/2010/08 between 1900hrs and 2100hrs on 21 February 2017. Total 3 nos. of concrete pump and 6 nos. of concrete lorry mixers were operated. Concreting of tunnel structure at Zone C was conducted under Contract HY/2010/08 between 1900hrs to 2300hrs on 17 and 20 February 2017. Total 1 no. of concrete pump and 2 nos. of concrete mixers were operated. Bar bending at Zone C was conducted under Contract HY/2010/08 between 1900hrs to 2300hrs on 13, 14, 15, 16, 18 and 19 February 2017. Total 1 no. bar bender and cutter was operated. No works was conducted under Contract HY/2010/08 near Victoria Park Swimming Pool (Hing Fat Street) during the restricted hours (from 1900hrs to 0700hrs on the following day) across the period from 13 February 2017 to 21 February 2017.

Based on the site records confirmed by RSS, no works was conducted under Contract HY/2010/08 near Victoria Park Swimming Pool (Hing Fat Street) during the restricted hours (from 1900hrs to 0700hrs on the following day) from 13 February 2017 to 20 February 2017. Concreting of tunnel structure at Temporary Reclamation Area TS3 was conducted under Contract HY/2010/08 between 1900hrs and 2300hrs on 13, 14, 15, 16 and 18 February 2017 and total 3 nos. of concrete pumps and 6 nos. of concrete lorry mixers were operated. Concreting of tunnel structure at Temporary Reclamation Area TS3 were conducted under Contract HY/2010/08 between 1900hrs and 2100hrs on 21 February 2017 and total 3 nos. of concrete pump and 6 nos. of concrete lorry mixers were operated. Relevant Construction Noise Permit GW-RS0029-17 was in place while it is considered that there is no sufficient information to indicate whether the Powered Mechanical Equipment were deployed at the designed location stipulated under the relevant Construction Noise Permit with noise mitigation measures required.

Concreting of tunnel structure at Zone C was conducted under Contract HY/2010/08 between 1900hrs to 2300hrs on 17 and 20 February 2017. Total 1 no. of concrete pump and 2 nos. concrete mixers were operated. Bar bending at Zone C was conducted under Contract HY/2010/08 between 1900hrs to 2300hrs on 13, 14, 15, 16, 18 and 19 February 2017 and total 1 no. bar bender and cutter was operated. Relevant Construction Noise Permit GW-RS1366-13 was in place while it is considered that there is no sufficient information to indicate whether the Powered Mechanical Equipment were deployed at the designed location stipulated under the relevant Construction Noise Permit with noise mitigation measures required.

Nevertheless, further to the joint ad-hoc inspection conducted by the ET/IEC on 13 February 2017 during restricted hours (between 1900hrs to 2200hrs), concurrent operations of 4 nos. of concrete lorry trucks at the Southern Side of TS3 near Construction Site Entrance and concurrent operations of 2 nos. of concrete lorry pumps and 2 nos. of concrete lorry truck at Western and Northern Side of TS3 were observed while the temporary noise barrier provided for the concrete lorry pump and concrete lorry truck at the Northern Side of TS3 could not screen entirely the concrete lorry truck and concrete lorry pump (Located at Northern Side of TS3) from nearby sensitive receivers. Therefore, it is considered that the above operations observed could not follow the PME grouping requirement and the specific condition 3.d.4 under the relevant Construction Noise Permit.

In view of the above, the Contractor of HY/2010/08 was advised to enhance the site supervision and strictly implement the site control system for construction works carried out during restricted hours to ensure the PMEs deployed strictly comply with relevant Construction Noise Permit. The Contractor of HY/2010/08 was also reminded to maintain regular maintenance of the plant and equipment deployed to avoid potential nuisance to the nearby public.

Site Inspections and Audit

- i. The Environmental Team (ET) conducted weekly site inspections for Contract no. HY/2009/15, HY/2009/18, HY/2009/19, HY/2010/08, HK/2009/01, HK/2009/02, HK/2012/08 and HY/2011/08 in this reporting period.
- ii. Construction of bored pile E3B under HY/2009/17 was confirmed completed and the respective work area under FEP-03/364/2009 was handover and inspected under HY/2009/19 from 19 Dec 2012 onwards.
- iii. Construction works under HK/2010/06 was confirmed completed and the respective work area under FEP-08/364/2009/A was handover and inspected under HK/2012/08 from 22 Sep 2014 onwards.
- iv. The Contractors rectified major observations and recommendations made during the audit sessions. No non-conformance was identified during the site inspections.

Future Key Issues

- v. In the coming reporting month, the principal work activities of individual contracts are anticipated as follows:

Contract no. HY/2009/18 – Central – Wan Chai Bypass (CWB) – Central Interchange under FEP-05/364/2009/A

- Drainage works
- Road works
- Landscaping works
- Maintenance works

Contract no. HK/2009/01 – Wan Chai Development Phase II – Central – Wan Chai Bypass at Hong Kong Convention and Exhibition Centre – Tunnel Works under FEP-02/364/2009

- Reinstatement of amenity area
- Road and Drain works

Contract no. HK/2009/02 – Wan Chai Development Phase II – Central – Wan Chai Bypass at Wan Chai East (CWB Tunnel) under FEP-01/364/2009

- Rectification works for cross road ducts
- Rectification works for cracks/joints with water leakage inside OHVD cells
- Rectification works for out of tolerance cross passage CP22
- Removal works for ELS S1 layer.
- Concreting of mass concrete underneath HHR flyover.
- Tunnel backfilling & construction of seawall foundation with Grade 400 rock fill.
- Construction of temporary wall for Hung Hing Road Flyover.
- Demolition works for HHR flyover abutment.
- Concreting blinding layer for HHR flyer.
- Rebar fixing for HHR flyover.
- Demolition of D-Wall
- Remedial works of tunnel wall, base slab and OHVD.
- General cleaning and rectification works of OHVD, tunnel base slab, carrier drain, cross road duct and manhole gully.
- Rectification works for out of tolerance cross passage CP23
- Rebar fixing and concreting of base slab and walls.
- Waterproofing membrane laying works for side walls.
- Removal works for ELS S2 & S3 layer.
- Rebar fixing and concreting of roadside barrier.
- Erect scaffolding for OHVD slab.
- Rebar fixing and concreting of OHVD slab.
- Relocation of the pillar.
- Excavation works for trial pit for the 132kV HK Electric cables.

Contract no. HY/2009/15 – Central-Wanchai Bypass – Tunnel (Causeway Bay Typhoon Shelter Section) under FEP-06/364/2009/A

- Remedial works inside tunnel structure at Mined Tunnel, TS4, TPCWAE and TPCWAW
- Reinstatement of drainage pipes and manhole at TPCWAE

Contract no. HY/2009/19 – Central – Wanchai Bypass Tunnel (North Point Section) and Island Eastern Corridor Link under FEP-07/364/2009/D

- Approach ramp sheet piling, pre-bored piling and top soil removal works
- Hing Fat Street modification works
- Bridge Demolition / Construction
- Hotel Carpark Reinstatement
- Oil Street drainage works
- Bridge E noise barrier installation
- IEC noise enclosure/barrier installation
- Excavation / Construction of retaining wall

Contract no. HK/2012/08 – Wan Chai Development Phase II – Central- Wan Chai Bypass at Wan Chai West under FEP-12/364/2009/D

- Grouting
- Construction of MVB and CWB Tunnel and Slip Road 1
- Construction of concrete plug
- Lateral support installation for CWB tunnel, Slip Road 1, Plant Room and Exhaust Duct
- Bulkhead removal
- Back-filling at CWB tunnel

Contract no. HY/2010/08 –Central - Wan Chai Bypass (CWB) –Tunnel (Slip Road 8) under FEP-10/364/2009

- Tree protection works next to existing BGO,
- Drainage improvement works,
- Excavation and Lateral Support for U-structure,
- Utility diversion works,
- Retaining wall works
- ELS works,
- Construction works for subway extension

Contract no. HY/2011/08 – Central - Wan Chai Bypass (CWB) –Tunnel Buildings, Systems and Fittings, and Works Associated with Tunnel Commissioning under FEP-11/364/2009/E

- Construction of Ventilation Buildings, inclusive of Administration Building, East Ventilation Shaft/Building, West Ventilation Building
- Construction of Tunnel Thermal Barrier
- Installation of Electricals and Mechanicals
- Installation of Tunnel Features

1 INTRODUCTION

1.1 Scope of the Report

1.1.1. Lam Geotechnics Limited (LGL) has been appointed to work as the Environmental Team (ET) under Environmental Permit no. EP-364/2009/E and Further Environmental permit nos. FEP-01/364/2009, FEP-02-364/2009, FEP-05/364/2009/A, FEP-06/364/2009/A FEP-07/364/2009/D, FEP-09/364/2009/D, FEP-10/364/2009/B, FEP-11/364/2009/E and FEP-12/364/2009/D 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-125/2008) and in the EM&A Manual of the approved EIA Report for Central-Wan Chai Bypass and Island Eastern Corridor Link (Register No. AEIAR-041/2001).

1.1.2. This report presents the environmental monitoring and auditing work carried out in accordance to the Section 10.3 of EM&A Manual and “*Environmental Monitoring and Audit Requirements*” under Particular Specification Section 27.

1.1.3. This report documents the finding of EM&A works for Environmental Permit (EP) no. EP-364/2009/E, Further Environmental Permit (FEP) nos. FEP-01/364/2009, FEP-02-364/2009, FEP-05/364/2009/A, FEP-06/364/2009/A FEP-07/364/2009/D, FEP-09/364/2009/D, FEP-10/364/2009/B, FEP-11/364/2009/E and FEP-12/364/2009/D during the period [27 January 2017 to 26 February 2017](#).

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” and “Central-Wan Chai Bypass and Island Eastern Corridor Link” (hereafter called “the Project”) are Designated Project (DP) under the Environmental Impact Assessment Ordinance (Cap. 499) (EIAO). The Environmental Impact Assessment (EIA) Reports for Central-Wan Chai Bypass and Island Eastern Corridor Link (Register No. AEIAR-041/2001) and Wan Chai Development phase II and Central-Wan Chai Bypass (Register No.: AEIAR-125/2008) have been approved on 31 August 2001 and 11 December 2008 respectively.
- 2.1.2. The key purpose of Wan Chai Development Phase II (WDII) is to provide land at Wan Chai North and North Point for construction of the Central-Wan Chai Bypass and Island Eastern Corridor Link (CWB). Land formed under the project will be developed as a world-class waterfront promenade joining that at the new Central waterfront for public enjoyment.
- 2.1.3. There is a compelling and present need for the CWB to provide relief to the very congested east-west Connaught Road Central/Harcourt Road / Gloucester Road Corridor (the Corridor) which is currently operating beyond its capacity. The CWB will provide relief to the existing congestion along the Corridor and cater for the anticipated growth of traffic on Hong Kong Island. Without the CWB and its access roads, there will not be sufficient capacity to serve the heavy traffic demands at both strategic and local levels.

2.2 Scope of the Project and Site Description

- 2.2.1. Design and Construction of Central – Wan Chai Bypass and Island Eastern Corridor Link under the Project involves the construction and operation of a trunk road and its road tunnel more than 800m in length between portals that is shown at Figure 2.1.
- 2.2.2. The study area encompasses existing developments from Central to North Point. The scope of the Central-Wanchai Bypass (CWB) and Island Eastern Corridor Link (IECL) includes:
- A dual three-lane trunk road, approximately 4.5 km in length, and tunnel approximately 3.7 km in length defined from the connection with the existing Rumsey Street Flyover in Central, through to a connection with the existing Island Eastern Corridor to the east of the Causeway Bay Typhoon Shelter (CBTS);
 - The Central Interchange near the Rumsey Street Flyover to provide road connections to the Central area;
 - Tunnel control buildings and ventilation buildings;
 - Slip roads to connect the CWB to the local road system in the Wan Chai North and Causeway Bay area;
 - Associated road lighting, road signing, traffic control and surveillance system; and
 - Other associated works.

2.2.3. The project also contains various Schedule 2 DPs 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 five individual DPs under this Project. **Figure 2.1** shows the locations of these Schedule 2 DPs.

Table 2.1 Schedule 2 Designated Projects under this Project

Item	Designated Project	EIAO Reference	Reason for inclusion
DP1	Central-Wanchai Bypass (CWB) including its road tunnel and slip roads	Schedule 2, Part I, A.1 and A.7	Trunk road and road tunnel more than 800 m in length
DP2	Road P2 and other roads which are classified as primary/district distributor roads	Schedule 2, Part I, A.1	Primary / district distributor roads
DP3	Reclamation works including associated dredging works	Schedule 2, Part I, C.1 and C.12	Reclamation more than 5 ha in size and a dredging operation less than 100 m from a seawater intake point
DP5	Wan Chai East Sewage Outfall	Schedule 2, Part I, F.5 and F.6	Submarine sewage pipelines with a total diameter more than 1,200 mm and include a submarine sewage outfall
DP6	Dredging for the Cross-harbour Water Mains from Wan Chai to Tsim Sha Tsui	Schedule 2, Part I, C.12	A dredging operation less than 100 m from a seawater intake point

2.3 Division of the Project Responsibility

2.3.1. Due to the multi-contract nature of the Project, there are a number of contracts sub-dividing the whole works area into different work areas to be commenced. Contractors of individual contracts will be required by the EP holder to apply Further Environmental Permits such that the impact monitoring stations are sub-divided accordingly to facilitate the implementation of EM&A programme and to streamline the EM&A reporting for individual FEP holders correspondingly.

2.3.2. The details of individual contracts are summarized in **Table 2.2**.

Table 2.2 Details of Individual Contracts under the Project

Contract No.	Contract Title	Associated DP(s)	Construction Commencement Date
HY/2009/17	Central – Wan Chai Bypass (CWB) at FEHD Whitfield Depot – Advanced piling works.	DP1	5 October 2010 (Completed)
HY/2009/18	Central – Wan Chai Bypass (CWB) – Central Interchange	DP1	21 April 2011
04/HY/2006	Reconstruction of Bus Terminus near Man Yiu Street and Man Kwong Street	DP1	September 2010 (Completed)
HK/2009/01	Wan Chai Development Phase II – Central – Wan Chai Bypass at Hong Kong Convention and Exhibition Centre – Tunnel Works	DP1, DP2	25 August 2011

Contract No.	Contract Title	Associated DP(s)	Construction Commencement Date
HK/2009/02	Wan Chai Development Phase II – Central – Wan Chai Bypass at Wan Chai East(CWB Tunnel)	DP1	26 April 2011
HY/2009/15	Central-Wanchai Bypass – Tunnel (Causeway Bay Typhoon Shelter Section)	DP1,DP3	13 July 2011
HY/2009/19	Central – Wanchai Bypass Tunnel (North Point Section) and Island Eastern Corridor Link	DP1	24 March 2011
HK/2010/06	Wan Chai Development Phase II- Central-Wan Chai Bypass over MTR Tsuen Wan Line	DP3	22 March 2011 (Completed)
HK/2012/08	Wan Chai Development Phase II- Central-Wan Chai Bypass at Wan Chai West	DP1,DP2, DP3	10 March 2014
HY/2010/08	Central- Wanchai Bypass Tunnel – Tunnel (Slip Road 8)	DP1, DP2, DP3	21 March 2013
HY/2011/08	Central - Wan Chai Bypass (CWB) – Tunnel Buildings, Systems and Fittings, and Works Associated with Tunnel Commissioning	DP1	8 October 2014

2.4 Project Organization and Contact Personnel

2.4.1. Civil Engineering and Development Department and Highways 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.

2.4.2. 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 2.3**:

Table 2.3 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	3912 3388	3912 3010
Chun Wo – Leader Joint Venture	Contractor under Contract no. HK/2009/01	Project Manager	Mr. Simon Liu	2162 9909	2634 1626
		Site Agent	Mr. Andy Yu	9648 4896	
		Construction Manager	Mr. Terry Wong	9757 9846	
		Construction Manager	Mr. Wyman Wong	9627 2467	

Party	Role	Post	Name	Contact No.	Contact Fax
		Construction Manager	Mr. Terry Tsang	6683 9394	
		Environmental Officer	Ms. Wendy Ng	9803 0057	
		Assistant Environmental Engineer	Ms. Connie Chan	6157 7057	
Chun Wo – CRGL Joint Venture	Contractor under Contract no. HK/2009/02	Site Agent	Mr. K.K. Yuen	3658-3002	2827 9996
		Project Manager	Mr. Paul Yu	3658 3085	
		Environmental Officer	Mr. C.P. Ho	9191 8856	
Chun Wo - CRGL - MBEC_Joint Venture	Contractor under Contract no. HY/2009/19	Project Manager	Mr. Rayland Lee	3758 8879	2570 8013
		Deputy Project Manager	Mr. William Luk	9456 9819	
		Site Agent	Mr. David Lau	3758 8879	
		Deputy Site Agent	Mr. Eric Fong	6191 9337	
		Environmental Manager / Environmental Officer	Mr. M.H. Isa	3757 8218	
		Assistant Environmental Officer	Mr. Tom Ding	3757 8217	
Leighton Contractors (Asia) Limited	Contractor under Contract no. HY/2009/18	Site Agent	Mr. Jimmy Chu	2214 7700	2140 6799
		Environmental Officer	Mr. Chris Chan	3973 1065	
		Environmental Supervisor	Ms. Christy So	3973 1065	
China State Construction Engineering (HK) Ltd.	Contractor under Contract no. HY/2009/15	Project Director	Mr. Chris Leung	3557 6393	2865 5229
		Site Manager	Mr. Y. Huo	3557 6368	2566 2192
		Contractor's Representative	Mr. Rex Chan	3557 6371	
		Environmental Officer	Mr. Andy Mak	3557 6215	
		Environmental Supervisor	Mr. Harry Wong	3557 6348	
China State-Build King JV	Contractor under Contract no. HK/2012/08	Project Director	Mr. C.N. Lai	9137 1811	2877 1522
		Project Manager	Mr. Eddie Chung	9193 8871	
		Site Agent	Mr. Keith Tse	9095 7922	
		Environmental Officer	Mr. James MA	9130 9549	
		Environmental Supervisor	Mr. Y.L. Ho	6050 4919	



Party	Role	Post	Name	Contact No.	Contact Fax
China State	Contractor under Contract no.HY/2010/08	Project Director	Chris Leung	3467 4299	2566 8061
		Site Agent	Mr. Francis Suen	3467 4277	
		Environmental Officer	Mr. Gabriel Wong	3557 6464	
		Environmental Supervisor	Mr. Desmond Ho	3557 6470	
Leighton Joint Venture	Contractor under Contract no. HY/2011/08	Site Agent	Mr. Colman Wong	2823 1410	21406799
		Environmental Officer	Mr. Malcolm Leung	3973 0850	
		Environmental Supervisor	Ms. Christy So	3973 1065	
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

2.4.3. In this reporting month, the principal work activities of individual contracts are included as follows:

Contract no. HY/2009/18 - Central - Wan Chai Bypass (CWB) - Central Interchange under FEP-05/364/2009/A

- Drainage works
- Road works
- Landscaping works
- Modification and Construction of Sign Gantries / Traffic Signs
- Maintenance works

Contract no. HK/2009/01 - Wan Chai Development Phase II - Central - Wan Chai Bypass at Hong Kong Convention and Exhibition Centre - Tunnel Works under FEP-02/364/2009

- Reinstatement of amenity area
- Road and Drain works

Contract no. HK/2009/02 - Wan Chai Development Phase II - Central - Wan Chai Bypass at Wan Chai East (CWB Tunnel) under FEP-01/364/2009

- Rectification works for cross road ducts
- Rectification works for cracks/joints with water leakage inside OHVD cells.
- Removal works for ELS S2
- Removal works for ELS S1
- Demolition works for HHR flyover abutment
- Backfilling of sorted public fill
- Temporary wall for construction of Hung Hing Road Flyover
- Delivery of precast concrete seawall block
- Rectification works against water leakage and remedial works against concrete defects of the tunnel structure
- Concreting mass concrete underneath HHR flyover
- Breakthrough of bulkhead wall BW1
- Waterproofing laying work
- Concreting for base slab
- Removal of ELS layer S2 & S3
- Tunnel wall structure
- Remedial works for marine deposit at Portion 1&2
- Demolition of sub-structure for Ex-WSD Salt Water Pumping Station
- Demolition of remaining seawall coping up to edge of the existing temporary covered walkway
- Relocation of the temporary pillar box for temporary site office.

Contract no. HY/2009/15 - Central-Wanchai Bypass – Tunnel (Causeway Bay Typhoon Shelter Section) under FEP-06/364/2009/A

- Remedial works inside tunnel structure at Mined Tunnel, TS4, TPCWAE and TPCWAW
- Reinstatement of drainage pipes and manhole at TPCWAE

Contract no. HY/2009/19 - Central - Wanchai Bypass Tunnel (North Point Section) and Island Eastern Corridor Link under FEP-07/364/2009/D

- Approach ramp sheet piling, pre-bored piling and top soil removal works
- Hing Fat Street modification works
- Bridge Demolition / Construction
- Hotel Carpark Reinstatement
- Bridge E noise barrier installation
- IEC noise enclosure/barrier installation

Contract no. HK/2012/08 – Wan Chai Development Phase II – Central- Wan Chai Bypass at Wan Chai West under FEP-12/364/2009/D

- Grouting
- Construction of MVB and CWB Tunnel and Slip Road 1
- Construction of concrete plug
- Excavation and lateral support installation for CWB tunnel, Slip Road 1, Plant Room and Exhaust Duct
- Bulkhead removal
- Back-filling at CWB tunnel

Contract no. HY/2010/08 –Central - Wan Chai Bypass (CWB) –Tunnel (Slip Road 8) under FEP-10/364/2009/B

- Tree protection works next to existing BGO,
- Drainage improvement works,
- Excavation and Lateral Support for U-structure,
- Utility diversion works,
- Retaining wall works
- ELS works,
- Construction works for subway extension

Contract no. HY/2011/08 –Central - Wan Chai Bypass (CWB) –Tunnel Buildings, Systems and Fittings, and Works Associated with Tunnel Commissioning under FEP-11/364/2009/E

- Construction of Ventilation Buildings, inclusive of Administration Building, East Ventilation Shaft/Building, West Ventilation Building
- Construction of Tunnel Thermal Barrier
- Installation of Electricals and Mechanicals
- Installation of Tunnel Features

2.4.4. In coming reporting month, the principal work activities of individual contracts are anticipated as follows:

Contract no. HY/2009/18 – Central – Wan Chai Bypass (CWB) – Central Interchange under FEP-05/364/2009/A

- Drainage works
- Road works
- Landscaping works
- Maintenance works

Contract no. HK/2009/01 – Wan Chai Development Phase II – Central – Wan Chai Bypass at Hong Kong Convention and Exhibition Centre – Tunnel Works under FEP-02/364/2009

- Reinstatement of amenity area
- Road and Drain works

Contract no. HK/2009/02 – Wan Chai Development Phase II – Central – Wan Chai Bypass at Wan Chai East (CWB Tunnel) under FEP-01/364/2009

- Rectification works for cross road ducts
- Rectification works for cracks/joints with water leakage inside OHVD cells
- Rectification works for out of tolerance cross passage CP22
- Removal works for ELS S1 layer.
- Concreting of mass concrete underneath HHR flyover.
- Tunnel backfilling & construction of seawall foundation with Grade 400 rock fill.
- Construction of temporary wall for Hung Hing Road Flyover.
- Demolition works for HHR flyover abutment.
- Concreting blinding layer for HHR flyer.
- Rebar fixing for HHR flyover.
- Demolition of D-Wall
- Remedial works of tunnel wall, base slab and OHVD.
- General cleaning and rectification works of OHVD, tunnel base slab, carrier drain, cross road duct and manhole gully.
- Rectification works for out of tolerance cross passage CP23
- Rebar fixing and concreting of base slab and walls.
- Waterproofing membrane laying works for side walls.
- Removal works for ELS S2 & S3 layer.
- Rebar fixing and concreting of roadside barrier.
- Erect scaffolding for OHVD slab.
- Rebar fixing and concreting of OHVD slab.
- Relocation of the pillar.
- Excavation works for trial pit for the 132kV HK Electric cables.

Contract no. HY/2009/15 – Central-Wanchai Bypass – Tunnel (Causeway Bay Typhoon Shelter Section) under FEP-06/364/2009/A

- Remedial works inside tunnel structure at Mined Tunnel, TS4, TPCWAE and TPCWAW
- Reinstatement of drainage pipes and manhole at TPCWAE

Contract no. HY/2009/19 – Central – Wanchai Bypass Tunnel (North Point Section) and Island Eastern Corridor Link under FEP-07/364/2009/D

- Approach ramp sheet piling, pre-bored piling and top soil removal works
- Hing Fat Street modification works
- Bridge Demolition / Construction
- Hotel Carpark Reinstatement
- Oil Street drainage works
- Bridge E noise barrier installation
- IEC noise enclosure/barrier installation
- Excavation / Construction of retaining wall

Contract no. HK/2012/08 – Wan Chai Development Phase II – Central- Wan Chai Bypass at Wan Chai West under FEP-12/364/2009/D

- Grouting
- Construction of MVB and CWB Tunnel and Slip Road 1
- Construction of concrete plug
- Lateral support installation for CWB tunnel, Slip Road 1, Plant Room and Exhaust Duct
- Bulkhead removal
- Back-filling at CWB tunnel

Contract no. HY/2010/08 –Central - Wan Chai Bypass (CWB) –Tunnel (Slip Road 8) under FEP-10/364/2009

- Tree protection works next to existing BGO,
- Drainage improvement works,
- Excavation and Lateral Support for U-structure,
- Utility diversion works,
- Retaining wall works
- ELS works,
- Construction works for subway extension

Contract no. HY/2011/08 – Central - Wan Chai Bypass (CWB) –Tunnel Buildings, Systems and Fittings, and Works Associated with Tunnel Commissioning under FEP-11/364/2009/E

- Construction of Ventilation Buildings, inclusive of Administration Building, East Ventilation Shaft/Building, West Ventilation Building
- Construction of Tunnel Thermal Barrier
- Installation of Electricals and Mechanicals
- Installation of Tunnel Features

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-356/2009	30 Jul 2009	Valid
Environmental Permit	EP-364/2009	17 Aug 2009	Superseded
Environmental Permit	EP-364/2009/A	4 Aug 2010	Superseded
Environmental Permit	EP-364/2009/B	20 Sep 2012	Superseded
Environmental Permit	EP-364/2009/C	11 Jul 2014	Superseded
Environmental Permit	EP-364/2009/D	24 Nov 2015	Superseded
Environmental Permit	EP-364/2009/E	22 Dec 2016	Valid
Environmental Permit	EP-376/2009	13 Nov 2010	Valid
Further Environmental Permit	FEP-01/356/2009	18 Feb 2010	Surrendered
Further Environmental Permit	FEP-02/356/2009	24 Mar 2010	Valid
Further Environmental Permit	FEP-03/356/2009	24 Mar 2010	Valid
Further Environmental Permit	FEP-04/356/2009	15 Nov 2010	Valid
Further Environmental Permit	FEP-05/356/2009	24 Mar 2011	Surrendered
Further Environmental Permit	FEP-06/356/2009	5 March 2013	Valid
Further Environmental Permit	FEP-07/356/2009	26 July 2013	Valid
Further Environmental Permit	FEP-01/364/2009	24 Mar 2010	Valid
Further Environmental Permit	FEP-02/364/2009	21 Apr 2010	Valid
Further Environmental Permit	FEP-03/364/2009	12 July 2010	Surrendered
Further Environmental Permit	FEP-04/364/2009/A	14 Oct 2010	Surrendered
Further Environmental Permit	FEP-05/364/2009/A	15 Nov 2010	Valid
Further Environmental Permit	FEP-06/364/2009/A	22 Nov 2010	Valid
Further Environmental Permit	FEP-07/364/2009/A	25 Feb 2011	Superseded
Further Environmental Permit	FEP-07/364/2009/D	24 Nov 2015	Valid

Further Environmental Permit	FEP-08/364/2009/A	15 June 2012	Surrendered
Further Environmental Permit	FEP-09/364/2009/B	5 March 2013	Valid
Further Environmental Permit	FEP-10/364/2009/B	26 July 2013	Valid
Further Environmental Permit	FEP-11/364/2009/B	2 May 2014	Superseded
Further Environmental Permit	FEP-11/364/2009/E	22 Dec 2016	Valid
Further Environmental Permit	FEP-12/364/2009/D	01 Aug 2016	Valid

- 3.1.2. Due to the multi-contract nature of the Project, the status of permits and/or licences under the individual contract(s) are presented as below:

Contract no. HY/2009/17 – Central – Wan Chai Bypass (CWB) at FEHD Whitfield Depot – Advanced piling works under FEP-03/364/2009

- 3.1.3. The construction works was completed and the FEP-03/364/2009 was surrendered by the Contractor on 28 March 2013.

Contract no. 04/HY/2006 – Reconstruction of Bus Terminus near Man Yiu Street and Man Kwong Street under FEP-04/364/2009/A

- 3.1.4. The construction works was completed, and the FEP-04/HY/2006 was surrendered by the Contractor on 11 February 2011.

Contract no. HK/2010/06 - Wan Chai Development Phase II - Central - Wan Chai Bypass over MTR Tsuen Wan Line under FEP-08/364/2009/A

- 3.1.5. The construction works was completed, and the FEP-08/364/2009/A was surrendered by the Contractor on 3 October 2014.

Contract no. HK/2009/01 – Wan Chai Development Phase II – Central – Wan Chai Bypass at Hong Kong Convention and Exhibition Centre – Tunnel Works under FEP-02/364/2009

- 3.1.6. Summary of the current status on licences and/or permits on environmental protection pertinent and submission under FEP-02/364/2009 for contract no. HK/2009/01 are shown in **Table 3.2** and **Table 3.3**.

Table 3.2 Cumulative Summary of Valid Licences and Permits under Contract no. HK/2009/01

Permits and/or Licences	Reference No.	Issued Date	Valid Period/ Expiry Date	Status
Further Environmental Permit	FEP-02/356/2009	24 Mar 2010	N/A	Valid
	FEP-02/364/2009	21 Apr 2010	N/A	Valid
Notification of Works Under APCO	313088	06 Jan 2010	N/A	Valid
Construction Noise Permit (CNP) for non-pilling equipment	GW-RS0822-16	28 Jul 2016	7 Aug 2016 to 31 Jan 2017	Cancelled
	GW-RS1004-16	28 Sep 2016	29 Sep 2016 to 27 Mar 2017	Valid
	GW-RS1079-16	27 Oct 2016	27 Oct 2016 to 20 Apr 2017	Valid
	GW-RS1241-16	12 Dec 2016	15 Dec 2016 to 06 Jun 2017	Valid
	GW-RS1240-16	12 Dec 2016	13 Dec 2016 to 06 Jun 2017	Valid
	GW-RS1233-16	12 Dec 2016	14 Dec 2016 to 06 Jun 2017	Valid
	GW-RS1234-16	12 Dec 2016	20 Dec 2016 to 19 Jun 2017	Valid
Discharge License	WT00024952-2016	06 Jul 2016	31 Jul 2021	Valid
	WT00021138-2015	17 Mar 2014	31 Mar 2020	Valid
Billing account under Waste Disposal Ordinance	7010069	21 Jan 2010	N/A	Valid
Registration as a Chemical Waste Producer	WPN5213-134-C3585-01	21 Jan 2010	N/A	Valid

Table 3.3 Summary of submission status under FEP-02/364/2009

EP Condition	Submission	Date of Submission
Condition 2.7 & 2.8	Works Schedule and Location Plan	18 May 2011
Condition 2.6	Environmental Management Organization Chart	18 May 2011
Condition 1.12	Commencement Date of Works	20 Jun 2011
Condition 2.9	Noise Management Plan	10 Jun 2011
Condition 2.11	Landscape Plan (Rev.4)	8 July 2015

Contract no. HK/2009/02 – Wan Chai Development Phase II – Central – Wan Chai Bypass at Wan Chai East (CWB Tunnel) under FEP-01/364/2009

- 3.1.7. Summary of the current status on licences and/or permits on environmental protection pertinent and submission under FEP-01/364/2009 for contract no. HK/2009/02 are shown in **Table 3.4** and **Table 3.5**.

Table 3.4 Cumulative Summary of Valid Licences and Permits under Contract no. HK/2009/02

Permits and/or Licenses	Reference No.	Issued Date	Valid Period/ Expiry Date	Status
Further Environmental Permit	FEP-03/356/2009	24 Mar 2010	N/A	Valid
	FEP-01/364/2009	24 Mar 2010	N/A	Valid
Notification of Works Under APCO	313962	2 Feb 2010	N/A	Valid
Construction Noise Permit (CNP) for non-piling equipment	GW-RS0803-16	28 Jul 2016	30 Jul 2016 to 27 Jan 2017	Cancelled
	GW-RS0926-16	05 Sep 2016	07 Sep 2016 to 04 Mar 2017	Cancelled
	GW-RS0985-16	19 Sep 2016	20 Sep 2016 to 18 Mar 2017	Cancelled
	GW-RS1047-16	13 Oct 2016	26 Oct 2016 to 25 Apr 2017	Valid
	GW-RS1140-16	11 Nov 2016	14 Nov 2016 to 09 May 2017	Valid
	GW-RS1153-16	17 Nov 2016	18 Nov 2016 to 13 May 2017	Cancelled
	GW-RS1297-16	15 Dec 2016	16 Dec 2016 to 14 Jun 2017	Valid

Permits and/or Licenses	Reference No.	Issued Date	Valid Period/ Expiry Date	Status
	GW-RS1305-16	22 Dec 2016	24 Dec 2016 to 13 Jun 2017	Valid
Water Discharge License	WT00022295-2015	12 Aug 2015	31 July 2020	Valid
	WT00025276-2016	19 Sep 2016	31 July 2021	Valid
Billing Account under Waste Disposal Ordinance (Land)	7010255	10 Feb 2010	N/A	Valid
Registration as Chemical Waste Producer (Wan Chai)	WPN5213-135-C3593-01	10 Mar 2010	N/A	Valid
Registration as Chemical Waste Producer (TKO 137)	WPN5213-839-C3593-02	22 Sep 2010	N/A	Valid

Table 3.5 Summary of submission status under FEP-01/364/2009

EP Condition	Submission	Date of Submission
Condition 2.7 and 2.8	Works Schedule and Location Plan	14 Jun 2011
Condition 2.6	Environmental Management Organization Chart	14 Jun 2011
Condition 1.12	Commencement Date of Works	21 Jun 2011
Condition 2.11	Landscape Plan (Revision B)	20 Nov 2012
Condition 2.9	Noise Management Plan (Revision B)	13 Jan 2012

Contract no. HY/2009/18 – Central – Wan Chai Bypass (CWB) – Central Interchange under FEP-05/364/2009/A

- 3.1.8. Summary of the current status on licences and/or permits on environmental protection pertinent and submission under FEP-05/364/2009A for contract no. HY/2009/18 are shown in **Table 3.6** and **Table 3.7**.

Table 3.6 Cumulative Summary of Valid Licences and Permits under Contract no. HY/2009/18

Permit / Licence / Notification / Approval	Reference No.	Issued Date	Valid Period/ Expiry Date	Status
Further Environmental Permit	FEP-05/364/2009/A	15 Nov 2010	Permit issued	Valid
Notification of Works Under APCO	322293	07 Oct 2010	Notified	Valid
Construction Noise Permit (CNP) for non-piling equipment	GW-RS1102-16	28 Oct 2016	01 Nov 2016 to 31 Jan 2017	Expired
	GW-RS1161-16	17 Nov 2016	1 Dec 2016 to 31 Mar 2017	Valid
	GW-RS1164-16	17 Nov 2016	1 Dec 2016 to 31 Mar 2017	Cancelled
	GW-RS1307-16	21 Dec 2016	23 Dec 2016 to 30 Apr 2017	Valid
	GW-RS1338-16	28 Dec 2016	01 Jan 2017 to 30 Jun 2017	Valid
Discharge Licenses	WT00013967-2012	17 Sep 2012	30 Sep 2017	Cancelled
	WT00014966-2013	08 Jan 2013	31 Jan 2018	Cancelled
	WT00020725-2015	14 Jan 2015	30 Jul 2017	Valid
	WT00024255-2016	18 May 2016	31 Jan 2021	Valid
Registration as a Chemical Waste Producer	WPN: 8335-121-L1048-04	17 Dec 2010	N/A	Registration completed
Billing Account under Waste Disposal Ordinance (Land)	Account No.: 7011587	11 Oct 2010	Account approved	Valid

Table 3.7 Summary of submission status under FEP-05/364/2009/A

EP Condition	Submission	Date of Submission
Condition 2.9	Noise Management Plan	01 March 2011
Condition 2.10	Landscape Plan (Rev. 6)	19 May 2014

Contract no. HY/2009/15 – Central-Wanchai Bypass – Tunnel (Causeway Bay Typhoon Shelter Section) under FEP-06/364/2009/A

3.1.9. Summary of the current status on licences and/or permits on environmental protection pertinent and submission under FEP-06/364/2009/A for contract no. HY/2009/15 are shown in **Table 3.8** and **Table 3.9**.

Table 3.8 Cumulative Summary of Valid Licences and Permits under Contract no. HY/2009/15

Permits and/or Licences	Reference No.	Issued Date	Valid Period/ Expiry Date	Status
Further Environmental Permit	FEP-06/364/2009/A	22 Nov 2010	N/A	Valid
	FEP-04/356/2009	22 Nov 2010	N/A	Valid
Notification of Works Under APCO	321822	24 Sep 2010	N/A	Valid
Construction Noise Permit (CNP) for non-piling equipment	GW-RS0884-16	23 Aug 2016	08 Sep 2016 to 07 Mar 2017	Valid
	GW-RS0886-16	23 Aug 2016	09 Sep 2016 to 08 Mar 2017	Valid
	GW-RS0889-16	23 Aug 2016	11 Sep 2016 to 10 Mar 2017	Valid
	GW-RS1174-16	18 Nov 2016	24 Nov 2016 to 23 May 2017	Valid
Registration as a Chemical Waste Producer	WPN: 5213-147-C1169-35	15 Nov 2010	N/A	Valid
Billing Account under Waste Disposal Ordinance	7011553	30 Sep 2010	N/A	Valid
Water Discharge Licence (Discharge at TPCWAW)	WT00020601-2014	18 Mar 2015	18 Mar 2015 to 31 Mar 2017	Valid
Water Discharge Licence (Discharge at TPCWAE)	WT00024951-2016	8 Jul 2016	8 Jul 2016 to 31 Dec 2017	Expired
Water Discharge Licence (Discharge at TS1)	WT00024874-2016	20 Jul 2016	20 Jul 2016 to 31 Mar 2021	Valid

Table 3.9 Summary of submission status under FEP-06/364/2009/A

EP Condition	Submission	Date of Submission
Condition 2.6	Management Organization of Main Construction Companies	11 Mar 2011
	Amendment for Management Organization of Main Construction Companies	16 May 2011
Condition 2.7	Works Schedule	15 Mar 2011
Condition 2.8	Location Plan	15 Mar 2011
Condition 2.9	Noise Management Plan	6 May 2011
Condition 2.10	Landscape Plan (Rev.3)	30 Jan 2015

Contract no. HY/2009/19 – Central – Wanchai Bypass Tunnel (North Point Section) and Island Eastern Corridor Link under FEP-07/364/2009/D

3.1.10. The current status on licences and/or permits on environmental protection pertinent and submission under FEP-07/364/2009/D for contract no. HY/2009/19 are shown in **Table 3.10** and **Table 3.11**.

Table 3.10 Cumulative Summary of Valid Licences and Permits under Contract no. HY/2009/19

Permits and/or Licences	Reference No.	Issued Date	Valid Period/ Expiry Date	Status
Further Environmental Permit	FEP-07/364/2009/A	25 Feb 2011	N/A	Valid
	FEP-07/364/2009/D	24 Nov 2015	N/A	Valid
Notification of Works Under APCO	326160	24 Jan 2011	N/A	Valid
Registration as a Waste Producer	7012306	10 Feb 2011	N/A	Valid
Registration as Chemical Waste Producer	5213-151-C3654-01	24 Mar 2011	N/A	Valid
Application for Vessel Disposal	7012306	21 July 2011	N/A	Valid
Construction Noise Permits (CNP) for non-piling equipment	GW-RS0851-16	09 Aug 2016	09 Aug 2016 to 08 Feb 2017	Expired
	GW-RS1251-16	07 Dec 2016	18 Dec 2016 to 17 Jun 2017	Valid
	GW-RS1372-16	06 Jan 2017	11 Jan 2017 to 07 Apr 2017	Valid
Water Discharge License	WT00010865-2011	03 Nov 2011	30 Nov 2016	Cancelled
Dumping Permit (Approach Ramp) (Type 1 – Open Sea Disposal)	EP/MD/17-078	01 Oct 2016	31 Mar 2017	Valid

Table 3.11 Summary of submission status under FEP-07/364/2009/D

EP Condition	Submission	Date of Submission
Condition 2.13	Landscape Plan (Rev.5)	09 December 2016
Condition 2.9	Noise Management Plan (Rev.4)	15 February 2016

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

3.1.11. The current status on licences and/or permits on environmental protection pertinent and submission under FEP-12/364/2009/D for contract no. HK/2012/08 showed in **Table 3.12 and Table 3.13**.

Table 3.12 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-09/364/2009/B	5 Mar 2013	N/A	Valid
	FEP-12/364/2009/D	1 Aug 2016	N/A	Valid
	FEP-06/356/2009	5 March 2013	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	30 Jun 2016	N/A	Valid
Billing Account under Waste Disposal Ordinance	7016883	18 Feb 2013	18 Jul 2017	Valid
Construction Noise Permit (CNP) for non-piling equipment	GW-RS0902-16	24 Aug 2016	26 Aug 2016 to 25 Feb 2017	Expired
	GW-RS1336-16	29 Dec 2016	13 Jan 2017 to 12 Jul 2017	Valid
	GW-RS1371-16	5 Jan 2017	9 Jan 2017 to 8 Jul 2017	Valid
	GW-RS0098-17	1 Feb 2017	26 Feb 2017 to 25 Aug 2017	Valid
Water Discharge Licence	WT00018223-2014	28 Jan 2014	31 Jan 2019	Cancelled
	WT00020594-2014	22 Dec 2014	31 Jan 2019	Valid

Table 3.13 Summary of submission status under FEP-12/364/2009/D

EP Condition	Submission	Date of Submission
Condition 2.9	Noise Management Plan (Rev.2)	9 July 2013
Condition 2.14	Landscape Plan (Rev.4)	24 August 2015

Contract no. HY/2010/08 –Central – Wanchai Bypass Tunnel – Tunnel (Slip Road 8)

3.1.12. The current status on licences and/or permits on environmental protection pertinent and submission under FEP-10/364/2009/B for contract no. HK/2012/08 showed in **Table 3.14 and Table 3.15**.

Table 3.14 Cumulative Summary of Valid Licences and Permits under Contract no. HY/2010/08

Permits and/or Licences	Reference No.	Issued Date	Valid Period/ Expiry Date	Status
Further Environmental Permit	FEP-10/364/2009/B	26 Jul 2013	NA	Valid
	FEP-07/356/2009	26 Jul 2013	NA	Valid
Notification of Works Under APCO	357176	2013-04-02	NIL	Valid
Registration as a Chemical Waste Producer	WPN5213-147-C1169-44	2013-03-27	NIL	Valid
Billing Account under Waste Disposal Ordinance	7017170	2013-03-27	NIL	Valid
Water Discharge License	WT0001651-2013	2013-07-09	2018-07-28	Cancelled
	WT00020468-2014	2014-12-03	2018-07-31	Valid
Construction Noise Permit (CNP) for non-piling equipment	GW-RS0888-16	23 Aug 2016	02 Sep 2016 to 28 Feb 2017	Cancelled
	GW-RS1232-16	08 Dec 2016	08 Dec 2016 to 01 June 2017	Cancelled
	GW-RS1194-16	30 Nov 2016	30 Nov 2016 to 24 May 2017	Cancelled
	GW-RS1129-16	24 Nov 2016	24 Nov 2016 to 22 May 2017	Cancelled
	GW-RS0977-16	21 Sep 2016	15 Nov 2016 to 14 May 2017	Cancelled
	GW-RS0969-16	19 Sep 2016	19 Sep 2016 to 18 Mar 2017	Valid
	GW-RS0971-16	19 Sep 2016	22 Oct 2016 to 20 Apr 2017	Valid

Permits and/or Licences	Reference No.	Issued Date	Valid Period/ Expiry Date	Status
	GW-RS1182-16	29 Nov 2016	30 Nov 2016 to 24 May 2017	Valid
	GW-RS0930-16	17 Sep 2016	17 Sep 2016 to 17 Mar 2017	Cancelled
	GW-RS1254-16	10 Dec 2016	10 Dec 2016 to 07 Jun 2017	Valid
	GW-RS0029-17	19 Jan 2017	19 Jan 2017 to 02 Jul 2017	Valid
	GW-RS0086-17	31 Jan 2017	31 Jan 2017 to 30 Jul 2017	Valid
	GW-RS0092-17	31 Jan 2017	31 Jan 2017 to 31 Jul 2017	Valid

Table 3.15 Summary of submission status under FEP-10/364/2009/B

EP Condition	Submission	Date of Submission
Condition 2.9	Noise Management Plan (Rev.3)	03 January 2014
Condition 2.14	Landscape Plan (Rev.2)	19 May 2014
Condition 2.16	Additional Mitigation Plan (Rev.2)	18 February 2015

Contract no. HY/2011/08 –Central - Wan Chai Bypass (CWB) –Tunnel Buildings, Systems and Fittings, and Works Associated with Tunnel Commissioning under FEP-11/364/2009/E

3.1.13. The current status on licenses and/or permits on environmental protection pertinent and submission under FEP-11/364/2009/E for contract no. HY/2011/08 showed in **Table 3.16 and Table 3.17.**

Table 3.16 Cumulative Summary of Valid Licences and Permits under Contract no. HY/2011/08

Permits and/or Licences	Reference No.	Issued Date	Valid Period/ Expiry Date	Status
Further Environmental Permit	FEP-11/364/2009/B	2 May 2014	N/A	Valid
	FEP-11/364/2009/E	22 Dec 2014	N/A	Valid
Notification of Works Under APCO	LCAC-EN-LE-00017	7 Mar 2014	N/A	Valid
Registration as a Chemical Waste Producer	5213-121-L2837-01	19 Apr 2016	N/A	Registered
	5213-151-L2837-02	24 May 2016	N/A	Registered
	5213-134-L2898-01	16 Nov 2015	N/A	Registered
Billing Account under Waste Disposal Ordinance	7019640	27 Mar 2014	N/A	Valid
Construction Noise Permit (CNP) for non-piling equipment	GW-RS0811-16	28 Jul 2016	1 Aug 2016 to 31 Jan 2017	Cancelled
	GW-RS0892-16	25 Aug 2016	1 Sep 2016 to 28 Feb 2017	Cancelled
	GW-RS0801-16	29 Jul 2016	1 Aug 2016 to 31 Jan 2017	Expired
	GW-RS0891-16	25 Aug 2016	1 Sep 2016 to 28 Feb 2017	Valid
	GW-RS1089-16	28 Oct 2016	01 Nov 2016 to 30 Apr 2017	Valid
	GW-RS1151-16	17 Nov 2016	01 Dec 2016 to 31 May 2017	Valid
	GW-RS1168-16	17 Nov 2016	01 Dec 2016 to 31 May 2017	Valid
	GW-RS1169-16	18 Nov 2016	18 Nov 2016 to 30 Apr 2017	Valid
	GW-RS1178-16	17 Nov 2016	01 Dec 2016 to 31 May 2017	Valid
	GW-RS1134-16	28 Dec 2016	01 Jan 2017 to 30 Jun 2017	Valid
	GW-RS1137-16	28 Dec 2016	01 Jan 2017 to 30 Jun 2017	Valid
	GW-RS0068-17	24 Jan 2017	01 Feb 2017 to 31 Jul 2017	Valid

Permits and/or Licences	Reference No.	Issued Date	Valid Period/ Expiry Date	Status
	GW-RS0100-17	1 Feb 2017	03 Feb 2017 to 31 Jul 2017	Valid
	GW-RS0139-17	23 Feb 2017	01 Mar 2017 to 31 Aug 2017	Valid
	GW-RS0146-17	23 Feb 2017	01 Mar 2017 to 31 Aug 2017	Valid
Water Discharge Licence	WT00020242-2014	04 Nov 2014	30 Nov 2019	Cancelled
	WT00022046-2015	15 Jul 2015	31 Jul 2019	Valid
	WT00022753-2015	3 May 2016	30 Apr 2021	Valid
	WT00024561-2016	30 May 2016	31 May 2021	Valid
	WT00022046-2015	15 Jul 2015	31 Jul 2019	Valid

Table 3.17 Summary of submission status under FEP-11/364/2009/E

EP Condition	Submission	Date of Submission
Condition 2.9	Noise Management Plan (Rev.4)	08 November 2016
Condition 2.14	Landscape Plan (Rev.2)	18 Feb 2015
Condition 2.13 a)	Operational Air Quality Management Plan for West Ventilation Building (Rev.0)	25 Nov 2014
Condition 2.13 c)	Operational Air Quality Management Plan for East Ventilation Building and East Vent Shaft (Rev.0)	18 Feb 2015
Condition 2.13 e)	Operational Air Quality Management Plan for ventilation system of Eastern Portal of the CWB Tunnel	23 October 2016

4 MONITORING REQUIREMENTS

4.1 Noise Monitoring

NOISE MONITORING STATIONS

- 4.1.1. The noise monitoring stations for the Project are 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 Stations

Station	Description
M1a	Harbour Road Sports Centre
M2b	Noon-day Gun Area
M3a	Tung Lo Wan Fire Station
M4b	Victoria Centre
M5b	City Garden
M6	HK Baptist Church Henrietta Secondary School
*M7e	International Finance Centre (Eastern End of Podium)
M7w	International Finance Centre (Western End of Podium)
*M8	City Hall

* Remark 1: Location ID has been updated from M7 to M8 for City Hall

* Remark 2: M7e has become a reference station starting from 7 Aug 2012

REAL TIME NOISE MONITORING STATIONS

- 4.1.2. The noise 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 Real Time Noise Monitoring Stations

District	Station	Description
Tin Hau	RTN1	FEHD Hong Kong Transport Section Whitfield Depot
North Point	RTN2a	Hong Kong Electric Centre
North Point	RTN3	Po Leung Kuk Yu Lee Mo Fan Memorial School
Tin Hau	RTN4	Causeway Bay Community Centre

NOISE MONITORING PARAMETERS, FREQUENCY AND DURATION

- 4.1.3. The construction noise level shall be measured in terms of the A-weighted equivalent continuous sound pressure level (L_{eq}). L_{eq} (30 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 minutes) shall be employed for comparison with the Noise Control Ordinance (NCO) criteria. Supplementary information for data auditing, statistical results such as L_{10} and L_{90} shall also be obtained for reference.
- 4.1.4. 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.
- 4.1.5. Real time noise shall be carried out at the designated monitoring stations. The following is an initial guide on the regular monitoring frequency for each station on a 24 - hours basis when noise generating activities are underway:
- One set of measurements between 0700 and 1900 hours on normal weekdays.
 - One set of measurements between 1900 and 2300 hours on normal weekdays and 0700 and 2300 hours on public holidays.
 - One set of measurements between 2300 and 0700 hours on next day on everyday.
- 4.1.6. If construction works are extended to include works during the hours of 1900 – 0700 as well as public holidays and Sundays, additional weekly impact monitoring shall be carried out during respective restricted hours periods. Applicable permits under NCO shall be obtained by the Contractor.

MONITORING EQUIPMENT

- 4.1.7. 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 agree to within 1.0 dB.
- 4.1.8. 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.
- 4.1.9. The sound level meter shall be checked using an acoustic calibrator generating a known sound pressure level at a known frequency before deployment to the site and during each site visit. Measurements will be accepted as valid only if the calibration level from before and after the noise measurement agree to within 1.0 dB.

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 4.3** and **Figure 4.1**. **Appendix 4.1** shows the established Action/Limit Levels for the monitoring works.

Table 4.3 Air Quality Monitoring Stations

Station ID	Monitoring Location	Description
CMA1b	Oil Street Site Office**	North Point (Re-commenced on 14 November 2011)
CMA2a	Causeway Bay Community Centre	Causeway Bay
CMA3a	CWB PRE Site Office *	Causeway Bay
CMA4a	Society for the Prevention of Cruelty to Animals	Wan Chai
CMA5b	Pedestrian Plaza***	Wan Chai
MA1e	International Finance Centre (Eastern End of Podium)	Central
MA1w	International Finance Centre (Western End of Podium)	Central

Remarks*: As per the ENPC meeting in March 2011, the monitoring stations CMA3a – Future CWB site office at Wanchai Waterfront Promenade was renamed as remark.

Remarks**: The location ID of monitoring station CMA1b was updated as “Oil Street Site Office” in April 2013.

Remarks***: The station ID and monitoring location was updated in December 2014 with respect to monitoring station relocation.

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 equipments 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 each designated project managed under different contracts with separate 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 contracts are as follows:

- Contract no. HY/2009/15 – Central-Wanchai Bypass – Tunnel (Causeway Bay Typhoon Shelter Section)
- Contract no. HY/2009/18 – Central – Wan Chai Bypass (CWB) – Central Interchange
- Contract no. HY/2009/19 – Central – Wanchai Bypass Tunnel (North Point Section) and Island Eastern Corridor Link
- Contract no. HY/2010/08 – Central- Wanchai Bypass Tunnel (Slip Road 8 Section)
- Contract no. HK/2009/01 – Wan Chai Development Phase II – Central – Wan Chai Bypass at Hong Kong Convention and Exhibition Centre
- Contract no. HK/2009/02 - Wan Chai Development Phase II – Central - Wan Chai Bypass at Wan Chai East
- Contract no. HK/2012/08 – Wan Chai Development Phase II – Central – Wan Chai Bypass at Wan Chai West
- Contract no. HY/2011/08 – Central - Wan Chai Bypass (CWB)– Tunnel Buildings, Systems and Fittings, and Works Associated with Tunnel Commissioning

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 Monitoring for report of review baseline noise level was performed from 11 April 2011 to 8 June 2011. Then the report was submitted on the 20 June 2011, verified by IEC on 18 July 2011 and was approved by ER by January 2012. The new baseline is used for the noise calculation starting from January 2012.

Contract no. HY/2009/18 – Central – Wan Chai Bypass (CWB) – Central Interchange under FEP-05/364/2009/A

- 5.1.2 Noise monitoring for the Central Interchange works under contract no. HY/2009/18 was commenced on 22 April 2011. The proposed division of noise monitoring stations for Contract no. HY/2009/18 are summarized in **Table 5.1** below:

Table 5.1 Noise Monitoring Stations for Contract no. HY/2009/18

Station	Description
*M7e	International Finance Centre (Eastern End of Podium)
M7w	International Finance Centre (Western End of Podium)
M8	City Hall

* Remark: M7e has become a reference station starting from 7 Aug 2012

- 5.1.3 No action or limit level exceedance was recorded in this reporting month.
- 5.1.4 Noise monitoring results measured in this reporting period are reviewed and summarized. Details of noise monitoring results and graphical presentation can be referred in **Appendix 5.2**.

Contract no. HK/2009/01 – Wan Chai Development Phase II – Central – Wan Chai Bypass at Hong Kong Convention and Exhibition Centre – Tunnel Works under FEP-02/364/2009 and Contract no. HK/2009/02 – Wan Chai Development Phase II – Central – Wan Chai Bypass at Wan Chai East (CWB Tunnel) under FEP-01/364/2009

- 5.1.5 The commencement of construction works for Contract no. HK/2009/01 under FEP-02/364/2009 is on 25 August 2011 and HK/2009/02 under FEP-01/364/2009 is on 26 April 2011. The proposed division of noise monitoring stations are summarized in **Table 5.2** below.

Table 5.2 Noise Monitoring Station for Contract no HK/2009/01 and HK/2009/02

Station	Description
M1a	Harbour Road Sports Centre

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

- 5.1.7 Noise monitoring results measured in this reporting period are reviewed and summarized. Details of noise monitoring results and graphical presentation can be referred in **Appendix 5.2**.

Contract no. HY/2009/15 – Central-Wanchai Bypass – Tunnel (Causeway Bay Typhoon Shelter Section) under FEP-06/364/2009/A

- 5.1.8 The commencement of construction works for Contract no. HY/2009/15 under FEP-06/364/2009/A was on 13 July 2011. Noise monitoring was commenced on 13 July 2011. The proposed divisions of noise monitoring stations are summarized in **Table 5.3** below.

Table 5.3 Noise Monitoring Stations for Contract no. HY/2009/15

Station	Description
M2b	Noon Gun Area
M3a	Tung Lo Wan Fire Station

- 5.1.9 No action or limit level exceedance was recorded in this reporting month.
- 5.1.10 Noise monitoring results measured in this reporting period are reviewed and summarized. Details of noise monitoring results and graphical presentation can be referred in **Appendix 5.2**.

Contract no. HY/2009/19 – Central – Wanchai Bypass Tunnel (North Point Section) and Island Eastern Corridor Link under FEP-07/364/2009/D

- 5.1.11 Noise monitoring for the tunnel works under contract no. HY/2009/19 was commenced on 24 April 2011. The proposed division of noise monitoring stations are summarized in **Table 5.4** below.

Table 5.4 Noise Monitoring Stations for Contract no. HY/2009/19

Station	Description
M4b	Victoria Centre
M5b	City Garden
M6	HK Baptist Church Henrietta Secondary School

- 5.1.12 Three limit level exceedances were recorded at M6- HK Baptist Church Henrietta Secondary School on 07, 13 and 21 February 2017 in this reporting month.
- 5.1.13 Traffic noise was observed during monitoring 07, 13 and 21 February 2017 and were considered as the major noise contribution. As such, the limit level exceedance was concluded as non-project related.
- 5.1.14 Noise monitoring results measured in this reporting period are reviewed and summarized. Details of noise monitoring results and graphical presentation can be referred in **Appendix 5.2**. Details of the Notification of Exceedance can be referred in **Appendix 6.2**.

Contract no. HY/2010/08 – Central-Wanchai Bypass –Wanchai Bypass Tunnel (Slip Road 8 Section) under FEP-12/364/2009/D

- 5.1.15 The commencement of construction works for Contract no. HY/2010/08 under FEP-10/364/2009/B was on 02 September 2013. Noise monitoring was commenced on 02 September 2013. The proposed divisions of noise monitoring stations are summarized in **Table 5.5** below.

Table 5.5 Noise Monitoring Stations for Contract no. HY/2010/08

Station	Description
M3a	Tung Lo Wan Fire Station

- 5.1.16 No action or limit level exceedance was recorded in this reporting month.
- 5.1.17 Noise monitoring results measured in this reporting period are reviewed and summarized. Details of noise monitoring results and graphical presentation can be referred in **Appendix 5.2**.

Contract no. HY/2011/08 – Central - Wan Chai Bypass (CWB) – Tunnel Buildings, Systems and Fittings, and Works Associated with Tunnel Commissioning

- 5.1.18 Noise monitoring for the Central Interchange works under contract no. HY/2009/18 was commenced on 22 April 2011. The proposed division of noise monitoring stations for Contract no. HY/2011/08 are summarized in **Table 5.6** below:

Table 5.6 Noise Monitoring Stations for Contract no. HY/2011/08

Station	Description
M4b	Victoria Centre
*M7e	International Finance Centre (Eastern End of Podium)
M7w	International Finance Centre (Western End of Podium)
M8	City Hall

* Remark: M7e has become a reference station starting from 7 Aug 2012

- 5.1.19 No action or limit level exceedance was recorded in this reporting month.
- 5.1.20 Noise monitoring results measured in this reporting period are reviewed and summarized. Details of noise monitoring results and graphical presentation can be referred in **Appendix 5.2**.

5.2 Real Time Noise Monitoring Results

- 5.2.1. Real time noise monitoring at RTN4-Causeway Bay Community Centre was commenced on 13 Jan 2013. The baseline noise level of RTN4- Causeway Bay Community Centre has adopted the results from the baseline noise monitoring report for EP/364/2009 in 22 April 2010 in which approved by EPD.
- 5.2.2. Po Leung Kuk Yu Lee Mo Fan Memorial School granted permission for set up on 4 Sep 2012 and real time noise monitoring station RTN3 set up was performed on 14 Sep 2012. Real time noise baseline capturing was conducted during time period without construction work from 21 Sep 2012 to 04 Oct 2012. Real time noise monitoring at RTN3 – Po Leung Kuk Yu Lee Mo Fan Memorial School was commenced since 06 Oct 2012.
- 5.2.3. Real-time noise monitoring station RTN2 previously located at oil Street Community Liaison Centre was relocated to Hong Kong Electric Centre on 5 Oct 2012, which is a representative of the noise sensitive receiver City Garden. The baseline noise level of RTN2a will adopt the results derived from the baseline noise monitoring conducted at Hong Kong Electric Centre from 4 December 2009 to 17 December 2009.
- 5.2.4. Real-time noise monitoring station RTN1-FEHD Whitfield Depot was finely adjusted from 2/F to roof-top at FEHD Whitfield Depot on 24 June 2013 with respect to the commencement of advance works for IEC parapet demolition.

Contract no. HY/2009/19 – Central – Wanchai Bypass Tunnel (North Point Section) and Island Eastern Corridor Link under FEP-07/364/2009/D

- 5.2.5. The proposed division of noise monitoring stations are summarized in **Table 5.7** below. Real time noise monitoring for major construction works under contract no. HY/2009/19 was commenced on 24 April 2011.

Table 5.7 Real Time Noise Monitoring Stations for Contract no. HY/2009/19

Location ID	District	Description
RTN1	Tin Hau	FEHD Hong Kong Transport Section Whitfield Depot
RTN2a	North Point	Hong Kong Electric Centre
RTN3	North Point	Po Leung Kuk Yu Lee Mo Fan Memorial School
RTN4	Tin Hau	Causeway Bay Community Centre

** Real time noise monitoring results and graphical presentation during restrict hours and night time period are for information only and noise during CNP period shall be controlled under NCO.*

- 5.2.6. No limit level exceedance was recorded at RTN1-FEHD Hong Kong Transport Section Whitfield Depot was recorded in the reporting month.
- 5.2.7. Limit level exceedances were recorded at RTN2a- Hong Kong Electric Centre on 03, 04, 07, 09, 11, 13 to 17, and 21 to 25 February 2017 during daytime in the reporting month. After checking with Contractor of HY/2009/19, on 03 and 04 February 2017, no works was conducted around the monitoring station under Contract HY/2009/19.

On 07 and 09 February 2017, Re-boring, sheet piling and sheet pile extraction were conducted under Contract HY/2009/19 and temporary noise barrier was provided along the site boundary by the Contractor of HY/2009/19.

On 11 and 13 February 2017, no works was conducted around the monitoring station under Contract HY/2009/19.

On 14 and 15 February 2017, Re-boring, sheet piling and sheet pile extraction were conducted under Contract HY/2009/19 and temporary noise barrier was provided along the site boundary by the Contractor of HY/2009/19.

On 16 and 17 February 2017, Pre-boring and sheet piling were conducted under Contract HY/2009/19 and temporary noise barrier was provided along the site boundary by the Contractor of HY/2009/19.

On 21, 22, 23 February 2017, Pre-boring and sheet piling and administration building concrete junction trimming works were conducted under Contract HY/2009/19 and temporary noise barrier was provided along the site boundary by the Contractor of HY/2009/19.

On 24, 25 February 2017, Pre-boring and sheet piling installation/ extraction and administration building concrete junction trimming works were conducted under Contract HY/2009/19 and temporary noise barrier was provided along the site boundary by the Contractor of HY/2009/19.

Nevertheless, building construction works with breaking and hammering works under non-CWB private development site at Oil Street was conducted at the building level adjacent to the noise monitoring station and were considered as the major noise contribution across the monitoring period in February. As such, the exceedances were considered as non-Project related.

- 5.2.8. No limit level exceedances were recorded at RTN3- Yu Lee Mo Fan Memorial School in the reporting month.
- 5.2.9. No limit level exceedance was recorded at RTN4- Causeway Bay Community Centre in the reporting month.
- 5.2.10. Real time noise monitoring results measured in this reporting period are reviewed and summarized. Details of real time noise monitoring results and graphical presentation can be referred to **Appendix 5.4.**

Contract no. HY/2011/08 – Central - Wan Chai Bypass (CWB) – Tunnel Buildings, Systems and Fittings, and Works Associated with Tunnel Commissioning

- 5.2.11. The proposed division of noise monitoring stations are summarized in **Table 5.8** below. Real time noise monitoring for major construction works under contract no. HY/2011/08 was commenced on 19 March 2015.

Table 5.8 Real Time Noise Monitoring Stations for Contract no. HY/2011/08

Location ID	District	Description
RTN1	Tin Hau	FEHD Hong Kong Transport Section Whitfield Depot
RTN2a	North Point	Hong Kong Electric Centre
RTN4	Tin Hau	Causeway Bay Community Centre

** Real time noise monitoring results and graphical presentation during restrict hours and night time period are for information only and noise during CNP period shall be controlled under NCO.*

- 5.2.12. No limit level exceedance was recorded at RTN1-FEHD Hong Kong Transport Section Whitfield Depot was recorded in the reporting month.
- 5.2.13. Limit level exceedances were recorded at RTN2a- Hong Kong Electric Centre on 03, 04, 07, 09, 11, 13 to 17, and 21 to 25 February 2017 during daytime in the reporting month. After checking with Contractor of HY/2011/08, formwork and bar fixing works were conducted at the Administration Building Area on 03, 04, 07, 09, 11, 13 to 15 February 2017 and formwork and bar fixing works and concreting works were conducted on 16, 17, 21 to 25 February 2017 at the Administration Building Area and no major noise emanation were considered.
- Nevertheless, Non CWB Project building construction works with drilling and breaking works opposite to the monitoring station at Oil Street were observed across February 2017 and observed as the major noise contribution throughout the monitoring period. In view of the above, the exceedances were considered as non-Project related.
- 5.2.14. No limit level exceedance was recorded at RTN4- Causeway Bay Community Centre Hong Kong Transport Section Whitfield Depot was recorded in the reporting month.

5.3 Air Quality Monitoring Results

Contract no. HY/2009/18 – Central – Wan Chai Bypass (CWB) – Central Interchange under FEP-05/364/2009/A

- 5.3.1 Air quality monitoring for the Central Interchange works under contract no. HY/2009/18 was commenced on 21 April 2011. The proposed division of air quality monitoring stations are summarized in **Table 5.9** below.

Table 5.9 Air Quality Monitoring Stations for Contract no. HY/2009/18

Station	Description
MA1e	International Finance Centre (Eastern End of Podium)
MA1w	International Finance Centre (Western End of Podium)

- 5.3.2 No exceedance was recorded in the reporting month.
- 5.3.3 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**.

Contract no. HK/2009/01 – Wan Chai Development Phase II – Central – Wan Chai Bypass at Hong Kong Convention and Exhibition Centre – Tunnel Works under FEP-02/364/2009

- 5.3.4 The commencement of construction works for Contract no. HK/2009/01 under FEP-02/364/2009 is on 25 August 2011. Air quality monitoring was commenced on 25 August 2011. The proposed division of air quality monitoring stations are summarized in **Table 5.10** below.

Table 5.10 Air Quality Monitoring Station for Contract no. HK/2009/01

Station	Description
CMA5b	Pedestrian Plaza

- 5.3.5 One 1hr TSP action level exceedance was recorded at CMA5b on 02 February 2017.
- 5.3.6 No construction works was undertaken on 02 February 2017 around Pedestrian Plaza under Contract HK/2009/01, no particular observation regarding air quality impact was observed during sampling. In view of the above, the action level exceedance was considered to be non-project related and potentially contributed by local ambient condition.
- 5.3.7 One 24hr TSP action level exceedance was recorded at CMA5b on 18 February 2017.
- 5.3.8 No construction works was undertaken on 18 February 2017 around Pedestrian Plaza under Contract HK/2009/01, no particular observation regarding air quality impact was observed during sampling. In view of the above, the action level exceedance was considered to be non-project related and potentially contributed by local ambient condition such as road traffic next to the monitoring station.

- 5.3.9 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**.

Contract no. HK/2009/02 – Wan Chai Development Phase II – Central – Wan Chai Bypass at Wan Chai East (CWB Tunnel) under FEP-01/364/2009

- 5.3.10 The commencement of construction works for HK/2009/02 under FEP-01/364/2009 is on 26 April 2011. The proposed division of air quality monitoring stations are summarized in **Table 5.11** below.

Table 5.11 Air Quality Monitoring Station for Contract no. HK/2009/02

Station	Description
CMA4a	Society for the Prevention of Cruelty to Animals

- 5.3.11 No exceedance was recorded in the reporting month.
- 5.3.12 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**.

Contract no. HY/2009/15 – Central-Wanchai Bypass – Tunnel (Causeway Bay Typhoon Shelter Section) under FEP-06/364/2009/A

- 5.3.13 The commencement of construction works for Contract no. HY/2009/15 under FEP-06/364/2009/A was on 13 July 2011. Air quality monitoring was commenced on 14 July 2011. The proposed division of air quality monitoring stations are summarized in **Table 5.12** below.

Table 5.12 Air Quality Monitoring Station for Contract no. HY/2009/15

Station	Description
CMA3a	CWB PRE Site Office

- 5.3.14 No exceedance was recorded in the reporting month.
- 5.3.15 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**.

Contract no. HY/2009/19 – Central – Wanchai Bypass Tunnel (North Point Section) and Island Eastern Corridor Link under FEP-07/364/2009/D

- 5.3.16 The proposed division of air quality monitoring stations are summarized in **Table 5.13** below. Air quality monitoring for the tunnel works under contract no. HY/2009/19 was commenced on 26 April 2011.

Table 5.13 Air Quality Monitoring Stations for Contract no. HY/2009/19

Station	Description
CMA1b	Oil Street Site Office
CMA2a	Causeway Bay Community Centre

- 5.3.17 No exceedance was recorded in the reporting month.
- 5.3.18 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**.

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

- 5.3.19 The commencement of construction works for Contract no. HK/2012/08 under FEP-09/364/2009/B was on May 2014. Air quality monitoring was commenced on 25 August 2011. The proposed division of air quality monitoring stations are summarized in **Table 5.14** below.

Table 5.14 Air Quality Monitoring Station for Contract no. HK/2012/08

Station	Description
CMA5b	Pedestrian Plaza

- 5.3.20 One 1hr TSP action level exceedance was recorded at CMA5b on 02 February 2017.
- 5.3.21 Despite formwork erection and rebar fixing was undertaken on 02 February 2017 around Pedestrian Plaza under Contract HK/2012/08, no particular observation regarding air quality impact was observed during sampling. In view of the above, the action level exceedance was considered to be non-project related and potentially contributed by local ambient condition.
- 5.3.22 One 24hr TSP action level exceedance was recorded at CMA5b on 18 February 2017.
- 5.3.23 Despite formwork erection and rebar fixing was undertaken on 18 February 2017 around Pedestrian Plaza under Contract HK/2012/08, no particular observation regarding air quality impact was observed during sampling. In view of the above, the action level exceedance was considered to be non-project related and potentially contributed by local ambient condition such as road traffic next to the monitoring station.

- 5.3.24 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**.

Contract no. HY/2010/08 – Central-Wanchai Bypass –Wanchai Bypass Tunnel (Slip Road 8 Section) under FEP-12/364/2009/D

- 5.3.25 The commencement of construction works for Contract no. HY/2010/08 under FEP-12/364/2009/D was on July 2014. Air quality monitoring was commenced on 14 July 2011. The proposed division of air quality monitoring stations are summarized in **Table 5.15** below.

Table 5.15 Air Quality Monitoring Station for Contract no. HY/2010/08

Station	Description
CMA3a	CWB PRE Site Office

- 5.3.26 No exceedance was recorded in the reporting month. 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**.

Contract no. HY/2011/08 – Central - Wan Chai Bypass (CWB) – Tunnel Buildings, Systems and Fittings, and Works Associated with Tunnel Commissioning

- 5.3.27 Air quality monitoring for the Central Interchange works under contract no. HY/2011/08 was commenced on 21 April 2011. The proposed division of air quality monitoring stations are summarized in **Table 5.16** below.

Table 5.16 Air Quality Monitoring Stations for Contract no. HY/2011/08

Station	Description
MA1e	International Finance Centre (Eastern End of Podium)
MA1w	International Finance Centre (Western End of Podium)
CMA1b	Oil Street Site Office
CMA2a	Causeway Bay Community Centre

- 5.3.28 No exceedance was recorded in the reporting month.
- 5.3.29 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**.

5.4 Waste Monitoring Results

Contract no. HK/2009/01 – Wan Chai Development Phase II – Central – Wan Chai Bypass at Hong Kong Convention and Exhibition Centre – Tunnel Works under FEP-02/364/2009

- 5.4.1. Inert C&D wastes and non-inert C&D wastes were disposed in this reporting month. Details of the waste flow table are summarized in **Table 5.17**.

Table 5.17 Details of Waste Disposal for Contract no. HK/2009/01

Waste Type	Quantity this month	Cumulative-to-Date	Disposal / Dumping Grounds
Inert C&D materials disposed, m ³	Nil	107926.02	TKO137, TM38
Inert C&D materials recycled, m ³	Nil	98512.03	N/A
Non-inert C&D materials disposed, m ³	14.94	5230.98	SENT Landfill
Non-inert C&D materials recycled, kg	Nil	1285746	N/A
Chemical waste disposed, kg	Nil	10400	N/A
Marine Sediment (Type 1 – Open Sea Disposal), m ³	Nil	11527	South of Cheung Chau
Marine Sediment (Type 1 – Open Sea Disposal (Dedicate Sites) & Type 2 – Confined Marine Disposal), m ³	Nil	16261	East of Cha Chau South Brothers

Contract no. HK/2009/02 – Wan Chai Development Phase II – Central – Wan Chai Bypass at Wan Chai East (CWB Tunnel) under FEP-01/364/2009

- 5.4.2. Inert C&D & non-inert C&D wastes were disposed of in this reporting month. Details of the waste flow table are summarized in **Table 5.18**.

Table 5.18 Details of Waste Disposal for Contract no. HK/2009/02

Waste Type	Quantity this month	Cumulative Quantity-to-Date	Disposal / Dumping Grounds
Inert C&D materials disposed, m ³	335	521603.412	TKO137 / TM 38
Inert C&D materials recycled, m ³	Nil	46520	N/A
Non-inert C&D materials disposed, m ³	72	4079.317	SENT Landfill
Non-inert C&D materials recycled, m ³	Nil	N/A	N/A
Chemical waste disposed, kg	Nil	17718	N/A
Marine Sediment (Type 1 – Open Sea Disposal), m ³	Nil	65663	South Cheung Chau

Contract no. HY/2009/18 – Central – Wan Chai Bypass (CWB) – Central Interchange under FEP-05/364/2009/A

- 5.4.3. Inert C&D and non-inert C&D waste was disposed of in this reporting month. Details of the waste flow table are summarized in **Table 5.19**.

Table 5.19 Details of Waste Disposal for Contract no. HY/2009/18

Waste Type	Quantity this month	Cumulative-to-Date	Disposal / Dumping Grounds
Inert C&D materials disposed, m ³	74.86	1414855.85	T.K.O. 137, TM 38
Inert C&D materials recycled, m ³	Nil	58787.05	N/A
Non-inert C&D materials disposed, m ³	5.87	4349.5	SENT Landfill
Non-inert C&D materials recycled, ton	Nil	878.37	N/A
Chemical waste disposed, kg	Nil	6772	N/A

Contract no. HY/2009/15 – Central-Wanchai Bypass – Tunnel (Causeway Bay Typhoon Shelter Section) under FEP-06/364/2009/A

- 5.4.4. Inert & Non-inert C&D wastes were disposed of in this reporting month. Details of the waste flow table are summarized in **Table 5.20**.

Table 5.20 Details of Waste Disposal for Contract no. HY/2009/15

Waste Type	Quantity this month	Cumulative Quantity-to-Date	Disposal / Dumping Grounds
Inert C&D materials disposed, m ³	165.12 Nil	625200.92 245453.3	Tuen Mun Area 38 TKO137 FB
Inert C&D materials recycled, m ³	Nil	358660.77	HY/2009/11 ex-PCWA TS4 /TS2 WDII Lun Ku Tan WENT HY/2010/08
Non-inert C&D materials disposed, m ³	0.71 Nil	4673.1 1.58	SENT Landfill WENT Landfill
Non-inert C&D materials recycled, m ³	Nil	5496446.2	Xun Xiang Metalware Skylight Recycle (paper)
Chemical waste disposed, kg	Nil	22755	Dunwell Group
Marine Sediment (Type1-Open Sea Disposal (Dedicate Sites) &Type 2 – Confined Marine Disposal), m ³	Nil	5684	South of the Brothers

Contract no. HY/2009/19 – Central – Wanchai Bypass Tunnel (North Point Section) and Island Eastern Corridor Link under FEP-07/364/2009/D

- 5.4.5. Inert and Non-inert C&D wastes were disposed of in this reporting month. Details of the waste flow table are summarized in **Table 5.21**.

Table 5.21 Details of Waste Disposal for Contract no. HY/2009/19

Waste Type*	Quantity this month	Cumulative-to-Date	Disposal / Dumping Grounds
Inert C&D materials disposed, ton	2425.87	673804.84	TM38
Inert C&D materials recycled, ton	Nil	82349.7	N/A
Non-inert C&D materials disposed, ton	46.3	5541.32	SENT Landfill
Non-inert C&D materials recycled, ton	0.5	565.63	N/A
Chemical waste disposed, kg	0.13	10.15	N/A
Marine Sediment (Tunnel) (Type-1 Open Sea Disposal), m³	Nil	20556	South of Cheung Chau
Marine Sediment (Tunnel) (Type 1- Open Sea Disposal (Dedicated Sites) & Type 2 – Confined Marine Disposal), m³	Nil	30751	East of Sha Chau

Contract no. HK/2012/08 Wan Chai Development Phase II - Central-Wan Chai Bypass at Wan Chai West under FEP-12/364/2009/D

- 5.4.6. No inert and Non-inert C&D wastes were disposed of in this reporting month. Details of the waste flow table are summarized in **Table 5.22**.

Table 5.22 Details of Waste Disposal for Contract no. HK/2012/08

Waste Type*	Quantity this month	Cumulative-to-Date	Disposal / Dumping Grounds
Inert C&D materials disposed, m ³	154 Nil	181965 116668	TKO 137 TM38
Inert C&D materials recycled, m ³	Nil	Nil	N/A
Non-inert C&D materials disposed, m ³	525	5802	SENT
Non-inert C&D materials recycled, m ³	Nil	Nil	N/A
Chemical waste disposed, kg	Nil	Nil	N/A
Marine sediment (Type 1) disposal, m ³	Nil	3145	South of Cheung Chau / East of Sha Chau / South of The Brothers

Remarks: The quantity of inert C&D material disposed, recycled, non-inert C&D material disposed, recycled are reported up to calendar month on 28 February 2017.

Contract no. HY/2010/08 Central – Wan Chai Bypass (CWB) – Tunnel (Slip Road 8) under FEP-10/364/2009/B

- 5.4.7. No inert and Non-inert C&D wastes were disposed of in this reporting month. Details of the waste flow table are summarized in **Table 5.23**.

Table 5.23 Details of Waste Disposal for Contract no. HY/2010/08

Waste Type*	Quantity this month	Cumulative-to-Date	Disposal / Dumping Grounds
Inert C&D materials disposed, m ³	104.2	578139.47	TM 38
	Nil	262656.6	WENT
	Nil	82911.8	SENT
	16.1	72497.69	TKO area 137
Inert C&D materials recycled, m ³	Nil	Nil	N/A
Non-inert C&D materials disposed, m ³	128	3639.53	SENT
Non-inert C&D materials recycled, m ³	Nil	Nil	N/A
Chemical waste disposed, kg	Nil	979	N/A
Type 1 – Open Sea Disposal, m ³	Nil	16368.4	East Sha Chau/ South Brothers Island
Type 2 – Confined Marine disposal, m ³	Nil	549.2	East Sha Chau

Contract no. HY/2011/08 Central –Central - Wan Chai Bypass (CWB) –Tunnel Buildings, Systems and Fittings, and Works Associated with Tunnel Commissioning under FEP-11/364/2009/E

- 5.4.8. No inert and Non-inert C&D wastes were disposed of in this reporting month. Details of the waste flow table are summarized in **Table 5.24**.

Table 5.24 Details of Waste Disposal for Contract no. HY/2011/08

Waste Type*	Quantity this month	Cumulative-to-Date	Disposal / Dumping Grounds
Inert C&D materials disposed, m ³	46.37	645.33	CWPF & TKO137
Inert C&D materials recycled, m ³	Nil	Nil	N/A
Non-inert C&D materials disposed, m ³	110.72	1948.89	SENT
Non-inert C&D materials recycled, ton	Nil	31.72	N/A
Chemical waste disposed, kg	Nil	3800	N/A

6 COMPLIANCE AUDIT

6.0.1. The Event Action Plan for construction noise, air qualities are presented in **Appendix 6.1**.

6.1 Noise Monitoring

Contract no. HY/2009/18 – Central – Wan Chai Bypass (CWB) – Central Interchange under FEP-05/364/2009/A

6.1.1. No exceedance was recorded in the reporting month.

Contract no. HK/2009/01 – Wan Chai Development Phase II – Central – Wan Chai Bypass at Hong Kong Convention Exhibition Centre – Tunnel Works under FEP-02/364/2009

6.1.2. No exceedance was recorded in the reporting month.

Contract no. HK/2009/02 – Wan Chai Development Phase II – Central – Wan Chai Bypass at Wan Chai East (CWB Tunnel) under FEP-01/364/2009

6.1.3. No exceedance was recorded in the reporting month.

Contract no. HY/2009/15 – Central-Wanchai Bypass – Tunnel (Causeway Bay Typhoon Shelter Section) under FEP-06/364/2009/A

6.1.4. No exceedance was recorded in the reporting month.

Contract no. HY/2009/19 – Central – Wanchai Bypass Tunnel (North Point Section) and Island Eastern Corridor Link under FEP-07/364/2009/D

6.1.5. Three limit level exceedances were recorded at M6- HK Baptist Church Henrietta Secondary School on 07, 13 and 21 February 2017 in this reporting month.

6.1.6. Traffic noise was observed during monitoring 07, 13 and 21 February 2017 and were considered as the major noise contribution. As such, the limit level exceedance was concluded as non-project related.

Contract no. HY/2010/08 – Central-Wanchai Bypass – Tunnel (Slip Road 8 Section) under FEP-10/364/2009/B

6.1.7. No exceedance was recorded in the reporting month.

Contract no. HY/2011/08 Central –Central - Wan Chai Bypass (CWB) –Tunnel Buildings, Systems and Fittings, and Works Associated with Tunnel Commissioning under FEP-11/364/2009/E

6.1.8. No exceedance was recorded in the reporting month.

Real Time Noise Monitoring

Contract no. HY/2009/19 – Central – Wanchai Bypass Tunnel (North Point Section) and Island Eastern Corridor Link under FEP-07/364/2009/D

6.1.9. No limit level exceedance was recorded at RTN1-FEHD Hong Kong Transport Section Whitfield Depot was recorded in the reporting month.

6.1.10. Limit level exceedances were recorded at RTN2a- Hong Kong Electric Centre on 03, 04, 07, 09, 11, 13 to 17, and 21 to 25 February 2017 during daytime in the reporting month. After checking with Contractor of HY/2009/19, on 03 and 04 February 2017, no works was conducted around the monitoring station under Contract HY/2009/19.

On 07 and 09 February 2017, Re-boring, sheet piling and sheet pile extraction were conducted under Contract HY/2009/19 and temporary noise barrier was provided along the site boundary by the Contractor of HY/2009/19.

On 11 and 13 February 2017, no works was conducted around the monitoring station under Contract HY/2009/19.

On 14 and 15 February 2017, Re-boring, sheet piling and sheet pile extraction were conducted under Contract HY/2009/19 and temporary noise barrier was provided along the site boundary by the Contractor of HY/2009/19.

On 16 and 17 February 2017, Pre-boring and sheet piling were conducted under Contract HY/2009/19 and temporary noise barrier was provided along the site boundary by the Contractor of HY/2009/19.

On 21, 22, 23 February 2017, Pre-boring and sheet piling and administration building concrete junction trimming works were conducted under Contract HY/2009/19 and temporary noise barrier was provided along the site boundary by the Contractor of HY/2009/19.

On 24, 25 February 2017, Pre-boring and sheet piling installation/ extraction and administration building concrete junction trimming works were conducted under Contract HY/2009/19 and temporary noise barrier was provided along the site boundary by the Contractor of HY/2009/19.

Nevertheless, building construction works with breaking and hammering works under non-CWB private development site at Oil Street was conducted at the building level adjacent to the noise monitoring station and were considered as the major noise contribution across the monitoring period in February. As such, the exceedances were considered as non-Project related.

6.1.11. No limit level exceedances were recorded at RTN3- Yu Lee Mo Fan Memorial School in the reporting month.

6.1.12. No limit level exceedance was recorded at RTN4- Causeway Bay Community Centre in the reporting month.

Contract no. HY/2011/08 Central –Central - Wan Chai Bypass (CWB) –Tunnel Buildings, Systems and Fittings, and Works Associated with Tunnel Commissioning under FEP-11/364/2009/EF

6.1.13. No limit level exceedance was recorded at RTN1-FEHD Hong Kong Transport Section Whitfield Depot was recorded in the reporting month.

6.1.14. Limit level exceedances were recorded at RTN2a- Hong Kong Electric Centre on 03, 04, 07, 09, 11, 13 to 17, and 21 to 25 February 2017 during daytime in the reporting month. After checking with Contractor of HY/2011/08, formwork and bar fixing works were conducted at the Administration Building Area on 03, 04, 07, 09, 11, 13 to 15 February 2017 and formwork and bar fixing works and concreting works were conducted on 16, 17, 21 to 25 February 2017 at the Administration Building Area and no major noise emanation were considered.

Nevertheless, Non CWB Project building construction works with drilling and breaking works opposite to the monitoring station at Oil Street were observed across February 2017 and observed as the major noise contribution throughout the monitoring period. In view of the above, the exceedances were considered as non-Project related.

6.1.15. No limit level exceedance was recorded at RTN4- Causeway Bay Community Centre Hong Kong Transport Section Whitfield Depot was recorded in the reporting month

6.2 Air Quality Monitoring

Contract no. HY/2009/18 – Central – Wan Chai Bypass (CWB) – Central Interchange under FEP-05/364/2009/A

6.2.1. No exceedance was recorded in the reporting month.

Contract no. HK/2009/01 – Wan Chai Development Phase II – Central – Wan Chai Bypass at Hong Kong Convention and Exhibition Centre – Tunnel Works under FEP-02/364/2009

6.2.2. One 1hr TSP action level exceedance was recorded at CMA5b on 02 February 2017.

6.2.3. No construction works was undertaken on 02 February 2017 around Pedestrian Plaza under Contract HK/2009/01, no particular observation regarding air quality impact was observed during sampling. In view of the above, the action level exceedance was considered to be non-project related and potentially contributed by local ambient condition.

6.2.4. One 24hr TSP action level exceedance was recorded at CMA5b on 18 February 2017.

6.2.5. No construction works was undertaken on 18 February 2017 around Pedestrian Plaza under Contract HK/2009/01, no particular observation regarding air quality impact was observed during sampling. In view of the above, the action level exceedance was considered to be non-project related and potentially contributed by local ambient condition such as road traffic next to the monitoring station.

Contract no. HK/2009/02 – Wan Chai Development Phase II – Central – Wan Chai Bypass at Wan Chai East (CWB Tunnel) under FEP-01/364/2009

- 6.2.6. No exceedance was recorded in the reporting month.

Contract no. HY/2009/15 – Central-Wanchai Bypass – Tunnel (Causeway Bay Typhoon Shelter Section) FEP-06/364/2009/A

- 6.2.7. No exceedance was recorded in the reporting month.

Contract no. HY/2009/19 – Central – Wanchai Bypass Tunnel (North Point Section) and Island Eastern Corridor Link under FEP-07/364/2009/D

- 6.2.8. No exceedance was recorded in the reporting month.

Contract no. HK/2012/08 Wan Chai Development Phase II - Central-Wan Chai Bypass at Wan Chai West under FEP-12/364/2009/D

- 6.2.9. One 1hr TSP action level exceedance was recorded at CMA5b on 02 February 2017.

- 6.2.10. Despite formwork erection and rebar fixing was undertaken on 02 February 2017 around Pedestrian Plaza under Contract HK/2012/08, no particular observation regarding air quality impact was observed during sampling. In view of the above, the action level exceedance was considered to be non-project related and potentially contributed by local ambient condition.

- 6.2.11. One 24hr TSP action level exceedance was recorded at CMA5b on 18 February 2017.

- 6.2.12. Despite formwork erection and rebar fixing was undertaken on 18 February 2017 around Pedestrian Plaza under Contract HK/2012/08, no particular observation regarding air quality impact was observed during sampling. In view of the above, the action level exceedance was considered to be non-project related and potentially contributed by local ambient condition such as road traffic next to the monitoring station.

Contract no. HY/2010/08 – Central-Wanchai Bypass – Tunnel (Slip Raod 8 Section) under FEP-10/364/2009/B

- 6.2.13. No exceedance was recorded in the reporting month.

Contract no. HY/2011/08 Central –Central - Wan Chai Bypass (CWB) –Tunnel Buildings, Systems and Fittings, and Works Associated with Tunnel Commissioning under FEP-11/364/2009/E

- 6.2.14. No exceedance was recorded in the 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 and monitoring 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 and monitoring in the reporting period.

7 CUMULATIVE CONSTRUCTION IMPACT DUE TO THE CONCURRENT PROJECTS

- 7.0.1. According to Condition 3.4 of the EP-364/2009/E, 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 road works, backfilling works and reinstatement of Culvert and Cooling main were performed in February 2017 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, road and drains, building demolition and tunnel works at Wan Chai East, tunnel construction and backfilling works 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, reinstatement of Eastern Breakwater, 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 quality impact from construction activities was anticipated in the reporting month. Besides, no project related exceedance was recorded during the air quality 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. During this reporting month, weekly environmental site audits were conducted for Contracts no. HY/2009/15, HY/2009/18, HY/2009/19, HK/2012/08, HK/2009/01, HK/2009/02, HY/2010/08 and HY/2011/08. No non-conformance was identified during the site audits. The Contractors rectified major observations and recommendations made during the audit sessions. No non-conformance was identified during the site inspections.

8.0.2. Site inspections for Contract no. HY/2009/15 were carried out during this reporting period. The results of these inspections and outcomes are summarized in **Table 8.1**.

Table 8.1 Summary of Environmental Inspections for Contract no. HY/2009/15

Item	Date	Observations	Action taken by Contractor	Completion date
170214_1	14 Feb 2017	Refuse sitting on the edge of breakwater shall be cleaned regularly (Eastern Breakwater)	Refuses sitting on the edge of breakwater was cleaned	Completion as observed on 21 Feb 2017

8.0.3. Site inspections for Contract no. HY/2009/18 were carried out during this reporting period. No observation was found in the reporting month

8.0.4. Site inspections for Contract no. HY/2009/19 were carried out during this reporting period. No observation was found in the reporting month.

8.0.5. Site inspections for Contract no. HK/2009/01 was carried out during this reporting period. No observation was found in the reporting month.

8.0.6. Site inspections for Contract no. HK/2009/02 were carried out during this reporting period. The results of these inspections and outcomes are summarized in **Table 8.5**.

Table 8.5 Summary of Environmental Inspections for Contract no. HK/2009/02

Item	Date	Observations	Action taken by Contractor	Completion date
170216_1	16 Feb 2017	Proper NRMM Label with correct information shall be provided to powered mechanical equipment (Portion 3 & 4)	Proper NRMM label was provided at the captioned mechanical machine at Portion 3 & 4.	Completion as observed on 21 February 2017.

8.0.7. Site inspection for Contract no. HK/2012/08 were carried out during this reporting period. The results of these inspections and outcomes are summarized in **Table 8.6**.

Table 8.6 Summary of Environmental Inspections for Contract no. HK/2012/08

Item	Date	Observations	Action taken by Contractor	Completion date
170201_01	1-Feb-17	Contractor is needed to review the operation process of the concerned concrete machine near MVB area and provide	The concerned machinery has been reviewed by the contractor and it is operating at a	Completion as observed on 7 Feb 2017.

Item	Date	Observations	Action taken by Contractor	Completion date
		necessary action to prevent dust emission to nearby sensitive receiver.	controlled manner. No related dust emission was further observed.	

8.0.8. Site inspections for Contract no. HY/2010/08 were carried out during this reporting period. The results of these inspections and outcomes are summarized in **Table 8.7**.

Table 8.7 Summary of Environmental Inspections for Contract no. HY/2010/08

Item	Date	Observations	Action taken by Contractor	Completion date
170210_1	10 Feb 2017	Dust mitigation shall be provided to breaking works to avoid dust emission (Victoria Park)	No further breaking works was observed	Completion as observed on 15 Feb 2017
170210_2	10 Feb 2017	Proper drip tray with sides shall be provided for chemical containers (TS3)	Drip tray was provided to chemical container	Completion as observed on 15 Feb 2017
170215_1	15 Feb 2017	Embankment and protection along site boundary shall be reinforce to avoid surface runoff to public area (TS3)	No further surface runoff was observed	Completion as observed on 22 Feb 2017
170215_2	15 Feb 2017	Proper covering shall be provided to stockpile and dust suppression measure shall be provided during operation (Victoria Park)	Covering was provided to stockpile stored on-site	Completion as observed on 22 Feb 2017
170222_1	22 Feb 2017	NRMM Label shall be provided to powered mechanical equipment (TS3)	NRMM Label was provided to the concerned PME	Completion as observed on 2 Mar 2017

8.0.9. Site inspections for Contract no. HY/2011/08 were carried out during this reporting period. The results of these inspections and outcomes are summarized in **Table 8.8**.

Table 8.8 Summary of Environmental Inspections for Contract no. HY/2010/08

Item	Date	Observations	Action taken by Contractor	Completion date
170210_1	10 Feb 2017	Dust mitigation shall be provided to breaking works to avoid dust emission (Victoria Park)	No further breaking works was observed	Completion as observed on 15 Feb 2017

9 COMPLAINTS, NOTIFICATION OF SUMMONS AND PROSECUTION

9.0.1. Two environmental complaints were received in the reporting month.

9.0.2. First ICC public complaint referred by RSS was received by ET on 24 February 2017 (Case Ref.: H08/RS/00001175-17). The complainant reported that noise was emanated from the construction site near Victoria Park Swimming Pool between 2300hrs to 2400hrs in the past months and caused nuisance. ET confirmed with the Resident Site Staff that no works was conducted under Contract HY/2010/08 near Victoria Park Swimming Pool (Hing Fat Street) during the restricted hours (from 1900hrs to 0700hrs on the following day) from 21 December 2016 to 20 February 2017.

No works was conducted under Contract HY/2010/08 near Victoria Park Swimming Pool (Hing Fat Street) during the restricted hours (from 1900hrs to 0700hrs on the following day) from 21 December 2016 to 20 February 2017.

Nevertheless, in view of the public concern, the Contractor of HY/2010/08 was reminded to maintain the site control system for construction works carried out during restricted hours to ensure the PMEs deployed are in compliance with relevant Construction Noise Permit. The Contractor of HY/2010/08 was also reminded to maintain regular maintenance of the plant and equipment deployed to avoid potential nuisance to the nearby public

9.0.3. Second ICC complaint referred by RSS was received by ET on 24 February 2017 (CASE#2-3515474831). The complainant reported that noise was emanated from the construction site near Victoria Park Swimming Pool and Causeway Bay Typhoon Shelter between 1900hrs to 2400hrs in the past months and caused nuisance.

ET confirmed with the Resident Site Staff that concreting of tunnel structure at Temporary Reclamation Area TS3 were conducted under Contract HY/2010/08 between 1900hrs and 2300hrs on 13, 14, 15, 16 and 18 February 2017. Total 3 nos. of concrete pump and 6 nos. of concrete lorry mixers were operated. Concreting of tunnel structure at Temporary Reclamation Area TS3 were conducted under Contract HY/2010/08 between 1900hrs and 2100hrs on 21 February 2017. Total 3 nos. of concrete pump and 6 nos. of concrete lorry mixers were operated. Concreting of tunnel structure at Zone C was conducted under Contract HY/2010/08 between 1900hrs to 2300hrs on 17 and 20 February 2017. Total 1 no. of concrete pump and 2 nos. of concrete mixers were operated. Bar bending at Zone C was conducted under Contract HY/2010/08 between 1900hrs to 2300hrs on 13, 14, 15, 16, 18 and 19 February 2017. Total 1 no. bar bender and cutter was operated. No works was conducted under Contract HY/2010/08 near Victoria Park Swimming Pool (Hing Fat Street) during the restricted hours (from 1900hrs to 0700hrs on the following day) across the period from 13 February 2017 to 21 February 2017.

Based on the site records confirmed by RSS, no works was conducted under Contract HY/2010/08 near Victoria Park Swimming Pool (Hing Fat Street) during the restricted hours (from 1900hrs to 0700hrs on the following day) from 13 February 2017 to 20 February 2017. Concreting of tunnel structure at Temporary Reclamation Area TS3 was conducted under Contract HY/2010/08 between 1900hrs and 2300hrs on 13, 14, 15, 16 and 18 February 2017 and total 3 nos. of concrete pumps and 6 nos. of concrete lorry mixers were operated. Concreting of tunnel structure at Temporary Reclamation Area TS3 were conducted under Contract HY/2010/08 between 1900hrs and 2100hrs on 21 February 2017 and total 3 nos. of concrete pump and 6 nos. of concrete lorry mixers were operated. Relevant Construction Noise Permit GW-RS0029-17 was in place while it is considered that there is no sufficient information to indicate whether the Powered Mechanical Equipment were deployed at the designed location stipulated under the relevant Construction Noise Permit with noise mitigation measures required.

Concreting of tunnel structure at Zone C was conducted under Contract HY/2010/08 between 1900hrs to 2300hrs on 17 and 20 February 2017. Total 1 no. of concrete pump and 2 nos. concrete mixers were operated. Bar bending at Zone C was conducted under Contract HY/2010/08 between 1900hrs to 2300hrs on 13, 14, 15, 16, 18 and 19 February 2017 and total 1 no. bar bender and cutter was operated. Relevant Construction Noise Permit GW-RS1366-13 was in place while it is considered that there is no sufficient information to indicate whether the Powered Mechanical Equipment were deployed at the designed location stipulated under the relevant Construction Noise Permit with noise mitigation measures required.

Nevertheless, further to the joint ad-hoc inspection conducted by the ET/IEC on 13 February 2017 during restricted hours (between 1900hrs to 2200hrs), concurrent operations of 4 nos. of concrete lorry trucks at the Southern Side of TS3 near Construction Site Entrance and concurrent operations of 2 nos. of concrete lorry pumps and 2 nos. of concrete lorry truck at Western and Northern Side of TS3 were observed while the temporary noise barrier provided for the concrete lorry pump and concrete lorry truck at the Northern Side of TS3 could not screen entirely the concrete lorry truck and concrete lorry pump (Located at Northern Side of TS3) from nearby sensitive receivers. Therefore, it is considered that the above operations observed could not follow the PME grouping requirement and the specific condition 3.d.4 under the relevant Construction Noise Permit.

In view of the above, the Contractor of HY/2010/08 was advised to enhance the site supervision and strictly implement the site control system for construction works carried out during restricted hours to ensure the PMEs deployed strictly comply with relevant Construction Noise Permit. The Contractor of HY/2010/08 was also reminded to maintain regular maintenance of the plant and equipment deployed to avoid potential nuisance to the nearby public.

- 9.0.4. The details of cumulative complaint log and updated summary of complaints are presented in **Appendix 9.1**
- 9.0.5. 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
February 2017	2
September 2010 – January 2017	73
Total	75

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
Noise	-	0	0
Water	-	0	0
Waste	-	0	0
Total	-	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
HY/2009/15	<ul style="list-style-type: none"> Remedial works inside tunnel structure at Mined Tunnel, TS4, TPCWAE and TPCWAW Reinstatement of drainage pipes and manhole at TPCWAE 	<ul style="list-style-type: none"> Dust control during dust generating activities and covering for stockpile stored on site. Provide protection works and adequate drainage system to ensure no direct discharge into public drainage system or the nearby water. Maintain regular cleaning of floating refuses within construction area.
HY/2009/18	<ul style="list-style-type: none"> Drainage works Road works Landscaping works Maintenance works 	<ul style="list-style-type: none"> Dust control during dust generating activities Provide protection works to ensure no runoff out of site area or direct discharge into public drainage system.

HY/2009/19	<ul style="list-style-type: none"> • Approach ramp sheet piling, pre-bored piling and top soil removal works • Hing Fat Street modification works • Bridge Demolition / Construction • Hotel Carpark Reinstatement • Oil Street drainage works • Bridge E noise barrier installation • IEC noise enclosure/barrier installation • Excavation / Construction of retaining wall 	<ul style="list-style-type: none"> • Noise level shall be controlled by reducing the breaking operation rate. • Noise barrier shall be implemented • Dust control during dust generating works • Provide protection works and adequate drainage system to ensure no direct discharge into public drainage system or the sea.
HK/2009/01	<ul style="list-style-type: none"> • Reinstatement of amenity area • Road and Drain works 	<ul style="list-style-type: none"> • Provide protection works and adequate drainage system to ensure no direct discharge into public drainage system or the sea. • Dust control during dust generating works • Noise mitigation measures during breaking works

<p>HK/2009/02</p>	<ul style="list-style-type: none"> • Rectification works for cross road ducts • Rectification works for cracks/joints with water leakage inside OHVD cells • Rectification works for out of tolerance cross passage CP22 • Removal works for ELS S1 layer. • Concreting of mass concrete underneath HHR flyover. • Tunnel backfilling & construction of seawall foundation with Grade 400 rock fill. • Construction of temporary wall for Hung Hing Road Flyover. • Demolition works for HHR flyover abutment. • Concreting blinding layer for HHR flyer. • Rebar fixing for HHR flyover. • Demolition of D-Wall • Remedial works of tunnel wall, base slab and OHVD. • General cleaning and rectification works of OHVD, tunnel base slab, carrier drain, cross road duct and manhole gully. • Rectification works for out of tolerance cross passage CP23 • Rebar fixing and concreting of base slab and walls. • Waterproofing membrane laying works for side walls. 	<ul style="list-style-type: none"> • Dust control during dust generating works • Proper maintenance boundary surface runoff protection and water treatment facilities to avoid potential runoff related impact. • Provision of protection measures to ensure no runoff out of site area or direct discharge into public drainage system.
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HK/2009/02	<ul style="list-style-type: none"> • Removal works for ELS S2 & S3 layer. • Rebar fixing and concreting of roadside barrier. • Erect scaffolding for OHVD slab. • Rebar fixing and concreting of OHVD slab. • Relocation of the pillar. • Excavation works for trial pit for the 132kV HK Electric cables. 	
HK/2012/08	<ul style="list-style-type: none"> • Grouting • Construction of MVB and CWB Tunnel and Slip Road 1 • Construction of concrete plug • Lateral support installation for CWB tunnel, Slip Road 1, Plant Room and Exhaust Duct • Bulkhead removal • Back-filling at CWB tunnel 	<ul style="list-style-type: none"> • Dust control during dust generating works • Provide protection works and adequate drainage system to ensure no direct discharge into public drainage system.
HY/2010/08	<ul style="list-style-type: none"> • Tree protection works next to existing BGO, • Drainage improvement works, • Excavation and Lateral Support for U-structure, • Utility diversion works, • Retaining wall works • ELS works, • Construction works for subway extension 	<ul style="list-style-type: none"> • Dust control during dust generating works and stockpile stored on site. • Appropriate measures should be taken to ensure adequate protections are provided for trees being transplanted and retained on site. • Provision of protection to ensure no runoff out of site area or direct discharge into public drainage system.

HY/2011/08	<ul style="list-style-type: none"> • Construction of Ventilation Buildings, inclusive of Administration Building, East Ventilation Shaft/Building, West Ventilation Building • Construction of Tunnel Thermal Barrier • Installation of Electricals and Mechanicals • Installation of Tunnel Features 	<ul style="list-style-type: none"> • Dust control during dust generating works
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10.0.3. The construction works of Contract no. 04/HY/2006 – Reconstruction of Bus Terminus near Man Yiu Street and Man Kwong Street under FEP-04/364/2009/A was completed, and the FEP was surrendered by the Contractor on 11 February 2011.

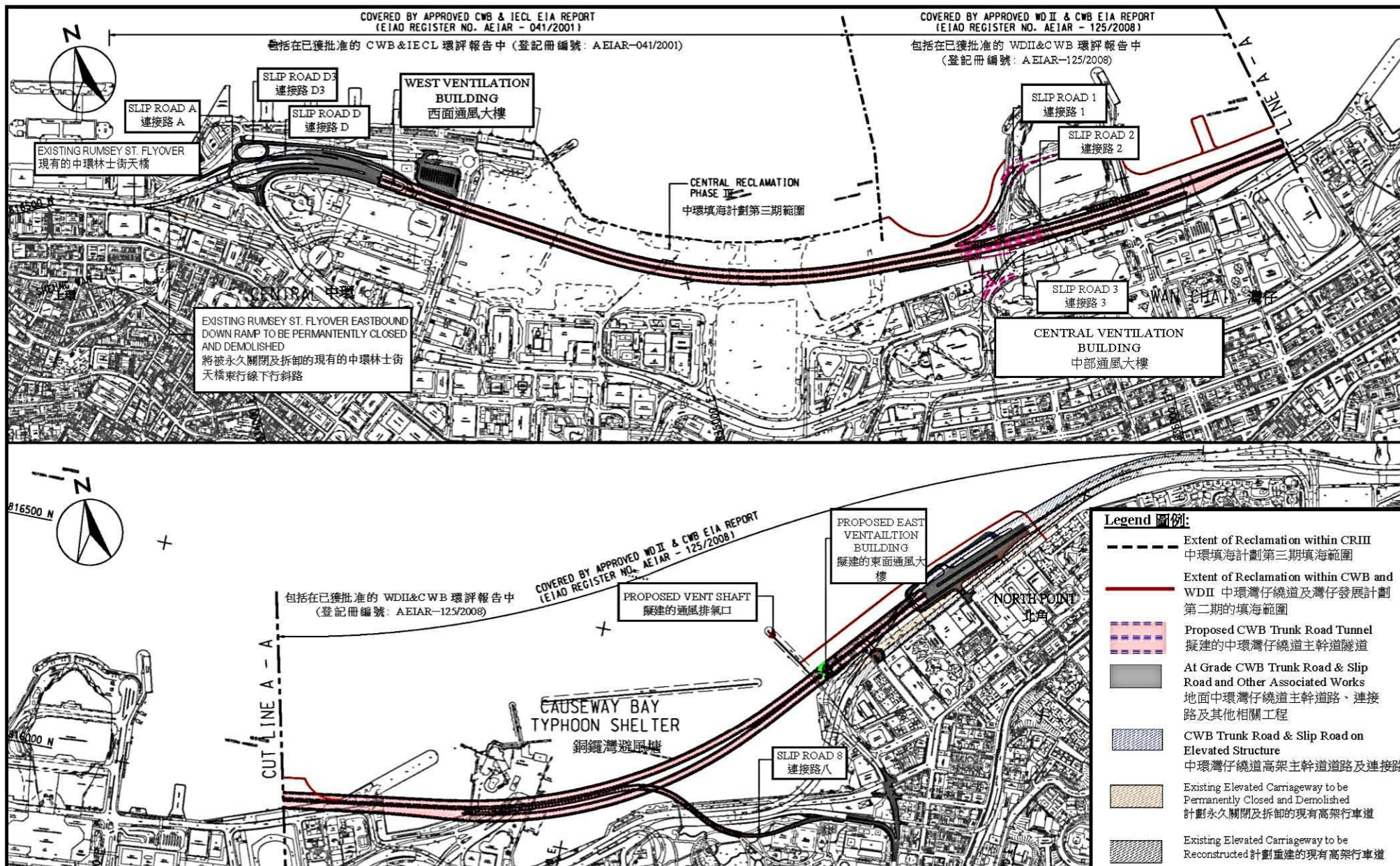
10.0.4. The construction works of Contract no. HY/2009/17 - Advance piling works at Whitfield Depot under FEP-03/264/2009 was completed, and the FEP was surrendered by the Contractor and found in order by EPD on 25 April 2013.

10.0.5. The construction works of Contract HK/2010/06 was completed, and the FEP-08/364/2009/A was surrendered by the Contractor on 3 October 2014.



Figure 2.1

Project Layout



Project Title: Central-Wanchai Bypass (CWB) Including Its Road Tunnel and Slip Roads
工程項目名稱: 中環灣仔繞道包括其行車隧道及連接路

Environmental Permit No.: EP-364/2009/E
環境許可證編號: EP-364/2009/E

Figure 1: Location of the Project
圖 1: 工程項目位置

(This figure was prepared based on Figure 1.1 of the Application for Environmental Permit (Application No.: AEP-364/2009))
(本圖是根據環境許可證的申請(申請書編號 AEP-364/2009 圖 1.1 編製))



Figure 2.2

Project Organization Chart



Project Organization Chart

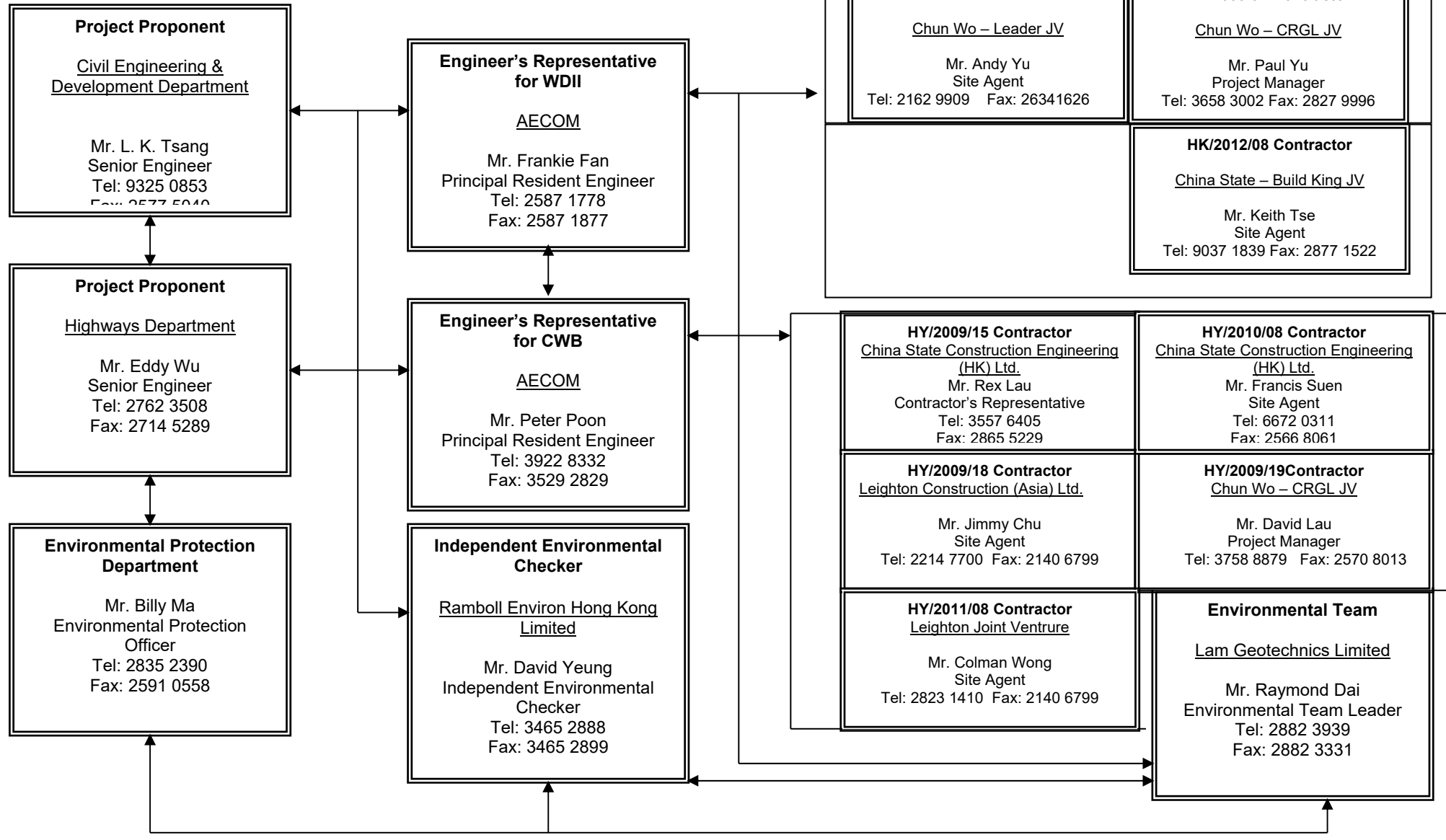


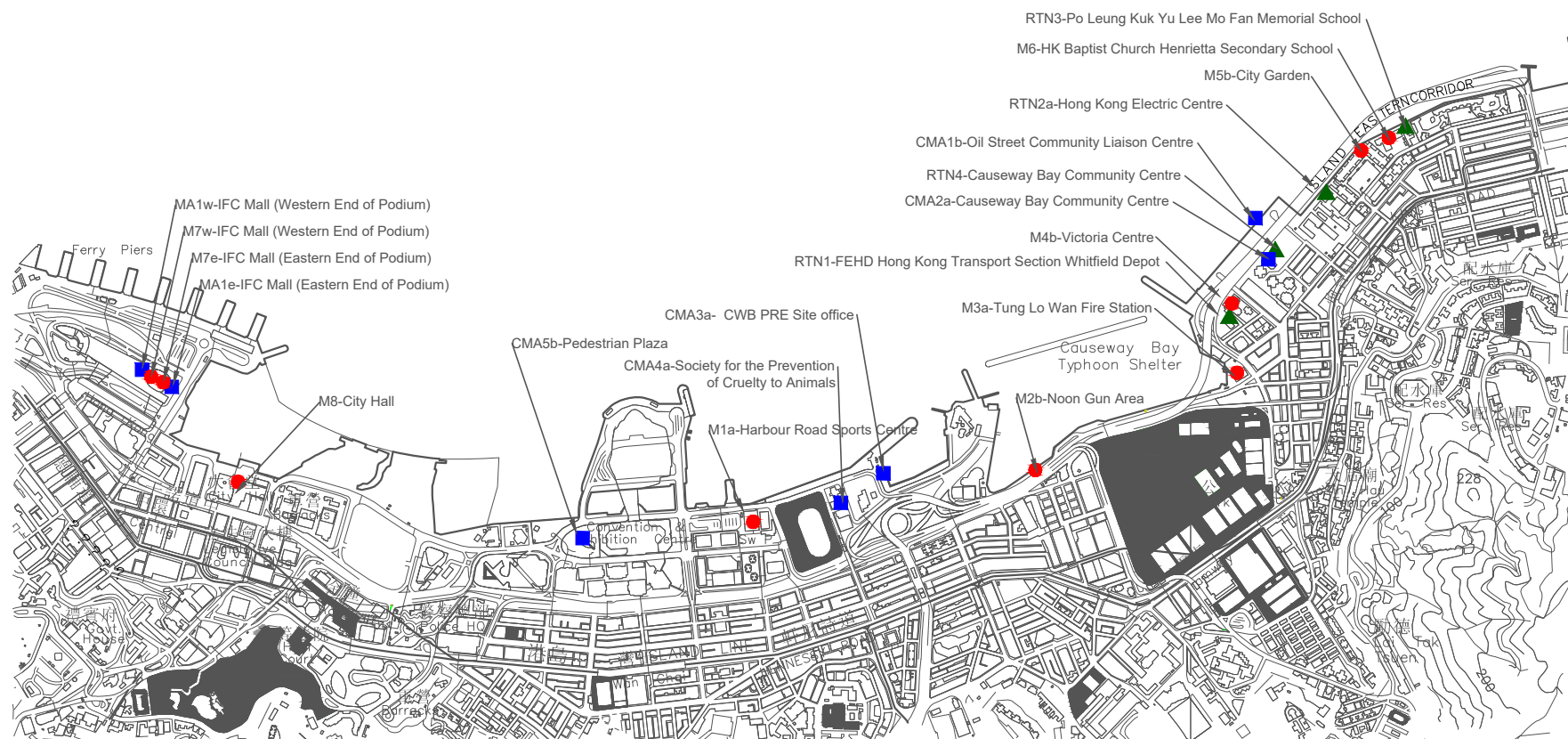


Figure 4.1

Locations of Monitoring Stations

Legend

- Noise Monitoring Station
- Air Quality Monitoring Station
- ▲ Real-time Noise Monitoring Station



LOCATIONS OF AIR QUALITY AND NOISE MONITORING STATIONS



Appendix 3.1

Environmental Mitigation Implementation Schedule

IMPLEMENTATION SCHEDULE OF THE PROPOSED MITIGATION MEASURES**Table A.1 Implementation Schedule for Air Quality Control**

WDII & CWB EIA Report Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Implementation Stages*				Relevant Legislation and Guidelines
				Des	C	O	Dec	
Construction Phase								
S3.6.5	Four times a day watering of the work site with active operations.	Work site / during construction	Contractor		√			EIAO-TM
S3.8.1	Implementation of dust suppression measures stipulated in Air Pollution Control (Construction Dust) Regulation. The following mitigation measures, good site practices and a comprehensive dust monitoring and audit programme are recommended to minimise cumulative dust impacts. <ul style="list-style-type: none">Strictly limit the truck speed on site to below 10 km per hour and water spraying to keep the haul roads in wet condition;Watering during excavation and material handling;Provision of vehicle wheel and body washing facilities at the exit points of the site, combined with cleaning of public roads where necessary; andTarpaulin covering of all dusty vehicle loads transported to, from and between site locations.	Work site / during construction	Contractor		√			
Operational Phase								
S3.6.53 – S3.6.54	The design parameters of the East and Central Ventilation Buildings as set in Tables 3.10 and 3.11 of Volume 1 of the WDII & CWB EIA Report.	East and Central Ventilation Buildings / During operation of the Trunk Road	HyD			√		
S3.10.2	Air quality monitoring for the operation performance of the East Ventilation Building and associated East Vent Shaft will be conducted.	East Vent Shaft / During operation of the East Ventilation Building and associated East Vent Shaft	HyD			√		EIAO-TM

* Des - Design, C - Construction, O – Operation, and Dec - Decommissioning

Table A.2 Implementation Schedule for Noise Control

WDII & CWB EIA Report Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Implementation Stages*				Relevant Legislation and Guidelines
				Des	C	O	Dec	
Construction Phase								
S4.9.3	Good Site Practice: <ul style="list-style-type: none">Only well-maintained plant shall be operated on-site and plant shall be serviced regularly during the construction program.Silencers or mufflers on construction equipment shall be utilized and shall be properly maintained during the construction program.Mobile plant, if any, shall be sited as far away from NSRs as possible.Machines and plant (such as trucks) that may be in intermittent use shall be shut down between works periods or shall be throttled down to a minimum.Plant known to emit noise strongly in one direction shall, wherever possible, be orientated so that the noise is directed away from the nearby NSRs.Material stockpiles and other structures shall be effectively utilized, wherever practicable, in screening noise from on-site construction activities.	Work Sites / During Construction	Contractor		√			EIAO-TM, NCO
S4.8.1 – S4.8.11	Use of quiet powered mechanical equipment, movable noise barrier and temporary noise barrier for the following tasks: <ul style="list-style-type: none">Slip road 8 tunnelConstruction of diaphragm wall and substructures of the tunnel approach rampExcavationConstruction of slabsBackfill	Work Sites / During Construction	Contractor		√			EIAO-TM, NCO

WDH & CWB EIA Report Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Implementation Stages*				Relevant Legislation and Guidelines
				Des	C	O	Dec	
	<ul style="list-style-type: none"> Demolition and construction of substructures for the IEC Demolition works of existing piers and crossheads of the marine section of the existing IEC <p>Use of PME grouping for the following tasks:</p> <ul style="list-style-type: none"> At-grade road construction Substructure for IECL connection 							
Operation Phase								
S4.8.12 – S4.8.23	<p>For Existing NSRs</p> <ul style="list-style-type: none"> about 235m length of noise semi-enclosure with transparent panel covering the westbound slip road from the IEC about 230m length of noise semi-enclosure with transparent panel covering the main carriageways (eastbound and westbound) of the CWB and IEC about 135m length of 5.5m high cantilevered noise barrier with 4.5m cantilever inclined at 45° with transparent panel on the eastbound slip road to the IEC (amended under EP-364/2009/A) about 95m length of 5.5m high cantilevered noise barrier with 1m cantilever inclined at 45° with transparent panel on the eastbound slip road to the IEC about 350m length of 3.5m high vertical noise barrier with transparent panel on the eastbound slip road to the IEC low noise road surfacing for the trunk road (except tunnel section and beneath the landscaped deck at the eastern portal area)) with speed limit of 70 km/hour 	Near North Point / Before commencement of operation of road project	HyD	√	√	√		EIAO-TM

WDH & CWB EIA Report Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Implementation Stages*				Relevant Legislation and Guidelines
				Des	C	O	Dec	
	<p>For Future/Planned NSRs</p> <ul style="list-style-type: none"> about 265m length of noise semi-enclosure with transparent panel covering the westbound slip road from the IEC The openable windows of the temple, if any, should be orientated so as to avoid direct line of sight to the existing Victoria Park Road as far as practicable. 	<p>In between the Electric Centre (next to City Garden) and CDA(1) site / Before occupation of Planned NSRs in CDA and CDA(1) sites.</p> <p>Near Causeway Bay Fire Station / During detailed design of the re-provisioned Tin Hau Temple</p>	<p>HyD</p> <p>Project Proponent for the re-provisioned Tin Hau Temple</p>	<p>√</p> <p>√</p>	<p>#</p>			

* Des - Design, C - Construction, O – Operation, and Dec - Decommissioning

Only the steel frame for this section of noise semi-enclosure would be erected in advance during the construction of the westbound slip road.

Table A.4 Implementation Schedule for Waste Management

WDII & CWB EIA Report Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Implementation Stages*				Relevant Legislation and Guidelines
				Des	C	O	Dec	
Construction Phase								
S6.5.14	<i>Floating Refuse</i> During the construction phase, the project proponent’s contractor will be responsible for the collection of any refuse within their works area. Floating booms will be provided on the water surface to confine the refuse from the working barges as well as to avoid the accumulation of pollutants within temporary embayment as mentioned in Table D9.3.	Work site / During the construction period	Contractor		√			
S6.6.1	<i>Good Site Practices</i> Recommendations for good site practices during the construction activities include: <ul style="list-style-type: none">• nomination of an approved person, such as a site manager, to be responsible for good site practices, arrangements for collection and effective disposal to an appropriate facility, of all wastes generated at the site;• training of site personnel in proper waste management and chemical waste handling procedures;• provision of sufficient waste disposal points and regular collection for disposal;• appropriate measures to minimise windblown litter and dust during transportation of waste by either covering trucks or by transporting wastes in enclosed containers;• regular cleaning and maintenance programme for drainage systems, sumps and oil interceptors; and• a recording system for the amount of wastes generated, recycled and disposed of (including the disposal sites).	Work site / During the construction period	Contractor		√			Waste Disposal Ordinance (Cap.354)

WDH & CWB EIA Report Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Implementation Stages*				Relevant Legislation and Guidelines
				Des	C	O	Dec	
S6.6.2	<p><i>Waste Reduction Measures</i></p> <p>Waste reduction is best achieved at the planning and design stage, as well as by ensuring the implementation of good site practices. Recommendations to achieve waste reduction include:</p> <ul style="list-style-type: none"> • segregation and storage of different types of waste in different containers, skips or stockpiles to enhance reuse or recycling of materials and their proper disposal; • to encourage collection of aluminium cans, PET bottles and paper, separate labelled bins shall be provided to segregate these wastes from other general refuse generated by the work force; • any unused chemicals or those with remaining functional capacity shall be recycled; • use of reusable non-timber formwork, such as in casting the tunnel box sections, to reduce the amount of C&D material. • prior to disposal of C&D waste, it is recommended that wood, steel and other metals shall be separated for re-use and / or recycling to minimise the quantity of waste to be disposed of to landfill; • proper storage and site practices to minimise the potential for damage or contamination of construction materials; and • plan and stock construction materials carefully to minimise amount of waste generated and avoid unnecessary generation of waste. 	Work site / During planning and design stage, and construction stage	Contractor	√	√			

WDII & CWB EIA Report Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Implementation Stages*				Relevant Legislation and Guidelines
				Des	C	O	Dec	
S6.6.4	<p><i>General Refuse</i></p> <p>General refuse shall be stored in enclosed bins or compaction units separate from C&D material. A licensed waste collector shall be employed by the contractor to remove general refuse from the site, separately from C&D material.</p> <p>A collection area shall be provided where wastes can be stored and loaded prior to removal from site. An enclosed and covered area is recommended to reduce the occurrence of 'wind blow' light material.</p>	Work site / During the construction period	Contractor		√			Public Health and Municipal Services Ordinance (Cap. 132)
S6.6.5	<p><i>Chemical Wastes</i></p> <p>After use, chemical wastes (for example, cleaning fluids, solvents, lubrication oil and fuel) shall be handled according to the Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes. Spent chemicals shall be collected by a licensed collector for disposal at the CWTF or other licensed facility in accordance with the Waste Disposal (Chemical Waste) (General) Regulation.</p>	Work site / During the construction period	Contractor		√			<p>Waste Disposal (Chemical Waste) (General) Regulation</p> <p>Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes</p>
S6.6.6	<p><i>Construction and Demolition Material</i></p> <p>C&D material shall be sorted on-site into inert C&D material (that is, public fill) and C&D waste. All the suitable inert C&D material shall be broken down to 250 mm in size for reuse as public fill in the WDII reclamation. C&D waste, such as wood, glass, plastic, steel and other metals shall be reused or recycled and, as a last resort, disposed of to landfill. A suitable area shall be designated to facilitate the sorting process and a temporary stockpiling area will be required for the separated materials.</p>	Work site / During the construction period	Contractor		√			ETWB TCW No. 33/2002, 31/2004, 19/2005

WDH & CWB EIA Report Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Implementation Stages*				Relevant Legislation and Guidelines
				Des	C	O	Dec	
S6.6.7	In order to monitor the disposal of public fill and C&D waste at public fill reception facilities and landfills, respectively, and to control fly tipping, a trip-ticket system shall be included as one of the contractual requirements and implemented by the Environmental Team undertaking the environmental monitoring and audit work. An Independent Environment Checker shall be responsible for auditing the results of the system.	Work site / During the construction period	Contractor and Independent Environmental Checker		√			ETWB TCW No. 31/2004
S6.6.8	<p><i>Bentonite Slurry</i></p> <p>The disposal of residual used bentonite slurry shall follow the good practice guidelines stated in ProPECC PN 1/94 "Construction Site Drainage" and listed as follows:</p> <ul style="list-style-type: none"> • If the disposal of a certain residual quantity cannot be avoided, the used slurry may be disposed of at the marine spoil grounds subject to obtaining a marine dumping licence from EPD on a case-by-case basis. • If the used bentonite slurry is intended to be disposed of through the public drainage system, it shall be treated to the respective effluent standards applicable to foul sewers, storm drains or the receiving waters as set out in the Technical Memorandum of Standards for Effluents Discharged into Drainage and Sewerage Systems, Inland and Coastal Waters. • If the used bentonite slurry is intended to be disposed to public fill reception facilities, it will be mixed with dry soil on site before disposal. 	Work site / During the construction period	Contractor		√			ProPECC PN 1/94

* Des - Design, C - Construction, O – Operation, and Dec - Decommissioning

Contract No. HK/2015/01

Wanchai Development Phase III and Central Wanchai Bypass

Sampling, Field Measurement and Testing Work (Stage 3)

Monthly EM&A Report

Table A.5 Implementation Schedule for Land Contamination

WDII & CWB EIA Report Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Implementation Stages*				Relevant Legislation and Guidelines
				Des	C	O	Dec	
Construction and Operation Phase								
S.7.1.1	As no potential contaminative land uses were identified within the Study Area, adverse land contamination impacts associated with the construction and operation of the Project is not expected. As such, environmental protection and mitigation measures are considered not necessary and will not be covered in this EM&A Manual.	-	-					-

* Des - Design, C - Construction, O – Operation, and Dec - Decommissioning

Table A.7 Implementation Schedule for Landscape and Visual

WDII & CWB EIA Report Ref	Environmental Protection Measures / Mitigation Measures		Location / Timing	Implementation Agent	Implementation Stages*				Relevant Legislation and Guidelines
					Des	C	O	Dec	
Construction Phase									
Table 10.5	CM1	Topsoil, where identified, shall be stripped and stored for re-use in the construction of the soft landscape works, where practical.	Work site / During Construction Phase	Contractor	√	√			EIAO TM
Table 10.5	CM2	Existing trees to be retained on site shall be carefully protected during construction.	Work site / During Construction Phase	Contractor	√	√			EIAO TM
Table 10.5	CM3	Trees unavoidably affected by the works shall be transplanted where practical.	Work site / During Construction Phase	Contractor	√	√			EIAO TM
Table 10.5	CM4	Compensatory tree planting shall be provided to compensate for felled trees.	Work site / During Construction Phase	Contractor	√	√			EIAO TM
Table 10.5	CM5	Control of night-time lighting.	Work site / During Construction Phase	Contractor		√			EIAO TM
Table 10.5	CM6	Erection of decorative screen hoarding compatible with the surrounding setting.	Work site / During Construction Phase	Contractor		√			EIAO TM
Operation Phase									
Table 10.6, Figure 10.5.1-10.5.5	OM1	Aesthetic design of buildings and road-related structures, including viaducts, vent buildings, subways, footbridges and noise barriers and enclosure.	Work site / During Design Stage and Operation Phases	HyD	√	√	√		ETWB TCW 2/2004
Table 10.6, Figure 10.5.1-10.5.5	OM3	Buffer Tree and Shrub Planting to screen proposed roads and associated structures.	Work site / During Design Stage and Operation Phases	HyD	√	√	√		ETWB TCW 2/2004
Table 10.6, Figure 10.5.1-10.5.5	OM5	Aesthetic streetscape design.	Work site / During Design Stage and Operation Phases	HyD	√	√	√		ETWB TCW 2/2004
Table 10.6, Figure 10.5.1-10.5.5	OM6	Aesthetic design of roadside amenity areas.	Work site / During Design Stage and Operation Phases	HyD	√	√	√		ETWB TCW 2/2004

*Des - Design, C - Construction, O – Operation, and Dec - Decommissioning



Appendix 4.1

Action and Limit Level



Action and Limit Level

Action and Limit Level for Noise Monitoring

Time Period	Action Level	Limit Level
07:00 – 19:00 hours on normal weekdays	When one documented complaint is received.	75 dB(A)/ 70 dB(A)/ 65 dB(A) ^{Note 1}

Note 1:

- 70dB(A) and 65 dB(A) for schools during normal teaching periods and school examination periods, respectively.
- If works are to be carried out during the restricted hours, the conditions stipulated in the Construction Noise Permit (CNP) issued by the Noise Control Authority have to be followed.

Action and Limit Level for Air Quality Monitoring

Monitoring Location	1-hour TSP Level in $\mu\text{g}/\text{m}^3$		24-hour TSP Level in $\mu\text{g}/\text{m}^3$	
	Action Level	Limit Level	Action Level	Limit Level
CMA1b	320.1	500	176.7	260
CMA2a	323.4	500	169.5	260
CMA3a	311.3	500	171.0	260
CMA4a	312.5	500	171.2	260
CMA5b	332.0	500	181.0	260
MA1e	325.1	500	173.4	260
MA1w	325.1	500	173.4	260



Appendix 4.2

Copies of Calibration Certificates



CERTIFICATE OF CALIBRATION

Certificate No.: 16CA1117 01-01

Page 1 of 2

Item tested

Description:	Sound Level Meter (Type 1)	Microphone
Manufacturer:	B & K	B & K
Type/Model No.:	2236	4188
Serial/Equipment No.:	2100736	2288941
Adaptors used:	-	-

Item submitted by

Customer Name: Lam Geotechnics Limited
Address of Customer: -
Request No.: -
Date of receipt: 17-Nov-2016

Date of test: 18-Nov-2016

Reference equipment used in the calibration

Description:	Model:	Serial No.	Expiry Date:	Traceable to:
Multi function sound calibrator	B&K 4226	2288444	18-Jun-2017	CIGISMEC
Signal generator	DS 360	33873	18-Apr-2017	CEPREI
Signal generator	DS 360	61227	18-Apr-2017	CEPREI

Ambient conditions

Temperature: 23 ± 1 °C
Relative humidity: 50 ± 10 %
Air pressure: 1005 ± 5 hPa

Test specifications

- 1, The Sound Level Meter has been calibrated in accordance with the requirements as specified in BS 7580: Part 1: 1997 and the lab calibration procedure SMTP004-CA-152.
- 2, The electrical tests were performed using an electrical signal substituted for the microphone which was removed and replaced by an equivalent capacitance within a tolerance of $\pm 20\%$.
- 3, The acoustic calibration was performed using an B&K 4226 sound calibrator and corrections was applied for the difference between the free-field and pressure response of the Sound Level Meter.

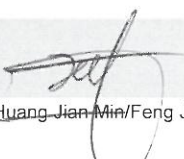
Test results

This is to certify that the Sound Level Meter conforms to BS 7580: Part 1: 1997 for the conditions under which the test was performed.

Details of the performed measurements are presented on page 2 of this certificate.

Actual Measurement data are documented on worksheets.

Approved Signatory:


Huang Jian Min/Feng Jun Qi

Date: 21-Nov-2016

Company Chop:



Comments: The results reported in this certificate refer to the condition of the instrument on the date of calibration and carry no implication regarding the long-term stability of the instrument.



CERTIFICATE OF CALIBRATION

(Continuation Page)

Certificate No.:

16CA1117 01-01

Page

2

of

2

1, Electrical Tests

The electrical tests were performed using an equivalent capacitance substituted for the microphone. The results are given in below with test status and the estimated uncertainties. The "Pass" means the result of the test is inside the tolerances stated in the test specifications. The "-" means the result of test is outside these tolerances.

Test:	Subtest:	Status:	Expanded Uncertainty (dB)	Coverage Factor
Self-generated noise	A	Pass	0.3	
	C	Pass	1.0	2.1
	Lin	Pass	2.0	2.2
Linearity range for Leq	At reference range, Step 5 dB at 4 kHz	Pass	0.3	
	Reference SPL on all other ranges	Pass	0.3	
	2 dB below upper limit of each range	Pass	0.3	
	2 dB above lower limit of each range	Pass	0.3	
Linearity range for SPL	At reference range, Step 5 dB at 4 kHz	Pass	0.3	
	A	Pass	0.3	
	C	Pass	0.3	
	Lin	Pass	0.3	
Time weightings	Single Burst Fast	Pass	0.3	
	Single Burst Slow	Pass	0.3	
Peak response	Single 100µs rectangular pulse	Pass	0.3	
R.M.S. accuracy	Crest factor of 3	Pass	0.3	
Time weighting I	Single burst 5 ms at 2000 Hz	Pass	0.3	
	Repeated at frequency of 100 Hz	Pass	0.3	
Time averaging	1 ms burst duty factor 1/10 ³ at 4kHz	Pass	0.3	
	1 ms burst duty factor 1/10 ⁴ at 4kHz	Pass	0.3	
Pulse range	Single burst 10 ms at 4 kHz	Pass	0.4	
Sound exposure level	Single burst 10 ms at 4 kHz	Pass	0.4	
Overload indication	SPL	Pass	0.3	
	Leq	Pass	0.4	

2, Acoustic tests

The complete sound level meter was calibrated on the reference range using a B&K 4226 acoustic calibrator with 1000Hz and SPL 94 dB. The sensitivity of the sound level meter was adjusted. The test result at 125 Hz and 8000 Hz are given in below with test status and the estimated uncertainties.

Test:	Subtest	Status	Expanded Uncertainty (dB)	Coverage Factor
Acoustic response	Weighting A at 125 Hz	Pass	0.3	
	Weighting A at 8000 Hz	Pass	0.5	

3, Response to associated sound calibrator

N/A

The expanded uncertainties have been calculated in accordance with the ISO Publication "Guide to the expression of uncertainty in measurement", and gives an interval estimated to have a level of confidence of 95%. A coverage factor of 2 is assumed unless explicitly stated.

- End -

Calibrated by:

Date:

Fung Chi Yip
18-Nov-2016

Checked by:

Date:

Lam Tze Wai
21-Nov-2016

The standard(s) and equipment used in the calibration are traceable to national or international recognised standards and are calibrated on a schedule to maintain the required accuracy level.



CERTIFICATE OF CALIBRATION

Certificate No.: 16CA0413 02 Page 1 of 2

Item tested

Description:	Sound Level Meter (Type 1)	Microphone	Preamplifier
Manufacturer:	B & K	B & K	B & K
Type/Model No.:	2250-L	4950	ZC0032
Serial/Equipment No.:	2722310	2698702	13318
Adaptors used:	-	-	-

Item submitted by

Customer Name: Lam Geotechnics Limited
Address of Customer: -
Request No.: -
Date of receipt: 13-Apr-2016

Date of test: 09-May-2016

Reference equipment used in the calibration

Description:	Model:	Serial No.	Expiry Date:	Traceable to:
Multi function sound calibrator	B&K 4226	2288444	19-Jun-2016	CIGISMEC
Signal generator	DS 360	33873	18-Apr-2017	CEPREI
Signal generator	DS 360	61227	18-Apr-2017	CEPREI

Ambient conditions

Temperature: 21 ± 1 °C
Relative humidity: 60 ± 10 %
Air pressure: 1005 ± 5 hPa

Test specifications

1. The Sound Level Meter has been calibrated in accordance with the requirements as specified in BS 7580: Part 1: 1997 and the lab calibration procedure SMTP004-CA-152.
2. The electrical tests were performed using an electrical signal substituted for the microphone which was removed and replaced by an equivalent capacitance within a tolerance of $\pm 20\%$.
3. The acoustic calibration was performed using an B&K 4226 sound calibrator and corrections was applied for the difference between the free-field and pressure responsiveness of the Sound Level Meter.

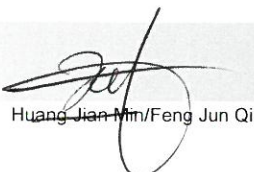
Test results

This is to certify that the Sound Level Meter conforms to BS 7580: Part 1: 1997 for the conditions under which the test was performed.

Details of the performed measurements are presented on page 2 of this certificate.

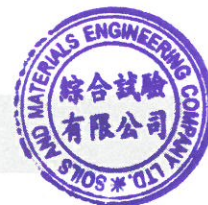
Actual Measurement data are documented on worksheets.

Approved Signatory:


Huang Jian Min/Feng Jun Qi

Date: 10-May-2016

Company Chop:



Comments: The results reported in this certificate refer to the condition of the instrument on the date of calibration and carry no implication regarding the long-term stability of the instrument.



CERTIFICATE OF CALIBRATION

(Continuation Page)

Certificate No.: 16CA0413 02 Page 2 of 2

1, Electrical Tests

The electrical tests were performed using an equivalent capacitance substituted for the microphone. The results are given in below with test status and the estimated uncertainties. The "Pass" means the result of the test is inside the tolerances stated in the test specifications. The "-" means the result of test is outside these tolerances.

Test:	Subtest:	Status:	Expanded Uncertainty (dB)	Coverage Factor
Self-generated noise	A	Pass	0.3	
	C	Pass	0.8	
	Lin	Pass	1.6	
Linearity range for Leq	At reference range, Step 5 dB at 4 kHz	Pass	0.3	
	Reference SPL on all other ranges	Pass	0.3	
	2 dB below upper limit of each range	Pass	0.3	
	2 dB above lower limit of each range	Pass	0.3	
Linearity range for SPL	At reference range, Step 5 dB at 4 kHz	Pass	0.3	
	A	Pass	0.3	
Frequency weightings	C	Pass	0.3	
	Lin	Pass	0.3	
Time weightings	Single Burst Fast	Pass	0.3	
	Single Burst Slow	Pass	0.3	
Peak response	Single 100µs rectangular pulse	Pass	0.3	
R.M.S. accuracy	Crest factor of 3	Pass	0.3	
Time weighting I	Single burst 5 ms at 2000 Hz	Pass	0.3	
	Repeated at frequency of 100 Hz	Pass	0.3	
Time averaging	1 ms burst duty factor 1/10 ³ at 4kHz	Pass	0.3	
	1 ms burst duty factor 1/10 ⁴ at 4kHz	Pass	0.3	
Pulse range	Single burst 10 ms at 4 kHz	Pass	0.4	
Sound exposure level	Single burst 10 ms at 4 kHz	Pass	0.4	
Overload indication	SPL	Pass	0.3	
	Leq	Pass	0.4	

2, Acoustic tests

The complete sound level meter was calibrated on the reference range using a B&K 4226 acoustic calibrator with 1000Hz and SPL 94 dB. The sensitivity of the sound level meter was adjusted. The test result at 125 Hz and 8000 Hz are given in below with test status and the estimated uncertainties.

Test:	Subtest	Status	Expanded Uncertainty (dB)	Coverage Factor
Acoustic response	Weighting A at 125 Hz	Pass	0.3	
	Weighting A at 8000 Hz	Pass	0.5	

3, Response to associated sound calibrator

N/A

The expanded uncertainties have been calculated in accordance with the ISO Publication "Guide to the expression of uncertainty in measurement", and gives an interval estimated to have a level of confidence of 95%. A coverage factor of 2 is assumed unless explicitly stated.

Calibrated by:

Date:

Fung Chi Yip
09-May-2016

Checked by:

Date:

J.Q. Feng
10-May-2016

The standard(s) and equipment used in the calibration are traceable to national or international recognised standards and are calibrated on a schedule to maintain the required accuracy level.



CERTIFICATE OF CALIBRATION

Certificate No.: 16CA0519 02 Page 1 of 2

Item tested

Description:	Sound Level Meter (Type 1)	Microphone	Preamp
Manufacturer:	B & K	B & K	B & K
Type/Model No.:	2250-L	4950	ZC0032
Serial/Equipment No.:	2722311	2698703	13321
Adaptors used:	-	-	-

Item submitted by

Customer Name: Lam Geotechnics Limited
Address of Customer: -
Request No.: -
Date of receipt: 19-May-2016

Date of test: 21-May-2016

Reference equipment used in the calibration

Description:	Model:	Serial No.	Expiry Date:	Traceable to:
Multi function sound calibrator	B&K 4226	2288444	19-Jun-2016	CIGISMEC
Signal generator	DS 360	33873	18-Apr-2017	CEPREI
Signal generator	DS 360	61227	18-Apr-2017	CEPREI

Ambient conditions

Temperature: 21 ± 1 °C
Relative humidity: 55 ± 10 %
Air pressure: 1005 ± 5 hPa

Test specifications

- 1, The Sound Level Meter has been calibrated in accordance with the requirements as specified in BS 7580: Part 1: 1997 and the lab calibration procedure SMTP004-CA-152.
- 2, The electrical tests were performed using an electrical signal substituted for the microphone which was removed and replaced by an equivalent capacitance within a tolerance of $\pm 20\%$.
- 3, The acoustic calibration was performed using an B&K 4226 sound calibrator and corrections was applied for the difference between the free-field and pressure responsiveness of the Sound Level Meter.

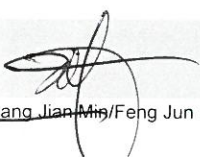
Test results

This is to certify that the Sound Level Meter conforms to BS 7580: Part 1: 1997 for the conditions under which the test was performed.

Details of the performed measurements are presented on page 2 of this certificate.

Actual Measurement data are documented on worksheets.

Approved Signatory:


Huang Jian Ming / Feng Jun Qi

Date: 23-May-2016

Company Chop:



Comments: The results reported in this certificate refer to the condition of the instrument on the date of calibration and carry no implication regarding the long-term stability of the instrument.



CERTIFICATE OF CALIBRATION

(Continuation Page)

Certificate No.: 16CA0519 02 Page 2 of 2

1, Electrical Tests

The electrical tests were performed using an equivalent capacitance substituted for the microphone. The results are given in below with test status and the estimated uncertainties. The "Pass" means the result of the test is inside the tolerances stated in the test specifications. The "-" means the result of test is outside these tolerances.

Test:	Subtest:	Status:	Expanded Uncertainty (dB)	Coverage Factor
Self-generated noise	A	Pass	0.3	
	C	Pass	0.8	
	Lin	Pass	1.6	
Linearity range for Leq	At reference range, Step 5 dB at 4 kHz	Pass	0.3	
	Reference SPL on all other ranges	Pass	0.3	
	2 dB below upper limit of each range	Pass	0.3	
	2 dB above lower limit of each range	Pass	0.3	
Linearity range for SPL	At reference range, Step 5 dB at 4 kHz	Pass	0.3	
	A	Pass	0.3	
	C	Pass	0.3	
Frequency weightings	Lin	Pass	0.3	
	Single Burst Fast	Pass	0.3	
	Single Burst Slow	Pass	0.3	
Peak response	Single 100µs rectangular pulse	Pass	0.3	
R.M.S. accuracy	Crest factor of 3	Pass	0.3	
Time weighting I	Single burst 5 ms at 2000 Hz	Pass	0.3	
	Repeated at frequency of 100 Hz	Pass	0.3	
Time averaging	1 ms burst duty factor 1/10 ³ at 4kHz	Pass	0.3	
	1 ms burst duty factor 1/10 ⁴ at 4kHz	Pass	0.3	
Pulse range	Single burst 10 ms at 4 kHz	Pass	0.4	
Sound exposure level	Single burst 10 ms at 4 kHz	Pass	0.4	
Overload indication	SPL	Pass	0.3	
	Leq	Pass	0.4	

2, Acoustic tests

The complete sound level meter was calibrated on the reference range using a B&K 4226 acoustic calibrator with 1000Hz and SPL 94 dB. The sensitivity of the sound level meter was adjusted. The test result at 125 Hz and 8000 Hz are given in below with test status and the estimated uncertainties.

Test:	Subtest	Status	Expanded Uncertainty (dB)	Coverage Factor
Acoustic response	Weighting A at 125 Hz	Pass	0.3	
	Weighting A at 8000 Hz	Pass	0.5	

3, Response to associated sound calibrator

N/A

The expanded uncertainties have been calculated in accordance with the ISO Publication "Guide to the expression of uncertainty in measurement", and gives an interval estimated to have a level of confidence of 95%. A coverage factor of 2 is assumed unless explicitly stated.

Calibrated by:

Date: 21-May-2016

Fung Chi Yip

Checked by:

Date: 23-May-2016

Lam Tze Wai

The standard(s) and equipment used in the calibration are traceable to national or international recognised standards and are calibrated on a schedule to maintain the required accuracy level.



CERTIFICATE OF CALIBRATION

Certificate No.: 16CA0307 02 Page 1 of 2

Item tested

Description:	Sound Level Meter (Type 1)	Microphone	Preamp
Manufacturer:	B & K	B & K	B & K
Type/Model No.:	2250-L	4950	ZC0032
Serial/Equipment No.:	2701778	2755097	19556
Adaptors used:	-	-	-

Item submitted by

Customer Name: Lam Geotechnics Ltd.
Address of Customer: -
Request No.: -
Date of receipt: 07-Mar-2016

Date of test: 08-Mar-2016

Reference equipment used in the calibration

Description:	Model:	Serial No.	Expiry Date:	Traceable to:
Multi function sound calibrator	B&K 4226	2288444	19-Jun-2016	CIGISMEC
Signal generator	DS 360	33873	16-Apr-2016	CEPREI
Signal generator	DS 360	61227	16-Apr-2016	CEPREI

Ambient conditions

Temperature: 21 ± 1 °C
Relative humidity: 50 ± 10 %
Air pressure: 1010 ± 5 hPa

Test specifications

- 1, The Sound Level Meter has been calibrated in accordance with the requirements as specified in BS 7580: Part 1: 1997 and the lab calibration procedure SMTP004-CA-152.
- 2, The electrical tests were performed using an electrical signal substituted for the microphone which was removed and replaced by an equivalent capacitance within a tolerance of $\pm 20\%$.
- 3, The acoustic calibration was performed using an B&K 4226 sound calibrator and corrections was applied for the difference between the free-field and pressure responsess of the Sound Level Meter.

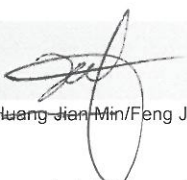
Test results

This is to certify that the Sound Level Meter conforms to BS 7580: Part 1: 1997 for the conditions under which the test was performed.

Details of the performed measurements are presented on page 2 of this certificate.

Actual Measurement data are documented on worksheets.

Approved Signatory:


Huang Jian Min/Feng Jun Qi

Date: 09-Mar-2016

Company Chop:



Comments: The results reported in this certificate refer to the condition of the instrument on the date of calibration and carry no implication regarding the long-term stability of the instrument.



CERTIFICATE OF CALIBRATION

(Continuation Page)

Certificate No.: 16CA0307 02 Page 2 of 2

1, Electrical Tests

The electrical tests were performed using an equivalent capacitance substituted for the microphone. The results are given in below with test status and the estimated uncertainties. The "Pass" means the result of the test is inside the tolerances stated in the test specifications. The "-" means the result of test is outside these tolerances.

Test:	Subtest:	Status:	Expanded Uncertainty (dB)	Coverage Factor
Self-generated noise	A	Pass	0.3	
	C	Pass	0.8	
	Lin	Pass	1.6	
Linearity range for Leq	At reference range, Step 5 dB at 4 kHz	Pass	0.3	
	Reference SPL on all other ranges	Pass	0.3	
	2 dB below upper limit of each range	Pass	0.3	
	2 dB above lower limit of each range	Pass	0.3	
	At reference range, Step 5 dB at 4 kHz	Pass	0.3	
Linearity range for SPL	A	Pass	0.3	
	C	Pass	0.3	
	Lin	Pass	0.3	
Frequency weightings	Single Burst Fast	Pass	0.3	
	Single Burst Slow	Pass	0.3	
	Single 100µs rectangular pulse	Pass	0.3	
Peak response	Crest factor of 3	Pass	0.3	
R.M.S. accuracy	Single burst 5 ms at 2000 Hz	Pass	0.3	
	Repeated at frequency of 100 Hz	Pass	0.3	
Time weighting I	1 ms burst duty factor 1/10 ³ at 4kHz	Pass	0.3	
	1 ms burst duty factor 1/10 ⁴ at 4kHz	Pass	0.3	
Pulse range	Single burst 10 ms at 4 kHz	Pass	0.4	
	Single burst 10 ms at 4 kHz	Pass	0.4	
Sound exposure level	SPL	Pass	0.3	
	Leq	Pass	0.4	

2, Acoustic tests

The complete sound level meter was calibrated on the reference range using a B&K 4226 acoustic calibrator with 1000Hz and SPL 94 dB. The sensitivity of the sound level meter was adjusted. The test result at 125 Hz and 8000 Hz are given in below with test status and the estimated uncertainties.

Test:	Subtest	Status	Expanded Uncertainty (dB)	Coverage Factor
Acoustic response	Weighting A at 125 Hz	Pass	0.3	
	Weighting A at 8000 Hz	Pass	0.5	

3, Response to associated sound calibrator

N/A

The expanded uncertainties have been calculated in accordance with the ISO Publication "Guide to the expression of uncertainty in measurement", and gives an interval estimated to have a level of confidence of 95%. A coverage factor of 2 is assumed unless explicitly stated.

Calibrated by:

Date:

Fung Chi Yip
08-Mar-2016

- End -

Checked by:

Date:

Lam Tze Wai
09-Mar-2016

The standard(s) and equipment used in the calibration are traceable to national or international recognised standards and are calibrated on a schedule to maintain the required accuracy level.



CERTIFICATE OF CALIBRATION

Certificate No.: 17CA0119 01 Page 1 of 2

Item tested

Description:	Sound Level Meter (Type 1)	Microphone	Preamp
Manufacturer:	B & K	B & K	B & K
Type/Model No.:	2250-L	4950	ZC0032
Serial/Equipment No.:	3002695	2940839	18582
Adaptors used:	-	-	-

Item submitted by

Customer Name:	Lam Geotechnics Limited
Address of Customer:	-
Request No.:	-
Date of receipt:	19-Jan-2017

Date of test: 20-Jan-2017

Reference equipment used in the calibration

Description:	Model:	Serial No.	Expiry Date:	Traceable to:
Multi function sound calibrator	B&K 4226	2288444	18-Jun-2017	CIGISMEC
Signal generator	DS 360	33873	18-Apr-2017	CEPREI
Signal generator	DS 360	61227	18-Apr-2017	CEPREI

Ambient conditions

Temperature:	21 ± 1 °C
Relative humidity:	40 ± 10 %
Air pressure:	1010 ± 5 hPa

Test specifications

- 1, The Sound Level Meter has been calibrated in accordance with the requirements as specified in BS 7580: Part 1: 1997 and the lab calibration procedure SMTP004-CA-152.
- 2, The electrical tests were performed using an electrical signal substituted for the microphone which was removed and replaced by an equivalent capacitance within a tolerance of ±20%.
- 3, The acoustic calibration was performed using an B&K 4226 sound calibrator and corrections was applied for the difference between the free-field and pressure responsiveness of the Sound Level Meter.

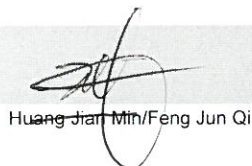
Test results

This is to certify that the Sound Level Meter conforms to BS 7580: Part 1: 1997 for the conditions under which the test was performed.

Details of the performed measurements are presented on page 2 of this certificate.

Actual Measurement data are documented on worksheets.

Approved Signatory:


Huang Jian Min/Feng Jun Qi

Date: 23-Jan-2017

Company Chop:



Comments: The results reported in this certificate refer to the condition of the instrument on the date of calibration and carry no implication regarding the long-term stability of the instrument.

**CERTIFICATE OF CALIBRATION**

(Continuation Page)

Certificate No.:

17CA0119 01

Page 2 of 2

1, Electrical Tests

The electrical tests were performed using an equivalent capacitance substituted for the microphone. The results are given in below with test status and the estimated uncertainties. The "Pass" means the result of the test is inside the tolerances stated in the test specifications. The "-" means the result of test is outside these tolerances.

Test:	Subtest:	Status:	Expanded Uncertainty (dB)	Coverage Factor
Self-generated noise	A	Pass	0.3	
	C	Pass	0.8	
	Lin	Pass	1.6	
Linearity range for Leq	At reference range, Step 5 dB at 4 kHz	Pass	0.3	
	Reference SPL on all other ranges	Pass	0.3	
	2 dB below upper limit of each range	Pass	0.3	
	2 dB above lower limit of each range	Pass	0.3	
Linearity range for SPL	At reference range, Step 5 dB at 4 kHz	Pass	0.3	
	A	Pass	0.3	
Frequency weightings	C	Pass	0.3	
	Lin	Pass	0.3	
Time weightings	Single Burst Fast	Pass	0.3	
	Single Burst Slow	Pass	0.3	
Peak response	Single 100µs rectangular pulse	Pass	0.3	
R.M.S. accuracy	Crest factor of 3	Pass	0.3	
Time weighting I	Single burst 5 ms at 2000 Hz	Pass	0.3	
	Repeated at frequency of 100 Hz	Pass	0.3	
Time averaging	1 ms burst duty factor 1/10 ³ at 4kHz	Pass	0.3	
	1 ms burst duty factor 1/10 ⁴ at 4kHz	Pass	0.3	
Pulse range	Single burst 10 ms at 4 kHz	Pass	0.4	
Sound exposure level	Single burst 10 ms at 4 kHz	Pass	0.4	
Overload indication	SPL	Pass	0.3	
	Leq	Pass	0.4	

2, Acoustic tests

The complete sound level meter was calibrated on the reference range using a B&K 4226 acoustic calibrator with 1000Hz and SPL 94 dB. The sensitivity of the sound level meter was adjusted. The test result at 125 Hz and 8000 Hz are given in below with test status and the estimated uncertainties.

Test:	Subtest	Status	Expanded Uncertainty (dB)	Coverage Factor
Acoustic response	Weighting A at 125 Hz	Pass	0.3	
	Weighting A at 8000 Hz	Pass	0.5	

3, Response to associated sound calibrator

N/A

The expanded uncertainties have been calculated in accordance with the ISO Publication "Guide to the expression of uncertainty in measurement", and gives an interval estimated to have a level of confidence of 95%. A coverage factor of 2 is assumed unless explicitly stated.

- End -

Calibrated by:

Date:

Fung Chi Yip
20-Jan-2017

Checked by:

Date:

Lam Tze Wai
23-Jan-2017

The standard(s) and equipment used in the calibration are traceable to national or international recognised standards and are calibrated on a schedule to maintain the required accuracy level.



CERTIFICATE OF CALIBRATION

Certificate No.: 16CA0513 01-02

Page: 1 of 2

Item tested

Description: Acoustical Calibrator (Class 1)
Manufacturer: Rion Co., Ltd.
Type/Model No.: NC-73
Serial/Equipment No.: 10465798
Adaptors used: -

Item submitted by

Customer: Lam Geotechnics Ltd.
Address of Customer: -
Request No.: -
Date of receipt: 13-May-2016

Date of test: 17-May-2016

Reference equipment used in the calibration

Description:	Model:	Serial No.	Expiry Date:	Traceable to:
Lab standard microphone	B&K 4180	2412857	14-Apr-2017	SCL
Preamplifier	B&K 2673	2239857	28-Apr-2017	CEPREI
Measuring amplifier	B&K 2610	2346941	26-Apr-2017	CEPREI
Signal generator	DS 360	61227	18-Apr-2017	CEPREI
Digital multi-meter	34401A	US36087050	18-Apr-2017	CEPREI
Audio analyzer	8903B	GB41300350	19-Apr-2017	CEPREI
Universal counter	53132A	MY40003662	19-Apr-2017	CEPREI

Ambient conditions

Temperature: 22 ± 1 °C
Relative humidity: 55 ± 10 %
Air pressure: 1010 ± 5 hPa

Test specifications

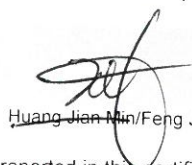
- The Sound Calibrator has been calibrated in accordance with the requirements as specified in IEC 60942 1997 Annex B and the lab calibration procedure SMTP004-CA-156.
- The calibrator was tested with its axis vertical facing downwards at the specific frequency using insert voltage technique.
- The results are rounded to the nearest 0.01 dB and 0.1 Hz and have not been corrected for variations from a reference pressure of 1013.25 hectoPascals as the maker's information indicates that the instrument is insensitive to pressure changes.

Test results

This is to certify that the sound calibrator conforms to the requirements of annex B of IEC 60942: 1997 for the conditions under which the test was performed. This does not imply that the sound calibrator meets IEC 60942 under any other conditions.

Details of the performed measurements are presented on page 2 of this certificate.

Approved Signatory:


Huang Jian Min/Feng Jun Qi

Date: 18-May-2016

Company Chop:



Comments: The results reported in this certificate refer to the condition of the instrument on the date of calibration and carry no implication regarding the long-term stability of the instrument.



CERTIFICATE OF CALIBRATION

(Continuation Page)

Certificate No.: 16CA0513 01-02

Page: 2 of 2

1, Measured Sound Pressure Level

The output Sound Pressure Level in the calibrator head was measured at the setting and frequency shown using a calibrated laboratory standard microphone and insert voltage technique. The results are given in below with the estimated uncertainties.

Frequency Shown Hz	Output Sound Pressure Level Setting dB	(Output level in dB re 20 μ Pa)	
		Measured Output Sound Pressure Level dB	Estimated Expanded Uncertainty dB
1000	94.00	93.96	0.10

2, Sound Pressure Level Stability - Short Term Fluctuations

The Short Term Fluctuations was determined by measuring the maximum and minimum of the fast weighted DC output of the B&K 2610 measuring amplifier over a 20 second time interval as required in the standard. The Short Term Fluctuation was found to be:

At 1000 Hz STF = 0.001 dB

Estimated expanded uncertainty 0.005 dB

3, Actual Output Frequency

The determination of actual output frequency was made using a B&K 4180 microphone together with a B&K 2673 preamplifier connected to a B&K 2610 measuring amplifier. The AC output of the B&K 2610 was taken to an universal counter which was used to determine the frequency averaged over 20 second of operation as required by the standard. The actual output frequency at 1 KHz was:

At 1000 Hz Actual Frequency = 967.3 Hz

Estimated expanded uncertainty 0.1 Hz Coverage factor k = 2.2

4, Total Noise and Distortion

For the Total Noise and Distortion measurement, the unfiltered AC output of the B&K 2610 measuring amplifier was connected to an Agilent Type 8903 B distortion analyser. The TND result at 1 KHz was:

At 1000 Hz TND = 0.8 %

Estimated expanded uncertainty 0.7 %

The expanded uncertainties have been calculated in accordance with the ISO Publication "Guide to the expression of uncertainty in measurement", and gives an interval estimated to have a level of confidence of 95%. A coverage factor of 2 is assumed unless explicitly stated.

Calibrated by:

Date:

Fung Chi Yip
17-May-2016

- End -

Checked by:

Date:

Lam Tze Wai
18-May-2016

The standard(s) and equipment used in the calibration are traceable to national or international recognised standards and are calibrated on a schedule to maintain the required accuracy level.



CERTIFICATE OF CALIBRATION

Certificate No.: 16CA1117 01-02

Page: 1 of 2

Item tested

Description: Acoustical Calibrator (Class 1)
Manufacturer: Rion Co., Ltd.
Type/Model No.: NC-73
Serial/Equipment No.: 10707358
Adaptors used: -

Item submitted by

Customer: Lam Geotechnics Ltd.
Address of Customer: -
Request No.: -
Date of receipt: 17-Nov-2016

Date of test: 18-Nov-2016

Reference equipment used in the calibration

Description:	Model:	Serial No.	Expiry Date:	Traceable to:
Lab standard microphone	B&K 4180	2412857	14-Apr-2017	SCL
Preamplifier	B&K 2673	2239857	28-Apr-2017	CEPREI
Measuring amplifier	B&K 2610	2346941	26-Apr-2017	CEPREI
Signal generator	DS 360	61227	18-Apr-2017	CEPREI
Digital multi-meter	34401A	US36087050	18-Apr-2017	CEPREI
Audio analyzer	8903B	GB41300350	19-Apr-2017	CEPREI
Universal counter	53132A	MY40003662	19-Apr-2017	CEPREI

Ambient conditions

Temperature: 23 ± 1 °C
Relative humidity: 50 ± 10 %
Air pressure: 1005 ± 5 hPa

Test specifications

- 1, The Sound Calibrator has been calibrated in accordance with the requirements as specified in IEC 60942 1997 Annex B and the lab calibration procedure SMTP004-CA-156.
- 2, The calibrator was tested with its axis vertical facing downwards at the specific frequency using insert voltage technique.
- 3, The results are rounded to the nearest 0.01 dB and 0.1 Hz and have not been corrected for variations from a reference pressure of 1013.25 hectoPascals as the maker's information indicates that the instrument is insensitive to pressure changes.

Test results

This is to certify that the sound calibrator conforms to the requirements of annex B of IEC 60942: 1997 for the conditions under which the test was performed. This does not imply that the sound calibrator meets IEC 60942 under any other conditions.

Details of the performed measurements are presented on page 2 of this certificate.

Approved Signatory:

Huang Jian Min/Feng Jun Qi

Date: 21-Nov-2016

Company Chop:



Comments: The results reported in this certificate refer to the condition of the instrument on the date of calibration and carry no implication regarding the long-term stability of the instrument.

**CERTIFICATE OF CALIBRATION**

(Continuation Page)

Certificate No.:

16CA1117 01-02

Page: 2 of 2

1, Measured Sound Pressure Level

The output Sound Pressure Level in the calibrator head was measured at the setting and frequency shown using a calibrated laboratory standard microphone and insert voltage technique. The results are given in below with the estimated uncertainties.

Frequency Shown Hz	Output Sound Pressure Level Setting dB	Measured Output Sound Pressure Level dB	(Output level in dB re 20 μ Pa)
			Estimated Expanded Uncertainty dB
1000	94.00	94.12	0.10

2, Sound Pressure Level Stability - Short Term Fluctuations

The Short Term Fluctuations was determined by measuring the maximum and minimum of the fast weighted DC output of the B&K 2610 measuring amplifier over a 20 second time interval as required in the standard. The Short Term Fluctuation was found to be:

At 1000 Hz

STF = 0.002 dB

Estimated expanded uncertainty

0.005 dB

3, Actual Output Frequency

The determination of actual output frequency was made using a B&K 4180 microphone together with a B&K 2673 preamplifier connected to a B&K 2610 measuring amplifier. The AC output of the B&K 2610 was taken to an universal counter which was used to determine the frequency averaged over 20 second of operation as required by the standard. The actual output frequency at 1 KHz was:

At 1000 Hz

Actual Frequency = 991.6 Hz

Estimated expanded uncertainty

0.1 Hz

Coverage factor k = 2.2

4, Total Noise and Distortion

For the Total Noise and Distortion measurement, the unfiltered AC output of the B&K 2610 measuring amplifier was connected to an Agilent Type 8903 B distortion analyser. The TND result at 1 KHz was:

At 1000 Hz

TND = 0.6 %

Estimated expanded uncertainty

0.7 %

The expanded uncertainties have been calculated in accordance with the ISO Publication "Guide to the expression of uncertainty in measurement", and gives an interval estimated to have a level of confidence of 95%. A coverage factor of 2 is assumed unless explicitly stated.

- End -

Calibrated by:

Fung Chi Yip

Date: 18-Nov-2016

Checked by:

Lam Tze Wai

Date: 21-Nov-2016

The standard(s) and equipment used in the calibration are traceable to national or international recognised standards and are calibrated on a schedule to maintain the required accuracy level.

Calibration Certificate

Certificate Number 2016004065

Customer:

LAM Environmental Services Ltd

Model Number	CAL200	Procedure Number	D0001.8386
Serial Number	13098	Technician	Scott Montgomery
Test Results	Pass	Calibration Date	6 May 2016
Initial Condition	As Manufactured	Calibration Due	
Description	Larson Davis CAL200 Acoustic Calibrator	Temperature	24 °C ± 0.3 °C
		Humidity	37 %RH ± 3 %RH
		Static Pressure	101.0 kPa ± 1 kPa

Evaluation Method The data is acquired by the insert voltage calibration method using the reference microphone's open circuit sensitivity. Data reported in dB re 20 µPa.

Compliance Standards Compliant to Manufacturer Specifications per D0001.8190 and the following standards:
IEC 60942:2003 ANSI S1.40-2006

Issuing lab certifies that the instrument described above meets or exceeds all specifications as stated in the referenced procedure (unless otherwise noted). It has been calibrated using measurement standards traceable to the SI through the National Institute of Standards and Technology (NIST), or other national measurement institutes, and meets the requirements of ISO/IEC 17025:2005. **Test points marked with a ‡ in the uncertainties column do not fall within this laboratory's scope of accreditation.**

The quality system is registered to ISO 9001:2008.

This calibration is a direct comparison of the unit under test to the listed reference standards and did not involve any sampling plans to complete. No allowance has been made for the instability of the test device due to use, time, etc. Such allowances would be made by the customer as needed.

The uncertainties were computed in accordance with the ISO Guide to the Expression of Uncertainty in Measurement (GUM). A coverage factor of approximately 2 sigma (k=2) has been applied to the standard uncertainty to express the expanded uncertainty at approximately 95% confidence level.

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Standards Used			
Description	Cal Date	Cal Due	Cal Standard
Agilent 34401A DMM	09/04/2015	09/04/2016	001021
Sound Level Meter / Real Time Analyzer	04/07/2016	04/07/2017	001051
Microphone Calibration System	08/20/2015	08/20/2016	005446
1/2" Preamplifier	10/09/2015	10/09/2016	006506
Larson Davis 1/2" Preamplifier 7-pin LEMO	08/20/2015	08/20/2016	006507
1/2 inch Microphone - RI - 200V	08/17/2015	08/17/2016	006511
Pressure Transducer	05/07/2015	05/07/2016	007310

Larson Davis, a division of PCB Piezotronics, Inc
1681 West 820 North
Provo, UT 84601, United States
716-684-0001





CERTIFICATE OF CALIBRATION

Certificate No.: 16CA0805 02

Page 1 of 2

Item tested

Description:	Sound Level Meter (Type 1)	Microphone	Preamp
Manufacturer:	B & K	B & K	B & K
Type/Model No.:	2250-L	4950	ZC0032
Serial/Equipment No.:	3006790	2827240	21213
Adaptors used:	-	-	-

Item submitted by

Customer Name: Lam Geotechnics Ltd.
Address of Customer: -
Request No.: -
Date of receipt: 05-Aug-2016

Date of test: 08-Aug-2016

Reference equipment used in the calibration

Description:	Model:	Serial No.	Expiry Date:	Traceable to:
Multi function sound calibrator	B&K 4226	2288444	18-Jun-2017	CIGISMEC
Signal generator	DS 360	33873	18-Apr-2017	CEPREI
Signal generator	DS 360	61227	18-Apr-2017	CEPREI

Ambient conditions

Temperature: 21 ± 1 °C
Relative humidity: 60 ± 10 %
Air pressure: 1000 ± 5 hPa

Test specifications

- 1, The Sound Level Meter has been calibrated in accordance with the requirements as specified in BS 7580: Part 1: 1997 and the lab calibration procedure SMTP004-CA-152.
- 2, The electrical tests were performed using an electrical signal substituted for the microphone which was removed and replaced by an equivalent capacitance within a tolerance of $\pm 20\%$.
- 3, The acoustic calibration was performed using an B&K 4226 sound calibrator and corrections was applied for the difference between the free-field and pressure responsiveness of the Sound Level Meter.

Test results

This is to certify that the Sound Level Meter conforms to BS 7580: Part 1: 1997 for the conditions under which the test was performed.

Details of the performed measurements are presented on page 2 of this certificate.

Actual Measurement data are documented on worksheets.

Approved Signatory:

Huang Jian Ma/Feng Jun Qi

Date: 09-Aug-2016

Company Chop:



Comments: The results reported in this certificate refer to the condition of the instrument on the date of calibration and carry no implication regarding the long-term stability of the instrument.

**CERTIFICATE OF CALIBRATION**

(Continuation Page)

Certificate No.:

16CA0805 02

Page 2 of 2

1, Electrical Tests

The electrical tests were performed using an equivalent capacitance substituted for the microphone. The results are given in below with test status and the estimated uncertainties. The "Pass" means the result of the test is inside the tolerances stated in the test specifications. The "-" means the result of test is outside these tolerances.

Test:	Subtest:	Status:	Expanded Uncertainty (dB)	Coverage Factor
Self-generated noise	A	Pass	0.3	
	C	Pass	0.8	
	Lin	Pass	1.6	
Linearity range for Leq	At reference range, Step 5 dB at 4 kHz	Pass	0.3	
	Reference SPL on all other ranges	Pass	0.3	
	2 dB below upper limit of each range	Pass	0.3	
	2 dB above lower limit of each range	Pass	0.3	
Linearity range for SPL	At reference range, Step 5 dB at 4 kHz	Pass	0.3	
Frequency weightings	A	Pass	0.3	
	C	Pass	0.3	
	Lin	Pass	0.3	
Time weightings	Single Burst Fast	Pass	0.3	
	Single Burst Slow	Pass	0.3	
Peak response	Single 100µs rectangular pulse	Pass	0.3	
R.M.S. accuracy	Crest factor of 3	Pass	0.3	
Time weighting I	Single burst 5 ms at 2000 Hz	Pass	0.3	
	Repeated at frequency of 100 Hz	Pass	0.3	
Time averaging	1 ms burst duty factor 1/10 ³ at 4kHz	Pass	0.3	
	1 ms burst duty factor 1/10 ⁴ at 4kHz	Pass	0.3	
Pulse range	Single burst 10 ms at 4 kHz	Pass	0.4	
Sound exposure level	Single burst 10 ms at 4 kHz	Pass	0.4	
Overload indication	SPL	Pass	0.3	
	Leq	Pass	0.4	

2, Acoustic tests

The complete sound level meter was calibrated on the reference range using a B&K 4226 acoustic calibrator with 1000Hz and SPL 94 dB. The sensitivity of the sound level meter was adjusted. The test result at 125 Hz and 8000 Hz are given in below with test status and the estimated uncertainties.

Test:	Subtest	Status	Expanded Uncertainty (dB)	Coverage Factor
Acoustic response	Weighting A at 125 Hz	Pass	0.3	
	Weighting A at 8000 Hz	Pass	0.5	

3, Response to associated sound calibrator

N/A

The expanded uncertainties have been calculated in accordance with the ISO Publication "Guide to the expression of uncertainty in measurement", and gives an interval estimated to have a level of confidence of 95%. A coverage factor of 2 is assumed unless explicitly stated.

- End -

Calibrated by:

Date:

Fung Chi Yip
08-Aug-2016

Checked by:

Date:

Lam Tze Wai
09-Aug-2016

The standard(s) and equipment used in the calibration are traceable to national or international recognised standards and are calibrated on a schedule to maintain the required accuracy level.

ORIFICE TRANSFER STANDARD CERTIFICATION WORKSHEET TE-5025A

Date - May 20, 2016 Rootmeter S/N 0438320 Ta (K) - 293
Operator Tisch Orifice I.D. - 3166 Pa (mm) - 748.03

PLATE OR Run #	VOLUME START (m3)	VOLUME STOP (m3)	DIFF VOLUME (m3)	DIFF TIME (min)	METER DIFF Hg (mm)	ORFICE DIFF H2O (in.)
1	NA	NA	1.00	1.4270	3.2	2.00
2	NA	NA	1.00	1.0220	6.4	4.00
3	NA	NA	1.00	0.9100	7.9	5.00
4	NA	NA	1.00	0.8730	8.8	5.50
5	NA	NA	1.00	0.7180	12.7	8.00

DATA TABULATION

Vstd	(x axis) Qstd	(y axis)	Va	(x axis) Qa	(y axis)
0.9967	0.6985	1.4150	0.9957	0.6977	0.8851
0.9925	0.9711	2.0010	0.9915	0.9701	1.2517
0.9904	1.0883	2.2372	0.9893	1.0872	1.3995
0.9892	1.1332	2.3464	0.9882	1.1320	1.4678
0.9840	1.3705	2.8299	0.9830	1.3691	1.7702
Qstd slope (m) = 2.10714			Qa slope (m) = 1.31946		
intercept (b) = -0.05158			intercept (b) = -0.03226		
coefficient (r) = 0.99978			coefficient (r) = 0.99978		
y axis = SQRT[H2O(Pa/760) (298/Ta)]			y axis = SQRT[H2O(Ta/Pa)]		

CALCULATIONS

$$Vstd = \text{Diff. Vol}[(Pa - \text{Diff. Hg})/760] (298/Ta)$$

$$Qstd = Vstd/Time$$

$$Va = \text{Diff Vol} [(Pa - \text{Diff Hg})/Pa]$$

$$Qa = Va/Time$$

For subsequent flow rate calculations:

$$Qstd = 1/m\{[\text{SQRT}(H2O(Pa/760) (298/Ta))] - b\}$$

$$Qa = 1/m\{[\text{SQRT } H2O(Ta/Pa)] - b\}$$



Calibration Data for High Volume Sampler (TSP Sampler)

Location : CMA1b
Equipment no. : HVS001

Calibration Date : 22-Dec-16
Calibration Due Date : 22-Feb-17

CALIBRATION OF CONTINUOUS FLOW RECORDER

Ambient Condition			
Temperature, T _a	295	Kelvin	Pressure, P _a
			1019 mmHg

Orifice Transfer Standard Information					
Equipment No.	Ori002	Slope, m _c	2.10714	Intercept, b _c	-0.05158
Last Calibration Date	20-May-16	$\left(H \times P_a / 1013.3 \times 298 / T_a \right)^{1/2}$ $= m_c \times Q_{std} + b_c$			
Next Calibration Date	20-May-17				

Calibration of TSP						
Calibration Point	Manometer Reading			Q _{std}	Continuous Flow	IC
	H (inches of water)			(m ³ / min.)	Recorder, W	(W(P _a /1013.3x298/T _a) ^{1/2} /35.31)
	(up)	(down)	(difference)	X-axis	(CFM)	Y-axis
1	1.6	1.6	3.2	0.8801	25	25.1974
2	2.3	2.3	4.6	1.0504	34	34.2684
3	3.8	3.8	7.6	1.3431	42	42.3316
4	4.9	4.9	9.8	1.5219	48	48.3789
5	6.1	6.1	12.2	1.6952	54	54.4263

By Linear Regression of Y on X

Slope, m = 34.3507 Intercept, b = -3.6713
Correlation Coefficient* = 0.9949
Calibration Accepted = Yes/No**

* if Correlation Coefficient < 0.990, check and recalibration again.

** Delete as appropriate.

Remarks : As per client's provided information, the equipment reference no. of the calibrated High Volume Sampler has been

re-assigned from EL452 to HVS001 with respect to the update in quality management system.

Calibrated by : Jackey MA
Date : 22-Dec-16

Checked by : Pauline Wong
Date : 22-Dec-16



Calibration Data for High Volume Sampler (TSP Sampler)

Location : CMA1b
Equipment no. : HVS001

Calibration Date : 16-Feb-17
Calibration Due Date : 16-Apr-17

CALIBRATION OF CONTINUOUS FLOW RECORDER

Ambient Condition			
Temperature, T _a	292	Kelvin	Pressure, P _a
			1022 mmHg

Orifice Transfer Standard Information					
Equipment No.	Ori002	Slope, m _c	2.10714	Intercept, b _c	-0.05158
Last Calibration Date	20-May-16	$\left(H \times P_a / 1013.3 \times 298 / T_a \right)^{1/2}$ $= m_c \times Q_{std} + b_c$			
Next Calibration Date	20-May-17				

Calibration of TSP						
Calibration Point	Manometer Reading			Q _{std}	Continuous Flow	IC
	H (inches of water)			(m ³ / min.)	Recorder, W	(W(P _a /1013.3x298/T _a) ^{1/2} /35.31)
	(up)	(down)	(difference)	X-axis	(CFM)	Y-axis
1	1.5	1.5	3.0	0.8584	22	22.3201
2	2.4	2.4	4.8	1.0794	32	32.4656
3	3.8	3.8	7.6	1.3518	41	41.5965
4	5.2	5.2	10.4	1.5772	48	48.6984
5	6.5	6.5	13.0	1.7605	52	52.7566

By Linear Regression of Y on X

Slope, m = 33.6324 Intercept, b = -5.0111
Correlation Coefficient* = 0.9938
Calibration Accepted = Yes/No**

* if Correlation Coefficient < 0.990, check and recalibration again.

** Delete as appropriate.

Remarks : As per client's provided information, the equipment reference no. of the calibrated High Volume Sampler has been

re-assigned from EL452 to HVS001 with respect to the update in quality management system.

Calibrated by : Jackey MA
Date : 16-Feb-17

Checked by : Pauline Wong
Date : 16-Feb-17



Calibration Data for High Volume Sampler (TSP Sampler)

Location : CMA2a
Equipment no. : HVS002

Calibration Date : 21-Dec-16
Calibration Due Date : 21-Feb-17

CALIBRATION OF CONTINUOUS FLOW RECORDER

Ambient Condition			
Temperature, T _a	295	Kelvin	Pressure, P _a
			1017 mmHg

Orifice Transfer Standard Information					
Equipment No.	Ori002	Slope, m _c	2.10714	Intercept, b _c	-0.05158
Last Calibration Date	20-May-16	$\left(H \times P_a / 1013.3 \times 298 / T_a \right)^{1/2}$ $= m_c \times Q_{std} + b_c$			
Next Calibration Date	20-May-17				

Calibration of TSP						
Calibration Point	Manometer Reading			Q _{std}	Continuous Flow	IC
	H (inches of water)			(m ³ / min.)	Recorder, W	(W(P _a /1013.3x298/T _a) ^{1/2} /35.31)
	(up)	(down)	(difference)	X-axis	(CFM)	Y-axis
1	1.6	1.6	3.2	0.8793	28	28.1933
2	2.5	2.5	5.0	1.0930	36	36.2486
3	3.6	3.6	7.2	1.3067	48	48.3314
4	4.6	4.6	9.2	1.4739	54	54.3729
5	5.5	5.5	11.0	1.6093	60	60.4143

By Linear Regression of Y on X

Slope, m = 44.9481 Intercept, b = -11.6816
Correlation Coefficient* = 0.9976
Calibration Accepted = Yes/No**

* if Correlation Coefficient < 0.990, check and recalibration again.

** Delete as appropriate.

Remarks : As per client's provided information, the equipment reference no. of the calibrated High Volume Sampler has been

re-assigned from EL449 to HVS002 with respect to the update in quality management system.

Calibrated by : Jackey MA
Date : 21-Dec-16

Checked by : Pualine Wong
Date : 21-Dec-16



Calibration Data for High Volume Sampler (TSP Sampler)

Location : CMA2a
Equipment no. : HVS002

Calibration Date : 16-Feb-17
Calibration Due Date : 16-Apr-17

CALIBRATION OF CONTINUOUS FLOW RECORDER

Ambient Condition			
Temperature, T _a	292	Kelvin	Pressure, P _a
			1022 mmHg

Orifice Transfer Standard Information					
Equipment No.	Ori002	Slope, m _c	2.10714	Intercept, b _c	-0.05158
Last Calibration Date	20-May-16	$\left(H \times P_a / 1013.3 \times 298 / T_a \right)^{1/2}$ $= m_c \times Q_{std} + b_c$			
Next Calibration Date	20-May-17				

Calibration of TSP						
Calibration Point	Manometer Reading			Q _{std}	Continuous Flow	IC
	H (inches of water)			(m ³ / min.)	Recorder, W	(W(P _a /1013.3x298/T _a) ^{1/2} /35.31)
	(up)	(down)	(difference)	X-axis	(CFM)	Y-axis
1	1.7	1.7	3.4	0.9123	30	30.4365
2	2.6	2.6	5.2	1.1224	36	36.5238
3	4.2	4.2	8.4	1.4199	44	44.6402
4	5.5	5.5	11.0	1.6214	50	50.7275
5	6.9	6.9	13.8	1.8131	56	56.8148

By Linear Regression of Y on X

Slope, m = 29.0457 Intercept, b = 3.8086
Correlation Coefficient* = 0.9996
Calibration Accepted = Yes/No**

* if Correlation Coefficient < 0.990, check and recalibration again.

** Delete as appropriate.

Remarks : As per client's provided information, the equipment reference no. of the calibrated High Volume Sampler has been

re-assigned from EL449 to HVS002 with respect to the update in quality management system.

Calibrated by : Jackey MA
Date : 16-Feb-17

Checked by : Pualine Wong
Date : 16-Feb-17



Calibration Data for High Volume Sampler (TSP Sampler)

Location : CMA3a
 Equipment no. : HVS012
 Calibration Date : 30-Dec-16
 Calibration Due Date : 28-Feb-17

CALIBRATION OF CONTINUOUS FLOW RECORDER

Ambient Condition			
Temperature, T_a	290	Kelvin	Pressure, P_a
			1024 mmHg

Orifice Transfer Standard Information					
Equipment No.	Ori002	Slope, m_c	2.10714	Intercept, b_c	-0.05158
Last Calibration Date	20-May-16	$\left(H \times P_a / 1013.3 \times 298 / T_a \right)^{1/2}$ $= m_c \times Q_{std} + b_c$			
Next Calibration Date	20-May-17				

Calibration of TSP						
Calibration Point	Manometer Reading			Q_{std}	Continuous Flow	IC
	H (inches of water)			(m ³ / min.)	Recorder, W	(W(P _a /1013.3x298/T _a) ^{1/2} /35.31)
	(up)	(down)	(difference)	X-axis	(CFM)	Y-axis
1	1.3	1.3	2.6	0.8043	30	30.5711
2	2.1	2.1	4.2	1.0156	36	36.6853
3	3.5	3.5	7.0	1.3040	42	42.7996
4	4.6	4.6	9.2	1.4913	48	48.9138
5	5.8	5.8	11.6	1.6716	53	54.0090

By Linear Regression of Y on X

Slope, m = 26.5975
 Intercept, b = 9.1531
 Correlation Coefficient* = 0.9978
 Calibration Accepted = Yes/No**

* if Correlation Coefficient < 0.990, check and recalibration again.

** Delete as appropriate.

Remarks : As per client's provided information, the equipment reference no. of the calibrated High Volume Sampler has been
 re-assigned from EL333 to HVS012 with respect to the update in quality management system.

Calibrated by : Jackey MA
 Date : 30-Dec-16
 Checked by : Pauline Wong
 Date : 30-Dec-16



Calibration Data for High Volume Sampler (TSP Sampler)

Location : CMA3a

Calibration Date : 23-Feb-17

Equipment no. : HVS012

Calibration Due Date : 23-Apr-17

CALIBRATION OF CONTINUOUS FLOW RECORDER

Ambient Condition			
Temperature, T_a	291	Kelvin	Pressure, P_a
			1017 mmHg

Orifice Transfer Standard Information					
Equipment No.	Ori002	Slope, m_c	2.10714	Intercept, b_c	-0.05158
Last Calibration Date	20-May-16	$\left(H \times P_a / 1013.3 \times 298 / T_a \right)^{1/2}$ $= m_c \times Q_{std} + b_c$			
Next Calibration Date	20-May-17				

Calibration of TSP						
Calibration Point	Manometer Reading			Q _{std}	Continuous Flow	IC
	H (inches of water)			(m ³ / min.)	Recorder, W	(W(P _a /1013.3x298/T _a) ^{1/2} /35.31)
	(up)	(down)	(difference)	X-axis	(CFM)	Y-axis
1	1.3	1.3	2.6	0.8003	30	30.4141
2	2.2	2.2	4.4	1.0337	36	36.4969
3	3.5	3.5	7.0	1.2974	43	43.5935
4	4.5	4.5	9.0	1.4679	48	48.6625
5	5.6	5.6	11.2	1.6346	52	52.7177

By Linear Regression of Y on X

Slope, m = 26.9932

Intercept, b = 8.7224

Correlation Coefficient* = 0.9997

Calibration Accepted = Yes/No**

* if Correlation Coefficient < 0.990, check and recalibration again.

** Delete as appropriate.

Remarks : As per client's provided information, the equipment reference no. of the calibrated High Volume Sampler has been

re-assigned from EL333 to HVS012 with respect to the update in quality management system.

Calibrated by : Jackey MA

Checked by : Pauline Wong

Date : 23-Feb-17

Date : 23-Feb-17



Calibration Data for High Volume Sampler (TSP Sampler)

Location : CMA4a
Equipment no. : HVS004

Calibration Date : 30-Dec-16
Calibration Due Date : 28-Feb-17

CALIBRATION OF CONTINUOUS FLOW RECORDER

Ambient Condition				
Temperature, T _a	290	Kelvin	Pressure, P _a	1024 mmHg

Orifice Transfer Standard Information					
Equipment No.	Ori002	Slope, m _c	2.10714	Intercept, b _c	-0.05158
Last Calibration Date	20-May-16	$\left(H \times P_a / 1013.3 \times 298 / T_a \right)^{1/2}$ $= m_c \times Q_{std} + b_c$			
Next Calibration Date	20-May-17				

Calibration of TSP						
Calibration Point	Manometer Reading			Q _{std} (m ³ / min.) X-axis	Continuous Flow Recorder, W (CFM)	IC (W(P _a /1013.3x298/T _a) ^{1/2} /35.31) Y-axis
	(up)	(down)	(difference)			
1	1.4	1.4	2.8	0.8337	22	22.4188
2	2.1	2.1	4.2	1.0156	30	30.5711
3	3.1	3.1	6.2	1.2287	40	40.7615
4	3.9	3.9	7.8	1.3751	46	46.8757
5	5.2	5.2	10.4	1.5841	52	52.9899

By Linear Regression of Y on X

Slope, m = 41.6284 Intercept, b = -11.5402
Correlation Coefficient* = 0.9956
Calibration Accepted = Yes/No**

* if Correlation Coefficient < 0.990, check and recalibration again.

** Delete as appropriate.

Remarks : As per client's provided information, the equipment reference no. of the calibrated High Volume Sampler has been re-assigned from EL390 to HVS004 with respect to the update in quality management system.

Calibrated by : Jackey MA Checked by : Pauline Wong
Date : 30-Dec-16 Date : 30-Dec-16



Calibration Data for High Volume Sampler (TSP Sampler)

Location : CMA4a
Equipment no. : HVS004

Calibration Date : 23-Feb-17
Calibration Due Date : 23-Apr-17

CALIBRATION OF CONTINUOUS FLOW RECORDER

Ambient Condition			
Temperature, T_a	291	Kelvin	Pressure, P_a
			1017 mmHg

Orifice Transfer Standard Information					
Equipment No.	Ori002	Slope, m_c	2.10714	Intercept, b_c	-0.05158
Last Calibration Date	20-May-16	$\left(H \times P_a / 1013.3 \times 298 / T_a \right)^{1/2}$ $= m_c \times Q_{std} + b_c$			
Next Calibration Date	20-May-17				

Calibration of TSP						
Calibration Point	Manometer Reading			Q _{std}	Continuous Flow	IC
	H (inches of water)			(m ³ / min.)	Recorder, W	(W(P _g /1013.3x298/T _a) ^{1/2} /35.31)
	(up)	(down)	(difference)	X-axis	(CFM)	Y-axis
1	1.3	1.3	2.6	0.8003	20	20.2760
2	2.2	2.2	4.4	1.0337	32	32.4417
3	3.4	3.4	6.8	1.2791	40	40.5521
4	4.4	4.4	8.8	1.4517	48	48.6625
5	5.6	5.6	11.2	1.6346	53	53.7315

By Linear Regression of Y on X

Slope, m = 39.9678 Intercept, b = -10.4229
Correlation Coefficient* = 0.9953
Calibration Accepted = Yes/No**

* if Correlation Coefficient < 0.990, check and recalibration again.

** Delete as appropriate.

Remarks : As per client's provided information, the equipment reference no. of the calibrated High Volume Sampler has been

re-assigned from EL390 to HVS004 with respect to the update in quality management system.

Calibrated by : Jackey MA
Date : 23-Feb-17

Checked by : Pauline Wong
Date : 23-Feb-17



Calibration Data for High Volume Sampler (TSP Sampler)

Location : CMA5b
Equipment no. : HVS010

Calibration Date : 30-Dec-16
Calibration Due Date : 28-Feb-17

CALIBRATION OF CONTINUOUS FLOW RECORDER

Ambient Condition				
Temperature, T _a	290	Kelvin	Pressure, P _a	1024 mmHg

Orifice Transfer Standard Information				
Equipment No.	Ori002	Slope, m _c	2.10714	Intercept, b _c
Last Calibration Date	20-May-16	$(H \times P_a / 1013.3 \times 298 / T_a)^{1/2}$ $= m_c \times Q_{std} + b_c$		
Next Calibration Date	20-May-17			

Calibration of TSP						
Calibration Point	Manometer Reading			Q _{std}	Continuous Flow	IC
	H (inches of water)			(m ³ / min.)	Recorder, W	(W(P _a /1013.3x298/T _a) ^{1/2} /35.31)
	(up)	(down)	(difference)	X-axis	(CFM)	Y-axis
1	1.4	1.4	2.8	0.8337	38	38.7234
2	2.3	2.3	4.6	1.0617	44	44.8376
3	3.5	3.5	7.0	1.3040	53	54.0090
4	4.5	4.5	9.0	1.4753	58	59.1042
5	5.8	5.8	11.6	1.6716	64	65.2184

By Linear Regression of Y on X

Slope, m = 32.2163 Intercept, b = 11.4875
Correlation Coefficient* = 0.9987
Calibration Accepted = Yes/No**

* if Correlation Coefficient < 0.990, check and recalibration again.

** Delete as appropriate.

Remarks : As per client's provided information, the equipment reference no. of the calibrated High Volume Sampler has been re-assigned from EL222 to HVS010 with respect to the update in quality management system.

Calibrated by : Jackey MA
Date : 30-Dec-16

Checked by : Pauline Wong
Date : 30-Dec-16



Calibration Data for High Volume Sampler (TSP Sampler)

Location : CMA5b
Equipment no. : HVS010

Calibration Date : 23-Feb-17
Calibration Due Date : 23-Apr-17

CALIBRATION OF CONTINUOUS FLOW RECORDER

Ambient Condition			
Temperature, T_a	291	Kelvin	Pressure, P_a
			1017 mmHg

Orifice Transfer Standard Information			
Equipment No.	Ori002	Slope, m_c	2.10714
		Intercept, b_c	-0.05158
Last Calibration Date	20-May-16	$(H \times P_a / 1013.3 \times 298 / T_a)^{1/2}$ $= m_c \times Q_{std} + b_c$	
Next Calibration Date	20-May-17		

Calibration of TSP						
Calibration Point	Manometer Reading			Q _{std}	Continuous Flow	IC
	H (inches of water)			(m ³ / min.)	Recorder, W	(W(P _a /1013.3x298/T _a) ^{1/2} /35.31)
	(up)	(down)	(difference)	X-axis	(CFM)	Y-axis
1	1.4	1.4	2.8	0.8296	36	36.4969
2	2.2	2.2	4.4	1.0337	42	42.5797
3	3.6	3.6	7.2	1.3155	52	52.7177
4	4.6	4.6	9.2	1.4838	57	57.7867
5	5.8	5.8	11.6	1.6631	63	63.8695

By Linear Regression of Y on X

Slope, m = 33.0908 Intercept, b = 8.8257
Correlation Coefficient* = 0.9996
Calibration Accepted = Yes/No**

* if Correlation Coefficient < 0.990, check and recalibration again.

** Delete as appropriate.

Remarks : As per client's provided information, the equipment reference no. of the calibrated High Volume Sampler has been re-assigned from EL222 to HVS010 with respect to the update in quality management system.

Calibrated by : Jackey MA
Date : 23-Feb-17

Checked by : Pauline Wong
Date : 23-Feb-17



Calibration Data for High Volume Sampler (TSP Sampler)

Location : CMA6a
Equipment no. : HVS013

Calibration Date : 30-Dec-16
Calibration Due Date : 28-Feb-17

CALIBRATION OF CONTINUOUS FLOW RECORDER

Ambient Condition			
Temperature, T_a	290	Kelvin	Pressure, P_a
			1024 mmHg

Orifice Transfer Standard Information					
Equipment No.	Ori002	Slope, m_c	2.10714	Intercept, b_c	-0.05158
Last Calibration Date	20-May-16	$\left(H \times P_a / 1013.3 \times 298 / T_a \right)^{1/2}$ $= m_c \times Q_{std} + b_c$			
Next Calibration Date	20-May-17				

Calibration of TSP						
Calibration Point	Manometer Reading			Q_{std}	Continuous Flow	IC
	H (inches of water)			($m^3 / min.$)	Recorder, W	($W(P_a/1013.3 \times 298/T_a)^{1/2}/35.31$)
	(up)	(down)	(difference)	X-axis	(CFM)	Y-axis
1	1.6	1.6	3.2	0.8896	36	36.6853
2	2.5	2.5	5.0	1.1059	43	43.8186
3	3.9	3.9	7.8	1.3751	52	52.9899
4	5.0	5.0	10.0	1.5538	59	60.1232
5	6.3	6.3	12.6	1.7411	64	65.2184

By Linear Regression of Y on X

Slope, m = 34.1269 Intercept, b = 6.2724
Correlation Coefficient* = 0.9991
Calibration Accepted = Yes/No**

* if Correlation Coefficient < 0.990, check and recalibration again.

** Delete as appropriate.

Remarks : As per client's provided information, the equipment reference no. of the calibrated High Volume Sampler has been re-assigned from EL551 to HVS013 with respect to the update in quality management system.

Calibrated by : Jackey MA
Date : 30-Dec-16

Checked by : Pauline Wong
Date : 30-Dec-16



Calibration Data for High Volume Sampler (TSP Sampler)

Location : CMA6a
Equipment no. : HVS013

Calibration Date : 23-Feb-17
Calibration Due Date : 23-Apr-17

CALIBRATION OF CONTINUOUS FLOW RECORDER

Ambient Condition			
Temperature, T_a	291	Kelvin	Pressure, P_a
			1017 mmHg

Orifice Transfer Standard Information					
Equipment No.	Ori002	Slope, m_c	2.10714	Intercept, b_c	-0.05158
Last Calibration Date	20-May-16	$\left(H \times P_a / 1013.3 \times 298 / T_a \right)^{1/2}$ $= m_c \times Q_{std} + b_c$			
Next Calibration Date	20-May-17				

Calibration of TSP						
Calibration Point	Manometer Reading			Q _{std}	Continuous Flow	IC
	H (inches of water)			(m ³ / min.)	Recorder, W	(W(P _g /1013.3x298/T _a) ^{1/2} /35.31)
	(up)	(down)	(difference)	X-axis	(CFM)	Y-axis
1	1.5	1.5	3.0	0.8578	34	34.4693
2	2.4	2.4	4.8	1.0786	42	42.5797
3	3.7	3.7	7.4	1.3333	51	51.7039
4	4.9	4.9	9.8	1.5306	57	57.7867
5	6.2	6.2	12.4	1.7187	64	64.8833

By Linear Regression of Y on X

Slope, m = 34.9914 Intercept, b = 4.6626
Correlation Coefficient* = 0.9996
Calibration Accepted = Yes/No**

* if Correlation Coefficient < 0.990, check and recalibration again.

** Delete as appropriate.

Remarks : As per client's provided information, the equipment reference no. of the calibrated High Volume Sampler has been re-assigned from EL551 to HVS013 with respect to the update in quality management system.

Calibrated by : Jackey MA
Date : 23-Feb-17

Checked by : Pauline Wong
Date : 23-Feb-17



Calibration Data for High Volume Sampler (TSP Sampler)

Location : MA1e
Equipment no. : HVS007

Calibration Date : 30-Dec-16
Calibration Due Date : 28-Feb-17

CALIBRATION OF CONTINUOUS FLOW RECORDER

Ambient Condition			
Temperature, T _a	290	Kelvin	Pressure, P _a
			1024 mmHg

Orifice Transfer Standard Information					
Equipment No.	Ori002	Slope, m _c	2.10714	Intercept, b _c	-0.05158
Last Calibration Date	20-May-16	$\left(H \times P_a / 1013.3 \times 298 / T_a \right)^{1/2}$ $= m_c \times Q_{std} + b_c$			
Next Calibration Date	20-May-17				

Calibration of TSP						
Calibration Point	Manometer Reading			Q _{std}	Continuous Flow	IC
	H (inches of water)			(m ³ / min.)	Recorder, W	(W(P _a /1013.3x298/T _a) ^{1/2} /35.31)
	(up)	(down)	(difference)	X-axis	(CFM)	Y-axis
1	1.4	1.4	2.8	0.8337	27	27.5140
2	2.4	2.4	4.8	1.0840	36	36.6853
3	3.8	3.8	7.6	1.3577	42	42.7996
4	5.2	5.2	10.4	1.5841	50	50.9519
5	6.5	6.5	13.0	1.7682	57	58.0851

By Linear Regression of Y on X

Slope, m = 31.6798 Intercept, b = 1.2144
Correlation Coefficient* = 0.9963
Calibration Accepted = Yes/No**

* if Correlation Coefficient < 0.990, check and recalibration again.

Remarks : As per client's provided information, the equipment reference no. of the calibrated High Volume Sampler has been re-assigned from EL455 to HVS007 with respect to the update in quality management system.

Calibrated by : Jackey MA
Date : 30-Dec-16

Checked by : Pauline Wong
Date : 30-Dec-16



Calibration Data for High Volume Sampler (TSP Sampler)

Location : MA1e
Equipment no. : HVS007

Calibration Date : 23-Feb-17
Calibration Due Date : 23-Apr-17

CALIBRATION OF CONTINUOUS FLOW RECORDER

Ambient Condition			
Temperature, T_a	291	Kelvin	Pressure, P_a
			1017 mmHg

Orifice Transfer Standard Information					
Equipment No.	Ori002	Slope, m_c	2.10714	Intercept, b_c	-0.05158
Last Calibration Date	20-May-16	$\left(H \times P_a / 1013.3 \times 298 / T_a \right)^{1/2}$ $= m_c \times Q_{std} + b_c$			
Next Calibration Date	20-May-17				

Calibration of TSP						
Calibration Point	Manometer Reading			Q _{std}	Continuous Flow	IC
	H (inches of water)			(m ³ / min.)	Recorder, W	(W(P _a /1013.3x298/T _a) ^{1/2} /35.31)
	(up)	(down)	(difference)	X-axis	(CFM)	Y-axis
1	1.5	1.5	3.0	0.8578	28	28.3865
2	2.5	2.5	5.0	1.1003	38	38.5245
3	4.0	4.0	8.0	1.3853	44	44.6073
4	5.2	5.2	10.4	1.5761	52	52.7177
5	6.6	6.6	13.2	1.7725	60	60.8281

By Linear Regression of Y on X

Slope, m = 34.0568 Intercept, b = -0.5688
Correlation Coefficient* = 0.9937
Calibration Accepted = Yes/No**

* if Correlation Coefficient < 0.990, check and recalibration again.

Remarks : As per client's provided information, the equipment reference no. of the calibrated High Volume Sampler has been re-assigned from EL455 to HVS007 with respect to the update in quality management system.

Calibrated by : Jackey MA
Date : 23-Feb-17

Checked by : Pauline Wong
Date : 23-Feb-17



Calibration Data for High Volume Sampler (TSP Sampler)

Location : MA1w
Equipment no. : HVS008

Calibration Date : 30-Dec-16
Calibration Due Date : 28-Feb-17

CALIBRATION OF CONTINUOUS FLOW RECORDER

Ambient Condition		HK1610369	
Temperature, T _a	290	Kelvin	Pressure, P _a 1019 mmHg

Orifice Transfer Standard Information				
Equipment No.	Ori002	Slope, m _c	2.10714	Intercept, b _c -0.05158
Last Calibration Date	20-May-16	$(H \times P_a / 1013.3 \times 298 / T_a)^{1/2}$ $= m_c \times Q_{std} + b_c$		
Next Calibration Date	20-May-17			

Calibration of TSP						
Calibration Point	Manometer Reading			Q _{std}	Continuous Flow	IC
	H (inches of water)			(m ³ / min.)	Recorder, W	(W(P _a /1013.3x298/T _a) ^{1/2} /35.31)
	(up)	(down)	(difference)	X-axis	(CFM)	Y-axis
1	1.6	1.6	3.2	0.8875	22	22.3640
2	2.5	2.5	5.0	1.1032	32	32.5295
3	3.9	3.9	7.8	1.3718	40	40.6619
4	4.7	4.7	9.4	1.5036	48	48.7942
5	5.7	5.7	11.4	1.6533	54	54.8935

By Linear Regression of Y on X

Slope, m = 41.6763 Intercept, b = -14.4927
Correlation Coefficient* = 0.9956
Calibration Accepted = Yes/No**

* if Correlation Coefficient < 0.990, check and recalibration again.

Remarks : As per client's provided information, the equipment reference no. of the calibrated High Volume Sampler has been re-assigned from EL080 to HVS008 with respect to the update in quality management system.

Calibrated by : Jackey MA
Date : 30-Dec-16

Checked by : Pauline Wong
Date : 30-Dec-16



Calibration Data for High Volume Sampler (TSP Sampler)

Location : MA1w
Equipment no. : HVS008

Calibration Date : 23-Feb-17
Calibration Due Date : 23-Apr-17

CALIBRATION OF CONTINUOUS FLOW RECORDER

Ambient Condition			
Temperature, T _a	291	Kelvin	Pressure, P _a
			1017 mmHg

Orifice Transfer Standard Information					
Equipment No.	Ori002	Slope, m _c	2.10714	Intercept, b _c	-0.05158
Last Calibration Date	20-May-16	$\left(H \times P_a / 1013.3 \times 298 / T_a \right)^{1/2}$ $= m_c \times Q_{std} + b_c$			
Next Calibration Date	20-May-17				

Calibration of TSP						
Calibration Point	Manometer Reading			Q _{std}	Continuous Flow	IC
	H (inches of water)			(m ³ / min.)	Recorder, W	(W(P _a /1013.3x298/T _a) ^{1/2} /35.31)
	(up)	(down)	(difference)	X-axis	(CFM)	Y-axis
1	1.5	1.5	3.0	0.8578	20	20.2760
2	2.5	2.5	5.0	1.1003	28	28.3865
3	3.9	3.9	7.8	1.3682	37	37.5107
4	5.1	5.1	10.2	1.5611	43	43.5935
5	6.3	6.3	12.6	1.7323	50	50.6901

By Linear Regression of Y on X

Slope, m = 34.3297 Intercept, b = -9.3592
Correlation Coefficient* = 0.9993
Calibration Accepted = Yes/No**

* if Correlation Coefficient < 0.990, check and recalibration again.

Remarks : As per client's provided information, the equipment reference no. of the calibrated High Volume Sampler has been re-assigned from EL080 to HVS008 with respect to the update in quality management system.

Calibrated by : Jackey MA
Date : 23-Feb-17

Checked by : Pauline Wong
Date : 23-Feb-17



Calibration Data for High Volume Sampler (TSP Sampler)

Location : ACL1
 Equipment no. : HVS014

Calibration Date : 30-Dec-16
 Calibration Due Date : 28-Feb-17

CALIBRATION OF CONTINUOUS FLOW RECORDER

Ambient Condition			
Temperature, T_a	290	Kelvin	Pressure, P_a
			1024 mmHg

Orifice Transfer Standard Information					
Equipment No.	Ori002	Slope, m_c	2.10714	Intercept, b_c	-0.05158
Last Calibration Date	20-May-16	$\left(H \times P_a / 1013.3 \times 298 / T_a \right)^{1/2}$ $= m_c \times Q_{std} + b_c$			
Next Calibration Date	20-May-17				

Calibration of TSP						
Calibration Point	Manometer Reading			Q_{std}	Continuous Flow	IC
	H (inches of water)			($m^3 / min.$)	Recorder, W	($W(P_a/1013.3 \times 298/T_a)^{1/2}/35.31$)
	(up)	(down)	(difference)	X-axis	(CFM)	Y-axis
1	1.5	1.5	3.0	0.8621	40	40.7615
2	2.4	2.4	4.8	1.0840	46	46.8757
3	3.9	3.9	7.8	1.3751	56	57.0661
4	5.0	5.0	10.0	1.5538	60	61.1422
5	6.3	6.3	12.6	1.7411	64	65.2184

By Linear Regression of Y on X

Slope, m = 28.5859 Intercept, b = 16.3868
 Correlation Coefficient* = 0.9961
 Calibration Accepted = Yes/No**

* if Correlation Coefficient < 0.990, check and recalibration again.

Calibrated by : Jackey MA
 Date : 30-Dec-16

Checked by : Pauline Wong
 Date : 30-Dec-16



Calibration Data for High Volume Sampler (TSP Sampler)

Location : ACL1
Equipment no. : HVS014

Calibration Date : 23-Feb-17
Calibration Due Date : 23-Apr-17

CALIBRATION OF CONTINUOUS FLOW RECORDER

Ambient Condition			
Temperature, T_a	291	Kelvin	Pressure, P_a
			1017 mmHg

Orifice Transfer Standard Information			
Equipment No.	Ori002	Slope, m_c	2.10714
Last Calibration Date	20-May-16	$(H \times P_a / 1013.3 \times 298 / T_a)^{1/2}$ $= m_c \times Q_{std} + b_c$	
Next Calibration Date	20-May-17		
		Intercept, b_c	-0.05158

Calibration of TSP						
Calibration Point	Manometer Reading			Q _{std}	Continuous Flow	IC
	H (inches of water)			(m ³ / min.)	Recorder, W	(W(P _a /1013.3x298/T _a) ^{1/2} /35.31)
	(up)	(down)	(difference)	X-axis	(CFM)	Y-axis
1	1.2	1.2	2.4	0.7698	46	46.6349
2	1.8	1.8	3.6	0.9374	50	50.6901
3	3.1	3.1	6.2	1.2225	55	55.7591
4	4.1	4.1	8.2	1.4022	60	60.8281
5	5.4	5.4	10.8	1.6056	65	65.8971

By Linear Regression of Y on X

Slope, m = 22.6631 Intercept, b = 29.0494
Correlation Coefficient* = 0.9971
Calibration Accepted = Yes/No**

* if Correlation Coefficient < 0.990, check and recalibration again.

Calibrated by : Jackey MA
Date : 23-Feb-17

Checked by : Pauline Wong
Date : 23-Feb-17



Calibration Data for High Volume Sampler (TSP Sampler)

Location : ACL2a
Equipment no. : HVS011

Calibration Date : 30-Dec-16
Calibration Due Date : 28-Feb-17

CALIBRATION OF CONTINUOUS FLOW RECORDER

Ambient Condition			
Temperature, T _a	290	Kelvin	Pressure, P _a
			1024 mmHg

Orifice Transfer Standard Information					
Equipment No.	Ori002	Slope, m _c	2.10714	Intercept, b _c	-0.05158
Last Calibration Date	20-May-16	$(H \times P_a / 1013.3 \times 298 / T_a)^{1/2}$ $= m_c \times Q_{std} + b_c$			
Next Calibration Date	20-May-17				

Calibration of TSP						
Calibration Point	Manometer Reading			Q _{std}	Continuous Flow	IC
	H (inches of water)			(m ³ / min.)	Recorder, W	(W(P _a /1013.3x298/T _a) ^{1/2} /35.31)
	(up)	(down)	(difference)	X-axis	(CFM)	Y-axis
1	1.5	1.5	3.0	0.8621	29	29.5521
2	2.5	2.5	5.0	1.1059	36	36.6853
3	3.9	3.9	7.8	1.3751	44	44.8376
4	5.1	5.1	10.2	1.5690	50	50.9519
5	6.5	6.5	13.0	1.7682	56	57.0661

By Linear Regression of Y on X

Slope, m = 30.4342 Intercept, b = 3.1567
Correlation Coefficient* = 0.9999
Calibration Accepted = Yes/No**

* if Correlation Coefficient < 0.990, check and recalibration again.

Remarks : As per client's provided information, the equipment reference no. of the calibrated High Volume Sampler has been re-assigned from EL111 to HVS011 with respect to the update in quality management system.

Calibrated by : Jackey MA
Date : 30-Dec-16

Checked by : Pauline Wong
Date : 30-Dec-16



Calibration Data for High Volume Sampler (TSP Sampler)

Location : ACL2a
Equipment no. : HVS011

Calibration Date : 23-Feb-17
Calibration Due Date : 23-Apr-17

CALIBRATION OF CONTINUOUS FLOW RECORDER

Ambient Condition			
Temperature, T_a	291	Kelvin	Pressure, P_a
			1017 mmHg

Orifice Transfer Standard Information					
Equipment No.	Ori002	Slope, m_c	2.10714	Intercept, b_c	-0.05158
Last Calibration Date	20-May-16	$\left(H \times P_a / 1013.3 \times 298 / T_a \right)^{1/2}$ $= m_c \times Q_{std} + b_c$			
Next Calibration Date	20-May-17				

Calibration of TSP						
Calibration Point	Manometer Reading			Q_{std}	Continuous Flow	IC
	H (inches of water)			($m^3 / min.$)	Recorder, W	($W(P_a/1013.3 \times 298/T_a)^{1/2}/35.31$)
	(up)	(down)	(difference)	X-axis	(CFM)	Y-axis
1	1.6	1.6	3.2	0.8851	28	28.3865
2	2.5	2.5	5.0	1.1003	36	36.4969
3	4.1	4.1	8.2	1.4022	45	45.6211
4	5.4	5.4	10.8	1.6056	50	50.6901
5	6.7	6.7	13.4	1.7857	59	59.8143

By Linear Regression of Y on X

Slope, m = 33.2185 Intercept, b = -0.8359
Correlation Coefficient* = 0.9952
Calibration Accepted = Yes/No**

* if Correlation Coefficient < 0.990, check and recalibration again.

Remarks : As per client's provided information, the equipment reference no. of the calibrated High Volume Sampler has been re-assigned from EL111 to HVS011 with respect to the update in quality management system.

Calibrated by : Jackey MA
Date : 23-Feb-17

Checked by : Pauline Wong
Date : 23-Feb-17



Appendix 5.1

Monitoring Schedules for Reporting Month and Coming Reporting Month

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

Environmental Monitoring Schedule
February 2017

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					27-Jan	28-Jan
29-Jan	30-Jan	31-Jan	1-Feb	2-Feb	3-Feb	4-Feb
			24hr TSP Noise (daytime) (M1a,M2b M3a,M4b,M5b,M6)	24hrTSP(CMA1b) 1hr TSP Noise (daytime) (M7e,M7w,M8)		
5-Feb	6-Feb	7-Feb	8-Feb	9-Feb	10-Feb	11-Feb
		24hr TSP Noise (daytime) (M5b,M6)	1hr TSP Noise (daytime) (M7e,M7w,M8)	Noise (daytime) (M1a,M2b,M3a,M4b)		
12-Feb	13-Feb	14-Feb	15-Feb	16-Feb	17-Feb	18-Feb
24hr TSP Noise (daytime) (M6)		24hr TSP (CMA1b,CMA3a) 1hr TSP	Noise (daytime) (M2b,M5b)	Noise (daytime) (M1a,M3a,M4b)	Noise (daytime) (M7e,M7w,M8)	24hr TSP
19-Feb	20-Feb	21-Feb	22-Feb	23-Feb	24-Feb	25-Feb
24hr TSP (MA1w) 1hr TSP Noise (daytime) (M7e,M7w,M8)		Noise (daytime) (M1a,M2b M3a,M4b,M5b,M6)			24hr TSP	24hr TSP(CMA3a) 1hr TSP
26-Feb						

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

Tentative Environmental Monitoring Schedule
March 2017

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	27-Feb	28-Feb	1-Mar	2-Mar	3-Mar	4-Mar
	Noise (daytime)	Noise (daytime)		24hr TSP	1hr TSP	
5-Mar	6-Mar	7-Mar	8-Mar	9-Mar	10-Mar	11-Mar
	Noise (daytime)	Noise (daytime)	24hr TSP	1hr TSP		
12-Mar	13-Mar	14-Mar	15-Mar	16-Mar	17-Mar	18-Mar
	Noise (daytime)	24hr TSP Noise (daytime)	1hr TSP			
19-Mar	20-Mar	21-Mar	22-Mar	23-Mar	24-Mar	25-Mar
	24hr TSP Noise (daytime)	1hr TSP Noise (daytime)				24hr TSP
26-Mar	27-Mar					
	1hr TSP					



Appendix 5.2

Noise Monitoring Results and Graphical Presentations



Noise Monitoring Result

Day Time (0700 - 1900hrs on normal weekdays)

Location: M1a - Harbour Road Sports Centre

Date	Time	Weather	Measurement Noise Level			Baseline Level	Construction Noise Level	Limit Level
			Leq	L10	L90	Leq	Leq	Leq
			Unit: dB(A), (30-min)					
1/2/2017	13:00	Fine	69.0	72.5	67.5	72	69	75
9/2/2017	10:00	Fine	75.8	77.0	71.5	72	73	75
16/2/2017	09:50	Fine	76.8	80.0	71.5	72	75	75
21/2/2017	15:09	Cloudy	73.5	75.5	69.0	72	68	75

Location: M2b - Noon-day gun area

Date	Time	Weather	Measurement Noise Level			Baseline Level	Construction Noise Level	Limit Level
			Leq	L10	L90	Leq	Leq	Leq
			Unit: dB(A), (30-min)					
1/2/2017	13:50	Fine	66.9	67.5	63.5	68	67	75
9/2/2017	10:45	Fine	67.7	69.0	65.5	68	51	75
15/2/2017	09:51	Fine	67.5	69.0	65.5	68	68	75
21/2/2017	14:20	Cloudy	67.1	68.5	65.0	68	67	75

Location: M3a - Tung Lo Wan Fire Station

Date	Time	Weather	Measurement Noise Level			Baseline Level	Construction Noise Level	Limit Level
			Leq	L10	L90	Leq	Leq	Leq
			Unit: dB(A), (30-min)					
1/2/2017	14:30	Fine	64.9	66.5	62.0	69	65	75
9/2/2017	11:25	Fine	66.3	67.0	64.5	69	66	75
16/2/2017	10:31	Fine	64.5	66.0	62.5	69	65	75
21/2/2017	13:00	Cloudy	66.0	67.0	64.5	69	66	75

Location: M4b - Victoria Centre

Date	Time	Weather	Measurement Noise Level			Baseline Noise Level	Construction Noise Level		Limit Level
			Leq	L10	L90	Leq	Leq	Leq	
			Unit: dB(A), (30min)						
1/2/2017	15:10	Fine	63.4	64.5	60.5	67	63	75	
9/2/2017	13:30	Fine	64.9	66.5	62.0	67	65	75	
16/2/2017	11:08	Fine	66.8	68.5	64.5	67	67	75	
21/2/2017	13:37	Cloudy	64.7	66.0	62.0	67	65	75	

Location: M5b - City Garden

Date	Time	Weather	Measurement Noise Level			Baseline Level	Construction Noise Level	Limit Level
			Leq	L10	L90	Leq	Leq	Leq
			Unit: dB(A), (30min)					
1/2/2017	15:50	Fine	65.8	67.5	62.5	68	66	75
7/2/2017	08:05	Fine	68.0	69.5	67.0	68	68	75
15/2/2017	10:55	Fine	67.1	68.5	65.0	68	67	75
21/2/2017	10:20	Cloudy	71.0	74.0	70.2	68	68	75

Location: M6 - HK Baptist Church Henrietta Secondary School

Date	Time	Weather	Measurement Noise Level			Baseline Level	Construction Noise Level		Limit Level
			Leq	L10	L90	Leq	Leq	Leq	
			Unit: dB(A), (30-min)						
1/2/2017	16:26	Fine	67.1	68.5	65.0	71		67	70
7/2/2017	08:45	Fine	68.5	69.0	67.5	71		69	65
13/2/2017	10:55	Fine	68.4	69.5	66.5	71		68	65
21/2/2017	10:57	Cloudy	68.5	69.0	66.5	71		69	65



Noise Monitoring Result

Day Time (0700 - 1900hrs on normal weekdays)

Location: M7e - International Finance Centre (Eastern End of Podium) (Reference Station)

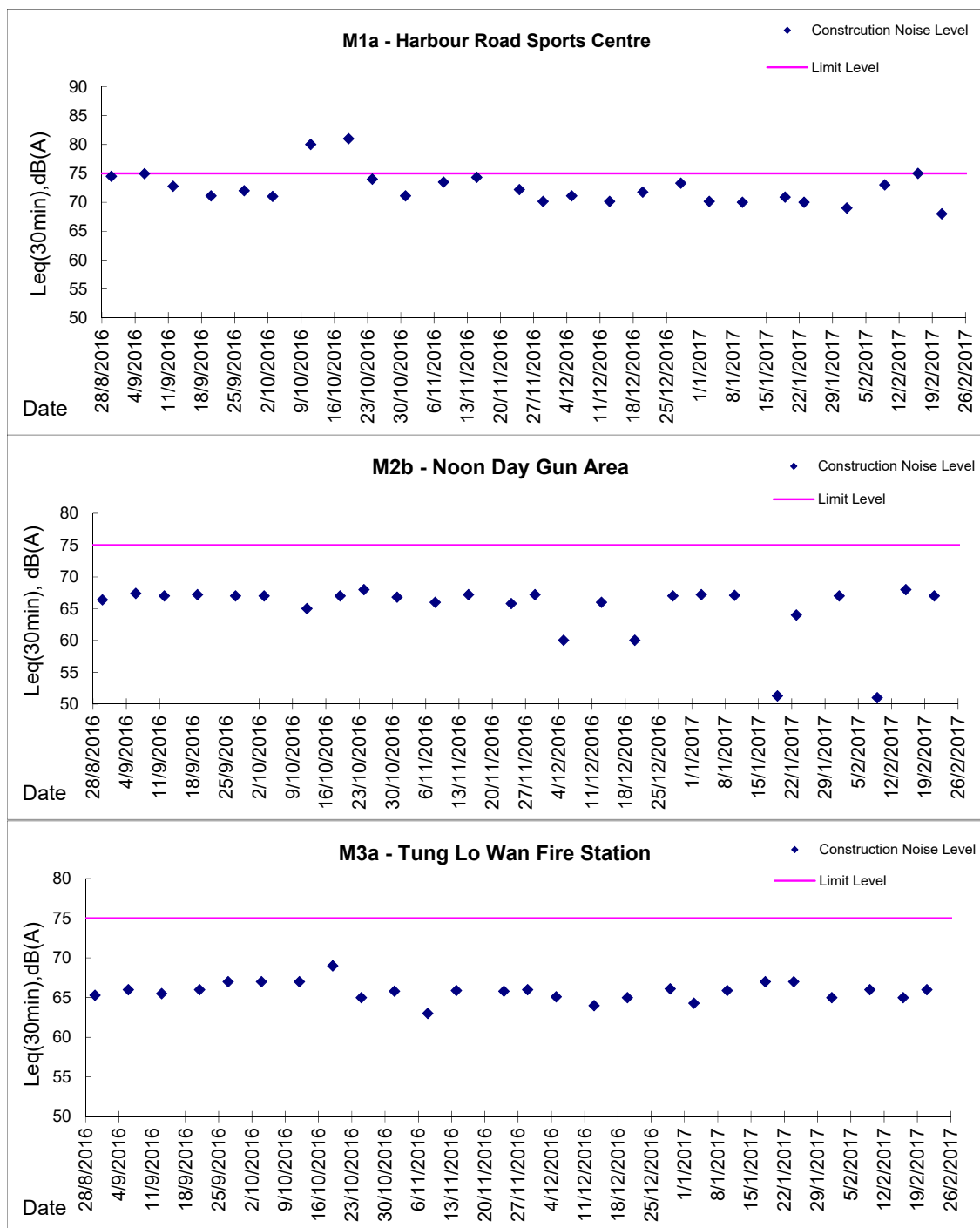
Date	Time	Weather	Measurement Noise Level			Baseline Level	Construction Noise Level	Limit Level
			Leq	L10	L90	Leq	Leq	Leq
			Unit: dB(A), (30-min)					
2/2/2017	08:30	Fine	66.0	67.0	64.5	67	66	N/A
8/2/2017	08:30	Fine	68.0	69.0	66.5	67	62	N/A
17/2/2017	09:44	Fine	66.8	68.5	62.5	67	67	N/A
20/2/2017	08:30	Fine	66.5	68.5	65.0	67	67	N/A

Location: M7w - International Finance Centre (Western End of Podium)

Date	Time	Weather	Measurement Noise Level			Baseline Level	Construction Noise Level	Limit Level
			Leq	L10	L90	Leq	Leq	Leq
			Unit: dB(A), (30-min)					
2/2/2017	09:35	Fine	65.0	66.0	63.0	69	65	75
8/2/2017	09:35	Fine	66.0	67.0	65.0	69	66	75
17/2/2017	10:19	Fine	66.8	68.5	63.0	69	67	75
20/2/2017	09:30	Fine	65.5	68.0	64.5	69	66	75

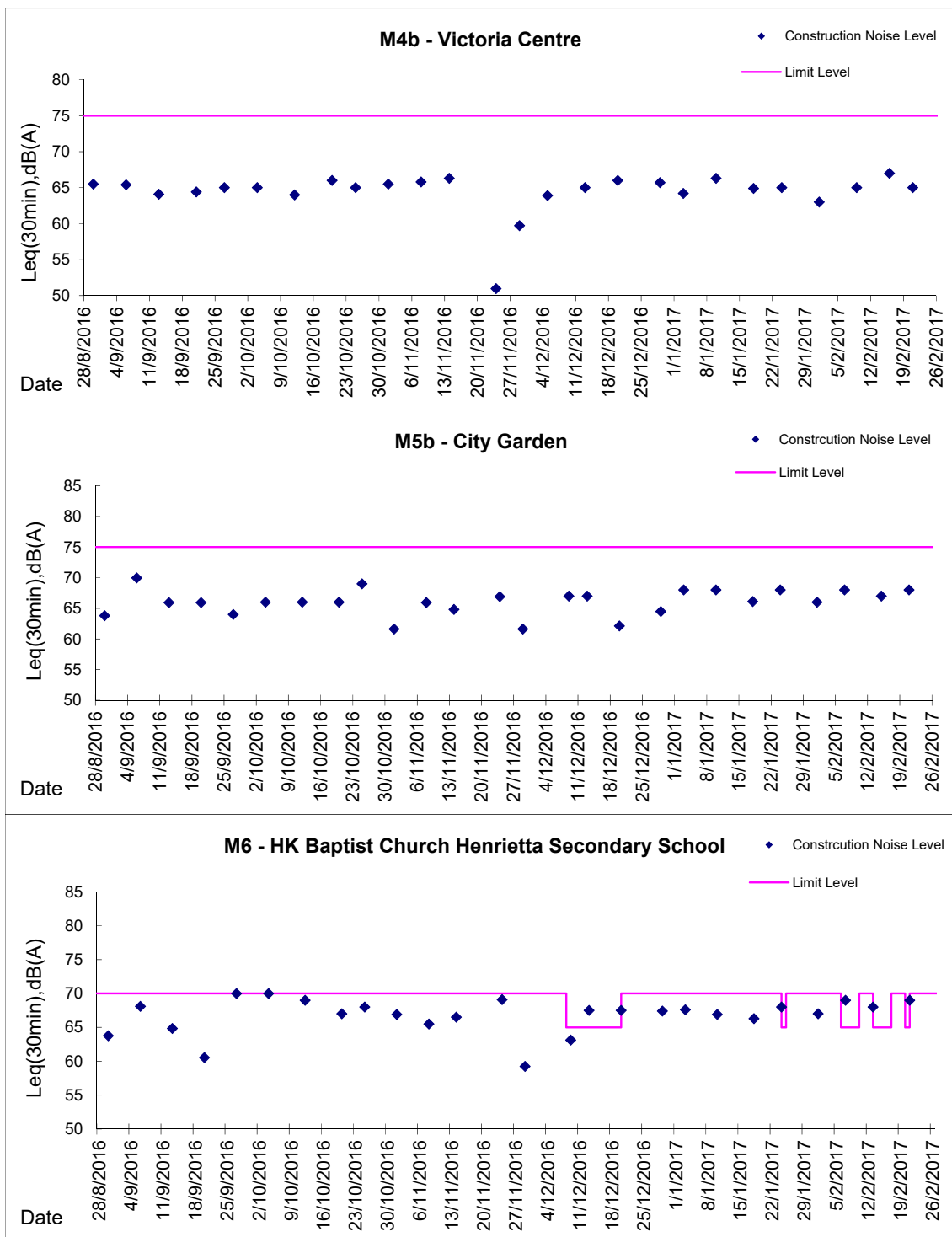
Location: M8 - City Hall

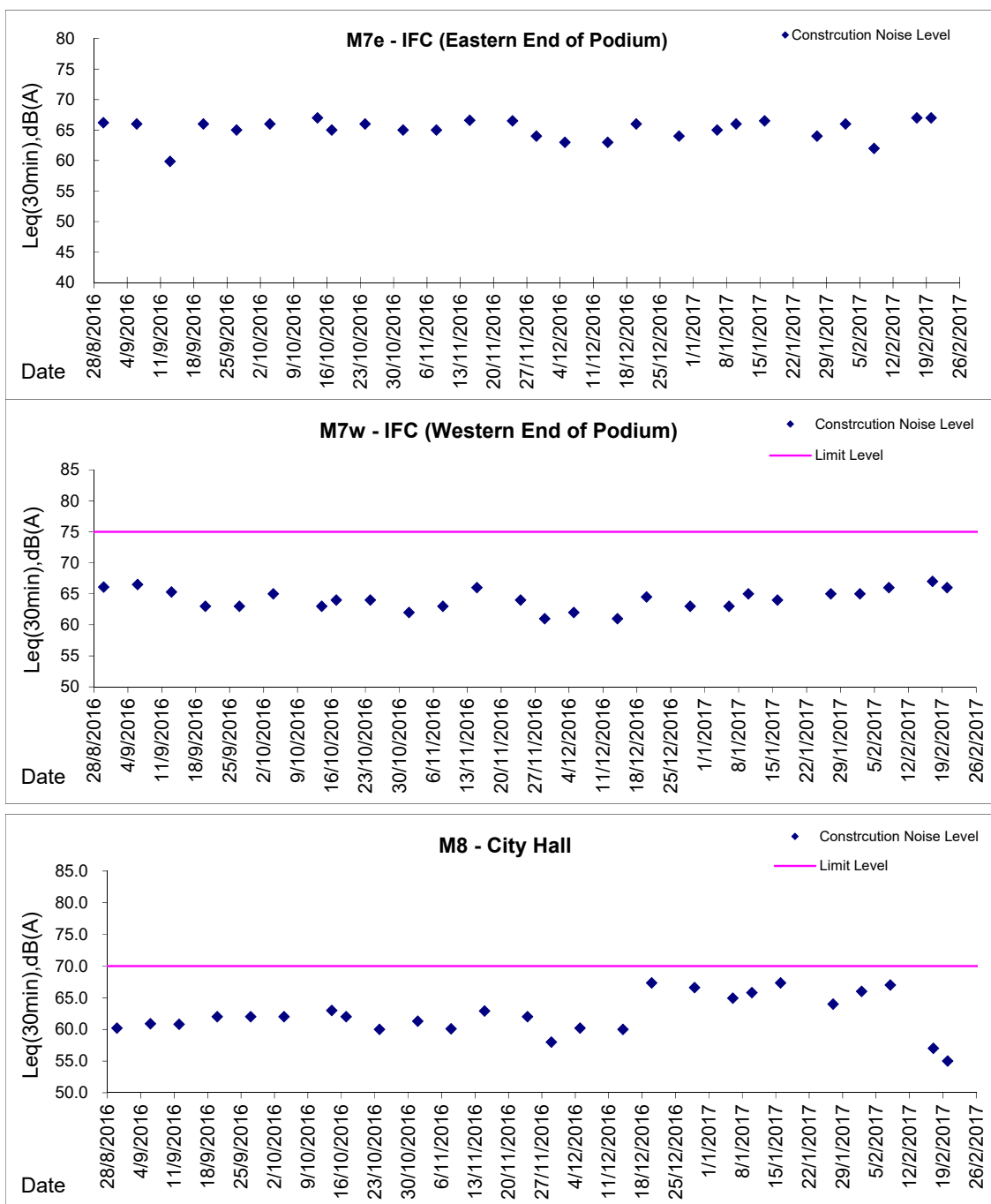
Date	Time	Weather	Measurement Noise Level			Baseline Level	Construction Noise Level	Limit Level
			Leq	L10	L90	Leq	Leq	Leq
			Unit: dB(A), (30-min)					
2/2/2017	10:35	Fine	68.0	69.5	67.5	64	66	70
8/2/2017	10:35	Fine	69.0	70.0	67.5	64	67	70
17/2/2017	11:00	Fine	64.8	65.7	56.0	64	57	70
20/2/2017	10:30	Fine	64.5	65.0	63.0	64	55	70

Graphic Presentation of Noise Monitoring Result
Day Time (0700 - 1900hrs on normal weekdays)


Graphic Presentation of Noise Monitoring Result

Day Time (0700 - 1900hrs on normal weekdays)



Graphic Presentation of Noise Monitoring Result
Day Time (0700 - 1900hrs on normal weekdays)


* Remark: M7e - IFC (Eastern End of Podium) is a reference monitoring station



Appendix 5.3

Air Quality Monitoring Results and Graphical Presentations



Location: CMA1b - Oil Street Site Office

Report on 24-hour TSP monitoring

Action Level ($\mu\text{g}/\text{m}^3$) - 176.7

Limit Level ($\mu\text{g}/\text{m}^3$) - 260

Date	Sampling Time	Weather Condition	Filter paper no.	Filter Weight, g		Elapse Time, hr		Sampling Time, hr	Flow Rate, m^3/min			Total Volume, m^3	TSP Level, $\mu\text{g}/\text{m}^3$
				Initial	Final	Initial	Final		Initial, Q_{si}	Final, Q_{sf}	Average		
2-Feb-17	14:07	Cloudy	18641	2.6292	2.7954	9464.91	9488.91	24.00	1.30	1.30	1.30	1873	88.7
7-Feb-17	8:00	Fine	19036	2.8602	3.1026	9488.91	9512.91	24.00	1.30	1.30	1.30	1868	129.8
14-Feb-17	13:00	Fine	19215	2.8642	3.1373	9519.30	9543.30	24.00	1.30	1.30	1.30	1878	145.4
18-Feb-17	8:00	Fine	19134	2.8541	3.1317	9543.30	9567.30	24.00	1.36	1.36	1.36	1963	141.4
24-Feb-17	8:00	Cloudy	19350	2.8414	2.9730	9570.35	9594.35	24.00	1.38	1.38	1.38	1983	66.4

Remarks: Due to interruption of electricity, the 24hr TSP was rescheduled from 1and 13 Feb 2017 to 2 and 14 Feb 2017 respectively.

Report on 1-hour TSP monitoring

Action Level ($\mu\text{g}/\text{m}^3$) - 320.1

Limit Level ($\mu\text{g}/\text{m}^3$) - 500

Date	Sampling Time	Weather Condition	Filter paper no.	Filter Weight, g		Elapse Time, hr		Sampling Time, hr	Flow Rate, m^3/min			Total Volume, m^3	TSP Level, $\mu\text{g}/\text{m}^3$
				Initial	Final	Initial	Final		Initial, Q_{si}	Final, Q_{sf}	Average		
2-Feb-17	8:03	Cloudy	18643	2.6333	2.6474	9461.91	9462.91	1.00	1.30	1.30	1.30	78	180.5
2-Feb-17	11:00	Cloudy	19060	2.8636	2.8713	9462.91	9463.91	1.00	1.30	1.30	1.30	78	98.6
2-Feb-17	13:00	Cloudy	18960	2.8407	2.8476	9463.91	9464.91	1.00	1.30	1.30	1.30	78	88.3
8-Feb-17	8:15	Cloudy	19031	2.8425	2.8599	9512.92	9513.92	1.00	1.30	1.30	1.30	78	223.7
8-Feb-17	9:55	Cloudy	19167	2.8198	2.8318	9513.92	9514.92	1.00	1.30	1.30	1.30	78	154.3
8-Feb-17	10:57	Cloudy	19147	2.8437	2.8561	9514.92	9515.92	1.00	1.30	1.30	1.30	78	159.4
14-Feb-17	8:50	Fine	19221	2.8709	2.8747	9516.02	9517.02	1.00	1.30	1.30	1.30	78	48.5
14-Feb-17	9:55	Fine	19238	2.8473	2.8738	9517.02	9518.02	1.00	1.76	1.76	1.76	106	250.8
14-Feb-17	11:00	Fine	19133	2.8317	2.8472	9518.02	9519.02	1.00	1.30	1.30	1.30	78	198.0
20-Feb-17	8:30	Cloudy	19251	2.8406	2.8563	9567.35	9568.35	1.00	1.36	1.36	1.36	81	192.9
20-Feb-17	9:40	Cloudy	19363	2.8407	2.8532	9568.35	9569.35	1.00	1.36	1.36	1.36	81	153.6
20-Feb-17	11:00	Cloudy	19356	2.8508	2.8667	9569.35	9570.35	1.00	1.36	1.36	1.36	81	195.4
25-Feb-17	8:20	Cloudy	19492	2.8647	2.8693	9594.35	9595.35	1.00	1.38	1.38	1.38	83	55.6
25-Feb-17	9:40	Cloudy	19483	2.8566	2.8641	9595.35	9596.35	1.00	1.38	1.38	1.38	83	90.7
25-Feb-17	10:45	Cloudy	19476	2.8867	2.8965	9596.35	9597.35	1.00	1.38	1.38	1.38	83	118.5



Location: CMA2a - Causeway Bay Community Centre

Report on 24-hour TSP monitoring

Action Level ($\mu\text{g}/\text{m}^3$) - 169.5

Limit Level ($\mu\text{g}/\text{m}^3$) - 260

Date	Sampling Time	Weather Condition	Filter paper no.	Filter Weight, g		Elapse Time, hr		Sampling Time, hr	Flow Rate, m^3/min			Total Volume, m^3	TSP Level, $\mu\text{g}/\text{m}^3$
				Initial	Final	Initial	Final		Initial, Q_{si}	Final, Q_{sf}	Average		
1-Feb-17	8:00	Cloudy	18964	2.8504	2.9331	19071.04	19095.04	24.00	1.08	1.09	1.09	1562	52.9
7-Feb-17	8:00	Fine	18642	2.6202	2.6886	19098.05	19122.05	24.00	1.08	1.08	1.08	1560	43.9
13-Feb-17	8:00	Fine	19139	2.8472	2.9761	19125.05	19149.05	24.00	1.09	1.09	1.09	1568	82.2
18-Feb-17	8:00	Fine	19217	2.8386	2.9696	19152.05	19176.05	24.00	1.14	1.14	1.14	1643	79.7
24-Feb-17	8:00	Cloudy	19347	2.8507	2.9288	19179.10	19203.10	24.00	1.22	1.22	1.22	1762	44.3

Report on 1-hour TSP monitoring

Action Level ($\mu\text{g}/\text{m}^3$) - 323.4

Limit Level ($\mu\text{g}/\text{m}^3$) - 500

Date	Sampling Time	Weather Condition	Filter paper no.	Filter Weight, g		Elapse Time, hr		Sampling Time, hr	Flow Rate, m^3/min			Total Volume, m^3	TSP Level, $\mu\text{g}/\text{m}^3$
				Initial	Final	Initial	Final		Initial, Q_{si}	Final, Q_{sf}	Average		
2-Feb-17	8:30	Cloudy	19064	2.8617	2.8653	19095.05	19096.05	1.00	1.09	1.09	1.09	65	55.2
2-Feb-17	10:55	Cloudy	19061	2.8497	2.8521	19096.05	19097.05	1.00	1.09	1.09	1.09	65	36.8
2-Feb-17	13:00	Cloudy	18961	2.8370	2.8413	19097.05	19098.05	1.00	1.09	1.09	1.09	65	66.0
8-Feb-17	8:15	Cloudy	19030	2.8685	2.8748	19122.05	19123.05	1.00	1.08	1.08	1.08	65	97.0
8-Feb-17	9:40	Cloudy	19166	2.8279	2.8360	19123.05	19124.05	1.00	1.08	1.08	1.08	65	124.7
8-Feb-17	11:00	Cloudy	19148	2.8370	2.8434	19124.05	19125.05	1.00	1.08	1.08	1.08	65	98.5
14-Feb-17	8:30	Fine	19222	2.8709	2.8793	19149.05	19150.05	1.00	1.09	1.09	1.09	65	128.7
14-Feb-17	9:55	Fine	19239	2.8445	2.8513	19150.05	19151.05	1.00	1.09	1.09	1.09	65	104.2
14-Feb-17	13:00	Fine	19230	2.8635	2.8678	19151.05	19152.05	1.00	1.09	1.09	1.09	65	65.9
20-Feb-17	8:30	Cloudy	19252	2.8497	2.8562	19176.10	19177.10	1.00	1.13	1.13	1.13	68	95.5
20-Feb-17	9:40	Cloudy	19364	2.8480	2.8617	19177.10	19178.10	1.00	1.13	1.13	1.13	68	201.4
20-Feb-17	11:00	Cloudy	19357	2.8601	2.8658	19178.10	19179.10	1.00	1.13	1.13	1.13	68	83.8
25-Feb-17	8:30	Cloudy	19490	2.8756	2.8798	19203.10	19204.10	1.00	1.16	1.16	1.16	69	60.5
25-Feb-17	9:40	Cloudy	19484	2.8478	2.8492	19204.10	19205.10	1.00	1.16	1.16	1.16	69	20.2
25-Feb-17	11:00	Cloudy	19477	2.8864	2.8906	19205.10	19206.10	1.00	1.16	1.16	1.16	69	60.5



Location: CMA3a - CWB PRE Site Office Area

Report on 24-hour TSP monitoring

Action Level ($\mu\text{g}/\text{m}^3$) - 171

Limit Level ($\mu\text{g}/\text{m}^3$) - 260

Date	Sampling Time	Weather Condition	Filter paper no.	Filter Weight, g		Elapse Time, hr		Sampling Time, hr	Flow Rate, m^3/min			Total Volume, m^3	TSP Level, $\mu\text{g}/\text{m}^3$
				Initial	Final	Initial	Final		Initial, Q_{si}	Final, Q_{sf}	Average		
1-Feb-17	8:00	Cloudy	19078	2.8560	2.9246	6526.95	6550.95	24.00	1.05	1.05	1.05	1512	45.4
7-Feb-17	8:00	Fine	18958	2.8509	2.9822	6553.96	6577.96	24.00	1.05	1.05	1.05	1508	87.1
14-Feb-17	15:15	Fine	19130	2.8295	2.9676	6606.39	6630.39	24.00	1.06	1.05	1.05	1519	90.9
18-Feb-17	8:00	Fine	19208	2.8448	2.9669	6630.39	6654.39	24.00	1.04	1.05	1.05	1505	81.1
25-Feb-17	11:45	Cloudy	19224	2.8184	2.8901	6660.39	6684.39	24.00	1.21	1.20	1.21	1736	41.3

Remarks: Due to interruption of electricity, the 24hr TSP was rescheduled from 13 and 24 Feb 2017 to 14 and 25 Feb 2017 respectively.

Report on 1-hour TSP monitoring

Action Level ($\mu\text{g}/\text{m}^3$) - 311.3

Limit Level ($\mu\text{g}/\text{m}^3$) - 500

Date	Sampling Time	Weather Condition	Filter paper no.	Filter Weight, g		Elapse Time, hr		Sampling Time, hr	Flow Rate, m^3/min			Total Volume, m^3	TSP Level, $\mu\text{g}/\text{m}^3$
				Initial	Final	Initial	Final		Initial, Q_{si}	Final, Q_{sf}	Average		
2-Feb-17	8:15	Cloudy	19056	2.8387	2.8440	6550.95	6551.95	1.00	1.20	1.20	1.20	72	73.7
2-Feb-17	9:30	Cloudy	19062	2.8399	2.8462	6551.95	6552.95	1.00	1.05	1.05	1.05	63	99.8
2-Feb-17	11:00	Cloudy	19062	2.8356	2.8395	6552.95	6553.95	1.00	1.05	1.05	1.05	63	61.8
8-Feb-17	8:10	Cloudy	19033	2.8569	2.8612	6577.96	6578.96	1.00	1.05	1.05	1.05	63	68.5
8-Feb-17	9:45	Cloudy	19168	2.8483	2.8526	6578.96	6579.96	1.00	1.05	1.05	1.05	63	68.5
8-Feb-17	10:47	Cloudy	19149	2.8267	2.8324	6579.96	6580.96	1.00	1.12	1.12	1.12	67	84.9
14-Feb-17	8:35	Fine	19225	2.8485	2.8593	6603.39	6604.39	1.00	1.20	1.20	1.20	72	149.6
14-Feb-17	10:25	Fine	19241	2.8361	2.8449	6604.39	6605.39	1.00	1.20	1.20	1.20	72	121.9
14-Feb-17	13:45	Fine	19131	2.8427	2.8490	6605.39	6606.39	1.00	1.06	1.06	1.06	63	99.5
20-Feb-17	8:10	Cloudy	19253	2.8641	2.8684	6654.39	6655.39	1.00	1.04	1.04	1.04	62	69.1
20-Feb-17	9:40	Cloudy	19250	2.8464	2.8501	6655.39	6656.39	1.00	1.04	1.04	1.04	62	59.5
20-Feb-17	13:00	Cloudy	19358	2.8571	2.8641	6656.39	6657.39	1.00	1.04	1.04	1.04	62	112.5
25-Feb-17	8:20	Cloudy	19348	2.8652	2.8778	6657.39	6658.39	1.00	1.21	1.21	1.21	72	173.8
25-Feb-17	9:30	Cloudy	19485	2.8614	2.8639	6658.39	6659.39	1.00	1.21	1.21	1.21	72	34.5
25-Feb-17	10:33	Cloudy	19478	2.8764	2.8777	6659.39	6660.39	1.00	1.21	1.21	1.21	72	17.9

Location: CMA4a - SPCA

Report on 24-hour TSP monitoring

Action Level ($\mu\text{g}/\text{m}^3$) - 171.2

Limit Level ($\mu\text{g}/\text{m}^3$) - 260

Date	Sampling Time	Weather Condition	Filter paper no.	Filter Weight, g		Elapse Time, hr		Sampling Time, hr	Flow Rate, m^3/min			Total Volume, m^3	TSP Level, $\mu\text{g}/\text{m}^3$
				Initial	Final	Initial	Final		Initial, Q_{si}	Final, Q_{sf}	Average		
1-Feb-17	8:00	Cloudy	18965	2.8635	2.9567	23309.44	23333.44	24.00	1.21	1.22	1.22	1750	53.3
7-Feb-17	8:00	Fine	18959	2.8350	2.9809	23336.45	23360.45	24.00	1.21	1.21	1.21	1746	83.5
13-Feb-17	8:00	Fine	19143	2.8481	3.0058	23363.45	23387.45	24.00	1.22	1.22	1.22	1755	89.8
18-Feb-17	8:00	Fine	19129	2.8332	2.9756	23390.45	23414.45	24.00	1.21	1.21	1.21	1745	81.6
24-Feb-17	8:00	Cloudy	19349	2.8321	2.9059	23417.45	23441.45	24.00	1.27	1.27	1.27	1829	40.4

Report on 1-hour TSP monitoring

Action Level ($\mu\text{g}/\text{m}^3$) - 312.5

Limit Level ($\mu\text{g}/\text{m}^3$) - 500

Date	Sampling Time	Weather Condition	Filter paper no.	Filter Weight, g		Elapse Time, hr		Sampling Time, hr	Flow Rate, m^3/min			Total Volume, m^3	TSP Level, $\mu\text{g}/\text{m}^3$
				Initial	Final	Initial	Final		Initial, Q_{si}	Final, Q_{sf}	Average		
2-Feb-17	8:26	Cloudy	19055	2.8565	2.8613	23333.45	23334.45	1.00	1.22	1.22	1.22	73	65.8
2-Feb-17	10:29	Cloudy	19054	2.8532	2.8578	23334.45	23335.45	1.00	1.22	1.22	1.22	73	63.0
2-Feb-17	13:00	Cloudy	19049	2.8541	2.8584	23335.45	23336.45	1.00	1.22	1.22	1.22	73	58.9
8-Feb-17	8:10	Cloudy	19032	2.8510	2.8554	23360.45	23361.45	1.00	1.21	1.21	1.21	73	60.5
8-Feb-17	9:30	Cloudy	19169	2.8359	2.8413	23361.45	23362.45	1.00	1.21	1.21	1.21	73	74.3
8-Feb-17	10:45	Cloudy	19150	2.8496	2.8556	23362.45	23363.45	1.00	1.21	1.21	1.21	73	82.5
14-Feb-17	8:10	Fine	19226	2.8426	2.8527	23387.45	23388.45	1.00	1.17	1.17	1.17	70	143.7
14-Feb-17	9:30	Fine	19242	2.8612	2.8639	23388.45	23389.45	1.00	1.17	1.17	1.17	70	38.4
14-Feb-17	10:45	Fine	19132	2.8432	2.8470	23389.45	23390.45	1.00	1.17	1.17	1.17	70	54.1
20-Feb-17	8:10	Cloudy	19254	2.8657	2.8702	23414.45	23415.45	1.00	1.16	1.16	1.16	70	64.7
20-Feb-17	9:30	Cloudy	19259	2.8490	2.8541	23415.45	23416.45	1.00	1.16	1.16	1.16	70	73.3
20-Feb-17	11:00	Cloudy	19359	2.8382	2.8435	23416.45	23417.45	1.00	1.16	1.16	1.16	70	76.2
25-Feb-17	8:15	Cloudy	19491	2.8635	2.8645	23441.45	23442.45	1.00	1.25	1.25	1.25	75	13.4
25-Feb-17	9:30	Cloudy	19486	2.8595	2.8620	23442.45	23443.45	1.00	1.25	1.25	1.25	75	33.4
25-Feb-17	11:00	Cloudy	19479	2.8595	2.8645	23443.45	23444.45	1.00	1.25	1.25	1.25	75	66.9



Location: CMA5b - Pedestrian Plaza

Report on 24-hour TSP monitoring

Action Level ($\mu\text{g}/\text{m}^3$) - 181

Limit Level ($\mu\text{g}/\text{m}^3$) - 260

Date	Sampling Time	Weather Condition	Filter paper no.	Filter Weight, g		Elapse Time, hr		Sampling Time, hr	Flow Rate, m^3/min			Total Volume, m^3	TSP Level, $\mu\text{g}/\text{m}^3$
				Initial	Final	Initial	Final		Initial, Q_{si}	Final, Q_{sf}	Average		
1-Feb-17	8:00	Cloudy	18982	2.8809	2.9571	7916.77	7940.77	24.00	0.79	0.80	0.79	1144	66.6
7-Feb-17	8:00	Fine	19038	2.8550	3.0660	7943.77	7967.77	24.00	0.91	0.91	0.91	1314	160.5
13-Feb-17	8:00	Fine	19146	2.8414	3.0870	7970.77	7994.77	24.00	0.95	0.95	0.95	1371	179.2
18-Feb-17	8:00	Fine	10214	2.8550	3.1384	7997.77	8021.77	24.00	0.94	0.94	0.94	1356	209.0
24-Feb-17	8:00	Cloudy	19355	2.8363	2.9892	8024.77	8048.77	24.00	0.98	0.98	0.98	1414	108.2

Report on 1-hour TSP monitoring

Action Level ($\mu\text{g}/\text{m}^3$) - 332

Limit Level ($\mu\text{g}/\text{m}^3$) - 500

Date	Sampling Time	Weather Condition	Filter paper no.	Filter Weight, g		Elapse Time, hr		Sampling Time, hr	Flow Rate, m^3/min			Total Volume, m^3	TSP Level, $\mu\text{g}/\text{m}^3$
				Initial	Final	Initial	Final		Initial, Q_{si}	Final, Q_{sf}	Average		
2-Feb-17	8:04	Cloudy	19010	2.8125	2.8185	7940.77	7941.77	1.00	0.92	0.92	0.92	55	109.0
2-Feb-17	9:26	Cloudy	19052	2.8595	2.8701	7941.77	7942.77	1.00	0.92	0.92	0.92	55	192.6
2-Feb-17	13:00	Cloudy	19050	2.8449	2.8709	7942.77	7943.77	1.00	0.92	0.92	0.92	55	472.3
8-Feb-17	8:03	Cloudy	19197	2.8584	2.8698	7967.77	7968.77	1.00	0.79	0.79	0.79	47	240.2
8-Feb-17	9:10	Cloudy	19172	2.8541	2.8615	7968.77	7969.77	1.00	0.79	0.79	0.79	47	155.9
8-Feb-17	10:30	Cloudy	19165	2.8277	2.8470	7969.77	7970.77	1.00	0.97	0.97	0.97	58	330.9
14-Feb-17	8:03	Fine	19195	2.8543	2.8650	7994.77	7995.77	1.00	0.92	0.92	0.92	55	193.7
14-Feb-17	9:10	Fine	19248	2.8666	2.8798	7995.77	7996.77	1.00	0.92	0.92	0.92	55	239.0
14-Feb-17	10:30	Fine	19236	2.8479	2.8564	7996.77	7997.77	1.00	0.92	0.92	0.92	55	153.9
20-Feb-17	8:04	Cloudy	19044	2.8525	2.8633	8021.77	8022.77	1.00	0.90	0.84	0.87	52	206.0
20-Feb-17	9:10	Cloudy	19352	2.8328	2.8449	8022.77	8023.77	1.00	0.84	0.84	0.84	51	239.0
20-Feb-17	10:30	Cloudy	19362	2.8463	2.8650	8023.77	8024.77	1.00	0.96	0.93	0.95	57	328.4
25-Feb-17	8:03	Cloudy	19399	2.8204	2.8253	8048.77	8049.77	1.00	0.98	0.98	0.98	59	83.1
25-Feb-17	9:10	Cloudy	19488	2.8697	2.8772	8049.77	8050.77	1.00	0.98	0.98	0.98	59	127.2
25-Feb-17	10:45	Cloudy	19482	2.8544	2.8608	8050.77	8051.77	1.00	0.98	0.98	0.98	59	108.6

Location: MA1e - International Finance Centre (Eastern Wing)

Report on 24-hour TSP monitoring

Action Level ($\mu\text{g}/\text{m}^3$) - 173.4

Limit Level ($\mu\text{g}/\text{m}^3$) - 260

Date	Sampling Time	Weather Condition	Filter paper no.	Filter Weight, g		Elapse Time, hr		Sampling Time, hr	Flow Rate, m^3/min			Total Volume, m^3	TSP Level, $\mu\text{g}/\text{m}^3$
				Initial	Final	Initial	Final		Initial, Q_{si}	Final, Q_{sf}	Average		
1-Feb-17	8:00	Cloudy	18992	2.8875	2.9907	20254.40	20278.40	24.00	1.25	1.26	1.26	1808	57.1
7-Feb-17	8:00	Fine	19068	2.8722	2.9965	20281.41	20305.41	24.00	1.25	1.25	1.25	1804	68.9
13-Feb-17	8:00	Fine	19155	2.8456	2.9636	20308.41	20332.41	24.00	1.26	1.26	1.26	1816	65.0
18-Feb-17	8:00	Fine	19210	2.8179	2.9144	20335.41	20359.41	24.00	1.13	1.13	1.13	1625	59.4
24-Feb-17	8:00	Cloudy	19258	2.8438	2.9026	20362.41	20386.41	24.00	1.11	1.11	1.11	1604	36.6

Report on 1-hour TSP monitoring

Action Level ($\mu\text{g}/\text{m}^3$) - 325.1

Limit Level ($\mu\text{g}/\text{m}^3$) - 500

Date	Sampling Time	Weather Condition	Filter paper no.	Filter Weight, g		Elapse Time, hr		Sampling Time, hr	Flow Rate, m^3/min			Total Volume, m^3	TSP Level, $\mu\text{g}/\text{m}^3$
				Initial	Final	Initial	Final		Initial, Q_{si}	Final, Q_{sf}	Average		
2-Feb-17	8:02	Cloudy	19074	2.8606	2.8639	20278.41	20279.41	1.00	1.26	1.26	1.26	75	43.7
2-Feb-17	9:05	Cloudy	19071	2.8420	2.8444	20279.41	20280.41	1.00	1.26	1.26	1.26	75	31.8
2-Feb-17	10:08	Cloudy	19071	2.8650	2.8671	20280.41	20281.41	1.00	1.26	1.26	1.26	75	27.8
8-Feb-17	8:01	Cloudy	19161	2.8560	2.8605	20305.41	20306.41	1.00	1.25	1.25	1.25	75	59.9
8-Feb-17	9:03	Cloudy	19158	2.8382	2.8437	20306.41	20307.41	1.00	1.25	1.25	1.25	75	73.2
8-Feb-17	10:04	Cloudy	19158	2.8377	2.8421	20307.41	20308.41	1.00	1.25	1.25	1.25	75	58.6
14-Feb-17	8:10	Fine	19244	2.8445	2.8479	20332.41	20333.41	1.00	1.14	1.14	1.14	68	49.8
14-Feb-17	9:45	Fine	19234	2.8541	2.8558	20333.41	20334.41	1.00	1.14	1.14	1.14	68	24.9
14-Feb-17	11:00	Fine	19234	2.8257	2.8283	20334.41	20335.41	1.00	1.14	1.14	1.14	68	38.1
20-Feb-17	8:01	Cloudy	19204	2.8427	2.8458	20359.41	20360.41	1.00	1.24	1.24	1.24	75	41.5
20-Feb-17	9:02	Cloudy	19201	2.8249	2.8310	20360.41	20361.41	1.00	1.24	1.24	1.24	75	81.8
20-Feb-17	10:04	Cloudy	19201	2.8282	2.8323	20361.41	20362.41	1.00	1.24	1.24	1.24	75	55.0
25-Feb-17	8:02	Cloudy	19502	2.8467	2.8494	20386.41	20387.41	1.00	1.23	1.23	1.23	74	36.6
25-Feb-17	9:04	Cloudy	19498	2.8583	2.8599	20387.41	20388.41	1.00	1.23	1.23	1.23	74	21.7
25-Feb-17	10:07	Cloudy	19498	2.8908	2.8977	20388.41	20389.41	1.00	1.23	1.23	1.23	74	93.5



Location: MA1w - International Finance Centre (Western Wing)

Report on 24-hour TSP monitoring

Action Level ($\mu\text{g}/\text{m}^3$) - 173.4
Limit Level ($\mu\text{g}/\text{m}^3$) - 260

Date	Sampling Time	Weather Condition	Filter paper no.	Filter Weight, g		Elapse Time, hr		Sampling Time, hr	Flow Rate, m^3/min			Total Volume, m^3	TSP Level, $\mu\text{g}/\text{m}^3$
				Initial	Final	Initial	Final		Initial, Q_{si}	Final, Q_{sf}	Average		
1-Feb-17	8:00	Cloudy	18991	2.8775	2.9750	20018.24	20042.24	24.00	1.24	1.24	1.24	1782	54.7
7-Feb-17	8:00	Fine	19067	2.8372	2.9663	20045.25	20069.25	24.00	1.24	1.23	1.24	1779	72.6
13-Feb-17	8:00	Fine	19154	2.8204	2.9337	20072.25	20096.25	24.00	1.24	1.24	1.24	1788	63.4
20-Feb-17	16:00	Cloudy	19257	2.8468	2.9567	20119.69	20143.69	24.00	1.23	1.23	1.23	1774	61.9
24-Feb-17	8:00	Cloudy	19342	2.8553	2.9291	20143.69	20167.69	24.00	1.36	1.36	1.36	1960	37.6

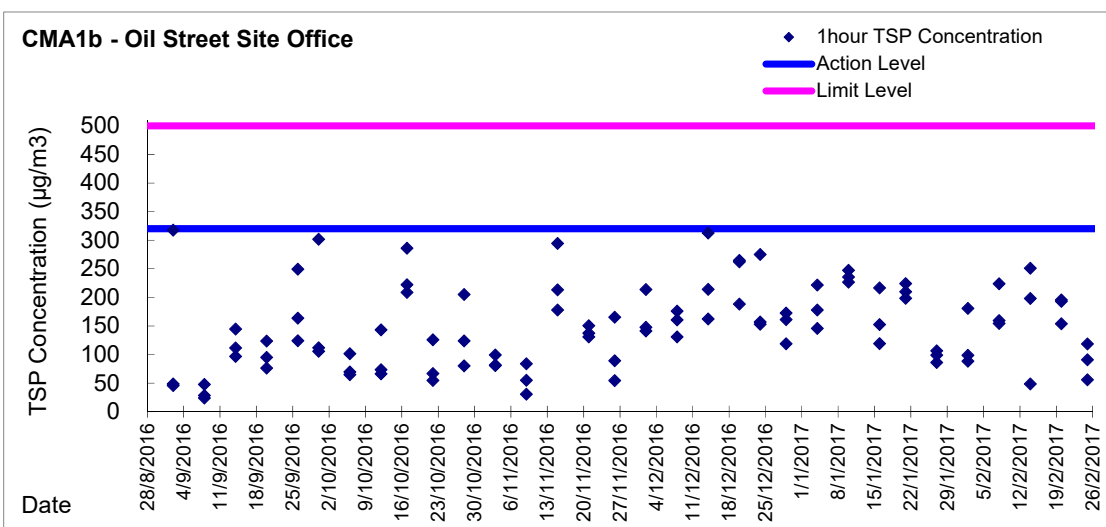
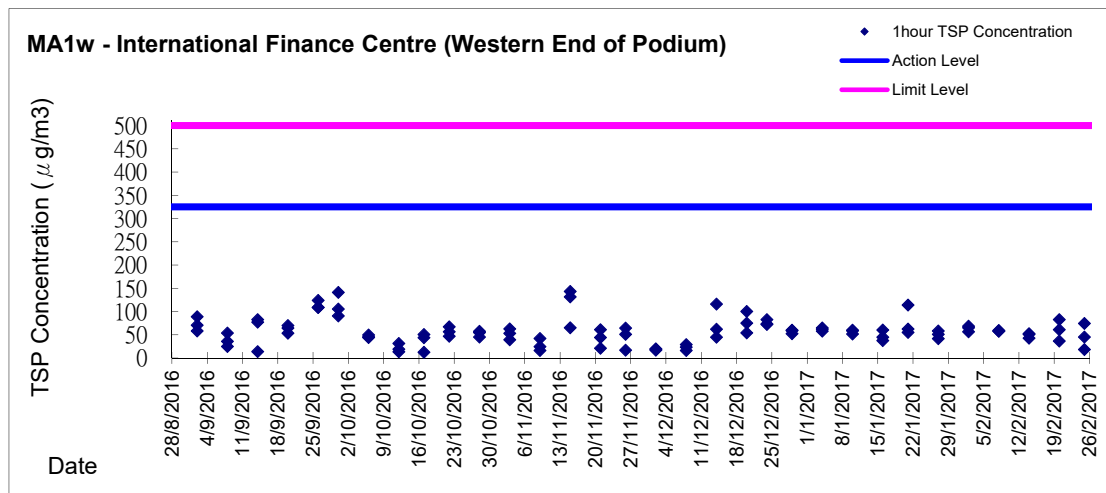
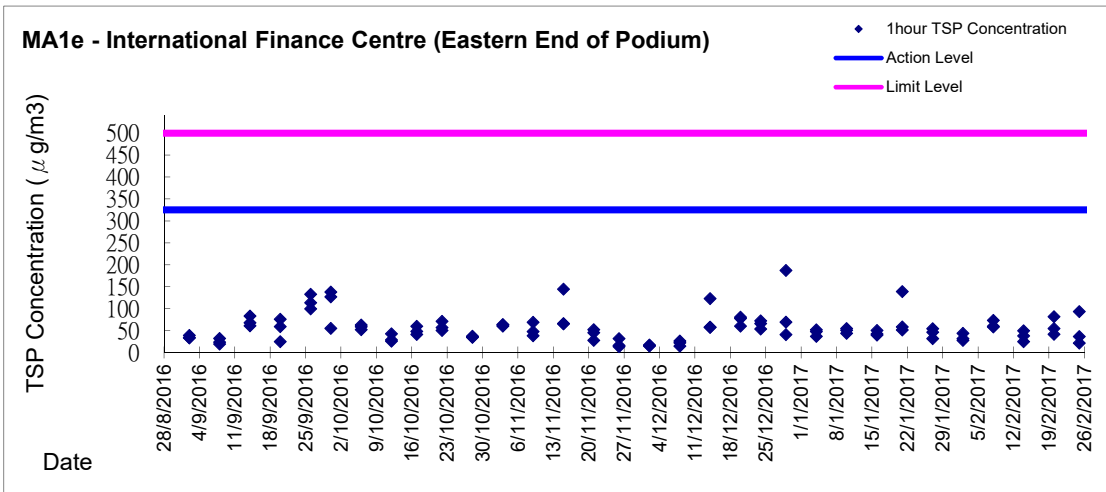
Remarks: Due to interruption of electricity, the 24hr TSP was rescheduled from 18 Feb 2017 to 20 Feb 2017.

Report on 1-hour TSP monitoring

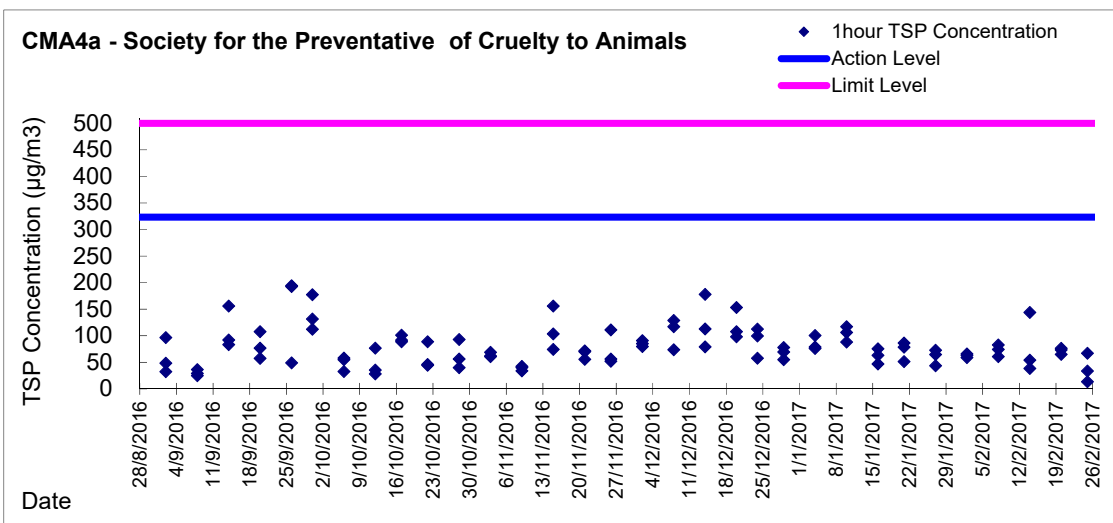
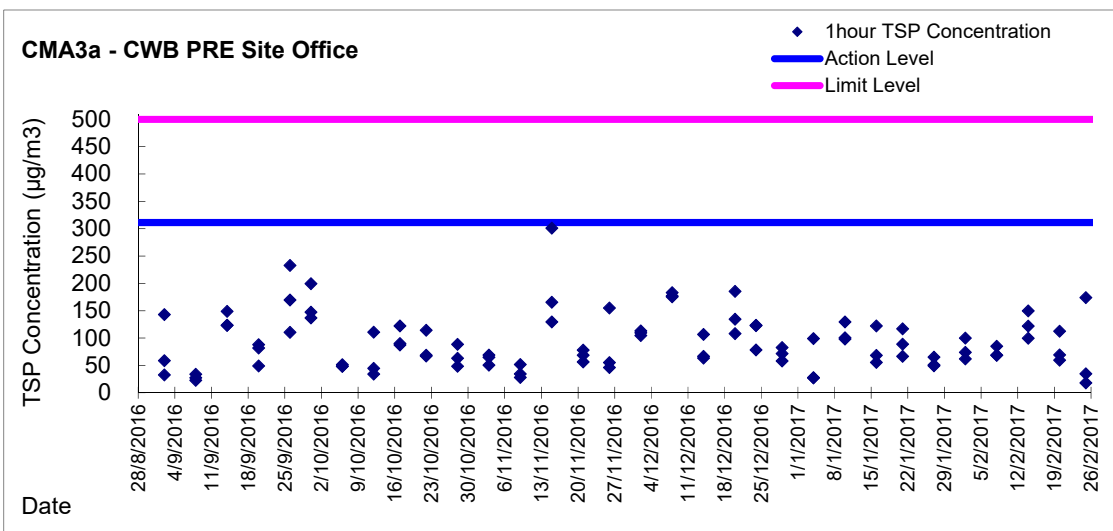
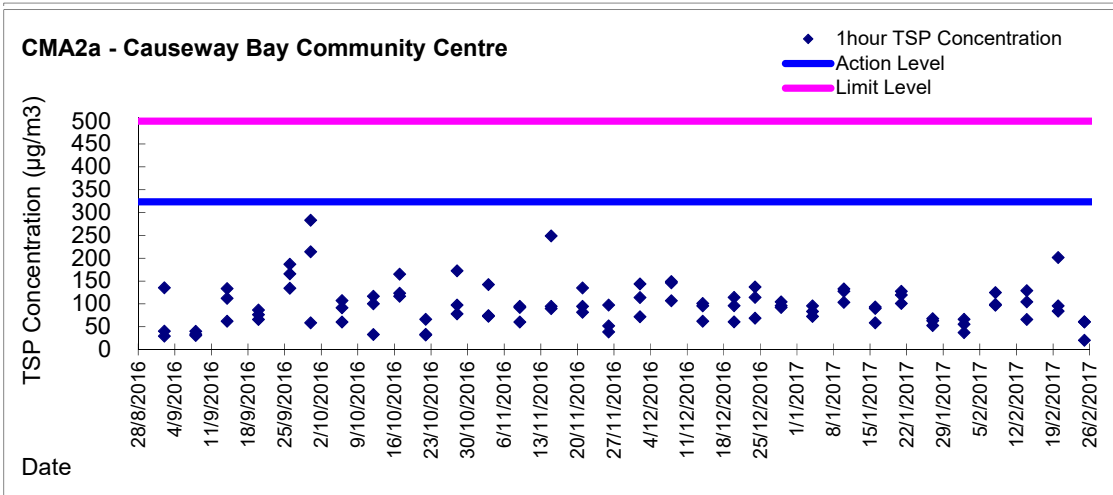
Action Level ($\mu\text{g}/\text{m}^3$) - 325.1
Limit Level ($\mu\text{g}/\text{m}^3$) - 500

Date	Sampling Time	Weather Condition	Filter paper no.	Filter Weight, g		Elapse Time, hr		Sampling Time, hr	Flow Rate, m^3/min			Total Volume, m^3	TSP Level, $\mu\text{g}/\text{m}^3$
				Initial	Final	Initial	Final		Initial, Q_{si}	Final, Q_{sf}	Average		
2-Feb-17	8:05	Cloudy	19076	2.8465	2.8516	20042.25	20043.25	1.00	1.24	1.24	1.24	74	68.6
2-Feb-17	9:08	Cloudy	19073	2.8501	2.8543	20043.25	20044.25	1.00	1.24	1.24	1.24	74	56.5
2-Feb-17	10:11	Cloudy	19070	2.8567	2.8619	20044.25	20045.25	1.00	1.33	1.33	1.33	80	65.0
8-Feb-17	8:05	Cloudy	19151	2.8384	2.8427	20069.25	20070.25	1.00	1.23	1.23	1.23	74	58.0
8-Feb-17	9:07	Cloudy	19160	2.8029	2.8072	20070.25	20071.25	1.00	1.23	1.23	1.23	74	58.0
8-Feb-17	10:09	Cloudy	19157	2.8213	2.8257	20071.25	20072.25	1.00	1.23	1.23	1.23	74	59.4
14-Feb-17	8:03	Fine	19229	2.8452	2.8484	20096.25	20097.25	1.00	1.24	1.24	1.24	74	43.0
14-Feb-17	9:45	Fine	19245	2.8610	2.8652	20097.25	20098.25	1.00	1.34	1.34	1.34	80	52.4
14-Feb-17	11:00	Fine	19232	2.8496	2.8534	20098.25	20099.25	1.00	1.24	1.24	1.24	74	51.0
20-Feb-17	8:00	Cloudy	19206	2.8473	2.8518	20116.69	20117.69	1.00	1.23	1.23	1.23	74	61.0
20-Feb-17	9:07	Cloudy	19203	2.8162	2.8189	20117.69	20118.69	1.00	1.23	1.23	1.23	74	36.6
20-Feb-17	10:09	Cloudy	19200	2.8253	2.8314	20118.69	20119.69	1.00	1.23	1.23	1.23	74	82.7
25-Feb-17	8:05	Cloudy	19504	2.8564	2.8601	20167.69	20168.69	1.00	1.36	1.36	1.36	82	45.3
25-Feb-17	9:07	Cloudy	19501	2.8928	2.8943	20168.69	20169.69	1.00	1.36	1.36	1.36	82	18.4
25-Feb-17	10:09	Cloudy	19497	2.8565	2.8626	20169.69	20170.69	1.00	1.36	1.36	1.36	82	74.6

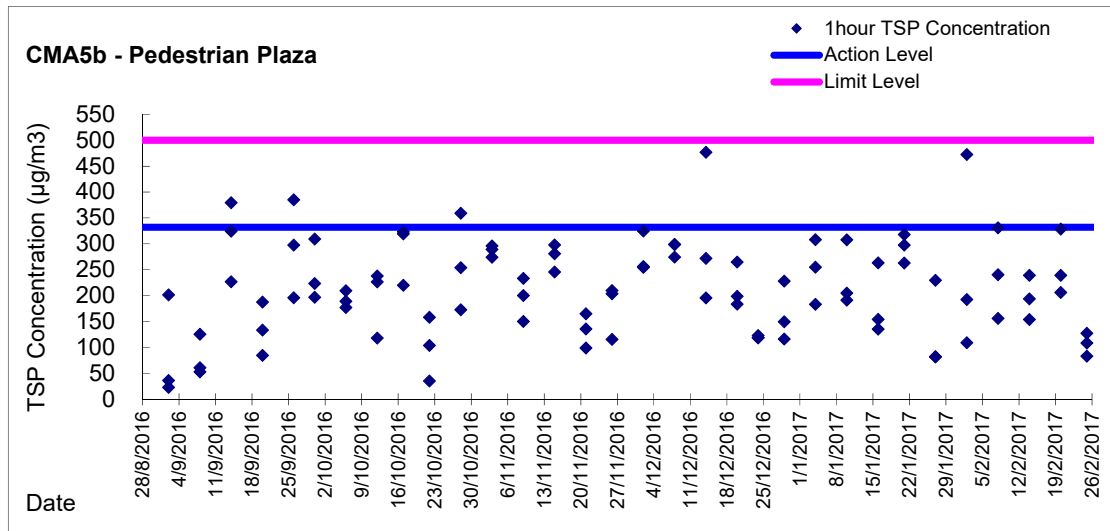
Graphic Presentation of 1 hour TSP Result

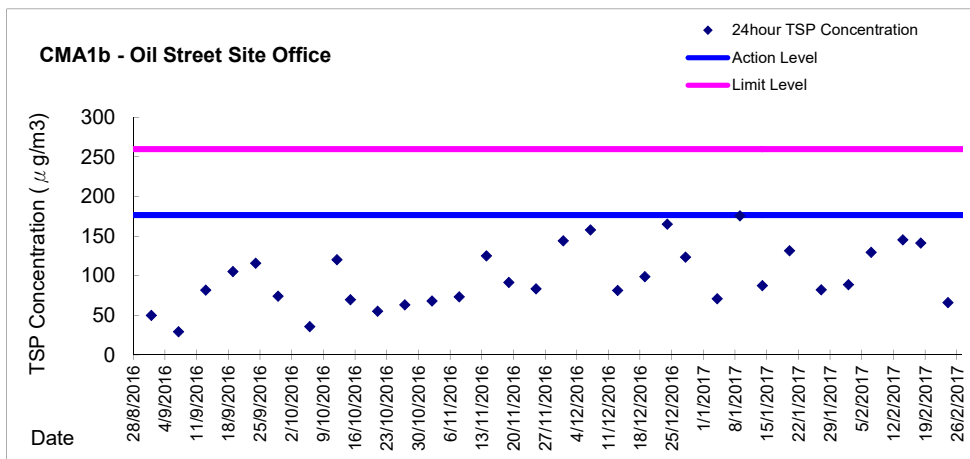
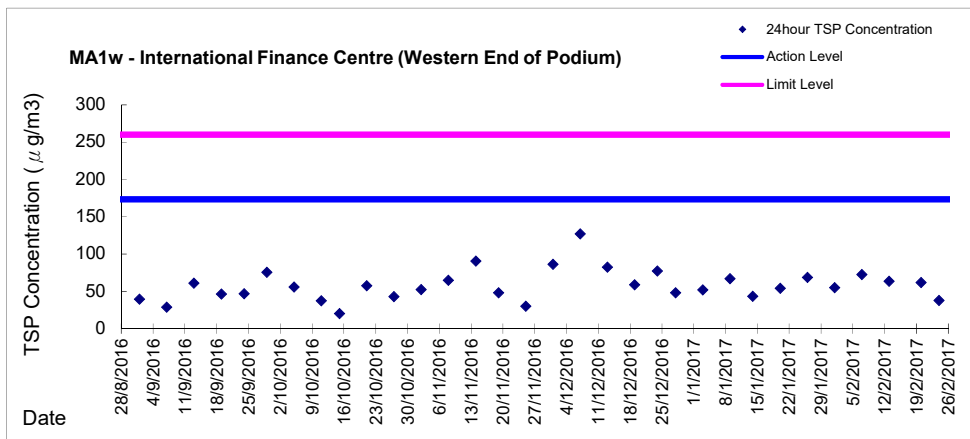
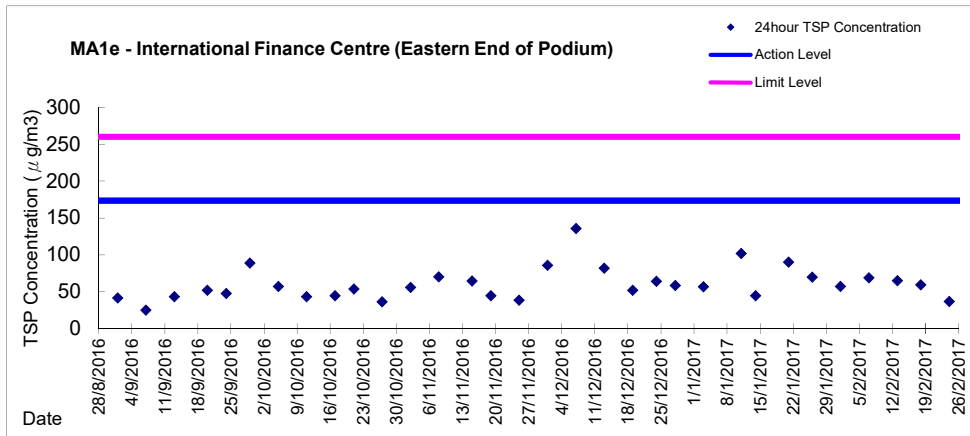


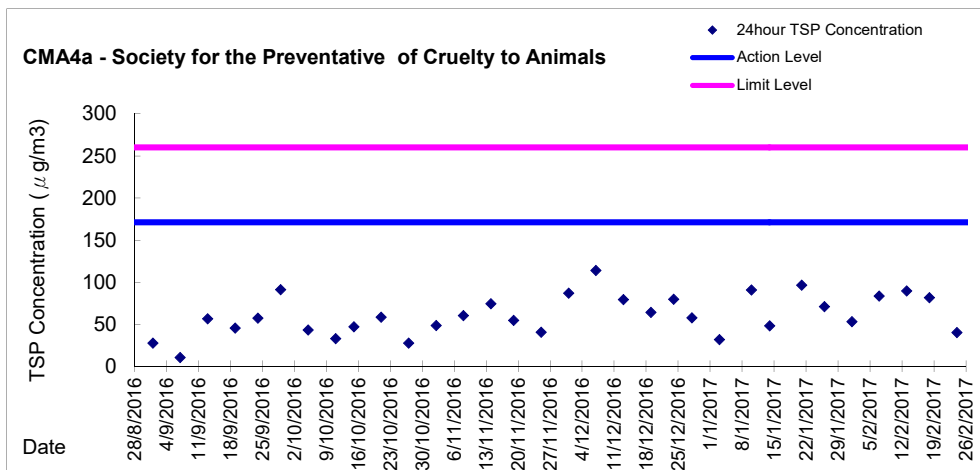
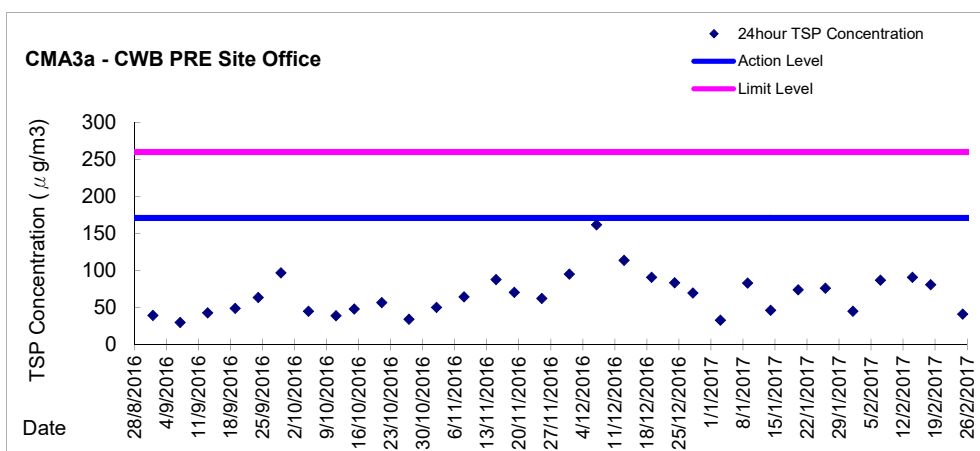
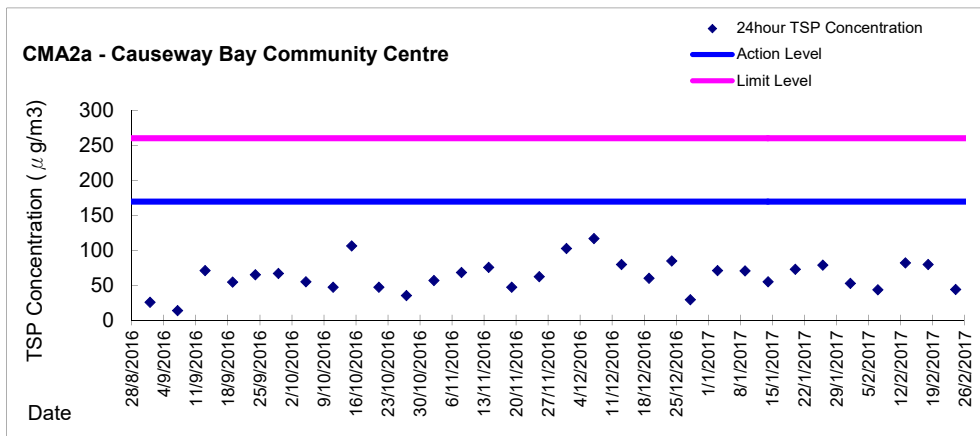
Graphic Presentation of 1 hour TSP Result



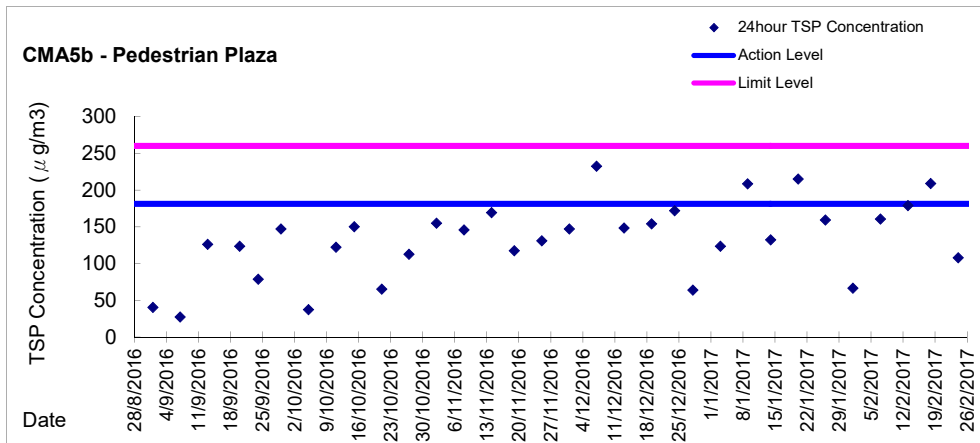
Graphic Presentation of 1 hour TSP Result



Graphic Presentation of 24 hour TSP Result


Graphic Presentation of 24 hour TSP Result


Graphic Presentation of 24 hour TSP Result





Appendix 5.4

Real Time Noise Monitoring Results and Graphical Presentations

Real-time Noise Data		RTN1 (Food and Environmental Hygiene Department Depot)									
Normal Day 07:00-19:00		4/2/2017 12:31	66	10/2/2017 7:01	65	15/2/2017 13:31	67	21/2/2017 8:01	66	25/2/2017 14:31	65
27/1/2017 7:01	65	4/2/2017 13:01	66	10/2/2017 7:31	66	15/2/2017 14:01	66	21/2/2017 8:31	65	25/2/2017 15:01	65
27/1/2017 7:31	66	4/2/2017 13:31	66	10/2/2017 8:01	65	15/2/2017 14:31	65	21/2/2017 9:01	65	25/2/2017 15:31	66
27/1/2017 8:01	66	4/2/2017 14:01	65	10/2/2017 8:31	66	15/2/2017 15:01	66	21/2/2017 9:31	66	25/2/2017 16:01	66
27/1/2017 8:31	65	4/2/2017 14:31	65	10/2/2017 9:01	66	15/2/2017 15:31	66	21/2/2017 10:01	66	25/2/2017 16:31	66
27/1/2017 9:01	66	4/2/2017 15:01	65	10/2/2017 9:31	66	15/2/2017 16:01	66	21/2/2017 10:31	66	25/2/2017 17:01	66
27/1/2017 9:31	66	4/2/2017 15:31	66	10/2/2017 10:01	67	15/2/2017 16:31	66	21/2/2017 11:01	66	25/2/2017 17:31	65
27/1/2017 10:01	66	4/2/2017 16:01	67	10/2/2017 10:31	66	15/2/2017 17:01	66	21/2/2017 11:31	66	25/2/2017 18:01	65
27/1/2017 10:31	66	4/2/2017 16:31	68	10/2/2017 11:01	66	15/2/2017 17:31	66	21/2/2017 12:01	66	25/2/2017 18:31	65
27/1/2017 11:01	66	4/2/2017 17:01	66	10/2/2017 11:31	67	15/2/2017 18:01	67	21/2/2017 12:31	66	<u>Normal Day 19:00-23:00</u> <u>Sunday & Holiday</u> <u>07:00-23:00</u>	
27/1/2017 11:31	66	4/2/2017 17:31	66	10/2/2017 12:01	66	15/2/2017 18:31	67	21/2/2017 13:01	66		
27/1/2017 12:01	66	4/2/2017 18:01	65	10/2/2017 12:31	66	16/2/2017 7:01	65	21/2/2017 13:31	66	27/1/2017 19:01	65
27/1/2017 12:31	66	4/2/2017 18:31	65	10/2/2017 13:01	66	16/2/2017 7:31	66	21/2/2017 14:01	66	27/1/2017 19:06	65
27/1/2017 13:01	66	6/2/2017 7:01	65	10/2/2017 13:31	66	16/2/2017 8:01	66	21/2/2017 14:31	66	27/1/2017 19:11	65
27/1/2017 13:31	66	6/2/2017 7:31	66	10/2/2017 14:01	66	16/2/2017 8:31	66	21/2/2017 15:01	66	27/1/2017 19:16	65
27/1/2017 14:01	66	6/2/2017 8:01	66	10/2/2017 14:31	66	16/2/2017 9:01	66	21/2/2017 15:31	66	27/1/2017 19:21	65
27/1/2017 14:31	66	6/2/2017 8:31	66	10/2/2017 15:01	66	16/2/2017 9:31	66	21/2/2017 16:01	66	27/1/2017 19:26	65
27/1/2017 15:01	66	6/2/2017 9:01	66	10/2/2017 15:31	66	16/2/2017 10:01	67	21/2/2017 16:31	65	27/1/2017 19:31	64
27/1/2017 15:31	66	6/2/2017 9:31	66	10/2/2017 16:01	66	16/2/2017 10:31	67	21/2/2017 17:01	66	27/1/2017 19:36	63
27/1/2017 16:01	66	6/2/2017 10:01	66	10/2/2017 16:31	66	16/2/2017 11:01	67	21/2/2017 17:31	65	27/1/2017 19:41	63
27/1/2017 16:31	66	6/2/2017 10:31	66	10/2/2017 17:01	65	16/2/2017 11:31	66	21/2/2017 18:01	65	27/1/2017 19:46	63
27/1/2017 17:01	66	6/2/2017 11:01	67	10/2/2017 17:31	65	16/2/2017 12:01	65	21/2/2017 18:31	66	27/1/2017 19:51	62
27/1/2017 17:31	66	6/2/2017 11:31	67	10/2/2017 18:01	65	16/2/2017 12:31	66	22/2/2017 7:01	65	27/1/2017 19:56	63
27/1/2017 18:01	65	6/2/2017 12:01	66	10/2/2017 18:31	65	16/2/2017 13:01	66	22/2/2017 7:31	67	27/1/2017 20:01	63
27/1/2017 18:31	65	6/2/2017 12:31	66	11/2/2017 7:01	63	16/2/2017 13:31	66	22/2/2017 8:01	67	27/1/2017 20:06	62
1/2/2017 7:01	64	6/2/2017 13:01	66	11/2/2017 7:31	65	16/2/2017 14:01	66	22/2/2017 8:31	66	27/1/2017 20:11	63
1/2/2017 7:31	66	6/2/2017 13:31	67	11/2/2017 8:01	66	16/2/2017 14:31	66	22/2/2017 9:01	65	27/1/2017 20:16	63
1/2/2017 8:01	67	6/2/2017 14:01	67	11/2/2017 8:31	66	16/2/2017 15:01	66	22/2/2017 9:31	66	27/1/2017 20:21	63
1/2/2017 8:31	67	6/2/2017 14:31	66	11/2/2017 9:01	66	16/2/2017 15:31	66	22/2/2017 10:01	67	27/1/2017 20:26	63
1/2/2017 9:01	67	6/2/2017 15:01	66	11/2/2017 9:31	66	16/2/2017 16:01	66	22/2/2017 10:31	67	27/1/2017 20:31	64
1/2/2017 9:31	67	6/2/2017 15:31	67	11/2/2017 10:01	66	16/2/2017 16:31	66	22/2/2017 11:01	66	27/1/2017 20:36	63
1/2/2017 10:01	67	6/2/2017 16:01	67	11/2/2017 10:31	66	16/2/2017 17:01	66	22/2/2017 11:31	66	27/1/2017 20:41	62
1/2/2017 10:31	66	6/2/2017 16:31	66	11/2/2017 11:01	66	16/2/2017 17:31	66	22/2/2017 12:01	66	27/1/2017 20:46	62
1/2/2017 11:01	67	6/2/2017 17:01	67	11/2/2017 11:31	66	16/2/2017 18:01	66	22/2/2017 12:31	66	27/1/2017 20:51	63
1/2/2017 11:31	67	6/2/2017 17:31	66	11/2/2017 12:01	66	16/2/2017 18:31	66	22/2/2017 13:01	66	27/1/2017 20:56	62
1/2/2017 12:01	66	6/2/2017 18:01	66	11/2/2017 12:31	66	16/2/2017 19:01	66	22/2/2017 13:31	66	27/1/2017 21:01	63
1/2/2017 12:31	66	6/2/2017 18:31	66	11/2/2017 13:01	66	16/2/2017 19:31	66	22/2/2017 14:01	66	27/1/2017 21:06	63
1/2/2017 13:01	66	6/2/2017 19:01	65	11/2/2017 13:31	67	16/2/2017 20:01	66	22/2/2017 14:31	65	27/1/2017 21:11	64
1/2/2017 13:31	66	6/2/2017 19:31	65	11/2/2017 14:01	66	16/2/2017 20:31	66	22/2/2017 15:01	66	27/1/2017 21:16	63
1/2/2017 14:01	66	6/2/2017 20:01	65	11/2/2017 14:31	66	16/2/2017 21:01	66	22/2/2017 15:31	66	27/1/2017 21:21	63
1/2/2017 14:31	66	6/2/2017 20:31	65	11/2/2017 15:01	65	16/2/2017 21:31	66	22/2/2017 16:01	66	27/1/2017 21:26	63
1/2/2017 15:01	66	6/2/2017 21:01	65	11/2/2017 15:31	65	16/2/2017 22:01	66	22/2/2017 16:31	66	27/1/2017 21:31	63
1/2/2017 15:31	66	6/2/2017 21:31	66	11/2/2017 16:01	66	16/2/2017 22:31	66	22/2/2017 17:01	66	27/1/2017 21:36	64
1/2/2017 16:01	66	6/2/2017 22:01	66	11/2/2017 16:31	67	16/2/2017 23:01	66	22/2/2017 17:31	67	27/1/2017 21:41	63
1/2/2017 16:31	66	6/2/2017 22:31	66	11/2/2017 17:01	67	16/2/2017 23:31	66	22/2/2017 18:01	67	27/1/2017 21:46	63
1/2/2017 17:01	66	6/2/2017 23:01	66	11/2/2017 17:31	67	16/2/2017 24:01	66	22/2/2017 18:31	66	27/1/2017 21:51	62
1/2/2017 17:31	66	6/2/2017 23:31	66	11/2/2017 18:01	66	16/2/2017 24:31	66	22/2/2017 19:01	66	27/1/2017 21:56	63
1/2/2017 18:01	67	6/2/2017 24:01	66	11/2/2017 18:31	66	16/2/2017 25:01	66	22/2/2017 19:31	66	27/1/2017 22:01	63
1/2/2017 18:31	67	6/2/2017 24:31	66	11/2/2017 19:01	66	16/2/2017 25:31	66	22/2/2017 20:01	66	27/1/2017 22:06	61
2/2/2017 7:01	63	6/2/2017 25:01	66	11/2/2017 19:31	66	16/2/2017 26:01	66	22/2/2017 20:31	66	27/1/2017 22:11	63
2/2/2017 7:31	66	6/2/2017 25:31	66	11/2/2017 20:01	66	16/2/2017 26:31	66	22/2/2017 21:01	66	27/1/2017 22:16	63
2/2/2017 8:01	67	6/2/2017 26:01	66	11/2/2017 20:31	66	16/2/2017 27:01	66	22/2/2017 21:31	66	27/1/2017 22:21	64
2/2/2017 8:31	66	6/2/2017 26:31	66	11/2/2017 21:01	66	16/2/2017 27:31	66	22/2/2017 22:01	66	27/1/2017 22:26	62
2/2/2017 9:01	67	6/2/2017 27:01	66	11/2/2017 21:31	66	16/2/2017 28:01	66	22/2/2017 22:31	66	27/1/2017 22:31	63
2/2/2017 9:31	67	6/2/2017 27:31	66	11/2/2017 22:01	66	16/2/2017 28:31	66	22/2/2017 23:01	66	27/1/2017 22:36	62
2/2/2017 10:01	67	6/2/2017 28:01	66	11/2/2017 22:31	66	16/2/2017 29:01	66	22/2/2017 23:31	66	27/1/2017 22:41	62
2/2/2017 10:31	66	6/2/2017 28:31	66	11/2/2017 23:01	66	16/2/2017 29:31	66	22/2/2017 24:01	66	27/1/2017 22:46	62
2/2/2017 11:01	66	6/2/2017 29:01	66	11/2/2017 23:31	66	16/2/2017 30:01	66	22/2/2017 24:31	66	27/1/2017 22:51	62
2/2/2017 11:31	66	6/2/2017 29:31	66	11/2/2017 24:01	66	16/2/2017 30:31	66	22/2/2017 25:01	66	27/1/2017 22:56	63
2/2/2017 12:01	66	6/2/2017 30:01	66	11/2/2017 24:31	66	16/2/2017 31:01	66	22/2/2017 25:31	66	28/1/2017 7:01	60
2/2/2017 12:31	66	6/2/2017 30:31	66	11/2/2017 25:01	66	16/2/2017 31:31	66	22/2/2017 26:01	66	28/1/2017 7:06	62
2/2/2017 13:01	66	6/2/2017 31:01	66	11/2/2017 25:31	66	16/2/2017 32:01	66	22/2/2017 26:31	66	28/1/2017 7:11	59
2/2/2017 13:31	66	6/2/2017 31:31	66	11/2/2017 26:01	66	16/2/2017 32:31	66	22/2/2017 27:01	66	28/1/2017 7:16	60
2/2/2017 14:01	66	6/2/2017 32:01	66	11/2/2017 26:31	66	16/2/2017 33:01	66	22/2/2017 27:31	66	28/1/2017 7:21	61
2/2/2017 14:31	66	6/2/2017 32:31	66	11/2/2017 27:01	66	16/2/2017 33:31	66	22/2/2017 28:01	66	28/1/2017 7:26	60
2/2/2017 15:01	66	6/2/2017 33:01	66	11/2/2017 27:31	66	16/2/2017 34:01	66	22/2/2017 28:31	66	28/1/2017 7:31	61
2/2/2017 15:31	66	6/2/2017 33:31	66	11/2/2017 28:01	66	16/2/2017 34:31	66	22/2/2017 29:01	66	28/1/2017 7:36	62
2/2/2017 16:01	66	6/2/2017 34:01	66	11/2/2017 28:31	66	16/2/2017 35:01	66	22/2/2017 29:31	66	28/1/2017 7:41	62
2/2/2017 16:31	66	6/2/2017 34:31	66	11/2/2017 29:01	66	16/2/2017 35:31	66	22/2/2017 30:01	66	28/1/2017 7:46	63
2/2/2017 17:01	66	6/2/2017 35:01	66	11/2/2017 29:31	66	16/2/2017 36:01	66	22/2/2017 30:31	66	28/1/2017 7:51	64
2/2/2017 17:31	66	6/2/2017 35:31	66	11/2/2017 30:01	66	16/2/2017 36:31	66	22/2/2017 31:01	66	28/1/2017 7:56	64
2/2/2017 18:01	66	6/2/2017 36:01	66	11/2/2017 30:31	66	16/2/2017 37:01	66	22/2/2017 31:31	66	28/1/2017 8:01	63
2/2/2017 18:31	66	6/2/2017 36:31	66	11/2/2017 31:01	66	16/2/2017 37:31	66	22/2/2017 32:01	66	28/1/2017 8:06	64
3/2/2017 7:01	65	6/2/2017 37:01	66	11/2/2017 31:31	66	16/2/2017					

Real-time Noise Data		RTN1 (Food and Environmental Hygiene Department Depot)									
28/1/2017 10:56	63	28/1/2017 20:01	62	29/1/2017 13:06	63	29/1/2017 22:11	62	30/1/2017 15:16	64	31/1/2017 8:21	62
28/1/2017 11:01	63	28/1/2017 20:06	62	29/1/2017 13:11	63	29/1/2017 22:16	62	30/1/2017 15:21	65	31/1/2017 8:26	62
28/1/2017 11:06	62	28/1/2017 20:11	63	29/1/2017 13:16	62	29/1/2017 22:21	63	30/1/2017 15:26	65	31/1/2017 8:31	63
28/1/2017 11:11	63	28/1/2017 20:16	62	29/1/2017 13:21	62	29/1/2017 22:26	62	30/1/2017 15:31	64	31/1/2017 8:36	63
28/1/2017 11:16	63	28/1/2017 20:21	62	29/1/2017 13:26	63	29/1/2017 22:31	62	30/1/2017 15:36	64	31/1/2017 8:41	63
28/1/2017 11:21	62	28/1/2017 20:26	62	29/1/2017 13:31	63	29/1/2017 22:36	62	30/1/2017 15:41	64	31/1/2017 8:46	63
28/1/2017 11:26	62	28/1/2017 20:31	62	29/1/2017 13:36	63	29/1/2017 22:41	62	30/1/2017 15:46	65	31/1/2017 8:51	64
28/1/2017 11:31	62	28/1/2017 20:36	61	29/1/2017 13:41	63	29/1/2017 22:46	62	30/1/2017 15:51	64	31/1/2017 8:56	62
28/1/2017 11:36	62	28/1/2017 20:41	63	29/1/2017 13:46	62	29/1/2017 22:51	62	30/1/2017 15:56	64	31/1/2017 9:01	63
28/1/2017 11:41	62	28/1/2017 20:46	62	29/1/2017 13:51	62	29/1/2017 22:56	61	30/1/2017 16:01	65	31/1/2017 9:06	64
28/1/2017 11:46	62	28/1/2017 20:51	63	29/1/2017 13:56	63	30/1/2017 7:01	61	30/1/2017 16:06	65	31/1/2017 9:11	63
28/1/2017 11:51	63	28/1/2017 20:56	62	29/1/2017 14:01	63	30/1/2017 7:06	60	30/1/2017 16:11	65	31/1/2017 9:16	63
28/1/2017 11:56	63	28/1/2017 21:01	63	29/1/2017 14:06	62	30/1/2017 7:11	60	30/1/2017 16:16	65	31/1/2017 9:21	63
28/1/2017 12:01	63	28/1/2017 21:06	62	29/1/2017 14:11	64	30/1/2017 7:16	60	30/1/2017 16:21	65	31/1/2017 9:26	63
28/1/2017 12:06	62	28/1/2017 21:11	62	29/1/2017 14:16	63	30/1/2017 7:21	61	30/1/2017 16:26	66	31/1/2017 9:31	63
28/1/2017 12:11	62	28/1/2017 21:16	63	29/1/2017 14:21	63	30/1/2017 7:26	61	30/1/2017 16:31	65	31/1/2017 9:36	63
28/1/2017 12:16	63	28/1/2017 21:21	61	29/1/2017 14:26	62	30/1/2017 7:31	60	30/1/2017 16:36	66	31/1/2017 9:41	63
28/1/2017 12:21	62	28/1/2017 21:26	62	29/1/2017 14:31	64	30/1/2017 7:36	62	30/1/2017 16:41	65	31/1/2017 9:46	64
28/1/2017 12:26	63	28/1/2017 21:31	62	29/1/2017 14:36	63	30/1/2017 7:41	63	30/1/2017 16:46	65	31/1/2017 9:51	64
28/1/2017 12:31	63	28/1/2017 21:36	61	29/1/2017 14:41	63	30/1/2017 7:46	65	30/1/2017 16:51	65	31/1/2017 9:56	64
28/1/2017 12:36	62	28/1/2017 21:41	62	29/1/2017 14:46	62	30/1/2017 7:51	64	30/1/2017 16:56	65	31/1/2017 10:01	64
28/1/2017 12:41	62	28/1/2017 21:46	62	29/1/2017 14:51	61	30/1/2017 7:56	62	30/1/2017 17:01	64	31/1/2017 10:06	64
28/1/2017 12:46	63	28/1/2017 21:51	61	29/1/2017 14:56	62	30/1/2017 8:01	61	30/1/2017 17:06	63	31/1/2017 10:11	64
28/1/2017 12:51	63	28/1/2017 21:56	62	29/1/2017 15:01	63	30/1/2017 8:06	63	30/1/2017 17:11	64	31/1/2017 10:16	64
28/1/2017 12:56	62	28/1/2017 22:01	61	29/1/2017 15:06	63	30/1/2017 8:11	61	30/1/2017 17:16	64	31/1/2017 10:21	65
28/1/2017 13:01	62	28/1/2017 22:06	63	29/1/2017 15:11	63	30/1/2017 8:16	61	30/1/2017 17:21	64	31/1/2017 10:26	63
28/1/2017 13:06	62	28/1/2017 22:11	62	29/1/2017 15:16	63	30/1/2017 8:21	62	30/1/2017 17:26	63	31/1/2017 10:31	65
28/1/2017 13:11	63	28/1/2017 22:16	62	29/1/2017 15:21	63	30/1/2017 8:26	63	30/1/2017 17:31	64	31/1/2017 10:36	64
28/1/2017 13:16	63	28/1/2017 22:21	61	29/1/2017 15:26	63	30/1/2017 8:31	62	30/1/2017 17:36	64	31/1/2017 10:41	64
28/1/2017 13:21	63	28/1/2017 22:26	61	29/1/2017 15:31	64	30/1/2017 8:36	63	30/1/2017 17:41	64	31/1/2017 10:46	64
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28/1/2017 13:46	62	28/1/2017 22:51	61	29/1/2017 15:56	65	30/1/2017 9:01	61	30/1/2017 18:06	64	31/1/2017 11:11	64
28/1/2017 13:51	62	28/1/2017 22:56	62	29/1/2017 16:01	64	30/1/2017 9:06	61	30/1/2017 18:11	63	31/1/2017 11:16	64
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28/1/2017 15:51	64	29/1/2017 8:56	61	29/1/2017 18:01	65	30/1/2017 11:06	63	30/1/2017 20:11	63	31/1/2017 13:16	64
28/1/2017 15:56	62	29/1/2017 9:01	61	29/1/2017 18:06	65	30/1/2017 11:11	63	30/1/2017 20:16	63	31/1/2017 13:21	64
28/1/2017 16:01	63	29/1/2017 9:06	61	29/1/2017 18:11	65	30/1/2017 11:16	63	30/1/2017 20:21	63	31/1/2017 13:26	64
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28/1/2017 17:01	64	29/1/2017 10:06	62	29/1/2017 19:11	64	30/1/2017 12:16	64	30/1/2017 21:			

Real-time Noise Data		RTN1 (Food and Environmental Hygiene Department Depot)									
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31/1/2017 17:36	65	1/2/2017 22:41	63	4/2/2017 19:46	64	5/2/2017 12:51	65	5/2/2017 21:56	65	8/2/2017 19:01	66
31/1/2017 17:41	66	1/2/2017 22:46	63	4/2/2017 19:51	64	5/2/2017 12:56	66	5/2/2017 22:01	64	8/2/2017 19:06	66
31/1/2017 17:46	65	1/2/2017 22:51	62	4/2/2017 19:56	65	5/2/2017 13:01	65	5/2/2017 22:06	66	8/2/2017 19:11	66
31/1/2017 17:51	65	1/2/2017 22:56	65	4/2/2017 20:01	64	5/2/2017 13:06	65	5/2/2017 22:11	65	8/2/2017 19:16	66
31/1/2017 17:56	65	2/2/2017 19:01	66	4/2/2017 20:06	65	5/2/2017 13:11	66	5/2/2017 22:16	65	8/2/2017 19:21	66
31/1/2017 18:01	66	2/2/2017 19:06	66	4/2/2017 20:11	66	5/2/2017 13:16	65	5/2/2017 22:21	66	8/2/2017 19:26	66
31/1/2017 18:06	65	2/2/2017 19:11	66	4/2/2017 20:16	65	5/2/2017 13:21	65	5/2/2017 22:26	65	8/2/2017 19:31	65
31/1/2017 18:11	65	2/2/2017 19:16	65	4/2/2017 20:21	64	5/2/2017 13:26	65	5/2/2017 22:31	65	8/2/2017 19:36	65
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31/1/2017 18:36	65	2/2/2017 19:41	65	4/2/2017 20:46	65	5/2/2017 13:51	66	5/2/2017 22:56	64	8/2/2017 20:01	65
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1/2/2017 19:21	66	3/2/2017 20:26	63	5/2/2017 9:31	66	5/2/2017 18:36	65	7/2/2017 19:41	64	9/2/2017 20:46	65
1/2/2017 19:26	66	3/2/2017 20:31	63	5/2/2017 9:36	66	5/2/2017 18:41	65	7/2/2017 19:46	63	9/2/2017 20:51	66
1/2/2017 19:31	64	3/2/2017 20:36	63	5/2/2017 9:41	66	5/2/2017 18:46	65	7/2/2017 19:51	64	9/2/2017 20:56	65
1/2/2017 19:36	63	3/2/2017 20:41	63	5/2/2017 9:46	66	5/2/2017 18:51	65	7/2/2017 19:56	64	9/2/2017 21:01	65
1/2/2017 19:41	64	3/2/2017 20:46	63	5/2/2017 9:51	66	5/2/2017 18:56	65	7/2/2017			

Real-time Noise Data		RTN1 (Food and Environmental Hygiene Department Depot)									
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10/2/2017 20:01	64	12/2/2017 9:06	56	12/2/2017 18:11	65	14/2/2017 19:16	66	16/2/2017 20:21	63	18/2/2017 21:26	63
10/2/2017 20:06	64	12/2/2017 9:11	58	12/2/2017 18:16	65	14/2/2017 19:21	65	16/2/2017 20:26	63	18/2/2017 21:31	62
10/2/2017 20:11	65	12/2/2017 9:16	58	12/2/2017 18:21	64	14/2/2017 19:26	65	16/2/2017 20:31	63	18/2/2017 21:36	63
10/2/2017 20:16	64	12/2/2017 9:21	57	12/2/2017 18:26	65	14/2/2017 19:31	65	16/2/2017 20:36	64	18/2/2017 21:41	63
10/2/2017 20:21	64	12/2/2017 9:26	56	12/2/2017 18:31	64	14/2/2017 19:36	64	16/2/2017 20:41	64	18/2/2017 21:46	63
10/2/2017 20:26	63	12/2/2017 9:31	57	12/2/2017 18:36	64	14/2/2017 19:41	63	16/2/2017 20:46	63	18/2/2017 21:51	62
10/2/2017 20:31	63	12/2/2017 9:36	58	12/2/2017 18:41	64	14/2/2017 19:46	64	16/2/2017 20:51	63	18/2/2017 21:56	63
10/2/2017 20:36	64	12/2/2017 9:41	56	12/2/2017 18:46	64	14/2/2017 19:51	63	16/2/2017 20:56	64	18/2/2017 22:01	63
10/2/2017 20:41	65	12/2/2017 9:46	59	12/2/2017 18:51	64	14/2/2017 19:56	65	16/2/2017 21:01	62	18/2/2017 22:06	62
10/2/2017 20:46	63	12/2/2017 9:51	58	12/2/2017 18:56	63	14/2/2017 20:01	66	16/2/2017 21:06	62	18/2/2017 22:11	63
10/2/2017 20:51	64	12/2/2017 9:56	60	12/2/2017 19:01	64	14/2/2017 20:06	65	16/2/2017 21:11	63	18/2/2017 22:16	63
10/2/2017 20:56	63	12/2/2017 10:01	58	12/2/2017 19:06	63	14/2/2017 20:11	65	16/2/2017 21:16	64	18/2/2017 22:21	63
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10/2/2017 21:06	64	12/2/2017 10:11	58	12/2/2017 19:16	63	14/2/2017 20:21	64	16/2/2017 21:26	63	18/2/2017 22:31	63
10/2/2017 21:11	64	12/2/2017 10:16	58	12/2/2017 19:21	63	14/2/2017 20:26	64	16/2/2017 21:31	65	18/2/2017 22:36	63
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10/2/2017 21:21	63	12/2/2017 10:26	60	12/2/2017 19:31	63	14/2/2017 20:36	65	16/2/2017 21:41	63	18/2/2017 22:46	62
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10/2/2017 21:36	63	12/2/2017 10:41	62	12/2/2017 19:46	63	14/2/2017 20:51	64	16/2/2017 21:56	64	19/2/2017 7:01	63
10/2/2017 21:41	63	12/2/2017 10:46	59	12/2/2017 19:51	64	14/2/2017 20:56	65	16/2/2017 22:01	63	19/2/2017 7:06	61
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10/2/2017 21:51	64	12/2/2017 10:56	64	12/2/2017 20:01	63	14/2/2017 21:06	63	16/2/2017 22:11	63	19/2/2017 7:16	62
10/2/2017 21:56	63	12/2/2017 11:01	64	12/2/2017 20:06	62	14/2/2017 21:11	63	16/2/2017 22:16	63	19/2/2017 7:21	61
10/2/2017 22:01	65	12/2/2017 11:06	62	12/2/2017 20:11	64	14/2/2017 21:16	63	16/2/2017 22:21	63	19/2/2017 7:26	61
10/2/2017 22:06	63	12/2/2017 11:11	64	12/2/2017 20:16	63	14/2/2017 21:21	63	16/2/2017 22:26	63	19/2/2017 7:31	61
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10/2/2017 22:21	63	12/2/2017 11:26	62	12/2/2017 20:31	63	14/2/2017 21:36	63	16/2/2017 22:41	63	19/2/2017 7:46	64
10/2/2017 22:26	64	12/2/2017 11:31	63	12/2/2017 20:36	63	14/2/2017 21:41	63	16/2/2017 22:46	63	19/2/2017 7:51	63
10/2/2017 22:31	64	12/2/2017 11:36	62	12/2/2017 20:41	63	14/2/2017 21:46	64	16/2/2017 22:51	63	19/2/2017 7:56	62
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10/2/2017 22:41	64	12/2/2017 11:46	63	12/2/2017 20:51	64	14/2/2017 21:56	62	17/2/2017 19:01	64	19/2/2017 8:06	63
10/2/2017 22:46	63	12/2/2017 11:51	63	12/2/2017 20:56	63	14/2/2017 22:01	63	17/2/2017 19:06	64	19/2/2017 8:11	63
10/2/2017 22:51	63	12/2/2017 11:56	65	12/2/2017 21:01	63	14/2/2017 22:06	62	17/2/2017 19:11	64	19/2/2017 8:16	62
10/2/2017 22:56	63	12/2/2017 12:01	63	12/2/2017 21:06	62	14/2/2017 22:11	63	17/2/2017 19:16	63	19/2/2017 8:21	62
11/2/2017 19:01	63	12/2/2017 12:06	63	12/2/2017 21:11	63	14/2/2017 22:16	64	17/2/2017 19:21	64	19/2/2017 8:26	63
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11/2/2017 19:26	63	12/2/2017 12:31	63	12/2/2017 21:36	63	14/2/2017 22:41	63	17/2/2017 19:46	64	19/2/2017 8:51	64
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11/2/2017 19:36	63	12/2/2017 12:41	63	12/2/2017 21:46	63	14/2/2017 22:51	63	17/2/2017 19:56	63	19/2/2017 9:01	64
11/2/2017 19:41	63	12/2/2017 12:46	63	12/2/2017 21:51	63	14/2/2017 22:56	63	17/2/2017 20:01	63	19/2/2017 9:06	63
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11/2/2017 19:51	63	12/2/2017 12:56	64	12/2/2017 22:01	62	15/2/2017 19:06	67	17/2/2017 20:11	64	19/2/2017 9:16	64
11/2/2017 19:56	63	12/2/2017 13:01	64	12/2/2017 22:06	63	15/2/2017 19:11	66	17/2/2017 20:16	64	19/2/2017 9:21	63
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11/2/2017 20:06	63	12/2/2017 13:11	63	12/2/2017 22:16	63	15/2/2017 19:21	66	17/2/2017 20:26	63	19/2/2017 9:31	64
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11/2/2017 20:16	64	12/2/2017 13:21	62	12/2/2017 22:26	63	15/2/2017 19:31	66	17/2/2017 20:36	63	19/2/2017 9:41	64
11/2/2017 20:21	65	12/2/2017 13:26	63	12/2/2017 22:31	63	15/2/2017 19:36	66	17/2/2017 20:41	63	19/2/2017 9:46	63
11/2/2017 20:26	63	12/2/2017 13:31	63	12/2/2017 22:36	63	15/2/2017 19:41	67	17/2/2017 20:46	63	19/2/2017 9:51	62
11/2/2017 20:31	64	12/2/2017 13:36	63	12/2/2017 22:41	63	15/2/2017 19:46	66	17/2/2017 20:51	63	19/2/2017 9:56	63
11/2/2017 20:36	64	12/2/2017 13:41	63	12/2/2017 22:46	62	15/2/2017 19:51	65	17/2/2017 20:56	63	19/2/2017 10:01	64
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11/2/2017 20:51	62	12/2/2017 13:56	63	13/2/2017 19:01	66	15/2/2017 20:06	66	17/2/2017 21:11	63	19/2/2017 10:16	64
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11/2/2017 21:01	62	12/2/2017 14:06	64	13/2/2017 19:11	66	15/2/2017 20:16	66	17/2/2017 21:21	63	19/2/2017 10:26	64
11/2/2017 21:06	62	12/2/2017 14:11	64	13/2/2017 19:16	66	15/2/2017 20:21	66	17/2/2017 21:26	63	19/2/2017 10:31	64
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11/2/2017 21:16	62	12/2/2017 14:21	63	13/2/2017 19:26	66	15/2/2017 20:31	65	17/2/2017 21:36	63	19/2/2017 10:41	63
11/2/2017 21:21	63	12/2/2017 14:26	63	13/2/2017 19:31	65	15/2/2017 20:36	65	17/2/2017 21:41	65	19/2/2017 10:46	63
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11/2/2017 21:31	64	12/2/2017 14:36	63	13/2/2017 19:41	64	15/2/2017 20:46	65	17/2/2017 21:51	63	19/2/2017 10:56	63
11/2/2017 21:36	62	12/2/2017 14:41	63	13/2/2017 19:46	64	15/2/2017 20:51	65	17/2/2017 21:56	63	19/2/2017 11:01	64
11/2/2017 21:41	63	12/2/2017 14:46	62	13/2/2017 19:51	64	15/2/2017 20:56	65	17/2/2017 22:01	63	19/2/2017 11:06	63
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11/2/2017 21:56	62	12/2/2017 15:01	64	13/2/2017 20:06	65	15/2/2017 21:11	65	17/2/2017 22:16	63	19/2/2017 11:21	64
11/2/2017 22:01	63	12/2/2017 15:06	64	13/2/2017 20:11	64</						

Real-time Noise Data		RTN1 (Food and Environmental Hygiene Department Depot)									
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19/2/2017 14:31	63	20/2/2017 19:36	64	22/2/2017 20:41	63	24/2/2017 21:46	65	26/2/2017 10:51	64	26/2/2017 19:56	64
19/2/2017 14:36	64	20/2/2017 19:41	64	22/2/2017 20:46	63	24/2/2017 21:51	65	26/2/2017 10:56	64	26/2/2017 20:01	64
19/2/2017 14:41	64	20/2/2017 19:46	64	22/2/2017 20:51	63	24/2/2017 21:56	65	26/2/2017 11:01	64	26/2/2017 20:06	63
19/2/2017 14:46	64	20/2/2017 19:51	63	22/2/2017 20:56	63	24/2/2017 22:01	65	26/2/2017 11:06	64	26/2/2017 20:11	62
19/2/2017 14:51	64	20/2/2017 19:56	63	22/2/2017 21:01	62	24/2/2017 22:06	65	26/2/2017 11:11	64	26/2/2017 20:16	63
19/2/2017 14:56	64	20/2/2017 20:01	64	22/2/2017 21:06	64	24/2/2017 22:11	65	26/2/2017 11:16	64	26/2/2017 20:21	64
19/2/2017 15:01	64	20/2/2017 20:06	63	22/2/2017 21:11	62	24/2/2017 22:16	65	26/2/2017 11:21	65	26/2/2017 20:26	64
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19/2/2017 15:11	63	20/2/2017 20:16	63	22/2/2017 21:21	63	24/2/2017 22:26	65	26/2/2017 11:31	64	26/2/2017 20:36	63
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19/2/2017 15:36	63	20/2/2017 20:41	63	22/2/2017 21:46	63	24/2/2017 22:51	65	26/2/2017 11:56	63	26/2/2017 21:01	62
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19/2/2017 16:36	64	20/2/2017 21:41	63	22/2/2017 22:46	62	25/2/2017 19:51	64	26/2/2017 12:56	66	26/2/2017 22:01	63
19/2/2017 16:41	65	20/2/2017 21:46	62	22/2/2017 22:51	62	25/2/2017 19:56	65	26/2/2017 13:01	65	26/2/2017 22:06	63
19/2/2017 16:46	65	20/2/2017 21:51	63	22/2/2017 22:56	62	25/2/2017 20:01	65	26/2/2017 13:06	65	26/2/2017 22:11	63
19/2/2017 16:51	64	20/2/2017 21:56	62	23/2/2017 19:01	66	25/2/2017 20:06	64	26/2/2017 13:11	65	26/2/2017 22:16	63
19/2/2017 16:56	64	20/2/2017 22:01	62	23/2/2017 19:06	66	25/2/2017 20:11	63	26/2/2017 13:16	63	26/2/2017 22:21	65
19/2/2017 17:01	65	20/2/2017 22:06	63	23/2/2017 19:11	66	25/2/2017 20:16	64	26/2/2017 13:21	63	26/2/2017 22:26	63
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19/2/2017 17:31	66	20/2/2017 22:36	62	23/2/2017 19:41	63	25/2/2017 20:46	63	26/2/2017 13:51	65	26/2/2017 22:56	63
19/2/2017 17:36	65	20/2/2017 22:41	63	23/2/2017 19:46	63	25/2/2017 20:51	63	26/2/2017 13:56	65		
19/2/2017 17:41	65	20/2/2017 22:46	62	23/2/2017 19:51	64	25/2/2017 20:56	63	26/2/2017 14:01	64		
19/2/2017 17:46	65	20/2/2017 22:51	62	23/2/2017 19:56	64	25/2/2017 21:01	63	26/2/2017 14:06	64		
19/2/2017 17:51	65	20/2/2017 22:56	62	23/2/2017 20:01	63	25/2/2017 21:06	63	26/2/2017 14:11	65	27/1/2017 0:01	61
19/2/2017 17:56	65	21/2/2017 19:01	66	23/2/2017 20:06	63	25/2/2017 21:11	63	26/2/2017 14:16	64	27/1/2017 0:06	61
19/2/2017 18:01	65	21/2/2017 19:06	66	23/2/2017 20:11	63	25/2/2017 21:16	63	26/2/2017 14:21	64	27/1/2017 0:11	60
19/2/2017 18:06	65	21/2/2017 19:11	66	23/2/2017 20:16	63	25/2/2017 21:21	63	26/2/2017 14:26	64	27/1/2017 0:16	60
19/2/2017 18:11	64	21/2/2017 19:16	66	23/2/2017 20:21	63	25/2/2017 21:26	63	26/2/2017 14:31	65	27/1/2017 0:21	60
19/2/2017 18:16	64	21/2/2017 19:21	66	23/2/2017 20:26	63	25/2/2017 21:31	63	26/2/2017 14:36	64	27/1/2017 0:26	60
19/2/2017 18:21	64	21/2/2017 19:26	66	23/2/2017 20:31	63	25/2/2017 21:36	64	26/2/2017 14:41	65	27/1/2017 0:31	60
19/2/2017 18:26	64	21/2/2017 19:31	65	23/2/2017 20:36	63	25/2/2017 21:41	64	26/2/2017 14:46	65	27/1/2017 0:36	59
19/2/2017 18:31	64	21/2/2017 19:36	64	23/2/2017 20:41	62	25/2/2017 21:46	64	26/2/2017 14:51	64	27/1/2017 0:41	61
19/2/2017 18:36	63	21/2/2017 19:41	64	23/2/2017 20:46	62	25/2/2017 21:51	64	26/2/2017 14:56	64	27/1/2017 0:46	59
19/2/2017 18:41	63	21/2/2017 19:46	63	23/2/2017 20:51	63	25/2/2017 21:56	64	26/2/2017 15:01	64	27/1/2017 0:51	58
19/2/2017 18:46	63	21/2/2017 19:51	63	23/2/2017 20:56	63	25/2/2017 22:01	63	26/2/2017 15:06	65	27/1/2017 0:56	59
19/2/2017 18:51	63	21/2/2017 19:56	63	23/2/2017 21:01	63	25/2/2017 22:06	63	26/2/2017 15:11	64	27/1/2017 1:01	57
19/2/2017 18:56	63	21/2/2017 20:01	63	23/2/2017 21:06	62	25/2/2017 22:11	63	26/2/2017 15:16	64	27/1/2017 1:06	58
19/2/2017 19:01	63	21/2/2017 20:06	63	23/2/2017 21:11	63	25/2/2017 22:16	63	26/2/2017 15:21	64	27/1/2017 1:11	58
19/2/2017 19:06	63	21/2/2017 20:11	63	23/2/2017 21:16	62	25/2/2017 22:21	63	26/2/2017 15:26	64	27/1/2017 1:16	58
19/2/2017 19:11	63	21/2/2017 20:16	64	23/2/2017 21:21	62	25/2/2017 22:26	64	26/2/2017 15:31	64	27/1/2017 1:21	59
19/2/2017 19:16	64	21/2/2017 20:21	63	23/2/2017 21:26	63	25/2/2017 22:31	64	26/2/2017 15:36	63	27/1/2017 1:26	58
19/2/2017 19:21	62	21/2/2017 20:26	63	23/2/2017 21:31	62	25/2/2017 22:36	63	26/2/2017 15:41	64	27/1/2017 1:31	59
19/2/2017 19:26	62	21/2/2017 20:31	63	23/2/2017 21:36	63	25/2/2017 22:41	64	26/2/2017 15:46	66	27/1/2017 1:36	61
19/2/2017 19:31	63	21/2/2017 20:36	63	23/2/2017 21:41	63	25/2/2017 22:46	62	26/2/2017 15:51	65	27/1/2017 1:41	58
19/2/2017 19:36	62	21/2/2017 20:41	63	23/2/2017 21:46	63	25/2/2017 22:51	63	26/2/2017 15:56	65	27/1/2017 1:46	56
19/2/2017 19:41	63	21/2/2017 20:46	63	23/2/2017 21:51	63	25/2/2017 22:56	63	26/2/2017 16:01	66	27/1/2017 1:51	57
19/2/2017 19:46	63	21/2/2017 20:51	63	23/2/2017 21:56	63	26/2/2017 7:01	62	26/2/2017 16:06	67	27/1/2017 1:56	55
19/2/2017 19:51	63	21/2/2017 20:56	63	23/2/2017 22:01	63	26/2/2017 7:06	62	26/2/2017 16:11	66	27/1/2017 2:01	55
19/2/2017 19:56	63	21/2/2017 21:01	64	23/2/2017 22:06	63	26/2/2017 7:11	64	26/2/2017 16:16	66	27/1/2017 2:06	56
19/2/2017 20:01	63	21/2/2017 21:06	63	23/2/2017 22:11	63	26/2/2017 7:16	66	26/2/2017 16:21	66	27/1/2017 2:11	56
19/2/2017 20:06	63	21/2/2017 21:11	63	23/2/2017 22:16	63	26/2/2017 7:21	62	26/2/2017 16:26	68	27/1/2017 2:16	57
19/2/2017 20:11	62	21/2/2017 21:16	63	23/2/2017 22:21	63	26/2/2017 7:26	62	26/2/2017 16:31	66	27/1/2017 2:21	56
19/2/2017 20:16	62	21/2/2017 21:21	64	23/2/2017 22:26	64	26/2/2017 7:31	64	26/2/2017 16:36	66	27/1/2017 2:26	54
19/2/2017 20:21	62	21/2/2017 21:26	63	23/2/2017 22:31	63	26/2/2017 7:36	63	26/2/2017 16:41	67	27/1/2017 2:31	55
19/2/2017 20:26	62	21/2/2017 21:31	63	23/2/2017 22:36	63	26/2/2017 7:41	63	26/2/2017 16:46	67	27/1/2017 2:36	56
19/2/2017 20:31	62	21/2/2017 21:36	64	23/2/2017 22:41	63	26/2/2017 7:46	65	26/2/2017 16:51			

Real-time Noise Data		RTN1 (Food and Environmental Hygiene Department Depot)									
27/1/2017 5:41	55	28/1/2017 6:46	59	29/1/2017 23:51	62	31/1/2017 0:56	61	1/2/2017 2:01	59	2/2/2017 3:06	57
27/1/2017 5:46	53	28/1/2017 6:51	59	29/1/2017 23:56	62	31/1/2017 1:01	61	1/2/2017 2:06	59	2/2/2017 3:11	57
27/1/2017 5:51	58	28/1/2017 6:56	60	30/1/2017 0:01	62	31/1/2017 1:06	61	1/2/2017 2:11	58	2/2/2017 3:16	57
27/1/2017 5:56	55	28/1/2017 23:01	36	30/1/2017 0:06	61	31/1/2017 1:11	61	1/2/2017 2:16	59	2/2/2017 3:21	57
27/1/2017 6:01	55	28/1/2017 23:06	61	30/1/2017 0:11	62	31/1/2017 1:16	61	1/2/2017 2:21	59	2/2/2017 3:26	56
27/1/2017 6:06	55	28/1/2017 23:11	61	30/1/2017 0:16	61	31/1/2017 1:21	61	1/2/2017 2:26	58	2/2/2017 3:31	58
27/1/2017 6:11	57	28/1/2017 23:16	61	30/1/2017 0:21	62	31/1/2017 1:26	60	1/2/2017 2:31	59	2/2/2017 3:36	57
27/1/2017 6:16	58	28/1/2017 23:21	60	30/1/2017 0:26	61	31/1/2017 1:31	60	1/2/2017 2:36	58	2/2/2017 3:41	58
27/1/2017 6:21	57	28/1/2017 23:26	60	30/1/2017 0:31	61	31/1/2017 1:36	61	1/2/2017 2:41	59	2/2/2017 3:46	57
27/1/2017 6:26	60	28/1/2017 23:31	59	30/1/2017 0:36	61	31/1/2017 1:41	62	1/2/2017 2:46	58	2/2/2017 3:51	56
27/1/2017 6:31	60	28/1/2017 23:36	60	30/1/2017 0:41	60	31/1/2017 1:46	60	1/2/2017 2:51	57	2/2/2017 3:56	57
27/1/2017 6:36	60	28/1/2017 23:41	61	30/1/2017 0:46	60	31/1/2017 1:51	61	1/2/2017 2:56	58	2/2/2017 4:01	57
27/1/2017 6:41	60	28/1/2017 23:46	62	30/1/2017 0:51	61	31/1/2017 1:56	60	1/2/2017 3:01	58	2/2/2017 4:06	57
27/1/2017 6:46	61	28/1/2017 23:51	50	30/1/2017 0:56	60	31/1/2017 2:01	61	1/2/2017 3:06	58	2/2/2017 4:11	56
27/1/2017 6:51	60	28/1/2017 23:56	61	30/1/2017 1:01	60	31/1/2017 2:06	60	1/2/2017 3:11	58	2/2/2017 4:16	57
27/1/2017 6:56	61	29/1/2017 0:01	62	30/1/2017 1:06	60	31/1/2017 2:11	61	1/2/2017 3:16	57	2/2/2017 4:21	58
27/1/2017 23:01	61	29/1/2017 0:06	60	30/1/2017 1:11	60	31/1/2017 2:16	60	1/2/2017 3:21	57	2/2/2017 4:26	57
27/1/2017 23:06	47	29/1/2017 0:11	61	30/1/2017 1:16	61	31/1/2017 2:21	60	1/2/2017 3:26	57	2/2/2017 4:31	57
27/1/2017 23:11	47	29/1/2017 0:16	61	30/1/2017 1:21	60	31/1/2017 2:26	60	1/2/2017 3:31	58	2/2/2017 4:36	58
27/1/2017 23:16	62	29/1/2017 0:21	60	30/1/2017 1:26	60	31/1/2017 2:31	60	1/2/2017 3:36	58	2/2/2017 4:41	57
27/1/2017 23:21	49	29/1/2017 0:26	60	30/1/2017 1:31	60	31/1/2017 2:36	59	1/2/2017 3:41	57	2/2/2017 4:46	56
27/1/2017 23:26	44	29/1/2017 0:31	60	30/1/2017 1:36	60	31/1/2017 2:41	60	1/2/2017 3:46	56	2/2/2017 4:51	57
27/1/2017 23:31	61	29/1/2017 0:36	59	30/1/2017 1:41	61	31/1/2017 2:46	60	1/2/2017 3:51	58	2/2/2017 4:56	58
27/1/2017 23:36	62	29/1/2017 0:41	60	30/1/2017 1:46	59	31/1/2017 2:51	61	1/2/2017 3:56	58	2/2/2017 5:01	56
27/1/2017 23:41	52	29/1/2017 0:46	59	30/1/2017 1:51	60	31/1/2017 2:56	60	1/2/2017 4:01	55	2/2/2017 5:06	57
27/1/2017 23:46	57	29/1/2017 0:51	60	30/1/2017 1:56	60	31/1/2017 3:01	60	1/2/2017 4:06	58	2/2/2017 5:11	57
27/1/2017 23:51	62	29/1/2017 0:56	59	30/1/2017 2:01	59	31/1/2017 3:06	60	1/2/2017 4:11	57	2/2/2017 5:16	57
27/1/2017 23:56	61	29/1/2017 1:01	59	30/1/2017 2:06	59	31/1/2017 3:11	60	1/2/2017 4:16	58	2/2/2017 5:21	56
28/1/2017 0:01	62	29/1/2017 1:06	59	30/1/2017 2:11	59	31/1/2017 3:16	59	1/2/2017 4:21	57	2/2/2017 5:26	58
28/1/2017 0:06	61	29/1/2017 1:11	60	30/1/2017 2:16	59	31/1/2017 3:21	59	1/2/2017 4:26	57	2/2/2017 5:31	58
28/1/2017 0:11	61	29/1/2017 1:16	60	30/1/2017 2:21	59	31/1/2017 3:26	59	1/2/2017 4:31	57	2/2/2017 5:36	60
28/1/2017 0:16	61	29/1/2017 1:21	61	30/1/2017 2:26	60	31/1/2017 3:31	59	1/2/2017 4:36	57	2/2/2017 5:41	59
28/1/2017 0:21	61	29/1/2017 1:26	58	30/1/2017 2:31	59	31/1/2017 3:36	59	1/2/2017 4:41	57	2/2/2017 5:46	59
28/1/2017 0:26	62	29/1/2017 1:31	58	30/1/2017 2:36	59	31/1/2017 3:41	59	1/2/2017 4:46	57	2/2/2017 5:51	59
28/1/2017 0:31	61	29/1/2017 1:36	58	30/1/2017 2:41	58	31/1/2017 3:46	58	1/2/2017 4:51	57	2/2/2017 5:56	60
28/1/2017 0:36	61	29/1/2017 1:41	58	30/1/2017 2:46	59	31/1/2017 3:51	59	1/2/2017 4:56	58	2/2/2017 6:01	58
28/1/2017 0:41	61	29/1/2017 1:46	58	30/1/2017 2:51	58	31/1/2017 3:56	59	1/2/2017 5:01	57	2/2/2017 6:06	59
28/1/2017 0:46	45	29/1/2017 1:51	59	30/1/2017 2:56	58	31/1/2017 4:01	58	1/2/2017 5:06	57	2/2/2017 6:11	60
28/1/2017 0:51	61	29/1/2017 1:56	60	30/1/2017 3:01	58	31/1/2017 4:06	58	1/2/2017 5:11	59	2/2/2017 6:16	61
28/1/2017 0:56	62	29/1/2017 2:01	59	30/1/2017 3:06	59	31/1/2017 4:11	59	1/2/2017 5:16	58	2/2/2017 6:21	60
28/1/2017 1:01	60	29/1/2017 2:06	58	30/1/2017 3:11	58	31/1/2017 4:16	59	1/2/2017 5:21	57	2/2/2017 6:26	61
28/1/2017 1:06	61	29/1/2017 2:11	58	30/1/2017 3:16	58	31/1/2017 4:21	59	1/2/2017 5:26	57	2/2/2017 6:31	61
28/1/2017 1:11	62	29/1/2017 2:16	58	30/1/2017 3:21	58	31/1/2017 4:26	59	1/2/2017 5:31	58	2/2/2017 6:36	61
28/1/2017 1:16	61	29/1/2017 2:21	58	30/1/2017 3:26	58	31/1/2017 4:31	58	1/2/2017 5:36	58	2/2/2017 6:41	61
28/1/2017 1:21	61	29/1/2017 2:26	58	30/1/2017 3:31	59	31/1/2017 4:36	59	1/2/2017 5:41	59	2/2/2017 6:46	61
28/1/2017 1:26	61	29/1/2017 2:31	58	30/1/2017 3:36	59	31/1/2017 4:41	59	1/2/2017 5:46	59	2/2/2017 6:51	62
28/1/2017 1:31	61	29/1/2017 2:36	58	30/1/2017 3:41	59	31/1/2017 4:46	58	1/2/2017 5:51	60	2/2/2017 6:56	52
28/1/2017 1:36	60	29/1/2017 2:41	58	30/1/2017 3:46	58	31/1/2017 4:51	58	1/2/2017 5:56	59	2/2/2017 23:01	60
28/1/2017 1:41	60	29/1/2017 2:46	57	30/1/2017 3:51	58	31/1/2017 4:56	58	1/2/2017 6:01	59	2/2/2017 23:06	62
28/1/2017 1:46	60	29/1/2017 2:51	59	30/1/2017 3:56	58	31/1/2017 5:01	59	1/2/2017 6:06	60	2/2/2017 23:11	61
28/1/2017 1:51	59	29/1/2017 2:56	59	30/1/2017 4:01	59	31/1/2017 5:06	59	1/2/2017 6:11	59	2/2/2017 23:16	60
28/1/2017 1:56	59	29/1/2017 3:01	58	30/1/2017 4:06	57	31/1/2017 5:11	58	1/2/2017 6:16	61	2/2/2017 23:21	61
28/1/2017 2:01	62	29/1/2017 3:06	57	30/1/2017 4:11	58	31/1/2017 5:16	58	1/2/2017 6:21	60	2/2/2017 23:26	61
28/1/2017 2:06	60	29/1/2017 3:11	57	30/1/2017 4:16	58	31/1/2017 5:21	58	1/2/2017 6:26	61	2/2/2017 23:31	61
28/1/2017 2:11	59	29/1/2017 3:16	57	30/1/2017 4:21	58	31/1/2017 5:26	59	1/2/2017 6:31	61	2/2/2017 23:36	61
28/1/2017 2:16	59	29/1/2017 3:21	57	30/1/2017 4:26	58	31/1/2017 5:31	58	1/2/2017 6:36	61	2/2/2017 23:41	59
28/1/2017 2:21	61	29/1/2017 3:26	59	30/1/2017 4:31	57	31/1/2017 5:36	59	1/2/2017 6:41	49	2/2/2017 23:46	60
28/1/2017 2:26	60	29/1/2017 3:31	57	30/1/2017 4:36	58	31/1/2017 5:41	59	1/2/2017 6:46	53	2/2/2017 23:51	59
28/1/2017 2:31	60	29/1/2017 3:36	57	30/1/2017 4:41	58	31/1/2017 5:46	59	1/2/2017 6:51	54	2/2/2017 23:56	60
28/1/2017 2:36	59	29/1/2017 3:41	58	30/1/2017 4:46	57	31/1/2017 5:51	60	1/2/2017 6:56	53	3/2/2017 0:01	59
28/1/2017 2:41	59	29/1/2017 3:46	57	30/1/2017 4:51	57	31/1/2017 5:56	59	1/2/2017 7:01	52	3/2/2017 0:06	61
28/1/2017 2:46	59	29/1/2017 3:51	57	30/1/2017 4:56	57	31/1/2017 6:01	59	1/2/2017 23:06	55	3/2/2017 0:11	60
28/1/2017 2:51	59	29/1/2017 3:56	58	30/1/2017 5:01	57	31/1/2017 6:06	60	1/2/2017 23:11	43	3/2/2017 0:16	60
28/1/2017 2:56	59	29/1/2017 4:01	57	30/1/2017 5:06	58	31/1/2017 6:11	59	1/2/2017 23:16	49	3/2/2017 0:21	59
28/1/2017 3:01	59	29/1/2017 4:06	57	30/1/2017 5:11	58	31/1/2017 6:16	60	1/2/2017 23:21	62	3/2/2017 0:26	60
28/1/2017 3:06	61	29/1/2017 4:11	57	30/1/2017 5:16	57	31/1/2017 6:21	61	1/2/2017 23:26	62	3/2/2017 0:31	60
28/1/2017 3:11	59	29/1/2017 4:16	59	30/1/2017 5:21	57	31/1/2017 6:26	60	1/2/2017 23:31	61	3/2/2017 0:36	60
28/1/2017 3:16	59	29/1/2017 4:21	57	30/1/2017 5:26	58	31/1/2017 6:31	61	1/2/2017 23:36	54	3/2/2017 0:41	59
28/1/2017 3:21	59	29/1/2017 4:26	58	30/1/2017 5:31	58	31/1/2017 6:36	61	1/2/2017 23:41	61	3/2/2017 0:46	58
28/1/2017 3:26	58	29/1/2017 4:31	56	30/1/2017 5:36	59	31/1/2017 6:41	60	1/2/2017 23:46	62	3/2/2017 0:51	58
28/1/2017 3:31	59	29/1/2017 4:36	56	30/1/2017 5:41	59	31/1/2017 6:46	61	1/2/2017 23:51	61	3/2/2017 0:56	57
28/1/2017 3:36	57	29/1/2017 4:41	56	30/1/2017 5:46	58	31/1/2017 6:51	61	1/2/2017 23:56	61	3/2/2017 1:01	58
28/1/2017 3:41	61	29/1/2017 4:46	57	30/1/2017 5:51	58	31/1/2017 6:56	52	2/2/2017 0:01	61	3/2/2017 1:06	56
28/1/2017 3:46	58	29/1/2017 4:51	57	30/1/2017 5:56	60	31/1/2017 23:01	56	2/2/2017 0:06	61	3/2/2017 1:11	56
28/1/2017 3:51	58	29/1/2017 4:56	56	30/1/2017 6:01	58	31/1/2017 23:06	49	2/2/2017 0:11	61	3/2/2017 1:16	55
28/1/2017 3:56	59	29/1/2017 5:01	57	30/1/2017 6:06	59	31/1/2017 23:11	55	2/2/2017 0:16	62	3/2/2017 1:21	56
28/1/2017 4:01	57	29/1/2017 5:06	57	30/1/2017 6:11	59	31/1/2017 23:16	54	2/2/2017 0:21	61	3/2/2017 1:26	57
28/1/											

Real-time Noise Data		RTN1 (Food and Environmental Hygiene Department Depot)									
3/2/2017 4:11	62	4/2/2017 5:16	59	5/2/2017 6:21	59	6/2/2017 23:26	62	8/2/2017 0:31	60	9/2/2017 1:36	54
3/2/2017 4:16	48	4/2/2017 5:21	58	5/2/2017 6:26	60	6/2/2017 23:31	45	8/2/2017 0:36	60	9/2/2017 1:41	55
3/2/2017 4:21	46	4/2/2017 5:26	59	5/2/2017 6:31	59	6/2/2017 23:36	52	8/2/2017 0:41	60	9/2/2017 1:46	53
3/2/2017 4:26	47	4/2/2017 5:31	59	5/2/2017 6:36	61	6/2/2017 23:41	61	8/2/2017 0:46	60	9/2/2017 1:51	57
3/2/2017 4:31	45	4/2/2017 5:36	58	5/2/2017 6:41	60	6/2/2017 23:46	42	8/2/2017 0:51	61	9/2/2017 1:56	54
3/2/2017 4:36	45	4/2/2017 5:41	59	5/2/2017 6:46	61	6/2/2017 23:51	48	8/2/2017 0:56	59	9/2/2017 2:01	50
3/2/2017 4:41	49	4/2/2017 5:46	59	5/2/2017 6:51	60	6/2/2017 23:56	61	8/2/2017 1:01	60	9/2/2017 2:06	56
3/2/2017 4:46	43	4/2/2017 5:51	59	5/2/2017 6:56	61	7/2/2017 0:01	61	8/2/2017 1:06	60	9/2/2017 2:11	54
3/2/2017 4:51	49	4/2/2017 5:56	59	5/2/2017 23:01	60	7/2/2017 0:06	49	8/2/2017 1:11	59	9/2/2017 2:16	51
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4/2/2017 1:36	60	5/2/2017 2:41	58	6/2/2017 3:46	62	7/2/2017 4:51	58	8/2/2017 5:56	60	9/2/2017 23:01	61
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4/2/2017 2:36	60	5/2/2017 3:41	57	6/2/2017 4:46	50	7/2/2017 5:51	59	8/2/2017 6:56	56	10/2/2017 0:01	60
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Real-time Noise Data		RTN1 (Food and Environmental Hygiene Department Depot)									
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10/2/2017 6:51	61	11/2/2017 23:56	47	13/2/2017 1:01	59	14/2/2017 2:06	59	15/2/2017 3:11	56	16/2/2017 4:16	62
10/2/2017 6:56	62	12/2/2017 0:01	51	13/2/2017 1:06	59	14/2/2017 2:11	58	15/2/2017 3:16	57	16/2/2017 4:21	49
10/2/2017 23:01	55	12/2/2017 0:06	62	13/2/2017 1:11	59	14/2/2017 2:16	58	15/2/2017 3:21	57	16/2/2017 4:26	51
10/2/2017 23:06	57	12/2/2017 0:11	61	13/2/2017 1:16	59	14/2/2017 2:21	58	15/2/2017 3:26	57	16/2/2017 4:31	52
10/2/2017 23:11	57	12/2/2017 0:16	61	13/2/2017 1:21	60	14/2/2017 2:26	58	15/2/2017 3:31	58	16/2/2017 4:36	50
10/2/2017 23:16	55	12/2/2017 0:21	62	13/2/2017 1:26	58	14/2/2017 2:31	58	15/2/2017 3:36	58	16/2/2017 4:41	51
10/2/2017 23:21	55	12/2/2017 0:26	61	13/2/2017 1:31	58	14/2/2017 2:36	58	15/2/2017 3:41	56	16/2/2017 4:46	48
10/2/2017 23:26	56	12/2/2017 0:31	61	13/2/2017 1:36	59	14/2/2017 2:41	59	15/2/2017 3:46	58	16/2/2017 4:51	46
10/2/2017 23:31	55	12/2/2017 0:36	61	13/2/2017 1:41	58	14/2/2017 2:46	59	15/2/2017 3:51	56	16/2/2017 4:56	49
10/2/2017 23:36	54	12/2/2017 0:41	61	13/2/2017 1:46	58	14/2/2017 2:51	58	15/2/2017 3:56	57	16/2/2017 5:01	46
10/2/2017 23:41	62	12/2/2017 0:46	61	13/2/2017 1:51	58	14/2/2017 2:56	57	15/2/2017 4:01	57	16/2/2017 5:06	52
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10/2/2017 23:51	53	12/2/2017 0:56	61	13/2/2017 2:01	58	14/2/2017 3:06	58	15/2/2017 4:11	57	16/2/2017 5:16	53
10/2/2017 23:56	52	12/2/2017 1:01	60	13/2/2017 2:06	58	14/2/2017 3:11	59	15/2/2017 4:16	57	16/2/2017 5:21	54
11/2/2017 0:01	56	12/2/2017 1:06	60	13/2/2017 2:11	57	14/2/2017 3:16	57	15/2/2017 4:21	57	16/2/2017 5:26	54
11/2/2017 0:06	62	12/2/2017 1:11	61	13/2/2017 2:16	58	14/2/2017 3:21	57	15/2/2017 4:26	58	16/2/2017 5:31	54
11/2/2017 0:11	48	12/2/2017 1:16	60	13/2/2017 2:21	58	14/2/2017 3:26	58	15/2/2017 4:31	57	16/2/2017 5:36	55
11/2/2017 0:16	52	12/2/2017 1:21	60	13/2/2017 2:26	57	14/2/2017 3:31	59	15/2/2017 4:36	57	16/2/2017 5:41	55
11/2/2017 0:21	54	12/2/2017 1:26	60	13/2/2017 2:31	57	14/2/2017 3:36	57	15/2/2017 4:41	57	16/2/2017 5:46	56
11/2/2017 0:26	62	12/2/2017 1:31	60	13/2/2017 2:36	56	14/2/2017 3:41	57	15/2/2017 4:46	57	16/2/2017 5:51	56
11/2/2017 0:31	62	12/2/2017 1:36	55	13/2/2017 2:41	57	14/2/2017 3:46	57	15/2/2017 4:51	56	16/2/2017 5:56	57
11/2/2017 0:36	62	12/2/2017 1:41	54	13/2/2017 2:46	56	14/2/2017 3:51	57	15/2/2017 4:56	57	16/2/2017 6:01	56
11/2/2017 0:41	44	12/2/2017 1:46	53	13/2/2017 2:51	58	14/2/2017 3:56	56	15/2/2017 5:01	57	16/2/2017 6:06	58
11/2/2017 0:46	55	12/2/2017 1:51	53	13/2/2017 2:56	58	14/2/2017 4:01	57	15/2/2017 5:06	57	16/2/2017 6:11	57
11/2/2017 0:51	62	12/2/2017 1:56	52	13/2/2017 3:01	56	14/2/2017 4:06	58	15/2/2017 5:11	57	16/2/2017 6:16	58
11/2/2017 0:56	62	12/2/2017 2:01	53	13/2/2017 3:06	57	14/2/20					

Real-time Noise Data		RTN1 (Food and Environmental Hygiene Department Depot)									
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17/2/2017 1:16	59	18/2/2017 2:21	60	19/2/2017 3:26	61	20/2/2017 4:31	56	21/2/2017 5:36	57	22/2/2017 6:41	60
17/2/2017 1:21	60	18/2/2017 2:26	60	19/2/2017 3:31	58	20/2/2017 4:36	57	21/2/2017 5:41	58	22/2/2017 6:46	59
17/2/2017 1:26	60	18/2/2017 2:31	59	19/2/2017 3:36	58	20/2/2017 4:41	55	21/2/2017 5:46	58	22/2/2017 6:51	60
17/2/2017 1:31	59	18/2/2017 2:36	60	19/2/2017 3:41	58	20/2/2017 4:46	57	21/2/2017 5:51	59	22/2/2017 6:56	60
17/2/2017 1:36	60	18/2/2017 2:41	60	19/2/2017 3:46	58	20/2/2017 4:51	56	21/2/2017 5:56	59	22/2/2017 23:01	53
17/2/2017 1:41	59	18/2/2017 2:46	59	19/2/2017 3:51	58	20/2/2017 4:56	57	21/2/2017 6:01	58	22/2/2017 23:06	52
17/2/2017 1:46	59	18/2/2017 2:51	61	19/2/2017 3:56	58	20/2/2017 5:01	56	21/2/2017 6:06	59	22/2/2017 23:11	49
17/2/2017 1:51	59	18/2/2017 2:56	62	19/2/2017 4:01	59	20/2/2017 5:06	58	21/2/2017 6:11	60	22/2/2017 23:16	51
17/2/2017 1:56	58	18/2/2017 3:01	60	19/2/2017 4:06	59	20/2/2017 5:11	57	21/2/2017 6:16	61	22/2/2017 23:21	54
17/2/2017 2:01	58	18/2/2017 3:06	59	19/2/2017 4:11	58	20/2/2017 5:16	57	21/2/2017 6:21	60	22/2/2017 23:26	57
17/2/2017 2:06	59	18/2/2017 3:11	59	19/2/2017 4:16	59	20/2/2017 5:21	58	21/2/2017 6:26	61	22/2/2017 23:31	62
17/2/2017 2:11	58	18/2/2017 3:16	59	19/2/2017 4:21	60	20/2/2017 5:26	58	21/2/2017 6:31	61	22/2/2017 23:36	49
17/2/2017 2:16	58	18/2/2017 3:21	59	19/2/2017 4:26	58	20/2/2017 5:31	59	21/2/2017 6:36	62	22/2/2017 23:41	51
17/2/2017 2:21	58	18/2/2017 3:26	59	19/2/2017 4:31	58	20/2/2017 5:36	57	21/2/2017 6:41	54	22/2/2017 23:46	39
17/2/2017 2:26	58	18/2/2017 3:31	58	19/2/2017 4:36	58	20/2/2017 5:41	58	21/2/2017 6:46	55	22/2/2017 23:51	62
17/2/2017 2:31	58	18/2/2017 3:36	59	19/2/2017 4:41	57	20/2/2017 5:46	58	21/2/2017 6:51	56	22/2/2017 23:56	36
17/2/2017 2:36	59	18/2/2017 3:41	58	19/2/2017 4:46	57	20/2/2017 5:51	59	21/2/2017 6:56	55	23/2/2017 0:01	61
17/2/2017 2:41	59	18/2/2017 3:46	60	19/2/2017 4:51	58	20/2/2017 5:56	59	21/2/2017 23:01	54	23/2/2017 0:06	62
17/2/2017 2:46	58	18/2/2017 3:51	59	19/2/2017 4:56	58	20/2/2017 6:01	59	21/2/2017 23:06	56	23/2/2017 0:11	61
17/2/2017 2:51	59	18/2/2017 3:56	59	19/2/2017 5:01	58	20/2/2017 6:06	60	21/2/2017 23:11	57	23/2/2017 0:16	61
17/2/2017 2:56	57	18/2/2017 4:01	57	19/2/2017 5:06	58	20/2/2017 6:11	60	21/2/2017 23:16	58	23/2/2017 0:21	62
17/2/2017 3:01	58	18/2/2017 4:06	59	19/2/2017 5:11	58	20/2/2017 6:16	61	21/2/2017 23:21	59	23/2/2017 0:26	62
17/2/2017 3:06	57	18/2/2017 4:11	58	19/2/2017 5:16	57	20/2/2017 6:21	61	21/2/2017 23:26	58	23/2/2017 0:31	61
17/2/2017 3:11	57	18/2/2017 4:16	58	19/2/2017 5:21	58	20/2/2017 6:26	61	21/2/2017 23:31	56	23/2/2017 0:36	61
17/2/2017 3:16	58	18/2/2017 4:21	59	19/2/2017 5:26	58	20/2/2017 6:31	62	21/2/2017 23:36	59	23/2/2017 0:41	61
17/2/2017 3:21	58	18/2/2017 4:26	59	19/2/2017 5:31	59	20/2/2017 6:36	51	21/2/2017 23:41	60	23/2/2017 0:46	52
17/2/2017 3:26	58	18/2/2017 4:31	58	19/2/2017 5:36	59	20/2/2017 6:41	54	21/2/2017 23:46	58	23/2/2017 0:51	61
17/2/2017 3:31	57	18/2/2017 4:36	58	19/2/2017 5:41	58	20/2/2017 6:46	57	21/2/2017 23:51	59	23/2/2017 0:56	61
17/2/2017 3:36	58	18/2/2017 4:41	59	19/2/2017 5:46	58	20/2/2017 6:51	55	21/2/2017 23:56	56	23/2/2017 1:01	61
17/2/2017 3:41	57	18/2/2017 4:46	58	19/2/2017 5:51	59	20/2/2017 6:56	51	22/2/2017 0:01	58	23/2/2017 1:06	60
17/2/2017 3:46	56	18/2/2017 4:51	59	19/2/2017 5:56	59	20/2/2017 23:01	47	22/2/2017 0:06	57	23/2/2017 1:11	59
17/2/2017 3:51	57	18/2/2017 4:56	58	19/2/2017 6:01	59	20/2/2017 23:06	49	22/2/2017 0:11	54	23/2/2017 1:16	60
17/2/2017 3:56	57	18/2/2017 5:01	58	19/2/2017 6:06	60	20/2/2017 23:11	50	22/2/2017 0:16	57	23/2/2017 1:21	59
17/2/2017 4:01	57	18/2/2017 5:06	59	19/2/2017 6:11	60	20/2/2017 23:16	43	22/2/2017 0:21	55	23/2/2017 1:26	59
17/2/2017 4:06	57	18/2/2017 5:11	58	19/2/2017 6:16	59	20/2/2017 23:21	53	22/2/2017 0:26	49	23/2/2017 1:31	59
17/2/2017 4:11	57	18/2/2017 5:16	59	19/2/2017 6:21	60	20/2/2017 23:26	61	22/2/2017 0:31	54	23/2/2017 1:36	59
17/2/2017 4:16	57	18/2/2017 5:21	59	19/2/2017 6:26	60	20/2/2017 23:31	62	22/2/2017 0:36	53	23/2/2017 1:41	61
17/2/2017 4:21	58	18/2/2017 5:26	59	19/2/2017 6:31	60	20/2/2017 23:36	61	22/2/2017 0:41	58	23/2/2017 1:46	59
17/2/2017 4:26	58	18/2/2017 5:31	59	19/2/2017 6:36	61	20/2/2017 23:41	61	22/2/2017 0:46	47	23/2/2017 1:51	59
17/2/2017 4:31	57	18/2/2017 5:36	59	19/2/2017 6:41	60	20/2/2017 23:46	60	22/2/2017 0:51	54	23/2/2017 1:56	59
17/2/2017 4:36	57	18/2/2017 5:41	59	19/2/2017 6:46	60	20/2/2017 23:51	61	22/2/2017 0:56	49	23/2/2017 2:01	60
17/2/2017 4:41	57	18/2/2017 5:46	59	19/2/2017 6:51	60	20/2/2017 23:56	61	22/2/2017 1:01	61	23/2/2017 2:06	60
17/2/2017 4:46	57	18/2/2017 5:51	60	19/2/2017 6:56	61	21/2/2017 0:01	61	22/2/2017 1:06	61	23/2/2017 2:11	60
17/2/2017 4:51	57	18/2/2017 5:56	59	19/2/2017 23:01	54	21/2/2017 0:06	61	22/2/2017 1:11	62	23/2/2017 2:16	58
17/2/2017 4:56	57	18/2/2017 6:01	59	19/2/2017 23:06	61	21/2/2017 0:11	46	22/2/2017 1:16	61	23/2/2017 2:21	58
17/2/2017 5:01	58	18/2/2017 6:06	60	19/2/2017 23:11	62	21/2/2017 0:16	61	22/2/2017 1:21	61	23/2/2017 2:26	58
17/2/2017 5:06	57	18/2/2017 6:11	60	19/2/2017 23:16	61	21/2/2017 0:21	61	22/2/2017 1:26	61	23/2/2017 2:31	58
17/2/2017 5:11	58	18/2/2017 6:16	39	19/2/2017 23:21	61	21/2/2017 0:26	61	22/2/2017 1:31	61	23/2/2017 2:36	58
17/2/2017 5:16	57	18/2/2017 6:21	61	19/2/2017 23:26	61	21/2/2017 0:31	60	22/2/2017 1:36	62	23/2/2017 2:41	58
17/2/2017 5:21	58	18/2/2017 6:26	60	19/2/2017 23:31	43	21/2/2017 0:36	60	22/2/2017 1:41	61	23/2/2017 2:46	57
17/2/2017 5:26	58	18/2/2017 6:31	61	19/2/2017 23:36	61	21/2/2017 0:41	60	22/2/2017 1:46	60	23/2/2017 2:51	57
17/2/2017 5:31	58	18/2/2017 6:36	62	19/2/2017 23:41	61	21/2/2017 0:46	60	22/2/2017 1:51	61	23/2/2017 2:56	58
17/2/2017 5:36	58	18/2/2017 6:41	62	19/2/2017 23:46	61	21/2/2017 0:51	61	22/2/2017 1:56	61	23/2/2017 3:01	57
17/2/2017 5:41	59	18/2/2017 6:46	62	19/2/2017 23:51	61	21/2/2017 0:56	60	22/2/2017 2:01	61	23/2/2017 3:06	57
17/2/2017 5:46	58	18/2/2017 6:51	51	19/2/2017 23:56	60	21/2/2017 1:01	59	22/2/2017 2:06	60	23/2/2017 3:11	58
17/2/2017 5:51	60	18/2/2017 6:56	39	20/2/2017 0:01	60	21/2/2017 1:06	59	22/2/2017 2:11	61	23/2/2017 3:16	58
17/2/2017 5:56	60	18/2/2017 23:01	53	20/2/2017 0:06	60	21/2/2017 1:11	59	22/2/2017 2:16	59	23/2/2017 3:21	58
17/2/2017 6:01	59	18/2/2017 23:06	53	20/2/2017 0:11	59	21/2/2017 1:16	60	22/2/2017 2:21	61	23/2/2017 3:26	57
17/2/2017 6:06	59	18/2/2017 23:11	51	20/2/2017 0:16	59	21/2/2017 1:21	60	22/2/2017 2:26	60	23/2/2017 3:31	57
17/2/2017 6:11	61	18/2/2017 23:16	53	20/2/2017 0:21	60	21/2/2017 1:26	59	22/2/2017 2:31	59	23/2/2017 3:36	58
17/2/2017 6:16	61	18/2/2017 23:21	52	20/2/2017 0:26	60	21/2/2017 1:31	59	22/2/2017 2:36	60	23/2/2017 3:41	56
17/2/2017 6:21	61	18/2/2017 23:26	47	20/2/2017 0:31	60	21/2/2017 1:36	59	22/2/2017 2:41	40	23/2/2017 3:46	58
17/2/2017 6:26	62	18/2/2017 23:31	49	20/2/2017 0:36	59	21/2/2017 1:41	58	22/2/2017 2:46	61	23/2/2017 3:51	57
17/2/2017 6:31	62	18/2/2017 23:36	62	20/2/2017 0:41	59	21/2/2017 1:46	59	22/2/2017 2:51	61	23/2/2017 3:56	57
17/2/2017 6:36	53	18/2/2017 23:41	50	20/2/2017 0:46	59	21/2/2017 1:51	58	22/2/2017 2:56	60	23/2/2017 4:01	58
17/2/2017 6:41	55	18/2/2017 23:46	54	20/2/2017 0:51	59	21/2/2017 1:56	58	22/2/2017 3:01	61	23/2/2017 4:06	58
17/2/2017 6:46	55	18/2/2017 23:51	61	20/2/2017 0:56	59	21/2/2017 2:01	58	22/2/2017 3:06	54	23/2/2017 4:11	57
17/2/2017 6:51	56	18/2/2017 23:56	62	20/2/2017 1:01	59	21/2/2017 2:06	58	22/2/2017 3:11	48	23/2/2017 4:16	58
17/2/2017 6:56	54	19/2/2017 0:01	62	20/2/2017 1:06	59	21/2/2017 2:11	58	22/2/2017 3:16	60	23/2/2017 4:21	57
17/2/2017 23:01	55	19/2/2017 0:06	62	20/2/2017 1:11	59	21/2/2017 2:16	58	22/2/2017 3:21	61	23/2/2017 4:26	58
17/2/2017 23:06	55	19/2/2017 0:11	48	20/2/2017 1:16	58	21/2/2017 2:21	58	22/2/2017 3:26	60	23/2/2017 4:31	57
17/2/2017 23:11	62	19/2/2017 0:16	61	20/2/2017 1:21	58	21/2/2017 2:26	58	22/2/2017 3:31	60	23/2/2017 4:36	57
17/2/2017 23:16	61	19/2/2017 0:21	49	20/2/2017 1:26	58	21/2/2017 2:31	58	22/2/2017 3:36	61	23/2/2017 4:41	57
17/2/2017 23:21	61	19/2/2017 0:26	61	20/2/2017 1:31	57	21/2/2017 2:36	58	22/2/2017 3:41	60	23/2/2017 4:46	56
17/2/2017 23:26	61	19/2/2017 0:31	61	20/2/2017 1:36	57	2					

Real-time Noise Data	RTN1 (Food and Environmental Hygiene Department Depot)	
23/2/2017 23:41 62	25/2/2017 0:46 59	26/2/2017 1:51 59
23/2/2017 23:46 62	25/2/2017 0:51 61	26/2/2017 1:56 60
23/2/2017 23:51 62	25/2/2017 0:56 60	26/2/2017 2:01 60
23/2/2017 23:56 62	25/2/2017 1:01 59	26/2/2017 2:06 60
24/2/2017 0:01 61	25/2/2017 1:06 60	26/2/2017 2:11 61
24/2/2017 0:06 61	25/2/2017 1:11 59	26/2/2017 2:16 59
24/2/2017 0:11 61	25/2/2017 1:16 59	26/2/2017 2:21 60
24/2/2017 0:16 61	25/2/2017 1:21 60	26/2/2017 2:26 61
24/2/2017 0:21 62	25/2/2017 1:26 58	26/2/2017 2:31 60
24/2/2017 0:26 61	25/2/2017 1:31 57	26/2/2017 2:36 59
24/2/2017 0:31 61	25/2/2017 1:36 58	26/2/2017 2:41 60
24/2/2017 0:36 60	25/2/2017 1:41 58	26/2/2017 2:46 60
24/2/2017 0:41 61	25/2/2017 1:46 56	26/2/2017 2:51 59
24/2/2017 0:46 59	25/2/2017 1:51 58	26/2/2017 2:56 60
24/2/2017 0:51 60	25/2/2017 1:56 58	26/2/2017 3:01 60
24/2/2017 0:56 60	25/2/2017 2:01 59	26/2/2017 3:06 59
24/2/2017 1:01 60	25/2/2017 2:06 58	26/2/2017 3:11 60
24/2/2017 1:06 60	25/2/2017 2:11 57	26/2/2017 3:16 59
24/2/2017 1:11 59	25/2/2017 2:16 57	26/2/2017 3:21 60
24/2/2017 1:16 59	25/2/2017 2:21 58	26/2/2017 3:26 59
24/2/2017 1:21 59	25/2/2017 2:26 57	26/2/2017 3:31 60
24/2/2017 1:26 59	25/2/2017 2:31 57	26/2/2017 3:36 60
24/2/2017 1:31 59	25/2/2017 2:36 58	26/2/2017 3:41 59
24/2/2017 1:36 59	25/2/2017 2:41 57	26/2/2017 3:46 59
24/2/2017 1:41 59	25/2/2017 2:46 56	26/2/2017 3:51 60
24/2/2017 1:46 58	25/2/2017 2:51 56	26/2/2017 3:56 59
24/2/2017 1:51 58	25/2/2017 2:56 55	26/2/2017 4:01 59
24/2/2017 1:56 58	25/2/2017 3:01 56	26/2/2017 4:06 58
24/2/2017 2:01 59	25/2/2017 3:06 55	26/2/2017 4:11 58
24/2/2017 2:06 58	25/2/2017 3:11 57	26/2/2017 4:16 59
24/2/2017 2:11 59	25/2/2017 3:16 57	26/2/2017 4:21 59
24/2/2017 2:16 59	25/2/2017 3:21 56	26/2/2017 4:26 59
24/2/2017 2:21 58	25/2/2017 3:26 56	26/2/2017 4:31 59
24/2/2017 2:26 57	25/2/2017 3:31 56	26/2/2017 4:36 59
24/2/2017 2:31 58	25/2/2017 3:36 52	26/2/2017 4:41 60
24/2/2017 2:36 59	25/2/2017 3:41 56	26/2/2017 4:46 60
24/2/2017 2:41 58	25/2/2017 3:46 55	26/2/2017 4:51 59
24/2/2017 2:46 58	25/2/2017 3:51 51	26/2/2017 4:56 59
24/2/2017 2:51 58	25/2/2017 3:56 53	26/2/2017 5:01 59
24/2/2017 2:56 58	25/2/2017 4:01 54	26/2/2017 5:06 59
24/2/2017 3:01 58	25/2/2017 4:06 54	26/2/2017 5:11 59
24/2/2017 3:06 57	25/2/2017 4:11 53	26/2/2017 5:16 59
24/2/2017 3:11 58	25/2/2017 4:16 51	26/2/2017 5:21 59
24/2/2017 3:16 58	25/2/2017 4:21 51	26/2/2017 5:26 59
24/2/2017 3:21 57	25/2/2017 4:26 54	26/2/2017 5:31 60
24/2/2017 3:26 56	25/2/2017 4:31 49	26/2/2017 5:36 60
24/2/2017 3:31 57	25/2/2017 4:36 53	26/2/2017 5:41 60
24/2/2017 3:36 57	25/2/2017 4:41 51	26/2/2017 5:46 60
24/2/2017 3:41 57	25/2/2017 4:46 53	26/2/2017 5:51 60
24/2/2017 3:46 57	25/2/2017 4:51 54	26/2/2017 5:56 61
24/2/2017 3:51 57	25/2/2017 4:56 50	26/2/2017 6:01 60
24/2/2017 3:56 57	25/2/2017 5:01 49	26/2/2017 6:06 61
24/2/2017 4:01 56	25/2/2017 5:06 48	26/2/2017 6:11 61
24/2/2017 4:06 57	25/2/2017 5:11 49	26/2/2017 6:16 60
24/2/2017 4:11 56	25/2/2017 5:16 53	26/2/2017 6:21 62
24/2/2017 4:16 58	25/2/2017 5:21 48	26/2/2017 6:26 61
24/2/2017 4:21 57	25/2/2017 5:26 52	26/2/2017 6:31 62
24/2/2017 4:26 57	25/2/2017 5:31 54	26/2/2017 6:36 48
24/2/2017 4:31 57	25/2/2017 5:36 52	26/2/2017 6:41 55
24/2/2017 4:36 57	25/2/2017 5:41 54	26/2/2017 6:46 55
24/2/2017 4:41 57	25/2/2017 5:46 52	26/2/2017 6:51 55
24/2/2017 4:46 57	25/2/2017 5:51 56	26/2/2017 6:56 53
24/2/2017 4:51 56	25/2/2017 5:56 57	26/2/2017 23:01 56
24/2/2017 4:56 58	25/2/2017 6:01 55	26/2/2017 23:06 56
24/2/2017 5:01 57	25/2/2017 6:06 56	26/2/2017 23:11 47
24/2/2017 5:06 59	25/2/2017 6:11 57	26/2/2017 23:16 49
24/2/2017 5:11 57	25/2/2017 6:16 58	26/2/2017 23:21 59
24/2/2017 5:16 57	25/2/2017 6:21 58	26/2/2017 23:26 52
24/2/2017 5:21 58	25/2/2017 6:26 59	26/2/2017 23:31 62
24/2/2017 5:26 58	25/2/2017 6:31 58	26/2/2017 23:36 50
24/2/2017 5:31 58	25/2/2017 6:36 59	26/2/2017 23:41 62
24/2/2017 5:36 59	25/2/2017 6:41 60	26/2/2017 23:46 61
24/2/2017 5:41 58	25/2/2017 6:46 61	26/2/2017 23:51 62
24/2/2017 5:46 60	25/2/2017 6:51 61	26/2/2017 23:56 61
24/2/2017 5:51 59	25/2/2017 6:56 61	
24/2/2017 5:56 60	25/2/2017 23:01 59	
24/2/2017 6:01 60	25/2/2017 23:06 55	
24/2/2017 6:06 61	25/2/2017 23:11 58	
24/2/2017 6:11 60	25/2/2017 23:16 58	
24/2/2017 6:16 61	25/2/2017 23:21 57	
24/2/2017 6:21 61	25/2/2017 23:26 56	
24/2/2017 6:26 39	25/2/2017 23:31 56	
24/2/2017 6:31 52	25/2/2017 23:36 53	
24/2/2017 6:36 52	25/2/2017 23:41 53	
24/2/2017 6:41 54	25/2/2017 23:46 55	
24/2/2017 6:46 58	25/2/2017 23:51 54	
24/2/2017 6:51 56	25/2/2017 23:56 49	
24/2/2017 6:56 54	26/2/2017 0:01 48	
24/2/2017 23:01 62	26/2/2017 0:06 56	
24/2/2017 23:06 61	26/2/2017 0:11 55	
24/2/2017 23:11 61	26/2/2017 0:16 62	
24/2/2017 23:16 62	26/2/2017 0:21 61	
24/2/2017 23:21 62	26/2/2017 0:26 48	
24/2/2017 23:26 62	26/2/2017 0:31 62	
24/2/2017 23:31 62	26/2/2017 0:36 61	
24/2/2017 23:36 62	26/2/2017 0:41 62	
24/2/2017 23:41 61	26/2/2017 0:46 61	
24/2/2017 23:46 62	26/2/2017 0:51 61	
24/2/2017 23:51 61	26/2/2017 0:56 61	
24/2/2017 23:56 62	26/2/2017 1:01 61	
25/2/2017 0:01 61	26/2/2017 1:06 61	
25/2/2017 0:06 61	26/2/2017 1:11 60	
25/2/2017 0:11 61	26/2/2017 1:16 61	
25/2/2017 0:16 61	26/2/2017 1:21 61	
25/2/2017 0:21 61	26/2/2017 1:26 61	
25/2/2017 0:26 59	26/2/2017 1:31 61	
25/2/2017 0:31 60	26/2/2017 1:36 60	
25/2/2017 0:36 60	26/2/2017 1:41 60	
25/2/2017 0:41 61	26/2/2017 1:46 60	

Real-time Noise Data		RTN2a (Hong Kong Electric Centre)	
Normal Day 07:00-19:00			
27/1/2017 7:01	58	4/2/2017 12:31	64
27/1/2017 7:31	57	4/2/2017 13:01	71
27/1/2017 8:01	58	4/2/2017 13:31	71
27/1/2017 8:31	59	4/2/2017 14:01	73
27/1/2017 9:01	59	4/2/2017 14:31	71
27/1/2017 9:31	59	4/2/2017 15:01	70
27/1/2017 10:01	59	4/2/2017 15:31	68
27/1/2017 10:31	64	4/2/2017 16:01	70
27/1/2017 11:01	62	4/2/2017 16:31	69
27/1/2017 11:31	59	4/2/2017 17:01	67
27/1/2017 12:01	58	4/2/2017 17:31	65
27/1/2017 12:31	58	4/2/2017 18:01	65
27/1/2017 13:01	58	4/2/2017 18:31	65
27/1/2017 13:31	59	6/2/2017 7:01	64
27/1/2017 14:01	58	6/2/2017 7:31	68
27/1/2017 14:31	59	6/2/2017 8:01	72
27/1/2017 15:01	58	6/2/2017 8:31	72
27/1/2017 15:31	58	6/2/2017 9:01	73
27/1/2017 16:01	59	6/2/2017 9:31	73
27/1/2017 16:31	58	6/2/2017 10:01	74
27/1/2017 17:01	58	6/2/2017 10:31	74
27/1/2017 17:31	59	6/2/2017 11:01	72
27/1/2017 18:01	59	6/2/2017 11:31	70
27/1/2017 18:31	58	6/2/2017 12:01	71
1/2/2017 7:01	58	6/2/2017 12:31	68
1/2/2017 7:31	58	6/2/2017 13:01	71
1/2/2017 8:01	59	6/2/2017 13:31	74
1/2/2017 8:31	60	6/2/2017 14:01	74
1/2/2017 9:01	60	6/2/2017 14:31	73
1/2/2017 9:31	60	6/2/2017 15:01	72
1/2/2017 10:01	59	6/2/2017 15:31	70
1/2/2017 10:31	60	6/2/2017 16:01	69
1/2/2017 11:01	60	6/2/2017 16:31	70
1/2/2017 11:31	59	6/2/2017 17:01	69
1/2/2017 12:01	58	6/2/2017 17:31	66
1/2/2017 12:31	58	6/2/2017 18:01	62
1/2/2017 13:01	61	6/2/2017 18:31	66
1/2/2017 13:31	58	7/2/2017 7:01	65
1/2/2017 14:01	64	7/2/2017 7:31	71
1/2/2017 14:31	57	7/2/2017 8:01	70
1/2/2017 15:01	59	7/2/2017 8:31	74
1/2/2017 15:31	59	7/2/2017 9:01	75
1/2/2017 16:01	58	7/2/2017 9:31	73
1/2/2017 16:31	58	7/2/2017 10:01	75
1/2/2017 17:01	58	7/2/2017 10:31	76
1/2/2017 17:31	58	7/2/2017 11:01	74
1/2/2017 18:01	58	7/2/2017 11:31	72
1/2/2017 18:31	59	7/2/2017 12:01	63
2/2/2017 7:01	56	7/2/2017 12:31	66
2/2/2017 7:31	58	7/2/2017 13:01	65
2/2/2017 8:01	59	7/2/2017 13:31	72
2/2/2017 8:31	63	7/2/2017 14:01	71
2/2/2017 9:01	45	7/2/2017 14:31	74
2/2/2017 9:31	72	7/2/2017 15:01	72
2/2/2017 10:01	73	7/2/2017 15:31	67
2/2/2017 10:31	63	7/2/2017 16:01	67
2/2/2017 11:01	61	7/2/2017 16:31	61
2/2/2017 11:31	62	7/2/2017 17:01	56
2/2/2017 12:01	65	7/2/2017 17:31	65
2/2/2017 12:31	61	7/2/2017 18:01	64
2/2/2017 13:01	62	7/2/2017 18:31	63
2/2/2017 13:31	63	8/2/2017 7:01	66
2/2/2017 14:01	68	8/2/2017 7:31	68
2/2/2017 14:31	64	8/2/2017 8:01	71
2/2/2017 15:01	65	8/2/2017 8:31	75
2/2/2017 15:31	65	8/2/2017 9:01	72
2/2/2017 16:01	62	8/2/2017 9:31	74
2/2/2017 16:31	59	8/2/2017 10:01	74
2/2/2017 17:01	59	8/2/2017 10:31	74
2/2/2017 17:31	59	8/2/2017 11:01	74
2/2/2017 18:01	58	8/2/2017 11:31	75
2/2/2017 18:31	58	8/2/2017 12:01	73
3/2/2017 7:01	62	8/2/2017 12:31	73
3/2/2017 7:31	65	8/2/2017 13:01	72
3/2/2017 8:01	72	8/2/2017 13:31	73
3/2/2017 8:31	72	8/2/2017 14:01	73
3/2/2017 9:01	72	8/2/2017 14:31	73
3/2/2017 9:31	73	8/2/2017 15:01	73
3/2/2017 10:01	74	8/2/2017 15:31	73
3/2/2017 10:31	76	8/2/2017 16:01	74
3/2/2017 11:01	73	8/2/2017 16:31	73
3/2/2017 11:31	73	8/2/2017 17:01	74
3/2/2017 12:01	70	8/2/2017 17:31	70
3/2/2017 12:31	68	8/2/2017 18:01	69
3/2/2017 13:01	72	9/2/2017 7:01	66
3/2/2017 13:31	72	9/2/2017 7:31	74
3/2/2017 14:01	72	9/2/2017 8:01	74
3/2/2017 14:31	73	9/2/2017 8:31	76
3/2/2017 15:01	72	9/2/2017 9:01	75
3/2/2017 15:31	73	9/2/2017 9:31	76
3/2/2017 16:01	74	9/2/2017 10:01	76
3/2/2017 16:31	72	9/2/2017 10:31	75
3/2/2017 17:01	72	9/2/2017 11:01	76
3/2/2017 17:31	71	9/2/2017 11:31	74
3/2/2017 18:01	69	9/2/2017 12:01	71
3/2/2017 18:31	64	9/2/2017 12:31	71
4/2/2017 7:01	65	9/2/2017 13:01	73
4/2/2017 7:31	72	9/2/2017 13:31	76
4/2/2017 8:01	74	9/2/2017 14:01	74
4/2/2017 8:31	76	9/2/2017 14:31	71
4/2/2017 9:01	75	9/2/2017 15:01	71
4/2/2017 9:31	74	9/2/2017 15:31	71
4/2/2017 10:01	74	9/2/2017 16:01	70
4/2/2017 10:31	74	9/2/2017 16:31	66
4/2/2017 11:01	71	9/2/2017 17:01	66
4/2/2017 11:31	69	9/2/2017 17:31	66
4/2/2017 12:01	58	9/2/2017 18:01	65
4/2/2017 12:31	58	9/2/2017 18:31	64
10/2/2017 7:01	62	10/2/2017 12:31	67
10/2/2017 7:31	68	10/2/2017 13:01	68
10/2/2017 8:01	73	10/2/2017 13:31	73
10/2/2017 8:31	74	10/2/2017 14:01	73
10/2/2017 9:01	74	10/2/2017 14:31	73
10/2/2017 9:31	74	10/2/2017 15:01	71
10/2/2017 10:01	75	10/2/2017 15:31	69
10/2/2017 10:31	73	10/2/2017 16:01	67
10/2/2017 11:01	73	10/2/2017 16:31	67
10/2/2017 11:31	69	10/2/2017 17:01	66
10/2/2017 12:01	59	10/2/2017 17:31	61
10/2/2017 12:31	69	10/2/2017 18:01	64
10/2/2017 13:01	72	10/2/2017 18:31	63
10/2/2017 13:31	74	11/2/2017 7:01	63
10/2/2017 14:01	75	11/2/2017 7:31	69
10/2/2017 14:31	73	11/2/2017 8:01	71
10/2/2017 15:01	71	11/2/2017 8:31	74
10/2/2017 15:31	69	11/2/2017 9:01	74
10/2/2017 16:01	67	11/2/2017 9:31	77
10/2/2017 16:31	67	11/2/2017 10:01	76
10/2/2017 17:01	66	11/2/2017 10:31	76
10/2/2017 17:31	61	11/2/2017 11:01	76
10/2/2017 18:01	64	11/2/2017 11:31	73
10/2/2017 18:31	63	11/2/2017 12:01	66
11/2/2017 7:01	63	11/2/2017 12:31	65
11/2/2017 7:31	69	11/2/2017 13:01	66
11/2/2017 8:01	71	11/2/2017 13:31	72
11/2/2017 8:31	74	11/2/2017 14:01	70
11/2/2017 9:01	74	11/2/2017 14:31	70
11/2/2017 9:31	77	11/2/2017 15:01	71
11/2/2017 10:01	76	11/2/2017 15:31	69
11/2/2017 10:31	76	11/2/2017 16:01	73
11/2/2017 11:01	76	11/2/2017 16:31	66
11/2/2017 11:31	73	11/2/2017 17:01	58
11/2/2017 12:01	66	11/2/2017 17:31	63
11/2/2017 12:31	65	11/2/2017 18:01	65
11/2/2017 13:01	66	11/2/2017 18:31	62
11/2/2017 13:31	72	12/2/2017 7:01	66
11/2/2017 14:01	70	12/2/2017 7:31	70
11/2/2017 14:31	70	12/2/2017 8:01	74
11/2/2017 15:01	71	12/2/2017 8:31	74
11/2/2017 15:31	69	12/2/2017 9:01	74
11/2/2017 16:01	73	12/2/2017 9:31	77
11/2/2017 16:31	66	12/2/2017 10:01	75
11/2/2017 17:01	58	12/2/2017 10:31	75
11/2/2017 17:31	63	12/2/2017 11:01	77
11/2/2017 18:01	65	12/2/2017 11:31	72
11/2/2017 18:31	62	12/2/2017 12:01	72
12/2/2017 7:01	64	12/2/2017 12:31	72
12/2/2017 7:31	72	12/2/2017 13:01	73
12/2/2017 8:01	76	12/2/2017 13:31	73
12/2/2017 8:31	77	12/2/2017 14:01	75
12/2/2017 9:01	76	12/2/2017 14:31	74
12/2/2017 9:31	77	12/2/2017 15:01	75
12/2/2017 10:01	76	12/2/2017 15:31	73
12/2/2017 10:31	76	12/2/2017 16:01	72
12/2/2017 11:01	77	12/2/2017 16:31	70
12/2/2017 11:31	77	12/2/2017 17:01	75
12/2/2017 12:01	72	12/2/2017 17:31	71
12/2/2017 12:31	72	12/2/2017 18:01	69
12/2/2017 13:01	72	12/2/2017 18:31	65
12/2/2017 13:31	72	12/2/2017 19:01	73
12/2/2017 14:01	74	13/2/2017 7:01	66
12/2/2017 14:31	74	13/2/2017 7:31	70
12/2/2017 15:01	75	13/2/2017 8:01	74
12/2/2017 15:31	76	13/2/2017 8:31	74
12/2/2017 16:01	76	13/2/2017 9:01	75
12/2/2017 16:31	74	13/2/2017 9:31	77
12/2/2017 17:01	73	13/2/2017 10:01	75
12/2/2017 17:31	73	13/2/2017 10:31	75
12/2/2017 18:01	72	13/2/2017 11:01	77
12/2/2017 18:31	72	13/2/2017 11:31	77
12/2/2017 19:01	73	13/2/2017 12:01	72
13/2/2017 7:01	66	13/2/2017 12:31	71
13/2/2017 7:31	70	13/2/2017 13:01	72
13/2/2017 8:01	74	13/2/2017 13:31	72
13/2/2017 8:31	74	13/2/2017 14:01	72
13/2/2017 9:01	75	13/2/2017 14:31	71
13/2/2017 9:31	77	13/2/2017 15:01	72
13/2/2017 10:01	75	13/2/2017 15:31	75
13/2/2017 10:31	75	13/2/2017 16:01	74
13/2/2017 11:01	77	13/2/2017 16:31	74
13/2/2017 11:31	77	13/2/2017 17:01	74
13/2/2017 12:01	72	13/2/2017 17:31	74
13/2/2017 12:31	72	13/2/2017 18:01	74
13/2/2017 13:01	72	13/2/2017 18:31	74
13/2/2017 13:31	75	13/2/2017 19:01	74
13/2/2017 14:01	74	14/2/2017 7:01	64
13/2/2017 14:31	74	14/2/2017 7:31	67
13/2/2017 15:01	74	14/2/2017 8:01	73
13/2/2017 15:31	74	14/2/2017 8:31	73
13/2/2017 16:01	76	14/2/2017 9:01	74
13/2/2017 16:31	74	14/2/2017 9:31	77
13/2/2017 17:01	73	14/2/2017 10:01	74
13/2/2017 17:31	73	14/2/2017 10:31	74
13/2/2017 18:01	73	14/2/2017 11:01	74
13/2/2017 18:31	72	14/2/2017 11:31	73
13/2/2017 19:01	73	14/2/2017 12:01	63
14/2/2017 7:01	64	14/2/2017 12:31	70
14/2/2017 7:31	67	15/2/2017 7:01	64
14/2/2017 8:01	73	15/2/2017 7:31	67
14/2/2017 8:31	73	15/2/2017 8:01	73
14/2/2017 9:01	74	15/2/2017 8:31	73
14/2/2017 9:31	77	15/2/2017 9:01	74
14/2/2017 10:01	74	15/2/2	

Real-time Noise Data		RTN2a (Hong Kong Electric Centre)			
28/1/2017 10:56 58	28/1/2017 20:01 57	29/1/2017 13:06 58	29/1/2017 22:11 58	30/1/2017 15:16 57	31/1/2017 8:21 55
28/1/2017 11:01 58	28/1/2017 20:06 57	29/1/2017 13:11 59	29/1/2017 22:16 57	30/1/2017 15:21 58	31/1/2017 8:26 56
28/1/2017 11:06 56	28/1/2017 20:11 57	29/1/2017 13:16 59	29/1/2017 22:21 57	30/1/2017 15:26 58	31/1/2017 8:31 56
28/1/2017 11:11 57	28/1/2017 20:16 59	29/1/2017 13:21 56	29/1/2017 22:26 57	30/1/2017 15:31 58	31/1/2017 8:36 60
28/1/2017 11:16 57	28/1/2017 20:21 56	29/1/2017 13:26 57	29/1/2017 22:31 56	30/1/2017 15:36 60	31/1/2017 8:41 57
28/1/2017 11:21 58	28/1/2017 20:26 56	29/1/2017 13:31 57	29/1/2017 22:36 56	30/1/2017 15:41 59	31/1/2017 8:46 56
28/1/2017 11:26 58	28/1/2017 20:31 56	29/1/2017 13:36 59	29/1/2017 22:41 56	30/1/2017 15:46 57	31/1/2017 8:51 56
28/1/2017 11:31 57	28/1/2017 20:36 56	29/1/2017 13:41 57	29/1/2017 22:46 57	30/1/2017 15:51 58	31/1/2017 8:56 61
28/1/2017 11:36 58	28/1/2017 20:41 58	29/1/2017 13:46 57	29/1/2017 22:51 58	30/1/2017 15:56 59	31/1/2017 9:01 56
28/1/2017 11:41 58	28/1/2017 20:46 59	29/1/2017 13:51 58	29/1/2017 22:56 55	30/1/2017 16:01 59	31/1/2017 9:06 57
28/1/2017 11:46 58	28/1/2017 20:51 57	29/1/2017 13:56 56	30/1/2017 7:01 54	30/1/2017 16:06 58	31/1/2017 9:11 62
28/1/2017 11:51 58	28/1/2017 20:56 59	29/1/2017 14:01 57	30/1/2017 7:06 55	30/1/2017 16:11 58	31/1/2017 9:16 57
28/1/2017 11:56 59	28/1/2017 21:01 56	29/1/2017 14:06 57	30/1/2017 7:11 55	30/1/2017 16:16 59	31/1/2017 9:21 57
28/1/2017 12:01 58	28/1/2017 21:06 57	29/1/2017 14:11 58	30/1/2017 7:16 54	30/1/2017 16:21 58	31/1/2017 9:26 57
28/1/2017 12:06 59	28/1/2017 21:11 56	29/1/2017 14:16 59	30/1/2017 7:21 54	30/1/2017 16:26 57	31/1/2017 9:31 56
28/1/2017 12:11 58	28/1/2017 21:16 56	29/1/2017 14:21 57	30/1/2017 7:26 55	30/1/2017 16:31 57	31/1/2017 9:36 57
28/1/2017 12:16 58	28/1/2017 21:21 59	29/1/2017 14:26 58	30/1/2017 7:31 55	30/1/2017 16:36 58	31/1/2017 9:41 57
28/1/2017 12:21 62	28/1/2017 21:26 56	29/1/2017 14:31 57	30/1/2017 7:36 55	30/1/2017 16:41 57	31/1/2017 9:46 57
28/1/2017 12:26 58	28/1/2017 21:31 56	29/1/2017 14:36 57	30/1/2017 7:41 55	30/1/2017 16:46 57	31/1/2017 9:51 57
28/1/2017 12:31 57	28/1/2017 21:36 57	29/1/2017 14:41 58	30/1/2017 7:46 55	30/1/2017 16:51 58	31/1/2017 9:56 57
28/1/2017 12:36 58	28/1/2017 21:41 57	29/1/2017 14:46 57	30/1/2017 7:51 55	30/1/2017 16:56 60	31/1/2017 10:01 57
28/1/2017 12:41 57	28/1/2017 21:46 59	29/1/2017 14:51 57	30/1/2017 7:56 60	30/1/2017 17:01 58	31/1/2017 10:06 57
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28/1/2017 13:51 57	28/1/2017 22:56 56	29/1/2017 16:01 58	30/1/2017 9:06 56	30/1/2017 18:11 57	31/1/2017 11:16 58
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28/1/2017 15:41 58	29/1/2017 8:46 56	29/1/2017 17:51 59	30/1/2017 10:56 58	30/1/2017 20:01 56	31/1/2017 13:06 58
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28/1/2017 16:51 58	29/1/2017 9:56 57	29/1/2017 19:01 58	30/1/2017 12:06 57	30/1/2017 21:11 57	31/1/2017 14:16 61
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28/1/2017 17:01 57	29/1/2017 10:06 57	29/1/2017 19:11 57	30/1/2017 12:16 57	30/1/2017 21:21 56	31/1/2017 14:26 57
28/1/2017 17:06 58	29/1/2017 10:11 57	29/1/2017 19:16 58	30/1/2017 12:21 57	30/1/2017 21:26 56	31/1/2017 14:31 58
28/1/2017 17:11 58	29/1/2017 10:16 58	29/1/2017 19:21 57	30/1/2017 12:26 57	30/1/2017 21:31 57	31/1/2017 14:36 58
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28/1/2017 17:21 59	29/1/2017 10:26 57	29/1/2017 19:31 58	30/1/2017 12:36 58	30/1/2017 21:41 57	31/1/2017 14:46 57
28/1/2017 17:26 58	29/1/2017 10:31 57	29/1/2017 19:36 58	30/1/2017 12:41 57	30/1/2017 21:46 56	31/1/2017 14:51 57
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28/1/2017 17:41 59	29/1/2017 10:46 58	29/1/2017 19:51 59	30/1/2017 12:56 58	30/1/2017 22:01 56	31/1/2017 15:06 58
28/1/2017 17:46 57	29/1/2017 10:51 58	29/1/2017 19:56 58	30/1/2017 13:01 58	30/1/2017 22:06 57	31/1/2017 15:11 57
28/1/2017 17:51 59	29/1/2017 10:56 57	29/1/2017 20:01 59	30/1/2017 13:06 58	30/1/2017 22:11 57	31/1/2017 15:16 60
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28/1/2017 18:01 58	29/1/2017 11:06 58	29/1/2017 20:11 77	30/1/2017 13:16 57	30/1/2017 22:21 56	31/1/2017 15:26 58
28/1/2017 18:06 57	29/1/2017 11:11 57	29/1/2017 20:16 75	30/1/2017 13:21 57	30/1/2017 22:26 56	31/1/2017 15:31 60
28/1/2017 18:11 56	29/1/2017 11:16 57	29/1/2017 20:21 77	30/1/2017 13:2		

Real-time Noise Data		RTN2a (Hong Kong Electric Centre)											
31/1/2017 17:26	58	1/2/2017 22:31	58	4/2/2017 19:36	60	5/2/2017 12:41	59	5/2/2017 21:46	57	7/2/2017 22:51	57		
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31/1/2017 17:41	57	1/2/2017 22:46	57	4/2/2017 19:51	59	5/2/2017 12:56	59	5/2/2017 22:01	56	8/2/2017 19:06	63		
31/1/2017 17:46	57	1/2/2017 22:51	57	4/2/2017 19:56	58	5/2/2017 13:01	59	5/2/2017 22:06	56	8/2/2017 19:11	62		
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31/1/2017 17:56	58	2/2/2017 19:01	58	4/2/2017 20:06	58	5/2/2017 13:11	59	5/2/2017 22:16	57	8/2/2017 19:21	65		
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31/1/2017 22:06	57	3/2/2017 19:11	59	5/2/2017 8:16	56	5/2/2017 17:21	58	6/2/2017 22:26	58	9/2/2017 19:31	62		
31/1/2017 22:11	57	3/2/2017 19:16	58	5/2/2017 8:21	57	5/2/2017 17:26	59	6/2/2017 22:31	58	9/2/2017 19:36	67		
31/1/2017 22:16	58	3/2/2017 19:21	58	5/2/2017 8:26	56	5/2/2017 17:31	57	6/2/2017 22:36	58	9/2/2017 19:41	60		
31/1/2017 22:21	56	3/2/2017 19:26	58	5/2/2017 8:31	58	5/2/2017 17:36	57	6/2/2017 22:41	58	9/2/2017 19:46	52		
31/1/2017 22:26	56	3/2/2017 19:31	59	5/2/2017 8:36	57	5/2/2017 17:41	58	6/2/2017 22:46	57	9/2/2017 19:51	48		
31/1/2017 22:31	57	3/2/2017 19:36	59	5/2/2017 8:41	58	5/2/2017 17:46	57	6/2/2017 22:51	59	9/2/2017 19:56	58		
31/1/2017 22:36	58	3/2/2017 19:41	59	5/2/2017 8:46	57	5/2/2017 17:51	57	6/2/2017 22:56	57	9/2/2017 20:01	56		
31/1/2017 22:41	56	3/2/2017 19:46	58	5/2/2017 8:51	59	5/2/2017 17:56	60	7/2/2017 19:01	61	9/2/2017 20:06	51		
31/1/2017 22:46	57	3/2/2017 19:51	58	5/2/2017 8:56	61	5/2/2017 18:01	56	7/2/2017 19:06	59	9/2/2017 20:11	56		
31/1/2017 22:51	56	3/2/2017 19:56	60	5/2/2017 9:01	60	5/2/2017 18:06	57	7/2/2017 19:11	58	9/2/2017 20:16	61		
31/1/2017 22:56	56	3/2/2017 20:01	58	5/2/2017 9:06	61	5/2/2017 18:11	59	7/2/2017 19:16	60	9/2/2017 20:21	66		
1/2/2017 19:01	58	3/2/2017 20:06	60	5/2/2017 9:11	60	5/2/2017 18:16	57	7/2/2017 19:21	59	9/2/2017 20:26	64		
1/2/2017 19:06	60	3/2/2017 20:11	59	5/2/2017 9:16	60	5/2/2017 18:21	57	7/2/2017 19:26	60	9/2/2017 20:31	64		
1/2/2017 19:11	59	3/2/2017 20:16	58	5/2/2017 9:21	60	5/2/2017 18:26	57	7/2/2017 19:31	59	9/2/2017 20:36	66		
1/2/2017 19:16	60	3/2/2017 20:21	58	5/2/2017 9:26	61	5/2/2017 18:31	58	7/2/2017 19:36	58	9/2/2017 20:41	65		
1/2/2017 19:21	59	3/2/2017 20:26	58	5/2/2017 9:31	59	5/2/2017 18:36	57	7/2/2017 19:41	59	9/2/2017 20:			

Real-time Noise Data RTN2a (Hong Kong Electric Centre)

10/2/2017 19:56	58	12/2/2017 9:01	59	12/2/2017 18:06	57	14/2/2017 19:11	59	16/2/2017 20:16	57	18/2/2017 21:21	56
10/2/2017 20:01	58	12/2/2017 9:06	58	12/2/2017 18:11	57	14/2/2017 19:16	57	16/2/2017 20:21	60	18/2/2017 21:26	56
10/2/2017 20:06	59	12/2/2017 9:11	58	12/2/2017 18:16	60	14/2/2017 19:21	56	16/2/2017 20:26	59	18/2/2017 21:31	57
10/2/2017 20:11	59	12/2/2017 9:16	58	12/2/2017 18:21	57	14/2/2017 19:26	57	16/2/2017 20:31	58	18/2/2017 21:36	55
10/2/2017 20:16	60	12/2/2017 9:21	59	12/2/2017 18:26	57	14/2/2017 19:31	59	16/2/2017 20:36	56	18/2/2017 21:41	57
10/2/2017 20:21	60	12/2/2017 9:26	58	12/2/2017 18:31	58	14/2/2017 19:36	58	16/2/2017 20:41	60	18/2/2017 21:46	56
10/2/2017 20:26	64	12/2/2017 9:31	57	12/2/2017 18:36	58	14/2/2017 19:41	58	16/2/2017 20:46	57	18/2/2017 21:51	56
10/2/2017 20:31	67	12/2/2017 9:36	59	12/2/2017 18:41	58	14/2/2017 19:46	57	16/2/2017 20:51	57	18/2/2017 21:56	55
10/2/2017 20:36	68	12/2/2017 9:41	58	12/2/2017 18:46	59	14/2/2017 19:51	60	16/2/2017 20:56	56	18/2/2017 22:01	57
10/2/2017 20:41	65	12/2/2017 9:46	57	12/2/2017 18:51	56	14/2/2017 19:56	59	16/2/2017 21:01	58	18/2/2017 22:06	57
10/2/2017 20:46	65	12/2/2017 9:51	59	12/2/2017 18:56	57	14/2/2017 20:01	59	16/2/2017 21:06	56	18/2/2017 22:11	56
10/2/2017 20:51	61	12/2/2017 9:56	58	12/2/2017 19:01	57	14/2/2017 20:06	61	16/2/2017 21:11	55	18/2/2017 22:16	56
10/2/2017 20:56	56	12/2/2017 10:01	60	12/2/2017 19:06	59	14/2/2017 20:11	60	16/2/2017 21:16	56	18/2/2017 22:21	57
10/2/2017 21:01	57	12/2/2017 10:06	60	12/2/2017 19:11	57	14/2/2017 20:16	51	16/2/2017 21:21	59	18/2/2017 22:26	58
10/2/2017 21:06	56	12/2/2017 10:11	60	12/2/2017 19:16	58	14/2/2017 20:21	58	16/2/2017 21:26	57	18/2/2017 22:31	57
10/2/2017 21:11	59	12/2/2017 10:16	57	12/2/2017 19:21	56	14/2/2017 20:26	59	16/2/2017 21:31	57	18/2/2017 22:36	55
10/2/2017 21:16	57	12/2/2017 10:21	58	12/2/2017 19:26	57	14/2/2017 20:31	58	16/2/2017 21:36	61	18/2/2017 22:41	57
10/2/2017 21:21	61	12/2/2017 10:26	60	12/2/2017 19:31	56	14/2/2017 20:36	58	16/2/2017 21:41	57	18/2/2017 22:46	56
10/2/2017 21:26	59	12/2/2017 10:31	58	12/2/2017 19:36	58	14/2/2017 20:41	59	16/2/2017 21:46	57	18/2/2017 22:51	55
10/2/2017 21:31	57	12/2/2017 10:36	60	12/2/2017 19:41	57	14/2/2017 20:46	57	16/2/2017 21:51	56	18/2/2017 22:56	55
10/2/2017 21:36	65	12/2/2017 10:41	58	12/2/2017 19:46	57	14/2/2017 20:51	59	16/2/2017 21:56	60	19/2/2017 7:01	56
10/2/2017 21:41	67	12/2/2017 10:46	61	12/2/2017 19:51	57	14/2/2017 20:56	58	16/2/2017 22:01	59	19/2/2017 7:06	55
10/2/2017 21:46	65	12/2/2017 10:51	59	12/2/2017 19:56	53	14/2/2017 21:01	60	16/2/2017 22:06	58	19/2/2017 7:11	55
10/2/2017 21:51	66	12/2/2017 10:56	58	12/2/2017 20:01	56	14/2/2017 21:06	60	16/2/2017 22:11	57	19/2/2017 7:16	56
10/2/2017 21:56	65	12/2/2017 11:01	58	12/2/2017 20:06	57	14/2/2017 21:11	59	16/2/2017 22:16	59	19/2/2017 7:21	59
10/2/2017 22:01	50	12/2/2017 11:06	58	12/2/2017 20:11	57	14/2/2017 21:16	59	16/2/2017 22:21	58	19/2/2017 7:26	55
10/2/2017 22:06	62	12/2/2017 11:11	58	12/2/2017 20:16	61	14/2/2017 21:21	59	16/2/2017 22:26	57	19/2/2017 7:31	56
10/2/2017 22:11	58	12/2/2017 11:16	59	12/2/2017 20:21	57	14/2/2017 21:26	57	16/2/2017 22:31	58	19/2/2017 7:36	56
10/2/2017 22:16	60	12/2/2017 11:21	57	12/2/2017 20:26	58	14/2/2017 21:31	58	16/2/2017 22:36	57	19/2/2017 7:41	56
10/2/2017 22:21	58	12/2/2017 11:26	56	12/2/2017 20:31	56	14/2/2017 21:36	58	16/2/2017 22:41	57	19/2/2017 7:46	56
10/2/2017 22:26	57	12/2/2017 11:31	57	12/2/2017 20:36	58	14/2/2017 21:41	53	16/2/2017 22:46	59	19/2/2017 7:51	60
10/2/2017 22:31	58	12/2/2017 11:36	60	12/2/2017 20:41	55	14/2/2017 21:46	60	16/2/2017 22:51	56	19/2/2017 7:56	56
10/2/2017 22:36	60	12/2/2017 11:41	59	12/2/2017 20:46	56	14/2/2017 21:51	61	16/2/2017 22:56	56	19/2/2017 8:01	56
10/2/2017 22:41	56	12/2/2017 11:46	58	12/2/2017 20:51	56	14/2/2017 21:56	57	17/2/2017 19:01	60	19/2/2017 8:06	56
10/2/2017 22:46	60	12/2/2017 11:51	58	12/2/2017 20:56	60	14/2/2017 22:01	57	17/2/2017 19:06	60	19/2/2017 8:11	58
10/2/2017 22:51	57	12/2/2017 11:56	58	12/2/2017 21:01	58	14/2/2017 22:06	58	17/2/2017 19:11	58	19/2/2017 8:16	57
10/2/2017 22:56	57	12/2/2017 12:01	59	12/2/2017 21:06	58	14/2/2017 22:11	61	17/2/2017 19:16	58	19/2/2017 8:21	56
11/2/2017 19:01	60	12/2/2017 12:06	58	12/2/2017 21:11	56	14/2/2017 22:16	61	17/2/2017 19:21	57	19/2/2017 8:26	57
11/2/2017 19:06	57	12/2/2017 12:11	57	12/2/2017 21:16	57	14/2/2017 22:21	62	17/2/2017 19:26	58	19/2/2017 8:31	57
11/2/2017 19:11	58	12/2/2017 12:16	59	12/2/2017 21:21	57	14/2/2017 22:26	62	17/2/2017 19:31	57	19/2/2017 8:36	57
11/2/2017 19:16	65	12/2/2017 12:21	57	12/2/2017 21:26	58	14/2/2017 22:31	59	17/2/2017 19:36	58	19/2/2017 8:41	57
11/2/2017 19:21	62	12/2/2017 12:26	57	12/2/2017 21:31	57	14/2/2017 22:36	55	17/2/2017 19:41	58	19/2/2017 8:46	57
11/2/2017 19:26	65	12/2/2017 12:31	58	12/2/2017 21:36	55	14/2/2017 22:41	62	17/2/2017 19:46	57	19/2/2017 8:51	56
11/2/2017 19:31	65	12/2/2017 12:36	58	12/2/2017 21:41	55	14/2/2017 22:46	61	17/2/2017 19:51	57	19/2/2017 8:56	58
11/2/2017 19:36	64	12/2/2017 12:41	59	12/2/2017 21:46	55	14/2/2017 22:51	61	17/2/2017 19:56	57	19/2/2017 9:01	57
11/2/2017 19:41	60	12/2/2017 12:46	58	12/2/2017 21:51	56	14/2/2017 22:56	59	17/2/2017 20:01	57	19/2/2017 9:06	57
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11/2/2017 19:51	67	12/2/2017 12:56	61	12/2/2017 22:01	59	15/2/2017 19:06	62	17/2/2017 20:11	58	19/2/2017 9:16	58
11/2/2017 19:56	65	12/2/2017 13:01	58	12/2/2017 22:06	57	15/2/2017 19:11	63	17/2/2017 20:16	57	19/2/2017 9:21	57
11/2/2017 20:01	63	12/2/2017 13:06	58	12/2/2017 22:11	57	15/2/2017 19:16	57	17/2/2017 20:21	59	19/2/2017 9:26	58
11/2/2017 20:06	64	12/2/2017 13:11	57	12/2/2017 22:16	58	15/2/2017 19:21	52	17/2/2017 20:26	58	19/2/2017 9:31	58
11/2/2017 20:11	64	12/2/2017 13:16	59	12/2/2017 22:21	56	15/2/2017 19:26	58	17/2/2017 20:31	57	19/2/2017 9:36	57
11/2/2017 20:16	57	12/2/2017 13:21	57	12/2/2017 22:26	55	15/2/2017 19:31	58	17/2/2017 20:36	57	19/2/2017 9:41	57
11/2/2017 20:21	59	12/2/2017 13:26	57	12/2/2017 22:31	58	15/2/2017 19:36	58	17/2/2017 20:41	58	19/2/2017 9:46	58
11/2/2017 20:26	58	12/2/2017 13:31	59	12/2/2017 22:36	56	15/2/2017 19:41	58	17/2/2017 20:46	58	19/2/2017 9:51	58
11/2/2017 20:31	58	12/2/2017 13:36	59	12/2/2017 22:41	57	15/2/2017 19:46	57	17/2/2017 20:51	57	19/2/2017 9:56	57
11/2/2017 20:36	58	12/2/2017 13:41	58	12/2/2017 22:46	55	15/2/2017 19:51	59	17/2/2017 20:56	57	19/2/2017 10:01	57
11/2/2017 20:41	59	12/2/2017 13:46	60	12/2/2017 22:51	55	15/2/2017 19:56	57	17/2/2017 21:01	59	19/2/2017 10:06	58
11/2/2017 20:46	58	12/2/2017 13:51	57	12/2/2017 22:56	55	15/2/2017 20:01	58	17/2/2017 21:06	57	19/2/2017 10:11	57
11/2/2017 20:51	56	12/2/2017 13:56	59	13/2/2017 19:01	63	15/2/2017 20:06	58	17/2/2017 21:11	58	19/2/2017 10:16	57
11/2/2017 20:56	57	12/2/2017 14:01	59	13/2/2017 19:06	59	15/2/2017 20:11	60	17/2/2017 21:16	57	19/2/2017 10:21	58
11/2/2017 21:01	57	12/2/2017 14:06	61	13/2/2017 19:11	60	15/2/2017 20:16	57	17/2/2017 21:21	57	19/2/2017 10:26	57
11/2/2017 21:06	56	12/2/2017 14:11	59	13/2/2017 19:16	61	15/2/2017 20:21	58	17/2/2017 21:26	57	19/2/2017 10:31	58
11/2/2017 21:11	58	12/2/2017 14:16	59	13/2/2017 19:21	60	15/2/2017 20:26	59	17/2/2017 21:31	58	19/2/2017 10:36	59
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11/2/2017 21:26	57	12/2/2017 14:31	59	13/2/2017 19:36	59	15/2/2017 20:41	58	17/2/2017 21:46	58	19/2/2017 10:51	58
11/2/2017 21:31	58	12/2/2017 14:36	60	13/2/2017 19:41	58	15/2/2017 20:46	59	17/2/2017 21:51	56	19/2/2017 10:56	58
11/2/2017 21:36	60	12/2/2017 14:41	60	13/2/2017 19:46	58	15/2/2017 20:51	56	17/2/2017 21:56	57	19/2/2017 11:01	58
11/2/2017 21:41	58	12/2/2017 14:46	60	13/2/2017 19:51	61	15/2/2017 20:56	56	17/2/2017 22:01	59	19/2/2017 11:06	59
11/2/2017 21:46	58	12/2/2017 14:51	59	13/2/2017 19:56	57	15/2/2017 21:01	57	17/2/2017 22:06	56	19/2/2017 11:11	57
11/2/2017 21:51	58	12/2/2017 14:56	58	13/2/2017 20:01	58	15/2/2017 21:06	56	17/2/2017 22:11	58	19/2/2017 11:16	57
11/2/2017 21:56	58	12/2/2017 15:01	58	13/2/2017 20:06	58	15/2/2017 21:11	56	17/2/2017 22:16	56	19/2/2017 11:21	59
11/2/2017 22:01	57	12/2/2017 15:06	57	13/2/2017 20:11	52	15/2/2017 21:16	56	17/2/2017 22:21	59	19/2/2017 11:26	57
11/2/2017 22:06	61	12/2/2017 15:11	58	13/2/2017 20:16	57</						

Real-time Noise Data		RTN2a (Hong Kong Electric Centre)	
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19/2/2017 14:36	56	20/2/2017 19:41	62
19/2/2017 14:41	57	20/2/2017 19:46	58
19/2/2017 14:46	57	20/2/2017 19:51	59
19/2/2017 14:51	56	20/2/2017 19:56	58
19/2/2017 14:56	57	20/2/2017 20:01	57
19/2/2017 15:01	57	20/2/2017 20:06	59
19/2/2017 15:06	57	20/2/2017 20:11	57
19/2/2017 15:11	57	20/2/2017 20:16	59
19/2/2017 15:16	58	20/2/2017 20:21	58
19/2/2017 15:21	56	20/2/2017 20:26	57
19/2/2017 15:26	57	20/2/2017 20:31	58
19/2/2017 15:31	57	20/2/2017 20:36	56
19/2/2017 15:36	57	20/2/2017 20:41	57
19/2/2017 15:41	57	20/2/2017 20:46	58
19/2/2017 15:46	57	20/2/2017 20:51	59
19/2/2017 15:51	58	20/2/2017 20:56	57
19/2/2017 15:56	57	20/2/2017 21:01	60
19/2/2017 16:01	57	20/2/2017 21:06	55
19/2/2017 16:06	58	20/2/2017 21:11	58
19/2/2017 16:11	57	20/2/2017 21:16	57
19/2/2017 16:16	58	20/2/2017 21:21	58
19/2/2017 16:21	57	20/2/2017 21:26	56
19/2/2017 16:26	60	20/2/2017 21:31	56
19/2/2017 16:31	58	20/2/2017 21:36	56
19/2/2017 16:36	57	20/2/2017 21:41	55
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19/2/2017 16:46	57	20/2/2017 21:51	57
19/2/2017 16:51	58	20/2/2017 21:56	56
19/2/2017 16:56	58	20/2/2017 22:01	56
19/2/2017 17:01	56	20/2/2017 22:06	56
19/2/2017 17:06	57	20/2/2017 22:11	57
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19/2/2017 17:16	57	20/2/2017 22:21	56
19/2/2017 17:21	56	20/2/2017 22:26	59
19/2/2017 17:26	58	20/2/2017 22:31	57
19/2/2017 17:31	57	20/2/2017 22:36	58
19/2/2017 17:36	58	20/2/2017 22:41	55
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19/2/2017 17:46	58	20/2/2017 22:51	55
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19/2/2017 17:56	57	21/2/2017 19:01	58
19/2/2017 18:01	57	21/2/2017 19:06	57
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19/2/2017 18:11	58	21/2/2017 19:16	56
19/2/2017 18:16	58	21/2/2017 19:21	56
19/2/2017 18:21	57	21/2/2017 19:26	57
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19/2/2017 18:31	57	21/2/2017 19:36	57
19/2/2017 18:36	56	21/2/2017 19:41	56
19/2/2017 18:41	56	21/2/2017 19:46	56
19/2/2017 18:46	57	21/2/2017 19:51	57
19/2/2017 18:51	56	21/2/2017 19:56	57
19/2/2017 18:56	56	21/2/2017 20:01	56
19/2/2017 19:01	56	21/2/2017 20:06	56
19/2/2017 19:06	56	21/2/2017 20:11	58
19/2/2017 19:11	56	21/2/2017 20:16	57
19/2/2017 19:16	56	21/2/2017 20:21	59
19/2/2017 19:21	59	21/2/2017 20:26	58
19/2/2017 19:26	56	21/2/2017 20:31	57
19/2/2017 19:31	55	21/2/2017 20:36	56
19/2/2017 19:36	56	21/2/2017 20:41	58
19/2/2017 19:41	55	21/2/2017 20:46	56
19/2/2017 19:46	58	21/2/2017 20:51	56
19/2/2017 19:51	57	21/2/2017 20:56	59
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19/2/2017 20:01	58	21/2/2017 21:06	60
19/2/2017 20:06	58	21/2/2017 21:11	59
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19/2/2017 20:16	56	21/2/2017 21:21	58
19/2/2017 20:21	57	21/2/2017 21:26	59
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19/2/2017 20:41	59	21/2/2017 21:46	58
19/2/2017 20:46	56	21/2/2017 21:51	57
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19/2/2017 20:56	58	21/2/2017 22:01	56
19/2/2017 21:01	56	21/2/2017 22:06	56
19/2/2017 21:06	55	21/2/2017 22:11	58
19/2/2017 21:11	56	21/2/2017 22:16	57
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19/2/2017 21:21	56	21/2/2017 22:26	56
19/2/2017 21:26	58	21/2/2017 22:31	55
19/2/2017 21:31	57	21/2/2017 22:36	57
19/2/2017 21:36	56	21/2/2017 22:41	56
19/2/2017 21:41	59	21/2/2017 22:46	57
19/2/2017 21:46	56	21/2/2017 22:51	56
19/2/2017 21:51	55	21/2/2017 22:56	55
19/2/2017 21:56	55	22/2/2017 19:01	58
19/2/2017 22:01	56	22/2/2017 19:06	57
19/2/2017 22:06	57	22/2/2017 19:11	57
19/2/2017 22:11	56	22/2/2017 19:16	59
19/2/2017 22:16	57	22/2/2017 19:21	58
19/2/2017 22:21	57	22/2/2017 19:26	56
19/2/2017 22:26	58	22/2/2017 19:31	57
19/2/2017 22:31	59	22/2/2017 19:36	58
19/2/2017 22:36	56	22/2/2017 19:41	57
19/2/2017 22:41	55	22/2/2017 19:46	58
19/2/2017 22:46	55	22/2/2017 19:51	57
19/2/2017 22:51	55	22/2/2017 19:56	57
19/2/2017 22:56	55	22/2/2017 20:01	59
20/2/2017 19:01	57	22/2/2017 20:06	58
20/2/2017 19:06	58	22/2/2017 20:11	58
20/2/2017 19:11	57	22/2/2017 20:16	58
20/2/2017 19:16	58	22/2/2017 20:21	57
20/2/2017 19:21	57	22/2/2017 20:26	57
20/2/2017 19:26	61	22/2/2017 20:31	56
20/2/2017 19:31	58	22/2/2017 20:36	56
20/2/2017 19:36	57	22/2/2017 20:41	57
20/2/2017 19:41	57	22/2/2017 20:46	59
20/2/2017 19:46	58	22/2/2017 20:51	57
20/2/2017 19:51	57	22/2/2017 20:56	56
20/2/2017 19:56	57	22/2/2017 21:01	60
20/2/2017 20:01	59	22/2/2017 21:06	55
20/2/2017 20:06	58	22/2/2017 21:11	58
20/2/2017 20:11	57	22/2/2017 21:16	57
20/2/2017 20:16	56	22/2/2017 21:21	56
20/2/2017 20:21	57	22/2/2017 21:26	57
20/2/2017 20:26	57	22/2/2017 21:31	56
20/2/2017 20:31	58	22/2/2017 21:36	56
20/2/2017 20:36	56	22/2/2017 21:41	57
20/2/2017 20:41	57	22/2/2017 21:46	58
20/2/2017 20:46	58	22/2/2017 21:51	57
20/2/2017 20:51	59	22/2/2017 21:56	58
20/2/2017 20:56	57	22/2/2017 22:01	56
20/2/2017 21:01	60	22/2/2017 22:06	56
20/2/2017 21:06	55	22/2/2017 22:11	58
20/2/2017 21:11	58	22/2/2017 22:16	59
20/2/2017 21:16	57	22/2/2017 22:21	56
20/2/2017 21:21	58	22/2/2017 22:26	61
20/2/2017 21:26	56	22/2/2017 22:31	57
20/2/2017 21:31	56	22/2/2017 22:36	57
20/2/2017 21:36	56	22/2/2017 22:41	58
20/2/2017 21:41	55	22/2/2017 22:46	59
20/2/2017 21:46	59	22/2/2017 22:51	56
20/2/2017 21:51	57	22/2/2017 22:56	55
20/2/2017 21:56	58	23/2/2017 19:01	58
20/2/2017 22:01	56	23/2/2017 19:06	58
20/2/2017 22:06	56	23/2/2017 19:11	57
20/2/2017 22:11	57	23/2/2017 19:16	56
20/2/2017 22:16	58	23/2/2017 19:21	56
20/2/2017 22:21	56	23/2/2017 19:26	56
20/2/2017 22:26	58	23/2/2017 19:31	56
20/2/2017 22:31	57	23/2/2017 19:36	57
20/2/2017 22:36	56	23/2/2017 19:41	56
20/2/2017 22:41	55	23/2/2017 19:46	55
20/2/2017 22:46	57	23/2/2017 19:51	56
20/2/2017 22:51	55	23/2/2017 19:56	58
20/2/2017 22:56	55	23/2/2017 20:01	57
20/2/2017 23:01	58	23/2/2017 20:06	56
20/2/2017 23:06	57	23/2/2017 20:11	56
20/2/2017 23:11	56	23/2/2017 20:16	57
20/2/2017 23:16	58	23/2/2017 20:21	56
20/2/2017 23:21	57	23/2/2017 20:26	55
20/2/2017 23:26	56	23/2/2017 20:31	55
20/2/2017 23:31	57	23/2/2017 20:36	56
20/2/2017 23:36	58	23/2/2017 20:41	56
20/2/2017 23:41	57	23/2/2017 20:46	55
20/2/2017 23:46	56	23/2/2017 20:51	55
20/2/2017 23:51	57	23/2/2017 20:56	55
20/2/2017 23:56	57	23/2/2017 21:01	56
21/2/2017 00:01	58	23/2/2017 21:06	55
21/2/2017 00:06	57	23/2/2017 21:11	55
21/2/2017 00:11	56	23/2/2017 21:16	55
21/2/2017 00:16	55	23/2/2017 21:21	56
21/2/2017 00:21	54	23/2/2017 21:26	56
21/2/2017 00:26	53	23/2/2017 21:31	58
21/2/2017 00:31	52	23/2/2017 21:36	56
21/2/2017 00:36	51	23/2/2017 21:41	58
21/2/2017 00:41	50	23/2/2017 21:46	55
21/2/2017 00:46	49	23/2/2017 21:51	55
21/2/2017 00:51	48	23/2/2017 21:56	56
21/2/2017 00:56	47	23/2/2017 22:01	56
21/2/2017 01:01	46	23/2/2017 22:06	57
21/2/2017 01:06	45	23/2/2017 22:11	57
21/2/2017 01:11	44	23/2/2017 22:16	56
21/2/2017 01:16	43	23/2/2017 22:21	57
21/2/2017 01:21	42	23/2/2017 22:26	56
21/2/2017 01:26	41	23/2/2017 22:31	56
21/2/2017 01:31	40	23/2/2017 22:36	56
21/2/2017 01:36	39	23/2/2017 22:41	56
21/2/2017 01:41	38	23/2/2017 22:46	55
21/2/2017 01:46	37	23/2/2017 22:51	55
21/2/2017 01:51	36	23/2/2017 22:56	57
21/2/2017 01:56	35	24/2/2017 19:01	57
21/2/2017 02:01	34	24/2/2017 19:06	57
21/2/2017 02:06	33	24/2/2017 19:11	58
21/2/2017 02:11	32	24/2/2017 19:16	57
21/2/2017 02:16	31	24/2/2017 19:21	56
21/2/2017 02:21	30	24/2/2017 19:26	57
21/2/2017 02:26	29	24/2/2017 19:31	57
21/2/2017 02:31	28	24/2/2017 19:36	57
21/2/2017 02:36	27	24/2/2017 19:41	58
21/2/2017 02:41	26	24/2/2017 19:46	56
21/2/2017 02:46	25	24/2/2017 19:51	56
21/2/2017 02:51	24	24/2/2017 19:56	57
21/2/2017 02:56	23	24/2/2017 20:01	58
21/2/2017 03:01	22	24/2/2017 20:06	58
21/2/2017 03:06	21	24/2/2017 20:11	57
21/2/2017 03:11	20	24/2/2017 20:16	59
21/2/2017 03:16	19	24/2/2017 20:21	56
21/2/2017 03:21	18	24/2/2017 20:26	57
21/2/2017 03:26	17	24/2/2017 20:31	57
21/2/2017 03:31	16	24/2/2017 20:36	60
21/2/2017 03:36	15	24/2/2017 20:41	57
21/2/2017 03:41	14	24/2/2017 20:46	59
21/2/2017 03:46			

Real-time Noise Data		RTN2a (Hong Kong Electric Centre)											
27/1/2017 5:41	53	28/1/2017 6:46	53	29/1/2017 23:51	56	31/1/2017 0:56	55	1/2/2017 2:01	53	2/2/2017 3:06	53		
27/1/2017 5:46	54	28/1/2017 6:51	53	29/1/2017 23:56	55	31/1/2017 1:01	55	1/2/2017 2:06	53	2/2/2017 3:11	52		
27/1/2017 5:51	54	28/1/2017 6:56	53	30/1/2017 0:01	55	31/1/2017 1:06	54	1/2/2017 2:11	52	2/2/2017 3:16	51		
27/1/2017 5:56	54	28/1/2017 23:01	58	30/1/2017 0:06	55	31/1/2017 1:11	54	1/2/2017 2:16	53	2/2/2017 3:21	52		
27/1/2017 6:01	53	28/1/2017 23:06	57	30/1/2017 0:11	54	31/1/2017 1:16	54	1/2/2017 2:21	53	2/2/2017 3:26	51		
27/1/2017 6:06	55	28/1/2017 23:11	56	30/1/2017 0:16	55	31/1/2017 1:21	54	1/2/2017 2:26	53	2/2/2017 3:31	52		
27/1/2017 6:11	54	28/1/2017 23:16	56	30/1/2017 0:21	54	31/1/2017 1:26	54	1/2/2017 2:31	52	2/2/2017 3:36	53		
27/1/2017 6:16	54	28/1/2017 23:21	56	30/1/2017 0:26	55	31/1/2017 1:31	54	1/2/2017 2:36	52	2/2/2017 3:41	52		
27/1/2017 6:21	55	28/1/2017 23:26	56	30/1/2017 0:31	54	31/1/2017 1:36	54	1/2/2017 2:41	52	2/2/2017 3:46	52		
27/1/2017 6:26	55	28/1/2017 23:31	56	30/1/2017 0:36	55	31/1/2017 1:41	54	1/2/2017 2:46	52	2/2/2017 3:51	51		
27/1/2017 6:31	55	28/1/2017 23:36	56	30/1/2017 0:41	54	31/1/2017 1:46	54	1/2/2017 2:51	52	2/2/2017 3:56	52		
27/1/2017 6:36	55	28/1/2017 23:41	55	30/1/2017 0:46	54	31/1/2017 1:51	53	1/2/2017 2:56	52	2/2/2017 4:01	53		
27/1/2017 6:41	55	28/1/2017 23:46	55	30/1/2017 0:51	54	31/1/2017 1:56	54	1/2/2017 3:01	52	2/2/2017 4:06	52		
27/1/2017 6:46	57	28/1/2017 23:51	56	30/1/2017 0:56	53	31/1/2017 2:01	54	1/2/2017 3:06	51	2/2/2017 4:11	52		
27/1/2017 6:51	56	28/1/2017 23:56	56	30/1/2017 1:01	54	31/1/2017 2:06	53	1/2/2017 3:11	52	2/2/2017 4:16	51		
27/1/2017 6:56	58	29/1/2017 0:01	56	30/1/2017 1:06	53	31/1/2017 2:11	54	1/2/2017 3:16	52	2/2/2017 4:21	52		
27/1/2017 23:01	51	29/1/2017 0:06	56	30/1/2017 1:11	54	31/1/2017 2:16	53	1/2/2017 3:21	51	2/2/2017 4:26	52		
27/1/2017 23:06	57	29/1/2017 0:11	55	30/1/2017 1:16	54	31/1/2017 2:21	53	1/2/2017 3:26	51	2/2/2017 4:31	52		
27/1/2017 23:11	57	29/1/2017 0:16	55	30/1/2017 1:21	54	31/1/2017 2:26	53	1/2/2017 3:31	51	2/2/2017 4:36	51		
27/1/2017 23:16	58	29/1/2017 0:21	55	30/1/2017 1:26	56	31/1/2017 2:31	53	1/2/2017 3:36	52	2/2/2017 4:41	52		
27/1/2017 23:21	57	29/1/2017 0:26	55	30/1/2017 1:31	53	31/1/2017 2:36	53	1/2/2017 3:41	51	2/2/2017 4:46	52		
27/1/2017 23:26	57	29/1/2017 0:31	55	30/1/2017 1:36	54	31/1/2017 2:41	52	1/2/2017 3:46	51	2/2/2017 4:51	51		
27/1/2017 23:31	56	29/1/2017 0:36	56	30/1/2017 1:41	55	31/1/2017 2:46	54	1/2/2017 3:51	51	2/2/2017 4:56	51		
27/1/2017 23:36	56	29/1/2017 0:41	55	30/1/2017 1:46	54	31/1/2017 2:51	53	1/2/2017 3:56	51	2/2/2017 5:01	53		
27/1/2017 23:41	56	29/1/2017 0:46	55	30/1/2017 1:51	52	31/1/2017 2:56	53	1/2/2017 4:01	51	2/2/2017 5:06	51		
27/1/2017 23:46	56	29/1/2017 0:51	54	30/1/2017 1:56	50	31/1/2017 3:01	52	1/2/2017 4:06	51	2/2/2017 5:11	52		
27/1/2017 23:51	56	29/1/2017 0:56	55	30/1/2017 2:01	54	31/1/2017 3:06	53	1/2/2017 4:11	52	2/2/2017 5:16	51		
27/1/2017 23:56	56	29/1/2017 1:01	53	30/1/2017 2:06	53	31/1/2017 3:11	53	1/2/2017 4:16	51	2/2/2017 5:21	52		
28/1/2017 0:01	55	29/1/2017 1:06	54	30/1/2017 2:11	53	31/1/2017 3:16	53	1/2/2017 4:21	53	2/2/2017 5:26	52		
28/1/2017 0:06	55	29/1/2017 1:11	54	30/1/2017 2:16	53	31/1/2017 3:21	53	1/2/2017 4:26	52	2/2/2017 5:31	53		
28/1/2017 0:11	55	29/1/2017 1:16	54	30/1/2017 2:21	52	31/1/2017 3:26	52	1/2/2017 4:31	53	2/2/2017 5:36	53		
28/1/2017 0:16	55	29/1/2017 1:21	55	30/1/2017 2:26	53	31/1/2017 3:31	53	1/2/2017 4:36	51	2/2/2017 5:41	53		
28/1/2017 0:21	55	29/1/2017 1:26	55	30/1/2017 2:31	54	31/1/2017 3:36	54	1/2/2017 4:41	52	2/2/2017 5:46	53		
28/1/2017 0:26	55	29/1/2017 1:31	53	30/1/2017 2:36	52	31/1/2017 3:41	52	1/2/2017 4:46	51	2/2/2017 5:51	52		
28/1/2017 0:31	55	29/1/2017 1:36	54	30/1/2017 2:41	52	31/1/2017 3:46	52	1/2/2017 4:51	51	2/2/2017 5:56	53		
28/1/2017 0:36	56	29/1/2017 1:41	53	30/1/2017 2:46	52	31/1/2017 3:51	52	1/2/2017 4:56	51	2/2/2017 6:01	53		
28/1/2017 0:41	55	29/1/2017 1:46	52	30/1/2017 2:51	52	31/1/2017 3:56	53	1/2/2017 5:01	52	2/2/2017 6:06	53		
28/1/2017 0:46	56	29/1/2017 1:51	54	30/1/2017 2:56	52	31/1/2017 4:01	51	1/2/2017 5:06	52	2/2/2017 6:11	54		
28/1/2017 0:51	56	29/1/2017 1:56	54	30/1/2017 3:01	52	31/1/2017 4:06	52	1/2/2017 5:11	51	2/2/2017 6:16	54		
28/1/2017 0:56	56	29/1/2017 2:01	54	30/1/2017 3:06	51	31/1/2017 4:11	52	1/2/2017 5:16	52	2/2/2017 6:21	54		
28/1/2017 1:01	54	29/1/2017 2:06	54	30/1/2017 3:11	52	31/1/2017 4:16	53	1/2/2017 5:21	52	2/2/2017 6:26	55		
28/1/2017 1:06	56	29/1/2017 2:11	53	30/1/2017 3:16	50	31/1/2017 4:21	52	1/2/2017 5:26	51	2/2/2017 6:31	54		
28/1/2017 1:11	55	29/1/2017 2:16	53	30/1/2017 3:21	51	31/1/2017 4:26	52	1/2/2017 5:31	52	2/2/2017 6:36	55		
28/1/2017 1:16	54	29/1/2017 2:21	53	30/1/2017 3:26	51	31/1/2017 4:31	52	1/2/2017 5:36	53	2/2/2017 6:41	54		
28/1/2017 1:21	55	29/1/2017 2:26	54	30/1/2017 3:31	52	31/1/2017 4:36	52	1/2/2017 5:41	52	2/2/2017 6:46	55		
28/1/2017 1:26	55	29/1/2017 2:31	54	30/1/2017 3:36	52	31/1/2017 4:41	52	1/2/2017 5:46	53	2/2/2017 6:51	55		
28/1/2017 1:31	55	29/1/2017 2:36	53	30/1/2017 3:41	51	31/1/2017 4:46	52	1/2/2017 5:51	54	2/2/2017 6:56	56		
28/1/2017 1:36	54	29/1/2017 2:41	52	30/1/2017 3:46	52	31/1/2017 4:51	52	1/2/2017 5:56	53	2/2/2017 23:01	56		
28/1/2017 1:41	54	29/1/2017 2:46	52	30/1/2017 3:51	52	31/1/2017 4:56	52	1/2/2017 6:01	51	2/2/2017 23:06	56		
28/1/2017 1:46	55	29/1/2017 2:51	53	30/1/2017 3:56	51	31/1/2017 5:01	51	1/2/2017 6:06	54	2/2/2017 23:11	57		
28/1/2017 1:51	54	29/1/2017 2:56	53	30/1/2017 4:01	51	31/1/2017 5:06	52	1/2/2017 6:11	53	2/2/2017 23:16	56		
28/1/2017 1:56	54	29/1/2017 3:01	53	30/1/2017 4:06	51	31/1/2017 5:11	52	1/2/2017 6:16	53	2/2/2017 23:21	57		
28/1/2017 2:01	55	29/1/2017 3:06	53	30/1/2017 4:11	52	31/1/2017 5:16	51	1/2/2017 6:21	54	2/2/2017 23:26	57		
28/1/2017 2:06	55	29/1/2017 3:11	51	30/1/2017 4:16	52	31/1/2017 5:21	52	1/2/2017 6:26	55	2/2/2017 23:31	56		
28/1/2017 2:11	54	29/1/2017 3:16	52	30/1/2017 4:21	52	31/1/2017 5:26	52	1/2/2017 6:31	54	2/2/2017 23:36	56		
28/1/2017 2:16	55	29/1/2017 3:21	51	30/1/2017 4:26	51	31/1/2017 5:31	52	1/2/2017 6:36	55	2/2/2017 23:41	57		
28/1/2017 2:21	55	29/1/2017 3:26	52	30/1/2017 4:31	51	31/1/2017 5:36	52	1/2/2017 6:41	55	2/2/2017 23:46	55		
28/1/2017 2:26	56	29/1/2017 3:31	51	30/1/2017 4:36	52	31/1/2017 5:41	52	1/2/2017 6:46	55	2/2/2017 23:51	55		
28/1/2017 2:31	54	29/1/2017 3:36	51	30/1/2017 4:41	52	31/1/2017 5:46	52	1/2/2017 6:51	56	2/2/2017 23:56	55		
28/1/2017 2:36	53	29/1/2017 3:41	52	30/1/2017 4:46	51	31/1/2017 5:51	52	1/2/2017 6:56	56	3/2/2017 0:01	56		
28/1/2017 2:41	54	29/1/2017 3:46	52	30/1/2017 4:51	51	31/1/2017 5:56	53	1/2/2017 23:01	61	3/2/2017 0:06	55		
28/1/2017 2:46	54	29/1/2017 3:51	51	30/1/2017 4:56	52	31/1/2017 6:01	52	1/2/2017 23:06	57	3/2/2017 0:11	56		
28/1/2017 2:51	54	29/1/2017 3:56	52	30/1/2017 5:01	51	31/1/2017 6:06	53	1/2/2017 23:11	58	3/2/2017 0:16	55		
28/1/2017 2:56	54	29/1/2017 4:01	51	30/1/2017 5:06	51	31/1/2017 6:11	53	1/2/2017 23:16	56	3/2/2017 0:21	55		
28/1/2017 3:01	54	29/1/2017 4:06	52	30/1/2017 5:11	51	31/1/2017 6:16	52	1/2/2017 23:21	56	3/2/2017 0:26	56		
28/1/2017 3:06	53	29/1/2017 4:11	52	30/1/2017 5:16	50	31/1/2017 6:21	53	1/2/2017 23:26	56	3/2/2017 0:31	55		
28/1/2017 3:11	54	29/1/2017 4:16	51	30/1/2017 5:21	51	31/1/2017 6:26	53	1/2/2017 23:31	63	3/2/2017 0:36	55		
28/1/2017 3:16	53	29/1/2017 4:21	51	30/1/2017 5:26	50	31/1/2017 6:31	54	1/2/2017 23:36	57	3/2/2017 0:41	55		
28/1/2017 3:21	55	29/1/2017 4:26	52	30/1/2017 5:31	53	31/1/2017 6:36	54	1/2/2017 23:41	52	3/2/2017 0:46	55		
28/1/2017 3:26	53	29/1/2017 4:31	52	30/1/2017 5:36	51	31/1/2017 6:41	54	1/2/2017 23:46	56	3/2/2017 0:51	54		
28/1/2017 3:31	53	29/1/2017 4:36	51	30/1/2017 5:41	52	31/1/2017 6:46	54	1/2/2017 23:51	56	3/2/2017 0:56	54		
28/1/2017 3:36	54	29/1/2017 4:41	52	30/1/2017 5:46	51	31/1/2017 6:51	55	1/2/2017 23:56	55	3/2/2017 1:01	54		
28/1/2017 3:41	53	29/1/2017 4:46	51	30/1/2017 5:51	52	31/1/2017 6:56	55						

Real-time Noise Data		RTN2a (Hong Kong Electric Centre)											
3/2/2017 4:11	52	4/2/2017 5:16	53	5/2/2017 6:21	55	6/2/2017 23:26	57	8/2/2017 0:31	56	9/2/2017 1:36	53		
3/2/2017 4:16	52	4/2/2017 5:21	53	5/2/2017 6:26	55	6/2/2017 23:31	57	8/2/2017 0:36	55	9/2/2017 1:41	53		
3/2/2017 4:21	52	4/2/2017 5:26	53	5/2/2017 6:31	55	6/2/2017 23:36	57	8/2/2017 0:41	60	9/2/2017 1:46	54		
3/2/2017 4:26	52	4/2/2017 5:31	53	5/2/2017 6:36	55	6/2/2017 23:41	57	8/2/2017 0:46	58	9/2/2017 1:51	54		
3/2/2017 4:31	52	4/2/2017 5:36	52	5/2/2017 6:41	55	6/2/2017 23:46	56	8/2/2017 0:51	57	9/2/2017 1:56	54		
3/2/2017 4:36	51	4/2/2017 5:41	52	5/2/2017 6:46	55	6/2/2017 23:51	57	8/2/2017 0:56	42	9/2/2017 2:01	54		
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3/2/2017 4:56	52	4/2/2017 6:01	53	5/2/2017 23:06	55	7/2/2017 0:11	56	8/2/2017 1:16	54	9/2/2017 2:21	53		
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3/2/2017 5:51	53	4/2/2017 6:56	57	6/2/2017 0:01	55	7/2/2017 1:06	55	8/2/2017 2:11	54	9/2/2017 3:16	52		
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3/2/2017 6:11	53	4/2/2017 23:16	56	6/2/2017 0:21	54	7/2/2017 1:26	55	8/2/2017 2:31	53	9/2/2017 3:36	53		
3/2/2017 6:16	54	4/2/2017 23:21	56	6/2/2017 0:26	54	7/2/2017 1:31	55	8/2/2017 2:36	53	9/2/2017 3:41	54		
3/2/2017 6:21	54	4/2/2017 23:26	55	6/2/2017 0:31	56	7/2/2017 1:36	55	8/2/2017 2:41	53	9/2/2017 3:46	54		
3/2/2017 6:26	55	4/2/2017 23:31	55	6/2/2017 0:36	54	7/2/2017 1:41	55	8/2/2017 2:46	53	9/2/2017 3:51	52		
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3/2/2017 6:41	55	4/2/2017 23:46	56	6/2/2017 0:51	55	7/2/2017 1:56	56	8/2/2017 3:01	53	9/2/2017 4:06	52		
3/2/2017 6:46	55	4/2/2017 23:51	56	6/2/2017 0:56	53	7/2/2017 2:01	55	8/2/2017 3:06	53	9/2/2017 4:11	51		
3/2/2017 6:51	57	4/2/2017 23:56	56	6/2/2017 1:01	54	7/2/2017 2:06	54	8/2/2017 3:11	52	9/2/2017 4:16	54		
3/2/2017 6:56	56	5/2/2017 0:01	55	6/2/2017 1:06	54	7/2/2017 2:11	55	8/2/2017 3:16	53	9/2/2017 4:21	53		
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4/2/2017 0:01	56	5/2/2017 1:06	55	6/2/2017 2:11	52	7/2/2017 3:16	54	8/2/2017 4:21	52	9/2/2017 5:26	56		
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4/2/2017 0:16	56	5/2/2017 1:21	54	6/2/2017 2:26	53	7/2/2017 3:31	54	8/2/2017 4:36	52	9/2/2017 5:41	53		
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4/2/2017 0:26	56	5/2/2017 1:31	55	6/2/2017 2:36	52	7/2/2017 3:41	52	8/2/2017 4:46	53	9/2/2017 5:51	54		
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4/2/2017 0:36	55	5/2/2017 1:41	55	6/2/2017 2:46	51	7/2/2017 3:51	54	8/2/2017 4:56	53	9/2/2017 6:01	53		
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4/2/2017 1:21	54	5/2/2017 2:26	54	6/2/2017 3:31	51	7/2/2017 4:36	54	8/2/2017 5:41	60	9/2/2017 6:46	55		
4/2/2017 1:26	55	5/2/2017 2:31	55	6/2/2017 3:36	51	7/2/2017 4:41	55	8/2/2017 5:46	54	9/2/2017 6:51	56		
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4/2/2017 1:36	56	5/2/2017 2:41	53	6/2/2017 3:46	50	7/2/2017 4:51	55	8/2/2017 5:56	54	9/2/2017 23:01	56		
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4/2/2017 1:46	55	5/2/2017 2:51	54	6/2/2017 3:56	51	7/2/2017 5:01	53	8/2/2017 6:06	55	9/2/2017 23:11	57		
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4/2/2017 2:01	54	5/2/2017 3:06	53	6/2/2017 4:11	51	7/2/2017 5:16	53	8/2/2017 6:21	55	9/2/2017 23:26	55		
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4/2/2017 2:11	54	5/2/2017 3:16	57	6/2/2017 4:21	51	7/2/2017 5:26	54	8/2/2017 6:31	56	9/2/2017 23:36	55		
4/2/2017 2:16	55	5/2/2017 3:21	53	6/2/2017 4:26	51	7/2/2017 5:31	53	8/2/2017 6:36	55	9/2/2017 23:41	55		
4/2/2017 2:21	54	5/2/2017 3:26	53	6/2/2017 4:31									

Real-time Noise Data		RTN2a (Hong Kong Electric Centre)									
10/2/2017 2:41	53	11/2/2017 3:46	54	12/2/2017 4:51	55	13/2/2017 5:56	52	14/2/2017 23:01	42	16/2/2017 0:06	54
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10/2/2017 2:51	52	11/2/2017 3:56	54	12/2/2017 5:01	55	13/2/2017 6:06	52	14/2/2017 23:11	56	16/2/2017 0:16	55
10/2/2017 2:56	52	11/2/2017 4:01	55	12/2/2017 5:06	54	13/2/2017 6:11	54	14/2/2017 23:16	57	16/2/2017 0:21	55
10/2/2017 3:01	53	11/2/2017 4:06	53	12/2/2017 5:11	56	13/2/2017 6:16	53	14/2/2017 23:21	56	16/2/2017 0:26	54
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10/2/2017 3:11	52	11/2/2017 4:16	52	12/2/2017 5:21	55	13/2/2017 6:26	55	14/2/2017 23:31	55	16/2/2017 0:36	54
10/2/2017 3:16	52	11/2/2017 4:21	53	12/2/2017 5:26	55	13/2/2017 6:31	53	14/2/2017 23:36	57	16/2/2017 0:41	54
10/2/2017 3:21	52	11/2/2017 4:26	53	12/2/2017 5:31	55	13/2/2017 6:36	55	14/2/2017 23:41	52	16/2/2017 0:46	54
10/2/2017 3:26	51	11/2/2017 4:31	52	12/2/2017 5:36	54	13/2/2017 6:41	54	14/2/2017 23:46	56	16/2/2017 0:51	55
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10/2/2017 3:36	52	11/2/2017 4:41	52	12/2/2017 5:46	56	13/2/2017 6:51	58	14/2/2017 23:56	55	16/2/2017 1:01	53
10/2/2017 3:41	52	11/2/2017 4:46	52	12/2/2017 5:51	56	13/2/2017 6:56	58	15/2/2017 0:01	55	16/2/2017 1:06	54
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10/2/2017 5:41	56	11/2/2017 6:46	55	12/2/2017 23:51	54	14/2/2017 0:56	55	15/2/2017 2:01	52	16/2/2017 3:06	53
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10/2/2017 6:41	55	11/2/2017 23:46	55	13/2/2017 0:51	54	14/2/2017 1:56	53	15/2/2017 3:01	52	16/2/2017 4:06	52
10/2/2017 6:46	55	11/2/2017 23:51	55	13/2/2017 0:56	53	14/2/2017 2:01	52	15/2/2017 3:06	52	16/2/2017 4:11	52
10/2/2017 6:51	57	11/2/2017 23:56	55	13/2/2017 1:01	54	14/2/2017 2:06	52	15/2/2017 3:11	52	16/2/2017 4:16	53
10/2/2017 6:56	57	12/2/2017 0:01	55	13/2/2017 1:06	54	14/2/2017 2:11	54	15/2/2017 3:16	52	16/2/2017 4:21	52
10/2/2017 23:01	57	12/2/2017 0:06	55	13/2/2017 1:11	52	14/2/2017 2:16	54	15/2/2017 3:21	52	16/2/2017 4:26	52
10/2/2017 23:06	56	12/2/2017 0:11	55	13/2/2017 1:16	52	14/2/2017 2:21	53	15/2/2017 3:26	52	16/2/2017 4:31	52
10/2/2017 23:11	56	12/2/2017 0:16	54	13/2/2017 1:21	54	14/2/2017 2:26	53	15/2/2017 3:31	52	16/2/2017 4:36	52
10/2/2017 23:16	56	12/2/2017 0:21	54	13/2/2017 1:26	53	14/2/2017 2:31	54	15/2/2017 3:36	52	16/2/2017 4:41	51
10/2/2017 23:21	56	12/2/2017 0:26	54	13/2/2017 1:31	54	14/2/2017 2:36	53	15/2/2017 3:41	52	16/2/2017 4:46	52
10/2/2017 23:26	56	12/2/2017 0:31	54	13/2/2017 1:36	52	14/2/2017 2:41	54	15/2/2017 3:46	50	16/2/2017 4:51	53
10/2/2017 23:31	55	12/2/2017 0:36	55	13/2/2017 1:41	53	14/2/2017 2:46	54	15/2/2017 3:51	51	16/2/2017 4:56	53
10/2/2017 23:36	55	12/2/2017 0:41	55	13/2/2017 1:46	52	14/2/2017 2:51	53	15/2/2017 3:56	52	16/2/2017 5:01	54
10/2/2017 23:41	56	12/2/2017 0:46	54	13/2/2017 1:51	53	14/2/2017 2:56	54	15/2/2017 4:01	52	16/2/2017 5:06	53
10/2/2017 23:46	56	12/2/2017 0:51	54	13/2/2017 1:56	54	14/2/2017 3:01	53	15/2/2017 4:06	50	16/2/2017 5:11	52
10/2/2017 23:51	56	12/2/2017 0:56	53	13/2/2017 2:01	52	14/2/2017 3:06	53	15/2/2017 4:11	51	16/2/2017 5:16	52
10/2/2017 23:56	55	12/2/2017 1:01	53	13/2/2017 2:06	54	14/2/2017 3:11	52	15/2/2017 4:16	51	16/2/2017 5:21	52
11/2/2017 0:01	55	12/2/2017 1:06	54	13/2/2017 2:11	51	14/2/2017 3:16	52	15/2/2017 4:21	51	16/2/2017 5:26	53
11/2/2017 0:06	55	12/2/2017 1:11	54	13/2/2017 2:16	54	14/2/2017 3:21	51	15/2/2017 4:26	51	16/2/2017 5:31	53
11/2/2017 0:11	55	12/2/2017 1:16	55	13/2/2017 2:21	51	14/2/2017 3:26	52	15/2/2017 4:31	52	16/2/2017 5:36	52
11/2/2017 0:16	55	12/2/2017 1:21	55	13/2/2017 2:26	51	14/2/2017 3:31	50	15/2/2017 4:36	50	16/2/2017 5:41	55
11/2/2017 0:21	55	12/2/2017 1:26	55	13/2/2017 2:31	51	14/2/2017 3:36	53	15/2/2017 4:41	51	16/2/2017 5:46	52
11/2/2017 0:26	55	12/2/2017 1:31	54	13/2/2017 2:36	50	14/2/2017 3:41	53	15/2/2017 4:46	50	16/2/2017 5:51	52
11/2/2017 0:31	56	12/2/2017 1:36	55	13/2/2017 2:41	50	14/2/2017 3:46	54	15/2/2017 4:51	52	16/2/2017 5:56	53
11/2/2017 0:36	54	12/2/2017 1:41	55	13/2/2017 2:46	51	14/2/2017 3:51	52	15/2/2017 4:56	54	16/2/2017 6:01	52
11/2/2017 0:41	54	12/2/2017 1:46	55	13/2/2017 2:51	54	14/2/2017 3:56	53	15/2/2017 5:01	58	16/2/2017 6:06	53
11/2/2017 0:46	55	12/2/2017 1:51	55	13/2/2017 2:56	49	14/2/2017 4:01	52	15/2/2017 5:06	52	16/2/2017 6:11	54
11/2/2017 0:51	54	12/2/2017 1:56	56	13/2/2017 3:01	51	14/2/2017 4:06	52	15/2/2017 5:11	51	16/2/2017 6:16	53
11/2/2017 0:56	54	12/2/2017 2:01	55	13/2/2017 3:							

Real-time Noise Data		RTN2a (Hong Kong Electric Centre)	
17/2/2017 1:11	54	18/2/2017 2:16	54
17/2/2017 1:16	53	18/2/2017 2:21	54
17/2/2017 1:21	53	18/2/2017 2:26	54
17/2/2017 1:26	54	18/2/2017 2:31	53
17/2/2017 1:31	55	18/2/2017 2:36	53
17/2/2017 1:36	54	18/2/2017 2:41	54
17/2/2017 1:41	54	18/2/2017 2:46	54
17/2/2017 1:46	54	18/2/2017 2:51	54
17/2/2017 1:51	54	18/2/2017 2:56	55
17/2/2017 1:56	54	18/2/2017 3:01	49
17/2/2017 2:01	54	18/2/2017 3:06	54
17/2/2017 2:06	54	18/2/2017 3:11	54
17/2/2017 2:11	54	18/2/2017 3:16	55
17/2/2017 2:16	53	18/2/2017 3:21	53
17/2/2017 2:21	54	18/2/2017 3:26	53
17/2/2017 2:26	54	18/2/2017 3:31	53
17/2/2017 2:31	54	18/2/2017 3:36	53
17/2/2017 2:36	53	18/2/2017 3:41	53
17/2/2017 2:41	54	18/2/2017 3:46	53
17/2/2017 2:46	54	18/2/2017 3:51	51
17/2/2017 2:51	52	18/2/2017 3:56	53
17/2/2017 2:56	54	18/2/2017 4:01	52
17/2/2017 3:01	52	18/2/2017 4:06	52
17/2/2017 3:06	53	18/2/2017 4:11	52
17/2/2017 3:11	52	18/2/2017 4:16	51
17/2/2017 3:16	51	18/2/2017 4:21	52
17/2/2017 3:21	52	18/2/2017 4:26	52
17/2/2017 3:26	52	18/2/2017 4:31	52
17/2/2017 3:31	52	18/2/2017 4:36	51
17/2/2017 3:36	52	18/2/2017 4:41	52
17/2/2017 3:41	51	18/2/2017 4:46	52
17/2/2017 3:46	53	18/2/2017 4:51	52
17/2/2017 3:51	51	18/2/2017 4:56	52
17/2/2017 3:56	52	18/2/2017 5:01	53
17/2/2017 4:01	53	18/2/2017 5:06	52
17/2/2017 4:06	52	18/2/2017 5:11	53
17/2/2017 4:11	53	18/2/2017 5:16	54
17/2/2017 4:16	52	18/2/2017 5:21	53
17/2/2017 4:21	52	18/2/2017 5:26	54
17/2/2017 4:26	54	18/2/2017 5:31	52
17/2/2017 4:31	53	18/2/2017 5:36	52
17/2/2017 4:36	53	18/2/2017 5:41	52
17/2/2017 4:41	52	18/2/2017 5:46	53
17/2/2017 4:46	52	18/2/2017 5:51	53
17/2/2017 4:51	54	18/2/2017 5:56	54
17/2/2017 4:56	52	18/2/2017 6:01	52
17/2/2017 5:01	51	18/2/2017 6:06	54
17/2/2017 5:06	53	18/2/2017 6:11	54
17/2/2017 5:11	53	18/2/2017 6:16	54
17/2/2017 5:16	59	18/2/2017 6:21	54
17/2/2017 5:21	68	18/2/2017 6:26	55
17/2/2017 5:26	67	18/2/2017 6:31	54
17/2/2017 5:31	60	18/2/2017 6:36	53
17/2/2017 5:36	56	18/2/2017 6:41	54
17/2/2017 5:41	65	18/2/2017 6:46	55
17/2/2017 5:46	52	18/2/2017 6:51	55
17/2/2017 5:51	53	18/2/2017 6:56	56
17/2/2017 5:56	54	18/2/2017 7:01	57
17/2/2017 6:01	54	18/2/2017 7:06	56
17/2/2017 6:06	54	18/2/2017 7:11	56
17/2/2017 6:11	55	18/2/2017 7:16	56
17/2/2017 6:16	55	18/2/2017 7:21	55
17/2/2017 6:21	56	18/2/2017 7:26	55
17/2/2017 6:26	55	18/2/2017 7:31	55
17/2/2017 6:31	55	18/2/2017 7:36	55
17/2/2017 6:36	55	18/2/2017 7:41	55
17/2/2017 6:41	56	18/2/2017 7:46	54
17/2/2017 6:46	57	18/2/2017 7:51	55
17/2/2017 6:51	57	18/2/2017 7:56	55
17/2/2017 6:56	60	19/2/2017 0:01	55
17/2/2017 7:01	57	19/2/2017 0:06	54
17/2/2017 7:06	57	19/2/2017 0:11	56
17/2/2017 7:11	55	19/2/2017 0:16	56
17/2/2017 7:16	55	19/2/2017 0:21	54
17/2/2017 7:21	56	19/2/2017 0:26	54
17/2/2017 7:26	56	19/2/2017 0:31	54
17/2/2017 7:31	55	19/2/2017 0:36	54
17/2/2017 7:36	55	19/2/2017 0:41	54
17/2/2017 7:41	55	19/2/2017 0:46	53
17/2/2017 7:46	57	19/2/2017 0:51	53
17/2/2017 7:51	57	19/2/2017 0:56	53
17/2/2017 7:56	60	19/2/2017 1:01	52
18/2/2017 0:01	54	19/2/2017 1:06	53
18/2/2017 0:06	55	19/2/2017 1:11	52
18/2/2017 0:11	54	19/2/2017 1:16	52
18/2/2017 0:16	55	19/2/2017 1:21	54
18/2/2017 0:21	54	19/2/2017 1:26	52
18/2/2017 0:26	54	19/2/2017 1:31	52
18/2/2017 0:31	54	19/2/2017 1:36	52
18/2/2017 0:36	54	19/2/2017 1:41	52
18/2/2017 0:41	54	19/2/2017 1:46	52
18/2/2017 0:46	54	19/2/2017 1:51	51
18/2/2017 0:51	55	19/2/2017 1:56	52
18/2/2017 0:56	54	19/2/2017 2:01	51
18/2/2017 1:01	55	19/2/2017 2:06	51
18/2/2017 1:06	54	19/2/2017 2:11	52
18/2/2017 1:11	54	19/2/2017 2:16	50
18/2/2017 1:16	55	19/2/2017 2:21	51
18/2/2017 1:21	55	19/2/2017 2:26	52
18/2/2017 1:26	54	19/2/2017 2:31	51
18/2/2017 1:31	54	19/2/2017 2:36	51
18/2/2017 1:36	54	19/2/2017 2:41	51
18/2/2017 1:41	54	19/2/2017 2:46	51
18/2/2017 1:46	53	19/2/2017 2:51	50
18/2/2017 1:51	54	19/2/2017 2:56	49
18/2/2017 1:56	54	19/2/2017 3:01	49
18/2/2017 2:01	55	19/2/2017 3:06	50
18/2/2017 2:06	54	19/2/2017 3:11	50
18/2/2017 2:11	53	19/2/2017 3:16	50
18/2/2017 2:16	54	19/2/2017 3:21	50
18/2/2017 2:21	54	19/2/2017 3:26	51
18/2/2017 2:26	53	19/2/2017 3:31	50
18/2/2017 2:31	54	19/2/2017 3:36	50
18/2/2017 2:36	54	19/2/2017 3:41	49
18/2/2017 2:41	53	19/2/2017 3:46	51
18/2/2017 2:46	53	19/2/2017 3:51	51
18/2/2017 2:51	53	19/2/2017 3:56	51
18/2/2017 2:56	53	20/2/2017 4:01	50
18/2/2017 3:01	54	20/2/2017 4:06	52
18/2/2017 3:06	52	20/2/2017 4:11	51
18/2/2017 3:11	53	20/2/2017 4:16	51
18/2/2017 3:16	55	20/2/2017 4:21	51
18/2/2017 3:21	55	20/2/2017 4:26	52
18/2/2017 3:26	54	20/2/2017 4:31	52
18/2/2017 3:31	54	20/2/2017 4:36	51
18/2/2017 3:36	53	20/2/2017 4:41	51
18/2/2017 3:41	53	20/2/2017 4:46	52
18/2/2017 3:46	53	20/2/2017 4:51	53
18/2/2017 3:51	53	20/2/2017 4:56	51
18/2/2017 3:56	53	20/2/2017 5:01	51
18/2/2017 4:01	53	20/2/2017 5:06	51
18/2/2017 4:06	53	20/2/2017 5:11	51
18/2/2017 4:11	53	20/2/2017 5:16	51
18/2/2017 4:16	53	20/2/2017 5:21	50
18/2/2017 4:21	53	20/2/2017 5:26	52
18/2/2017 4:26	54	20/2/2017 5:31	52
18/2/2017 4:31	53	20/2/2017 5:36	52
18/2/2017 4:36	53	20/2/2017 5:41	52
18/2/2017 4:41	52	20/2/2017 5:46	52
18/2/2017 4:46	52	20/2/2017 5:51	52
18/2/2017 4:51	54	20/2/2017 5:56	52
18/2/2017 4:56	52	20/2/2017 6:01	51
18/2/2017 5:01	51	20/2/2017 6:06	53
18/2/2017 5:06	53	20/2/2017 6:11	52
18/2/2017 5:11	53	20/2/2017 6:16	53
18/2/2017 5:16	59	20/2/2017 6:21	54
18/2/2017 5:21	68	20/2/2017 6:26	54
18/2/2017 5:26	67	20/2/2017 6:31	54
18/2/2017 5:31	60	20/2/2017 6:36	54
18/2/2017 5:36	56	20/2/2017 6:41	56
18/2/2017 5:41	65	20/2/2017 6:46	54
18/2/2017 5:46	52	20/2/2017 6:51	55
18/2/2017 5:51	53	20/2/2017 6:56	54
18/2/2017 5:56	54	20/2/2017 7:01	54
18/2/2017 6:01	54	20/2/2017 7:06	54
18/2/2017 6:06	54	20/2/2017 7:11	55
18/2/2017 6:11	55	20/2/2017 7:16	55
18/2/2017 6:16	55	20/2/2017 7:21	55
18/2/2017 6:21	56	20/2/2017 7:26	54
18/2/2017 6:26	55	20/2/2017 7:31	54
18/2/2017 6:31	55	20/2/2017 7:36	54
18/2/2017 6:36	55	20/2/2017 7:41	54
18/2/2017 6:41	56	20/2/2017 7:46	54
18/2/2017 6:46	57	20/2/2017 7:51	54
18/2/2017 6:51	57	20/2/2017 7:56	54
18/2/2017 6:56	60	20/2/2017 8:01	54
18/2/2017 7:01	57	20/2/2017 8:06	54
18/2/2017 7:06	57	20/2/2017 8:11	54
18/2/2017 7:11	55	20/2/2017 8:16	54
18/2/2017 7:16	55	20/2/2017 8:21	54
18/2/2017 7:21	56	20/2/2017 8:26	54
18/2/2017 7:26	56	20/2/2017 8:31	54
18/2/2017 7:31	55	20/2/2017 8:36	54
18/2/2017 7:36	55	20/2/2017 8:41	54
18/2/2017 7:41	56	20/2/2017 8:46	54
18/2/2017 7:46	57	20/2/2017 8:51	54
18/2/2017 7:51	57	20/2/2017 8:56	54
18/2/2017 7:56	60	20/2/2017 9:01	54
18/2/2017 8:01	57	20/2/2017 9:06	54
18/2/2017 8:06	57	20/2/2017 9:11	54
18/2/2017 8:11	55	20/2/2017 9:16	54
18/2/2017 8:16	55	20/2/2017 9:21	54
18/2/2017 8:21	56	20/2/2017 9:26	54
18/2/2017 8:26	56	20/2/2017 9:31	54
18/2/2017 8:31	55	20/2/2017 9:36	54
18/2/2017 8:36	55	20/2/2017 9:41	54
18/2/2017 8:41	56	20/2/2017 9:46	54
18/2/2017 8:46	57	20/2/2017 9:51	54
18/2/2017 8:51	57	20/2/2017 9:56	54
18/2/2017 8:56	60	20/2/2017 10:01	54
18/2/2017 9:01	57	20/2/2017 10:06	54
18/2/2017 9:06	57	20/2/2017 10:11	54
18/2/2017 9:11	55	20/2/2017 10:16	54
18/2/2017 9:16	55	20/2/2017 10:21	54
18/2/2017 9:21	56	20/2/2017 10:26	54
18/2/2017 9:26	56	20/2/2017 10:31	54
18/2/2017 9:31	55	20/2/2017 10:36	54
18/2/2017 9:36	55	20/2/2017 10:41	54
18/2/2017 9:41	56	20/2/2017 10:46	54
18/2/2017 9:46	57	20/2/2017 10:51	54
18/2/2017 9:51	57	20/2/2017 10:56	54
18/2/2017 9:56	60	20/2/2017 11:01	54
18/2/2017 10:01	57	20/2/2017 11:06	54
18/2/2017 10:06	57	20/2/2017 11:11	54
18/2/2017 10:11	55	20/2/2017 11:16	54
18/2/2017 10:16	55	20/2/2017 11:21	54
18/2/2017 10:21	54	20/2/2017 11:26	54
18/2/2017 10:26	54	20/2/2017 11:31	54
18/2/2017 10:31	54	20/2/2017 11:36	54
18/2/2017 10:36	54	20/2/2017 11:41	54
18/2/2017 10:41	54	20/2/2017 11:46	54
18/2/2017 10:46	54	20/2/2017 11:51	54
18/2/2017 10:51	54	20/2/2017 11:56	54
18/2/2017 10:56	54	20/2/2017 12:01	54
18/2/2017 11:01	54	20/2/2017 12:06	54

Real-time Noise Data		RTN2a (Hong Kong Electric Centre)	
23/2/2017 23:41	55	25/2/2017 0:46	54
23/2/2017 23:46	55	25/2/2017 0:51	53
23/2/2017 23:51	54	25/2/2017 0:56	54
23/2/2017 23:56	55	25/2/2017 1:01	54
24/2/2017 0:01	54	25/2/2017 1:06	53
24/2/2017 0:06	54	25/2/2017 1:11	54
24/2/2017 0:11	54	25/2/2017 1:16	53
24/2/2017 0:16	54	25/2/2017 1:21	55
24/2/2017 0:21	54	25/2/2017 1:26	54
24/2/2017 0:26	53	25/2/2017 1:31	54
24/2/2017 0:31	53	25/2/2017 1:36	53
24/2/2017 0:36	53	25/2/2017 1:41	53
24/2/2017 0:41	53	25/2/2017 1:46	53
24/2/2017 0:46	53	25/2/2017 1:51	54
24/2/2017 0:51	54	25/2/2017 1:56	53
24/2/2017 0:56	53	25/2/2017 2:01	55
24/2/2017 1:01	54	25/2/2017 2:06	54
24/2/2017 1:06	55	25/2/2017 2:11	53
24/2/2017 1:11	52	25/2/2017 2:16	52
24/2/2017 1:16	53	25/2/2017 2:21	53
24/2/2017 1:21	53	25/2/2017 2:26	53
24/2/2017 1:26	53	25/2/2017 2:31	53
24/2/2017 1:31	53	25/2/2017 2:36	52
24/2/2017 1:36	52	25/2/2017 2:41	51
24/2/2017 1:41	53	25/2/2017 2:46	53
24/2/2017 1:46	52	25/2/2017 2:51	53
24/2/2017 1:51	53	25/2/2017 2:56	52
24/2/2017 1:56	53	25/2/2017 3:01	50
24/2/2017 2:01	52	25/2/2017 3:06	52
24/2/2017 2:06	51	25/2/2017 3:11	52
24/2/2017 2:11	52	25/2/2017 3:16	51
24/2/2017 2:16	52	25/2/2017 3:21	51
24/2/2017 2:21	51	25/2/2017 3:26	52
24/2/2017 2:26	52	25/2/2017 3:31	53
24/2/2017 2:31	51	25/2/2017 3:36	52
24/2/2017 2:36	51	25/2/2017 3:41	51
24/2/2017 2:41	52	25/2/2017 3:46	52
24/2/2017 2:46	51	25/2/2017 3:51	51
24/2/2017 2:51	51	25/2/2017 3:56	51
24/2/2017 2:56	52	25/2/2017 4:01	51
24/2/2017 3:01	51	25/2/2017 4:06	51
24/2/2017 3:06	52	25/2/2017 4:11	52
24/2/2017 3:11	54	25/2/2017 4:16	51
24/2/2017 3:16	52	25/2/2017 4:21	52
24/2/2017 3:21	51	25/2/2017 4:26	51
24/2/2017 3:26	54	25/2/2017 4:31	52
24/2/2017 3:31	50	25/2/2017 4:36	51
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24/2/2017 3:41	50	25/2/2017 4:46	51
24/2/2017 3:46	50	25/2/2017 4:51	52
24/2/2017 3:51	51	25/2/2017 4:56	51
24/2/2017 3:56	51	25/2/2017 5:01	52
24/2/2017 4:01	51	25/2/2017 5:06	52
24/2/2017 4:06	50	25/2/2017 5:11	50
24/2/2017 4:11	51	25/2/2017 5:16	51
24/2/2017 4:16	51	25/2/2017 5:21	51
24/2/2017 4:21	52	25/2/2017 5:26	52
24/2/2017 4:26	53	25/2/2017 5:31	51
24/2/2017 4:31	51	25/2/2017 5:36	51
24/2/2017 4:36	50	25/2/2017 5:41	52
24/2/2017 4:41	50	25/2/2017 5:46	51
24/2/2017 4:46	51	25/2/2017 5:51	52
24/2/2017 4:51	50	25/2/2017 5:56	52
24/2/2017 4:56	51	25/2/2017 6:01	52
24/2/2017 5:01	51	25/2/2017 6:06	53
24/2/2017 5:06	51	25/2/2017 6:11	54
24/2/2017 5:11	51	25/2/2017 6:16	53
24/2/2017 5:16	51	25/2/2017 6:21	53
24/2/2017 5:21	52	25/2/2017 6:26	54
24/2/2017 5:26	52	25/2/2017 6:31	53
24/2/2017 5:31	51	25/2/2017 6:36	54
24/2/2017 5:36	51	25/2/2017 6:41	54
24/2/2017 5:41	52	25/2/2017 6:46	55
24/2/2017 5:46	52	25/2/2017 6:51	55
24/2/2017 5:51	52	25/2/2017 6:56	55
24/2/2017 5:56	53	25/2/2017 23:01	38
24/2/2017 6:01	52	25/2/2017 23:06	55
24/2/2017 6:06	53	25/2/2017 23:11	55
24/2/2017 6:11	54	25/2/2017 23:16	55
24/2/2017 6:16	53	25/2/2017 23:21	55
24/2/2017 6:21	54	25/2/2017 23:26	55
24/2/2017 6:26	54	25/2/2017 23:31	55
24/2/2017 6:31	54	25/2/2017 23:36	54
24/2/2017 6:36	54	25/2/2017 23:41	55
24/2/2017 6:41	54	25/2/2017 23:46	55
24/2/2017 6:46	55	25/2/2017 23:51	54
24/2/2017 6:51	55	25/2/2017 23:56	54
24/2/2017 6:56	57	26/2/2017 0:01	55
24/2/2017 23:01	56	26/2/2017 0:06	54
24/2/2017 23:06	55	26/2/2017 0:11	54
24/2/2017 23:11	55	26/2/2017 0:16	54
24/2/2017 23:16	56	26/2/2017 0:21	53
24/2/2017 23:21	56	26/2/2017 0:26	53
24/2/2017 23:26	57	26/2/2017 0:31	55
24/2/2017 23:31	55	26/2/2017 0:36	54
24/2/2017 23:36	55	26/2/2017 0:41	54
24/2/2017 23:41	55	26/2/2017 0:46	53
24/2/2017 23:46	55	26/2/2017 0:51	53
24/2/2017 23:51	55	26/2/2017 0:56	53
24/2/2017 23:56	55	26/2/2017 1:01	53
25/2/2017 0:01	55	26/2/2017 1:06	54
25/2/2017 0:06	55	26/2/2017 1:11	53
25/2/2017 0:11	55	26/2/2017 1:16	52
25/2/2017 0:16	54	26/2/2017 1:21	52
25/2/2017 0:21	55	26/2/2017 1:26	53
25/2/2017 0:26	55	26/2/2017 1:31	54
25/2/2017 0:31	54	26/2/2017 1:36	53
25/2/2017 0:36	54	26/2/2017 1:41	53
25/2/2017 0:41	54	26/2/2017 1:46	52

Real-time Noise Data		RTN3 (Po Leung Kuk Yu Lee Mo Fan Memorial School)							
Normal Day 07:00-19:00		4/2/2017 12:31	66	10/2/2017 7:01	66	15/2/2017 13:31	67	21/2/2017 8:01	64
27/1/2017 7:01	66	4/2/2017 13:01	66	10/2/2017 7:31	66	15/2/2017 14:01	66	21/2/2017 8:31	64
27/1/2017 7:31	66	4/2/2017 13:31	67	10/2/2017 8:01	64	15/2/2017 14:31	66	21/2/2017 9:01	64
27/1/2017 8:01	66	4/2/2017 14:01	66	10/2/2017 8:31	64	15/2/2017 15:01	67	21/2/2017 9:31	65
27/1/2017 8:31	65	4/2/2017 14:31	66	10/2/2017 9:01	65	15/2/2017 15:31	66	21/2/2017 10:01	66
27/1/2017 9:01	66	4/2/2017 15:01	66	10/2/2017 9:31	67	15/2/2017 16:01	67	21/2/2017 10:31	67
27/1/2017 9:31	66	4/2/2017 15:31	66	10/2/2017 10:01	67	15/2/2017 16:31	67	21/2/2017 11:01	67
27/1/2017 10:01	66	4/2/2017 16:01	66	10/2/2017 10:31	66	15/2/2017 17:01	67	21/2/2017 11:31	67
27/1/2017 10:31	66	4/2/2017 16:31	66	10/2/2017 11:01	66	15/2/2017 17:31	67	21/2/2017 12:01	67
27/1/2017 11:01	65	4/2/2017 17:01	65	10/2/2017 11:31	67	15/2/2017 18:01	66	21/2/2017 12:31	67
27/1/2017 11:31	66	4/2/2017 17:31	66	10/2/2017 12:01	66	15/2/2017 18:31	66	21/2/2017 13:01	67
27/1/2017 12:01	66	4/2/2017 18:01	65	10/2/2017 12:31	66	16/2/2017 7:01	66	21/2/2017 13:31	67
27/1/2017 12:31	65	4/2/2017 18:31	65	10/2/2017 13:01	67	16/2/2017 7:31	66	21/2/2017 14:01	67
27/1/2017 13:01	65	6/2/2017 7:01	66	10/2/2017 13:31	67	16/2/2017 8:01	67	21/2/2017 14:31	67
27/1/2017 13:31	65	6/2/2017 7:31	66	10/2/2017 14:01	66	16/2/2017 8:31	66	21/2/2017 15:01	67
27/1/2017 14:01	66	6/2/2017 8:01	66	10/2/2017 14:31	66	16/2/2017 9:01	67	21/2/2017 15:31	67
27/1/2017 14:31	66	6/2/2017 8:31	64	10/2/2017 15:01	65	16/2/2017 9:31	65	21/2/2017 16:01	67
27/1/2017 15:01	66	6/2/2017 9:01	65	10/2/2017 15:31	65	16/2/2017 10:01	66	21/2/2017 16:31	66
27/1/2017 15:31	66	6/2/2017 9:31	66	10/2/2017 16:01	67	16/2/2017 10:31	67	21/2/2017 17:01	66
27/1/2017 16:01	66	6/2/2017 10:01	67	10/2/2017 16:31	66	16/2/2017 11:01	68	21/2/2017 17:31	65
27/1/2017 16:31	66	6/2/2017 10:31	67	10/2/2017 17:01	65	16/2/2017 11:31	66	21/2/2017 18:01	65
27/1/2017 17:01	66	6/2/2017 11:01	67	10/2/2017 17:31	65	16/2/2017 12:01	66	21/2/2017 18:31	65
27/1/2017 17:31	65	6/2/2017 11:31	67	10/2/2017 18:01	66	16/2/2017 12:31	67	22/2/2017 7:01	65
27/1/2017 18:01	65	6/2/2017 12:01	66	10/2/2017 18:31	65	16/2/2017 13:01	68	22/2/2017 7:31	64
27/1/2017 18:31	65	6/2/2017 12:31	67	11/2/2017 7:01	65	16/2/2017 13:31	67	22/2/2017 8:01	65
1/2/2017 7:01	65	6/2/2017 13:01	67	11/2/2017 7:31	66	16/2/2017 14:01	67	22/2/2017 8:31	66
1/2/2017 7:31	67	6/2/2017 13:31	67	11/2/2017 8:01	67	16/2/2017 14:31	67	22/2/2017 9:01	67
1/2/2017 8:01	67	6/2/2017 14:01	66	11/2/2017 8:31	67	16/2/2017 15:01	68	22/2/2017 9:31	67
1/2/2017 8:31	66	6/2/2017 14:31	67	11/2/2017 9:01	67	16/2/2017 15:31	67	22/2/2017 10:01	68
1/2/2017 9:01	66	6/2/2017 15:01	66	11/2/2017 9:31	66	16/2/2017 16:01	67	22/2/2017 10:31	67
1/2/2017 9:31	66	6/2/2017 15:31	67	11/2/2017 10:01	67	16/2/2017 16:31	68	22/2/2017 11:01	68
1/2/2017 10:01	66	6/2/2017 16:01	67	11/2/2017 10:31	66	16/2/2017 17:01	67	22/2/2017 11:31	67
1/2/2017 10:31	66	6/2/2017 16:31	66	11/2/2017 11:01	65	16/2/2017 17:31	67	22/2/2017 12:01	67
1/2/2017 11:01	66	6/2/2017 17:01	66	11/2/2017 11:31	65	16/2/2017 18:01	67	22/2/2017 12:31	67
1/2/2017 11:31	66	6/2/2017 17:31	66	11/2/2017 12:01	66	16/2/2017 18:31	67	22/2/2017 13:01	68
1/2/2017 12:01	65	6/2/2017 18:01	66	11/2/2017 12:31	66	17/2/2017 7:01	66	22/2/2017 13:31	69
1/2/2017 12:31	65	6/2/2017 18:31	66	11/2/2017 13:01	66	17/2/2017 7:31	66	22/2/2017 14:01	68
1/2/2017 13:01	65	7/2/2017 7:01	66	11/2/2017 13:31	66	17/2/2017 8:01	66	22/2/2017 14:31	68
1/2/2017 13:31	65	7/2/2017 7:31	66	11/2/2017 14:01	66	17/2/2017 8:31	66	22/2/2017 15:01	68
1/2/2017 14:01	66	7/2/2017 8:01	65	11/2/2017 14:31	66	17/2/2017 9:01	66	22/2/2017 15:31	69
1/2/2017 14:31	66	7/2/2017 8:31	64	11/2/2017 15:01	67	17/2/2017 9:31	66	22/2/2017 16:01	68
1/2/2017 15:01	66	7/2/2017 9:01	65	11/2/2017 15:31	67	17/2/2017 10:01	66	22/2/2017 16:31	68
1/2/2017 15:31	65	7/2/2017 9:31	64	11/2/2017 16:01	67	17/2/2017 10:31	65	22/2/2017 17:01	67
1/2/2017 16:01	65	7/2/2017 10:01	64	11/2/2017 16:31	67	17/2/2017 11:01	66	22/2/2017 17:31	66
1/2/2017 16:31	65	7/2/2017 10:31	66	11/2/2017 17:01	66	17/2/2017 11:31	66	22/2/2017 18:01	66
1/2/2017 17:01	65	7/2/2017 11:01	67	11/2/2017 17:31	66	17/2/2017 12:01	66	22/2/2017 18:31	66
1/2/2017 17:31	65	7/2/2017 11:31	67	11/2/2017 18:01	65	17/2/2017 12:31	66	23/2/2017 7:01	65
1/2/2017 18:01	66	7/2/2017 12:01	67	11/2/2017 18:31	65	17/2/2017 13:01	66	23/2/2017 7:31	65
1/2/2017 18:31	67	7/2/2017 12:31	67	13/2/2017 7:01	67	17/2/2017 13:31	67	23/2/2017 8:01	65
2/2/2017 7:01	65	7/2/2017 13:01	66	13/2/2017 7:31	66	17/2/2017 14:01	67	23/2/2017 8:31	65
2/2/2017 7:31	66	7/2/2017 13:31	67	13/2/2017 8:01	65	17/2/2017 14:31	67	23/2/2017 9:01	66
2/2/2017 8:01	67	7/2/2017 14:01	66	13/2/2017 8:31	64	17/2/2017 15:01	67	23/2/2017 9:31	66
2/2/2017 8:31	66	7/2/2017 14:31	67	13/2/2017 9:01	64	17/2/2017 15:31	67	23/2/2017 10:01	67
2/2/2017 9:01	66	7/2/2017 15:01	67	13/2/2017 9:31	66	17/2/2017 16:01	68	23/2/2017 10:31	67
2/2/2017 9:31	66	7/2/2017 15:31	67	13/2/2017 10:01	67	17/2/2017 16:31	68	23/2/2017 11:01	67
2/2/2017 10:01	67	7/2/2017 16:01	66	13/2/2017 10:31	68	17/2/2017 17:01	68	23/2/2017 11:31	66
2/2/2017 10:31	66	7/2/2017 16:31	66	13/2/2017 11:01	68	17/2/2017 17:31	67	23/2/2017 12:01	66
2/2/2017 11:01	66	7/2/2017 17:01	66	13/2/2017 11:31	67	17/2/2017 18:01	65	23/2/2017 12:31	66
2/2/2017 11:31	66	7/2/2017 17:31	66	13/2/2017 12:01	66	17/2/2017 18:31	64	23/2/2017 13:01	66
2/2/2017 12:01	66	7/2/2017 18:01	67	13/2/2017 12:31	67	18/2/2017 7:01	66	23/2/2017 13:31	67
2/2/2017 12:31	66	7/2/2017 18:31	66	13/2/2017 13:01	67	18/2/2017 7:31	67	23/2/2017 14:01	66
2/2/2017 13:01	66	8/2/2017 7:01	66	13/2/2017 13:31	67	18/2/2017 8:01	68	23/2/2017 14:31	66
2/2/2017 13:31	66	8/2/2017 7:31	66	13/2/2017 14:01	67	18/2/2017 8:31	68	23/2/2017 15:01	67
2/2/2017 14:01	66	8/2/2017 8:01	66	13/2/2017 14:31	67	18/2/2017 9:01	68	23/2/2017 15:31	67
2/2/2017 14:31	66	8/2/2017 8:31	64	13/2/2017 15:01	67	18/2/2017 9:31	67	23/2/2017 16:01	66
2/2/2017 15:01	67	8/2/2017 9:01	66	13/2/2017 15:31	67	18/2/2017 10:01	66	23/2/2017 16:31	67
2/2/2017 15:31	67	8/2/2017 9:31	67	13/2/2017 16:01	67	18/2/2017 10:31	66	23/2/2017 17:01	66
2/2/2017 16:01	66	8/2/2017 10:01	67	13/2/2017 16:31	67	18/2/2017 11:01	67	23/2/2017 17:31	66
2/2/2017 16:31	66	8/2/2017 10:31	67	13/2/2017 17:01	67	18/2/2017 11:31	66	23/2/2017 18:01	66
2/2/2017 17:01	66	8/2/2017 11:01	67	13/2/2017 17:31	67	18/2/2017 12:01	65	23/2/2017 18:31	66
2/2/2017 17:31	66	8/2/2017 11:31	66	13/2/2017 18:01	68	18/2/2017 12:31	64	24/2/2017 7:01	66
2/2/2017 18:01	66	8/2/2017 12:01	66	13/2/2017 18:31	66	18/2/2017 13:01	67	24/2/2017 7:31	66
2/2/2017 18:31	66	8/2/2017 12:31	66	14/2/2017 7:01	67	18/2/2017 13:31	68	24/2/2017 8:01	65
3/2/2017 7:01	66	8/2/2017 13:01	66	14/2/2017 7:31	67	18/2/2017 14:01	67	24/2/2017 8:31	65
3/2/2017 7:31	67	8/2/2017 13:31	67	14/2/2017 8:01	66	18/2/2017 14:31	66	24/2/2017 9:01	66
3/2/2017 8:01	67	8/2/2017 14:01	67	14/2/2017 8:31	64	18/2/2017 15:01	67	24/2/2017 9:31	66
3/2/2017 8:31	66	8/2/2017 14:31	67	14/2/2017 9:01	66	18/2/2017 15:31	67	24/2/2017 10:01	67
3/2/2017 9:01	67	8/2/2017 15:01	67	14/2/2017 9:31	67	18/2/2017 16:01	66	24/2/2017 10:31	67
3/2/2017 9:31	67	8/2/2017 15:31	67	14/2/2017 10:01	67	18/2/2017 16:31	67	24/2/2017 11:01	66
3/2/2017 10:01	67	8/2/2017 16:01	67	14/2/2017 10:31	66	18/2/2017 17:01	68	24/2/2017 11:31	66
3/2/2017 10:31	67	8/2/2017 16:31	67	14/2/2017 11:01	67	18/2/2017 17:31	66	24/2/2017 12:01	67
3/2/2017 11:01	66	8/2/2017 17:01	66	14/2/2017 11:31	66	18/2/2017 18:01	66	24/2/2017 12:31	66
3/2/2017 11:31	66	8/2/2017 17:31	66	14/2/2017 12:01	67	18/2/2017 18:31	65	24/2/2017 13:01	67
3/2/2017 12:01	66	8/2/2017 18:01	66	14/2/2017 12:31	67	20/2/2017 7:01	66	24/2/2017 13:31	68
3/2/2017 12:31	66	8/2/2017 18:31	65	14/2/2017 13:01	66	20/2/2017 7:31	65	24/2/2017 14:01	68
3/2/2017 13:01	66	9/2/2017 7:01	66	14/2/2017 13:31	67	20/2/2017 8:01	65	24/2/2017 14:31	68
3/2/2017 13:31	66	9/2/2017 7:31	67	14/2/2017 14:01	67	20/2/2017 8:31	66	24/2/2017 15:01	68
3/2/2017 14:01	66	9/2/2017 8:01	66	14/2/2017 14:31	67	20/2/2017 9:01	66	24/2/2017 15:31	67
3/2/2017 14:31	67	9/2/2017 8:31	65	14/2/2017 1					

Real-time Noise Data		RTN3 (Po Leung Kuk Yu Lee Mo Fan Memorial School)									
28/1/2017 10:56	65	28/1/2017 20:01	56	29/1/2017 13:06	66	29/1/2017 22:11	66	30/1/2017 15:16	66	31/1/2017 8:21	64
28/1/2017 11:01	65	28/1/2017 20:06	65	29/1/2017 13:11	66	29/1/2017 22:16	65	30/1/2017 15:21	66	31/1/2017 8:26	64
28/1/2017 11:06	65	28/1/2017 20:11	64	29/1/2017 13:16	66	29/1/2017 22:21	65	30/1/2017 15:26	66	31/1/2017 8:31	64
28/1/2017 11:11	65	28/1/2017 20:16	65	29/1/2017 13:21	65	29/1/2017 22:26	65	30/1/2017 15:31	66	31/1/2017 8:36	65
28/1/2017 11:16	65	28/1/2017 20:21	64	29/1/2017 13:26	65	29/1/2017 22:31	65	30/1/2017 15:36	66	31/1/2017 8:41	65
28/1/2017 11:21	65	28/1/2017 20:26	64	29/1/2017 13:31	65	29/1/2017 22:36	65	30/1/2017 15:41	66	31/1/2017 8:46	65
28/1/2017 11:26	66	28/1/2017 20:31	64	29/1/2017 13:36	65	29/1/2017 22:41	65	30/1/2017 15:46	65	31/1/2017 8:51	64
28/1/2017 11:31	66	28/1/2017 20:36	64	29/1/2017 13:41	65	29/1/2017 22:46	66	30/1/2017 15:51	65	31/1/2017 8:56	66
28/1/2017 11:36	66	28/1/2017 20:41	64	29/1/2017 13:46	65	29/1/2017 22:51	65	30/1/2017 15:56	65	31/1/2017 9:01	64
28/1/2017 11:41	66	28/1/2017 20:46	65	29/1/2017 13:51	64	29/1/2017 22:56	65	30/1/2017 16:01	65	31/1/2017 9:06	64
28/1/2017 11:46	66	28/1/2017 20:51	65	29/1/2017 13:56	65	30/1/2017 7:01	63	30/1/2017 16:06	65	31/1/2017 9:11	65
28/1/2017 11:51	66	28/1/2017 20:56	64	29/1/2017 14:01	65	30/1/2017 7:06	65	30/1/2017 16:11	66	31/1/2017 9:16	66
28/1/2017 11:56	58	28/1/2017 21:01	65	29/1/2017 14:06	65	30/1/2017 7:11	63	30/1/2017 16:16	65	31/1/2017 9:21	65
28/1/2017 12:01	66	28/1/2017 21:06	64	29/1/2017 14:11	66	30/1/2017 7:16	63	30/1/2017 16:21	65	31/1/2017 9:26	66
28/1/2017 12:06	66	28/1/2017 21:11	65	29/1/2017 14:16	65	30/1/2017 7:21	63	30/1/2017 16:26	66	31/1/2017 9:31	65
28/1/2017 12:11	66	28/1/2017 21:16	65	29/1/2017 14:21	65	30/1/2017 7:26	63	30/1/2017 16:31	66	31/1/2017 9:36	65
28/1/2017 12:16	65	28/1/2017 21:21	65	29/1/2017 14:26	65	30/1/2017 7:31	63	30/1/2017 16:36	66	31/1/2017 9:41	65
28/1/2017 12:21	66	28/1/2017 21:26	65	29/1/2017 14:31	65	30/1/2017 7:36	63	30/1/2017 16:41	65	31/1/2017 9:46	65
28/1/2017 12:26	66	28/1/2017 21:31	65	29/1/2017 14:36	66	30/1/2017 7:41	64	30/1/2017 16:46	65	31/1/2017 9:51	66
28/1/2017 12:31	65	28/1/2017 21:36	65	29/1/2017 14:41	65	30/1/2017 7:46	65	30/1/2017 16:51	65	31/1/2017 9:56	66
28/1/2017 12:36	66	28/1/2017 21:41	65	29/1/2017 14:46	65	30/1/2017 7:51	64	30/1/2017 16:56	43	31/1/2017 10:01	66
28/1/2017 12:41	66	28/1/2017 21:46	65	29/1/2017 14:51	65	30/1/2017 7:56	65	30/1/2017 17:01	65	31/1/2017 10:06	65
28/1/2017 12:46	66	28/1/2017 21:51	65	29/1/2017 14:56	65	30/1/2017 8:01	65	30/1/2017 17:06	55	31/1/2017 10:11	65
28/1/2017 12:51	66	28/1/2017 21:56	65	29/1/2017 15:01	66	30/1/2017 8:06	65	30/1/2017 17:11	66	31/1/2017 10:16	65
28/1/2017 12:56	65	28/1/2017 22:01	65	29/1/2017 15:06	66	30/1/2017 8:11	65	30/1/2017 17:16	66	31/1/2017 10:21	66
28/1/2017 13:01	65	28/1/2017 22:06	65	29/1/2017 15:11	65	30/1/2017 8:16	64	30/1/2017 17:21	66	31/1/2017 10:26	66
28/1/2017 13:06	65	28/1/2017 22:11	66	29/1/2017 15:16	66	30/1/2017 8:21	64	30/1/2017 17:26	66	31/1/2017 10:31	66
28/1/2017 13:11	65	28/1/2017 22:16	64	29/1/2017 15:21	66	30/1/2017 8:26	65	30/1/2017 17:31	65	31/1/2017 10:36	66
28/1/2017 13:16	66	28/1/2017 22:21	64	29/1/2017 15:26	66	30/1/2017 8:31	63	30/1/2017 17:36	66	31/1/2017 10:41	66
28/1/2017 13:21	65	28/1/2017 22:26	65	29/1/2017 15:31	46	30/1/2017 8:36	65	30/1/2017 17:41	65	31/1/2017 10:46	66
28/1/2017 13:26	65	28/1/2017 22:31	65	29/1/2017 15:36	61	30/1/2017 8:41	64	30/1/2017 17:46	66	31/1/2017 10:51	66
28/1/2017 13:31	65	28/1/2017 22:36	65	29/1/2017 15:41	65	30/1/2017 8:46	65	30/1/2017 17:51	65	31/1/2017 10:56	64
28/1/2017 13:36	65	28/1/2017 22:41	65	29/1/2017 15:46	63	30/1/2017 8:51	64	30/1/2017 17:56	65	31/1/2017 11:01	66
28/1/2017 13:41	65	28/1/2017 22:46	65	29/1/2017 15:51	54	30/1/2017 8:56	65	30/1/2017 18:01	65	31/1/2017 11:06	55
28/1/2017 13:46	65	28/1/2017 22:51	65	29/1/2017 15:56	64	30/1/2017 9:01	64	30/1/2017 18:06	65	31/1/2017 11:11	66
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28/1/2017 13:56	65	29/1/2017 7:01	66	29/1/2017 16:06	60	30/1/2017 9:11	64	30/1/2017 18:16	65	31/1/2017 11:21	66
28/1/2017 14:01	65	29/1/2017 7:06	63	29/1/2017 16:11	55	30/1/2017 9:16	64	30/1/2017 18:21	65	31/1/2017 11:26	66
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28/1/2017 14:11	65	29/1/2017 7:16	62	29/1/2017 16:21	66	30/1/2017 9:26	64	30/1/2017 18:31	65	31/1/2017 11:36	66
28/1/2017 14:16	64	29/1/2017 7:21	63	29/1/2017 16:26	59	30/1/2017 9:31	64	30/1/2017 18:36	65	31/1/2017 11:41	52
28/1/2017 14:21	64	29/1/2017 7:26	62	29/1/2017 16:31	61	30/1/2017 9:36	65	30/1/2017 18:41	66	31/1/2017 11:46	66
28/1/2017 14:26	65	29/1/2017 7:31	64	29/1/2017 16:36	59	30/1/2017 9:41	65	30/1/2017 18:46	65	31/1/2017 11:51	66
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28/1/2017 14:41	65	29/1/2017 7:46	65	29/1/2017 16:51	66	30/1/2017 9:56	65	30/1/2017 19:01	65	31/1/2017 12:06	66
28/1/2017 14:46	64	29/1/2017 7:51	64	29/1/2017 16:56	66	30/1/2017 10:01	65	30/1/2017 19:06	65	31/1/2017 12:11	66
28/1/2017 14:51	64	29/1/2017 7:56	64	29/1/2017 17:01	65	30/1/2017 10:06	65	30/1/2017 19:11	65	31/1/2017 12:16	66
28/1/2017 14:56	64	29/1/2017 8:01	64	29/1/2017 17:06	66	30/1/2017 10:11	65	30/1/2017 19:16	65	31/1/2017 12:21	66
28/1/2017 15:01	65	29/1/2017 8:06	63	29/1/2017 17:11	66	30/1/2017 10:16	65	30/1/2017 19:21	66	31/1/2017 12:26	66
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28/1/2017 15:16	64	29/1/2017 8:21	62	29/1/2017 17:26	66	30/1/2017 10:31	65	30/1/2017 19:36	65	31/1/2017 12:41	66
28/1/2017 15:21	65	29/1/2017 8:26	63	29/1/2017 17:31	57	30/1/2017 10:36	65	30/1/2017 19:41	65	31/1/2017 12:46	66
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28/1/2017 15:46	65	29/1/2017 8:51	64	29/1/2017 17:56	66	30/1/2017 11:01	66	30/1/2017 20:06	64	31/1/2017 13:11	66
28/1/2017 15:51	64	29/1/2017 8:56	64	29/1/2017 18:01	66	30/1/2017 11:06	65	30/1/2017 20:11	65	31/1/2017 13:16	66
28/1/2017 15:56	66	29/1/2017 9:01	63	29/1/2017 18:06	66	30/1/2017 11:11	65	30/1/2017 20:16	65	31/1/2017 13:21	66
28/1/2017 16:01	65	29/1/2017 9:06	63	29/1/2017 18:11	65	30/1/2017 11:16	65	30/1/2017 20:21	65	31/1/2017 13:26	66
28/1/2017 16:06	65	29/1/2017 9:11	64	29/1/2017 18:16	65	30/1/2017 11:21	65	30/1/2017 20:26	65	31/1/2017 13:31	66
28/1/2017 16:11	62	29/1/2017 9:16	64	29/1/2017 18:21	66	30/1/2017 11:26	66	30/1/2017 20:31	64	31/1/2017 13:36	66
28/1/2017 16:16	62	29/1/2017 9:21	65	29/1/2017 18:26	66	30/1/2017 11:31	65	30/1/2017 20:36	65	31/1/2017 13:41	66
28/1/2017 16:21	62	29/1/2017 9:26	64	29/1/2017 18:31	66	30/1/2017 11:36	66	30/1/2017 20:41	64	31/1/2017 13:46	66
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28/1/2017 16:31	63	29/1/2017 9:36	64	29/1/2017 18:41	66	30/1/2017 11:46	65	30/1/2017 20:51	65	31/1/2017 13:56	65
28/1/2017 16:36	65	29/1/2017 9:41	66	29/1/2017 18:46	66	30/1/2017 11:51	65	30/1/2017 20:56	65	31/1/2017 14:01	65
28/1/2017 16:41	66	29/1/2017 9:46	64	29/1/2017 18:51	65	30/1/2017 11:56	66	30/1/2017 21:01	65	31/1/2017 14:06	66
28/1/2017 16:46	65	29/1/2017 9:51	65	29/1/2017 18:56	66	30/1/2017 12:01	66	30/1/2017 21:06	65	31/1/2017 14:11	65
28/1/2017 16:51	66	29/1/2017 9:56	66	29/1/2017 19:01	65	30/1/2017 12:06	65	30/1/2017 21:11	65	31/1/2017 14:16	62
28/1/2017 16:56	66	29/1/2017 10:01	65	29/1/2017 19:06	65	30/1/2017 12:11	65	30/1/2017 21:16	65	31/1/2017 14:21	65
28/1/2017 17:01	65	29/1/2017 10:06	65	29/1/2017 19:11	65	30/1/2017 12:16	65	30/1/2017			

Real-time Noise Data		RTN3 (Po Leung Kuk Yu Lee Mo Fan Memorial School)									
31/1/2017 17:26	66	1/2/2017 22:31	65	4/2/2017 19:36	65	5/2/2017 12:41	65	5/2/2017 21:46	65	7/2/2017 22:51	65
31/1/2017 17:31	65	1/2/2017 22:36	65	4/2/2017 19:41	65	5/2/2017 12:46	66	5/2/2017 21:51	65	7/2/2017 22:56	65
31/1/2017 17:36	65	1/2/2017 22:41	65	4/2/2017 19:46	65	5/2/2017 12:51	65	5/2/2017 21:56	65	8/2/2017 19:01	66
31/1/2017 17:41	65	1/2/2017 22:46	64	4/2/2017 19:51	65	5/2/2017 12:56	65	5/2/2017 22:01	65	8/2/2017 19:06	66
31/1/2017 17:46	66	1/2/2017 22:51	65	4/2/2017 19:56	65	5/2/2017 13:01	65	5/2/2017 22:06	66	8/2/2017 19:11	65
31/1/2017 17:51	65	1/2/2017 22:56	65	4/2/2017 20:01	65	5/2/2017 13:06	65	5/2/2017 22:11	64	8/2/2017 19:16	65
31/1/2017 17:56	66	2/2/2017 19:01	65	4/2/2017 20:06	64	5/2/2017 13:11	66	5/2/2017 22:16	64	8/2/2017 19:21	66
31/1/2017 18:01	66	2/2/2017 19:06	65	4/2/2017 20:11	65	5/2/2017 13:16	58	5/2/2017 22:21	65	8/2/2017 19:26	66
31/1/2017 18:06	66	2/2/2017 19:11	66	4/2/2017 20:16	66	5/2/2017 13:21	65	5/2/2017 22:26	65	8/2/2017 19:31	66
31/1/2017 18:11	66	2/2/2017 19:16	66	4/2/2017 20:21	65	5/2/2017 13:26	65	5/2/2017 22:31	64	8/2/2017 19:36	66
31/1/2017 18:16	65	2/2/2017 19:21	65	4/2/2017 20:26	65	5/2/2017 13:31	65	5/2/2017 22:36	64	8/2/2017 19:41	65
31/1/2017 18:21	65	2/2/2017 19:26	66	4/2/2017 20:31	65	5/2/2017 13:36	65	5/2/2017 22:41	64	8/2/2017 19:46	66
31/1/2017 18:26	66	2/2/2017 19:31	65	4/2/2017 20:36	64	5/2/2017 13:41	66	5/2/2017 22:46	64	8/2/2017 19:51	65
31/1/2017 18:31	65	2/2/2017 19:36	66	4/2/2017 20:41	64	5/2/2017 13:46	65	5/2/2017 22:51	64	8/2/2017 19:56	66
31/1/2017 18:36	66	2/2/2017 19:41	66	4/2/2017 20:46	65	5/2/2017 13:51	66	5/2/2017 22:56	64	8/2/2017 20:01	65
31/1/2017 18:41	65	2/2/2017 19:46	65	4/2/2017 20:51	65	5/2/2017 13:56	65	6/2/2017 19:01	66	8/2/2017 20:06	65
31/1/2017 18:46	65	2/2/2017 19:51	66	4/2/2017 20:56	65	5/2/2017 14:01	65	6/2/2017 19:06	66	8/2/2017 20:11	65
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31/1/2017 19:01	65	2/2/2017 20:06	66	4/2/2017 21:11	64	5/2/2017 14:16	65	6/2/2017 19:21	66	8/2/2017 20:26	56
31/1/2017 19:06	66	2/2/2017 20:11	65	4/2/2017 21:16	64	5/2/2017 14:21	65	6/2/2017 19:26	66	8/2/2017 20:31	65
31/1/2017 19:11	65	2/2/2017 20:16	65	4/2/2017 21:21	64	5/2/2017 14:26	65	6/2/2017 19:31	66	8/2/2017 20:36	65
31/1/2017 19:16	65	2/2/2017 20:21	65	4/2/2017 21:26	64	5/2/2017 14:31	65	6/2/2017 19:36	66	8/2/2017 20:41	65
31/1/2017 19:21	65	2/2/2017 20:26	65	4/2/2017 21:31	64	5/2/2017 14:36	65	6/2/2017 19:41	66	8/2/2017 20:46	65
31/1/2017 19:26	65	2/2/2017 20:31	65	4/2/2017 21:36	64	5/2/2017 14:41	65	6/2/2017 19:46	66	8/2/2017 20:51	66
31/1/2017 19:31	65	2/2/2017 20:36	65	4/2/2017 21:41	64	5/2/2017 14:46	60	6/2/2017 19:51	66	8/2/2017 20:56	65
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31/1/2017 20:01	65	2/2/2017 21:06	65	4/2/2017 22:11	65	5/2/2017 15:16	65	6/2/2017 20:21	66	8/2/2017 21:26	65
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1/2/2017 19:31	66	3/2/2017 20:36	65	5/2/2017 9:41	66	5/2/2017 18:46	65	7/2/2017 19:51	65	9/2/2017 20:56	66
1/2/2017 19:36	65	3/2/2017 20:41	65	5/2/2017 9:46	66	5/2/2017 18:51	65	7/2/2017 19:56	66	9/2/2017 21:01	65
1/2/2017 19:41	66	3/2/2017 20:46	64	5/2/2017 9:51	66	5/2/2017 18:56	65	7/2/20			

Real-time Noise Data		RTN3 (Po Leung Kuk Yu Lee Mo Fan Memorial School)					
10/2/2017 19:56	66	12/2/2017 9:01	57	12/2/2017 18:06	66	14/2/2017 19:11	66
10/2/2017 20:01	65	12/2/2017 9:06	57	12/2/2017 18:11	66	14/2/2017 19:16	66
10/2/2017 20:06	65	12/2/2017 9:11	58	12/2/2017 18:16	65	14/2/2017 19:21	66
10/2/2017 20:11	65	12/2/2017 9:16	57	12/2/2017 18:21	65	14/2/2017 19:26	66
10/2/2017 20:16	61	12/2/2017 9:21	57	12/2/2017 18:26	66	14/2/2017 19:31	66
10/2/2017 20:21	66	12/2/2017 9:26	59	12/2/2017 18:31	65	14/2/2017 19:36	66
10/2/2017 20:26	66	12/2/2017 9:31	56	12/2/2017 18:36	66	14/2/2017 19:41	66
10/2/2017 20:31	65	12/2/2017 9:36	57	12/2/2017 18:41	66	14/2/2017 19:46	68
10/2/2017 20:36	66	12/2/2017 9:41	55	12/2/2017 18:46	66	14/2/2017 19:51	66
10/2/2017 20:41	66	12/2/2017 9:46	57	12/2/2017 18:51	65	14/2/2017 19:56	66
10/2/2017 20:46	66	12/2/2017 9:51	57	12/2/2017 18:56	65	14/2/2017 20:01	66
10/2/2017 20:51	65	12/2/2017 9:56	60	12/2/2017 19:01	65	14/2/2017 20:06	66
10/2/2017 20:56	65	12/2/2017 10:01	59	12/2/2017 19:06	65	14/2/2017 20:11	66
10/2/2017 21:01	65	12/2/2017 10:06	60	12/2/2017 19:11	65	14/2/2017 20:16	66
10/2/2017 21:06	65	12/2/2017 10:11	58	12/2/2017 19:16	65	14/2/2017 20:21	66
10/2/2017 21:11	66	12/2/2017 10:16	57	12/2/2017 19:21	65	14/2/2017 20:26	66
10/2/2017 21:16	65	12/2/2017 10:21	59	12/2/2017 19:26	65	14/2/2017 20:31	66
10/2/2017 21:21	65	12/2/2017 10:26	59	12/2/2017 19:31	65	14/2/2017 20:36	65
10/2/2017 21:26	65	12/2/2017 10:31	59	12/2/2017 19:36	64	14/2/2017 20:41	67
10/2/2017 21:31	66	12/2/2017 10:36	58	12/2/2017 19:41	65	14/2/2017 20:46	66
10/2/2017 21:36	65	12/2/2017 10:41	60	12/2/2017 19:46	65	14/2/2017 20:51	65
10/2/2017 21:41	65	12/2/2017 10:46	60	12/2/2017 19:51	65	14/2/2017 20:56	52
10/2/2017 21:46	66	12/2/2017 10:51	59	12/2/2017 19:56	61	14/2/2017 21:01	66
10/2/2017 21:51	65	12/2/2017 10:56	64	12/2/2017 20:01	65	14/2/2017 21:06	65
10/2/2017 21:56	65	12/2/2017 11:01	65	12/2/2017 20:06	65	14/2/2017 21:11	65
10/2/2017 22:01	66	12/2/2017 11:06	65	12/2/2017 20:11	65	14/2/2017 21:16	65
10/2/2017 22:06	65	12/2/2017 11:11	65	12/2/2017 20:16	66	14/2/2017 21:21	66
10/2/2017 22:11	65	12/2/2017 11:16	65	12/2/2017 20:21	65	14/2/2017 21:26	65
10/2/2017 22:16	66	12/2/2017 11:21	65	12/2/2017 20:26	65	14/2/2017 21:31	65
10/2/2017 22:21	65	12/2/2017 11:26	65	12/2/2017 20:31	65	14/2/2017 21:36	65
10/2/2017 22:26	65	12/2/2017 11:31	65	12/2/2017 20:36	65	14/2/2017 21:41	65
10/2/2017 22:31	66	12/2/2017 11:36	65	12/2/2017 20:41	65	14/2/2017 21:46	66
10/2/2017 22:36	65	12/2/2017 11:41	65	12/2/2017 20:46	65	14/2/2017 21:51	65
10/2/2017 22:41	66	12/2/2017 11:46	66	12/2/2017 20:51	65	14/2/2017 21:56	65
10/2/2017 22:46	65	12/2/2017 11:51	66	12/2/2017 20:56	65	14/2/2017 22:01	65
10/2/2017 22:51	65	12/2/2017 11:56	66	12/2/2017 21:01	65	14/2/2017 22:06	65
10/2/2017 22:56	65	12/2/2017 12:01	66	12/2/2017 21:06	64	14/2/2017 22:11	65
11/2/2017 19:01	65	12/2/2017 12:06	66	12/2/2017 21:11	65	14/2/2017 22:16	65
11/2/2017 19:06	65	12/2/2017 12:11	65	12/2/2017 21:16	65	14/2/2017 22:21	65
11/2/2017 19:11	64	12/2/2017 12:16	66	12/2/2017 21:21	65	14/2/2017 22:26	65
11/2/2017 19:16	66	12/2/2017 12:21	65	12/2/2017 21:26	65	14/2/2017 22:31	65
11/2/2017 19:21	65	12/2/2017 12:26	66	12/2/2017 21:31	59	14/2/2017 22:36	65
11/2/2017 19:26	65	12/2/2017 12:31	65	12/2/2017 21:36	65	14/2/2017 22:41	65
11/2/2017 19:31	65	12/2/2017 12:36	65	12/2/2017 21:41	65	14/2/2017 22:46	65
11/2/2017 19:36	65	12/2/2017 12:41	66	12/2/2017 21:46	65	14/2/2017 22:51	64
11/2/2017 19:41	65	12/2/2017 12:46	65	12/2/2017 21:51	65	14/2/2017 22:56	65
11/2/2017 19:46	65	12/2/2017 12:51	65	12/2/2017 21:56	66	15/2/2017 19:01	53
11/2/2017 19:51	65	12/2/2017 12:56	66	12/2/2017 22:01	65	15/2/2017 19:06	66
11/2/2017 19:56	65	12/2/2017 13:01	66	12/2/2017 22:06	65	15/2/2017 19:11	66
11/2/2017 20:01	65	12/2/2017 13:06	66	12/2/2017 22:11	65	15/2/2017 19:16	66
11/2/2017 20:06	64	12/2/2017 13:11	65	12/2/2017 22:16	65	15/2/2017 19:21	65
11/2/2017 20:11	64	12/2/2017 13:16	66	12/2/2017 22:21	65	15/2/2017 19:26	66
11/2/2017 20:16	65	12/2/2017 13:21	65	12/2/2017 22:26	65	15/2/2017 19:31	66
11/2/2017 20:21	66	12/2/2017 13:26	65	12/2/2017 22:31	65	15/2/2017 19:36	66
11/2/2017 20:26	65	12/2/2017 13:31	66	12/2/2017 22:36	65	15/2/2017 19:41	66
11/2/2017 20:31	65	12/2/2017 13:36	65	12/2/2017 22:41	65	15/2/2017 19:46	66
11/2/2017 20:36	65	12/2/2017 13:41	65	12/2/2017 22:46	65	15/2/2017 19:51	65
11/2/2017 20:41	65	12/2/2017 13:46	61	12/2/2017 22:51	65	15/2/2017 19:56	66
11/2/2017 20:46	64	12/2/2017 13:51	66	12/2/2017 22:56	64	15/2/2017 20:01	66
11/2/2017 20:51	64	12/2/2017 13:56	65	13/2/2017 19:01	66	15/2/2017 20:06	65
11/2/2017 20:56	65	12/2/2017 14:01	66	13/2/2017 19:06	66	15/2/2017 20:11	65
11/2/2017 21:01	64	12/2/2017 14:06	66	13/2/2017 19:11	66	15/2/2017 20:16	66
11/2/2017 21:06	64	12/2/2017 14:11	66	13/2/2017 19:16	66	15/2/2017 20:21	65
11/2/2017 21:11	64	12/2/2017 14:16	66	13/2/2017 19:21	66	15/2/2017 20:26	65
11/2/2017 21:16	64	12/2/2017 14:21	65	13/2/2017 19:26	66	15/2/2017 20:31	66
11/2/2017 21:21	64	12/2/2017 14:26	65	13/2/2017 19:31	66	15/2/2017 20:36	65
11/2/2017 21:26	65	12/2/2017 14:31	65	13/2/2017 19:36	66	15/2/2017 20:41	65
11/2/2017 21:31	65	12/2/2017 14:36	65	13/2/2017 19:41	66	15/2/2017 20:46	64
11/2/2017 21:36	64	12/2/2017 14:41	65	13/2/2017 19:46	66	15/2/2017 20:51	65
11/2/2017 21:41	64	12/2/2017 14:46	66	13/2/2017 19:51	65	15/2/2017 20:56	65
11/2/2017 21:46	64	12/2/2017 14:51	65	13/2/2017 19:56	65	15/2/2017 21:01	65
11/2/2017 21:51	64	12/2/2017 14:56	65	13/2/2017 20:01	66	15/2/2017 21:06	64
11/2/2017 21:56	64	12/2/2017 15:01	65	13/2/2017 20:06	66	15/2/2017 21:11	65
11/2/2017 22:01	65	12/2/2017 15:06	65	13/2/2017 20:11	65	15/2/2017 21:16	65
11/2/2017 22:06	63	12/2/2017 15:11	66	13/2/2017 20:16	66	15/2/2017 21:21	65
11/2/2017 22:11	58	12/2/2017 15:16	48	13/2/2017 20:21	66	15/2/2017 21:26	65
11/2/2017 22:16	66	12/2/2017 15:21	66	13/2/2017 20:26	66	15/2/2017 21:31	64
11/2/2017 22:21	65	12/2/2017 15:26	65	13/2/2017 20:31	65	15/2/2017 21:36	65
11/2/2017 22:26	64	12/2/2017 15:31	65	13/2/2017 20:36	65	15/2/2017 21:41	65
11/2/2017 22:31	65	12/2/2017 15:36	65	13/2/2017 20:41	66	15/2/2017 21:46	64
11/2/2017 22:36	65	12/2/2017 15:41	65	13/2/2017 20:46	65	15/2/2017 21:51	65
11/2/2017 22:41	65	12/2/2017 15:46	66	13/2/2017 20:51	65	15/2/2017 21:56	65
11/2/2017 22:46	64	12/2/2017 15:51	66	13/2/2017 20:56	65	15/2/2017 22:01	65
11/2/2017 22:51	65	12/2/2017 15:56	65	13/2/2017 21:01	65	15/2/2017 22:06	65
11/2/2017 22:56	65	12/2/2017 16:01	66	13/2/2017 21:06	65	15/2/2017 22:11	65
12/2/2017 7:01	58	12/2/2017 16:06	60	13/2/2017 21:11	65	15/2/2017 22:16	65
12/2/2017 7:06	59	12/2/2017 16:11	66	13/2/2017 21:16	65	15/2/2017 22:21	65
12/2/2017 7:11	57	12/2/2017 16:16	65	13/2/2017 21:21	65	15/2/2017 22:26	65
12/2/2017 7:16	58	12/2/2017 16:21	66	13/2/2017 21:26	65	15/2/2017 22:31	65
12/2/2017 7:21	55	12/2/2017 16:26	66	13/2/2017 21:31	65	15/2/2017 22:36	66
12/2/2017 7:26	55	12/2/2017 16:31	66	13/2/2017 21:36	65	15/2/2017 22:41	65
12/2/2017 7:31	55	12/2/2017 16:36	66	13/2/2017 21:41	65	15/2/2017 22:46	65
12/2/2017 7:36	54	12/2/2017 16:41	65	13/2/2017 21:46	65	15/2/2017 22:51	65
12/2/2017 7:41	53	12/2/2017 16:46	66	13/2/2017 21:51	65	15/2/2017 22:56	64
12/2/2017 7:46	55	12/2/2017 16:51	66	13/2/2017 21:56	65	16/2/2017 19:01	52
12/2/2017 7:51	57	12/2/2017 16:56	65	13/2/2017 22:01	65	16/2/2017 19:06	56
12/2/2017 7:56	54	12/2/2017 17:01	66	13/2/2017 22:06	65	16/2/2017 19:11	57
12/2/2017 8:01	56	12/2/2017 17:06	66	13/2/2017 22:11	65	16/2/2017 19:16	66
12/2/2017 8:06	58	12/2/2017 17:11	66	13/2/2017 22:16	65	16/2/2017 19:21	50
12/2/2017 8:11	62	12/2/2017 17:16	65	13/2/2017 22:21	65	16/2/2017 19:26	66
12/2/2017 8:16	56	12/2/2017 17:21	66	13/2/2017 22:26	65	16/2/2017 19:31	66
12/2/2017 8:21	54	12/2/2017 17:26	65	13/2/2017 22:31	65	16/2/2017 19:36	66
12/2/2017 8:26	55	12/2/2017 17:31	65	13/2/2017 22:36	65	16/2/2017 19:41	66
12/2/2017 8:31	58	12/2/2017 17:36	65	13/2/2017 22:41	65	16/2/2017 19:46	66
12/2/2017 8:36	57	12/2/2017 17:41	66	13/2/2017 22:46	65	16/2/2017 19:51	65
12/2/2017 8:41	56	12/2/2017 17:46	65	13/2/2017 22:51	65	16/2/2017 19:56	66
12/2/2017 8:46	59	12/2/2017 17:51	66	13/2/2017 22:56	65	16/2/2017 20:01	65
12/2/2017 8:51	58	12/2/2017 17:56	65	14/2/2017 19:01	63	16/2/2017 20:06	65
12/2/2017 8:56	58	12/2/2017 18:01	65	14/2/2017 19:06	66	16/2/2017 20:11	

Real-time Noise Data		RTN3 (Po Leung Kuk Yu Lee Mo Fan Memorial School)					
19/2/2017 14:26	66	20/2/2017 19:31	66	22/2/2017 20:36	65	24/2/2017 21:41	66
19/2/2017 14:31	65	20/2/2017 19:36	66	22/2/2017 20:41	65	24/2/2017 21:46	66
19/2/2017 14:36	66	20/2/2017 19:41	63	22/2/2017 20:46	65	24/2/2017 21:51	66
19/2/2017 14:41	65	20/2/2017 19:46	66	22/2/2017 20:51	65	24/2/2017 21:56	65
19/2/2017 14:46	65	20/2/2017 19:51	66	22/2/2017 20:56	65	24/2/2017 22:01	65
19/2/2017 14:51	66	20/2/2017 19:56	65	22/2/2017 21:01	65	24/2/2017 22:06	66
19/2/2017 14:56	66	20/2/2017 20:01	66	22/2/2017 21:06	66	24/2/2017 22:11	66
19/2/2017 15:01	65	20/2/2017 20:06	65	22/2/2017 21:11	65	24/2/2017 22:16	65
19/2/2017 15:06	65	20/2/2017 20:11	66	22/2/2017 21:16	65	24/2/2017 22:21	65
19/2/2017 15:11	65	20/2/2017 20:16	66	22/2/2017 21:21	65	24/2/2017 22:26	66
19/2/2017 15:16	65	20/2/2017 20:21	65	22/2/2017 21:26	65	24/2/2017 22:31	66
19/2/2017 15:21	66	20/2/2017 20:26	66	22/2/2017 21:31	64	24/2/2017 22:36	65
19/2/2017 15:26	66	20/2/2017 20:31	65	22/2/2017 21:36	65	24/2/2017 22:41	66
19/2/2017 15:31	60	20/2/2017 20:36	65	22/2/2017 21:41	65	24/2/2017 22:46	66
19/2/2017 15:36	65	20/2/2017 20:41	65	22/2/2017 21:46	65	24/2/2017 22:51	66
19/2/2017 15:41	66	20/2/2017 20:46	65	22/2/2017 21:51	65	24/2/2017 22:56	66
19/2/2017 15:46	66	20/2/2017 20:51	65	22/2/2017 21:56	66	25/2/2017 19:01	66
19/2/2017 15:51	65	20/2/2017 20:56	65	22/2/2017 22:01	65	25/2/2017 19:06	66
19/2/2017 15:56	65	20/2/2017 21:01	65	22/2/2017 22:06	65	25/2/2017 19:11	66
19/2/2017 16:01	66	20/2/2017 21:06	65	22/2/2017 22:11	65	25/2/2017 19:16	65
19/2/2017 16:06	65	20/2/2017 21:11	65	22/2/2017 22:16	65	25/2/2017 19:21	52
19/2/2017 16:11	65	20/2/2017 21:16	65	22/2/2017 22:21	65	25/2/2017 19:26	66
19/2/2017 16:16	65	20/2/2017 21:21	65	22/2/2017 22:26	65	25/2/2017 19:31	66
19/2/2017 16:21	66	20/2/2017 21:26	65	22/2/2017 22:31	66	25/2/2017 19:36	65
19/2/2017 16:26	48	20/2/2017 21:31	65	22/2/2017 22:36	65	25/2/2017 19:41	65
19/2/2017 16:31	65	20/2/2017 21:36	65	22/2/2017 22:41	65	25/2/2017 19:46	65
19/2/2017 16:36	65	20/2/2017 21:41	65	22/2/2017 22:46	65	25/2/2017 19:51	65
19/2/2017 16:41	66	20/2/2017 21:46	57	22/2/2017 22:51	65	25/2/2017 19:56	66
19/2/2017 16:46	66	20/2/2017 21:51	65	22/2/2017 22:56	64	25/2/2017 20:01	66
19/2/2017 16:51	66	20/2/2017 21:56	65	23/2/2017 19:01	65	25/2/2017 20:06	66
19/2/2017 16:56	66	20/2/2017 22:01	65	23/2/2017 19:06	66	25/2/2017 20:11	65
19/2/2017 17:01	65	20/2/2017 22:06	65	23/2/2017 19:11	66	25/2/2017 20:16	65
19/2/2017 17:06	65	20/2/2017 22:11	65	23/2/2017 19:16	66	25/2/2017 20:21	66
19/2/2017 17:11	65	20/2/2017 22:16	64	23/2/2017 19:21	66	25/2/2017 20:26	66
19/2/2017 17:16	65	20/2/2017 22:21	64	23/2/2017 19:26	66	25/2/2017 20:31	65
19/2/2017 17:21	66	20/2/2017 22:26	65	23/2/2017 19:31	66	25/2/2017 20:36	66
19/2/2017 17:26	66	20/2/2017 22:31	65	23/2/2017 19:36	65	25/2/2017 20:41	58
19/2/2017 17:31	65	20/2/2017 22:36	64	23/2/2017 19:41	65	25/2/2017 20:46	64
19/2/2017 17:36	65	20/2/2017 22:41	64	23/2/2017 19:46	65	25/2/2017 20:51	65
19/2/2017 17:41	65	20/2/2017 22:46	65	23/2/2017 19:51	65	25/2/2017 20:56	65
19/2/2017 17:46	65	20/2/2017 22:51	64	23/2/2017 19:56	66	25/2/2017 21:01	65
19/2/2017 17:51	66	20/2/2017 22:56	64	23/2/2017 20:01	66	25/2/2017 21:06	65
19/2/2017 17:56	66	21/2/2017 19:01	65	23/2/2017 20:06	65	25/2/2017 21:11	65
19/2/2017 18:01	65	21/2/2017 19:06	66	23/2/2017 20:11	65	25/2/2017 21:16	65
19/2/2017 18:06	66	21/2/2017 19:11	66	23/2/2017 20:16	65	25/2/2017 21:21	65
19/2/2017 18:11	66	21/2/2017 19:16	66	23/2/2017 20:21	65	25/2/2017 21:26	65
19/2/2017 18:16	65	21/2/2017 19:21	65	23/2/2017 20:26	65	25/2/2017 21:31	65
19/2/2017 18:21	65	21/2/2017 19:26	66	23/2/2017 20:31	65	25/2/2017 21:36	66
19/2/2017 18:26	65	21/2/2017 19:31	66	23/2/2017 20:36	65	25/2/2017 21:41	65
19/2/2017 18:31	65	21/2/2017 19:36	65	23/2/2017 20:41	65	25/2/2017 21:46	65
19/2/2017 18:36	64	21/2/2017 19:41	65	23/2/2017 20:46	65	25/2/2017 21:51	65
19/2/2017 18:41	65	21/2/2017 19:46	65	23/2/2017 20:51	64	25/2/2017 21:56	65
19/2/2017 18:46	65	21/2/2017 19:51	64	23/2/2017 20:56	65	25/2/2017 22:01	65
19/2/2017 18:51	65	21/2/2017 19:56	65	23/2/2017 21:01	65	25/2/2017 22:06	64
19/2/2017 18:56	65	21/2/2017 20:01	65	23/2/2017 21:06	65	25/2/2017 22:11	64
19/2/2017 19:01	65	21/2/2017 20:06	65	23/2/2017 21:11	65	25/2/2017 22:16	65
19/2/2017 19:06	65	21/2/2017 20:11	65	23/2/2017 21:16	65	25/2/2017 22:21	65
19/2/2017 19:11	65	21/2/2017 20:16	65	23/2/2017 21:21	65	25/2/2017 22:26	65
19/2/2017 19:16	65	21/2/2017 20:21	65	23/2/2017 21:26	65	25/2/2017 22:31	65
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19/2/2017 19:36	65	21/2/2017 20:41	65	23/2/2017 21:46	65	25/2/2017 22:51	65
19/2/2017 19:41	65	21/2/2017 20:46	65	23/2/2017 21:51	65	25/2/2017 22:56	65
19/2/2017 19:46	65	21/2/2017 20:51	65	23/2/2017 21:56	66	26/2/2017 7:01	64
19/2/2017 19:51	64	21/2/2017 20:56	65	23/2/2017 22:01	65	26/2/2017 7:06	64
19/2/2017 19:56	65	21/2/2017 21:01	65	23/2/2017 22:06	66	26/2/2017 7:11	65
19/2/2017 20:01	65	21/2/2017 21:06	66	23/2/2017 22:11	66	26/2/2017 7:16	66
19/2/2017 20:06	64	21/2/2017 21:11	64	23/2/2017 22:16	65	26/2/2017 7:21	63
19/2/2017 20:11	65	21/2/2017 21:16	65	23/2/2017 22:21	65	26/2/2017 7:26	65
19/2/2017 20:16	65	21/2/2017 21:21	64	23/2/2017 22:26	65	26/2/2017 7:31	65
19/2/2017 20:21	65	21/2/2017 21:26	65	23/2/2017 22:31	66	26/2/2017 7:36	64
19/2/2017 20:26	65	21/2/2017 21:31	65	23/2/2017 22:36	65	26/2/2017 7:41	65
19/2/2017 20:31	65	21/2/2017 21:36	65	23/2/2017 22:41	65	26/2/2017 7:46	66
19/2/2017 20:36	64	21/2/2017 21:41	65	23/2/2017 22:46	65	26/2/2017 7:51	65
19/2/2017 20:41	65	21/2/2017 21:46	65	23/2/2017 22:51	65	26/2/2017 7:56	65
19/2/2017 20:46	64	21/2/2017 21:51	65	23/2/2017 22:56	65	26/2/2017 8:01	66
19/2/2017 20:51	64	21/2/2017 21:56	65	24/2/2017 19:01	63	26/2/2017 8:06	65
19/2/2017 20:56	64	21/2/2017 22:01	65	24/2/2017 19:06	62	26/2/2017 8:11	65
19/2/2017 21:01	64	21/2/2017 22:06	65	24/2/2017 19:11	63	26/2/2017 8:16	66
19/2/2017 21:06	64	21/2/2017 22:11	65	24/2/2017 19:16	62	26/2/2017 8:21	66
19/2/2017 21:11	64	21/2/2017 22:16	65	24/2/2017 19:21	63	26/2/2017 8:26	58
19/2/2017 21:16	65	21/2/2017 22:21	65	24/2/2017 19:26	62	26/2/2017 8:31	51
19/2/2017 21:21	65	21/2/2017 22:26	65	24/2/2017 19:31	63	26/2/2017 8:36	66
19/2/2017 21:26	65	21/2/2017 22:31	65	24/2/2017 19:36	62	26/2/2017 8:41	66
19/2/2017 21:31	64	21/2/2017 22:36	65	24/2/2017 19:41	62	26/2/2017 8:46	66
19/2/2017 21:36	64	21/2/2017 22:41	65	24/2/2017 19:46	60	26/2/2017 8:51	66
19/2/2017 21:41	65	21/2/2017 22:46	65	24/2/2017 19:51	62	26/2/2017 8:56	58
19/2/2017 21:46	65	21/2/2017 22:51	65	24/2/2017 19:56	63	26/2/2017 9:01	66
19/2/2017 21:51	64	21/2/2017 22:56	64	24/2/2017 20:01	66	26/2/2017 9:06	66
19/2/2017 21:56	64	22/2/2017 19:01	66	24/2/2017 20:06	66	26/2/2017 9:11	55
19/2/2017 22:01	65	22/2/2017 19:06	66	24/2/2017 20:11	66	26/2/2017 9:16	66
19/2/2017 22:06	65	22/2/2017 19:11	66	24/2/2017 20:16	66	26/2/2017 9:21	53
19/2/2017 22:11	65	22/2/2017 19:16	63	24/2/2017 20:21	66	26/2/2017 9:26	53
19/2/2017 22:16	64	22/2/2017 19:21	66	24/2/2017 20:26	66	26/2/2017 9:31	57
19/2/2017 22:21	65	22/2/2017 19:26	66	24/2/2017 20:31	66	26/2/2017 9:36	66
19/2/2017 22:26	64	22/2/2017 19:31	66	24/2/2017 20:36	66	26/2/2017 9:41	66
19/2/2017 22:31	64	22/2/2017 19:36	66	24/2/2017 20:41	66	26/2/2017 9:46	66
19/2/2017 22:36	64	22/2/2017 19:41	66	24/2/2017 20:46	51	26/2/2017 9:51	58
19/2/2017 22:41	64	22/2/2017 19:46	65	24/2/2017 20:51	66	26/2/2017 9:56	66
19/2/2017 22:46	64	22/2/2017 19:51	65	24/2/2017 20:56	66	26/2/2017 10:01	66
19/2/2017 22:51	64	22/2/2017 19:56	65	24/2/2017 21:01	53	26/2/2017 10:06	66
19/2/2017 22:56	64	22/2/2017 20:01	66	24/2/2017 21:06	65	26/2/2017 10:11	66
20/2/2017 19:01	66	22/2/2017 20:06	66	24/2/2017 21:11	65	26/2/2017 10:16	66
20/2/2017 19:06	66	22/2/2017 20:11	65	24/2/2017 21:16	65	26/2/2017 10:21	56
20/2/2017 19:11	65	22/2/2017 20:16	66	24/2/2017 21:21	66	26/2/2017 10:26	66
20/2/2017 19:16	66	22/2/2017 20:21	65	24/2/2017 21:26	66	26/2/2017 10:31	51
20/2/2017 19:21	58	22/2/2017 20:26	66	24/2/2017 21:31	66	26/2/2017 10:36	66
20/2/2017 19:26	66	22/2/2017 20:31	66	24/2/2017 21:36	66	26/2/2017 10:41	

Real-time Noise Data		RTN3 (Po Leung Kuk Yu Lee Mo Fan Memorial School)									
27/1/2017 5:41	61	28/1/2017 6:46	62	29/1/2017 23:51	57	31/1/2017 0:56	56	1/2/2017 2:01	62	2/2/2017 3:06	61
27/1/2017 5:46	61	28/1/2017 6:51	51	29/1/2017 23:56	57	31/1/2017 1:01	63	1/2/2017 2:06	61	2/2/2017 3:11	59
27/1/2017 5:51	61	28/1/2017 6:56	63	30/1/2017 0:01	57	31/1/2017 1:06	58	1/2/2017 2:11	61	2/2/2017 3:16	59
27/1/2017 5:56	62	28/1/2017 23:01	61	30/1/2017 0:06	54	31/1/2017 1:11	63	1/2/2017 2:16	61	2/2/2017 3:21	58
27/1/2017 6:01	61	28/1/2017 23:06	59	30/1/2017 0:11	55	31/1/2017 1:16	63	1/2/2017 2:21	62	2/2/2017 3:26	60
27/1/2017 6:06	62	28/1/2017 23:11	58	30/1/2017 0:16	55	31/1/2017 1:21	63	1/2/2017 2:26	61	2/2/2017 3:31	59
27/1/2017 6:11	63	28/1/2017 23:16	60	30/1/2017 0:21	54	31/1/2017 1:26	63	1/2/2017 2:31	61	2/2/2017 3:36	61
27/1/2017 6:16	63	28/1/2017 23:21	59	30/1/2017 0:26	53	31/1/2017 1:31	63	1/2/2017 2:36	60	2/2/2017 3:41	60
27/1/2017 6:21	59	28/1/2017 23:26	58	30/1/2017 0:31	55	31/1/2017 1:36	63	1/2/2017 2:41	61	2/2/2017 3:46	60
27/1/2017 6:26	58	28/1/2017 23:31	56	30/1/2017 0:36	50	31/1/2017 1:41	53	1/2/2017 2:46	60	2/2/2017 3:51	60
27/1/2017 6:31	58	28/1/2017 23:36	54	30/1/2017 0:41	62	31/1/2017 1:46	63	1/2/2017 2:51	60	2/2/2017 3:56	59
27/1/2017 6:36	58	28/1/2017 23:41	53	30/1/2017 0:46	63	31/1/2017 1:51	63	1/2/2017 2:56	59	2/2/2017 4:01	59
27/1/2017 6:41	58	28/1/2017 23:46	58	30/1/2017 0:51	45	31/1/2017 1:56	63	1/2/2017 3:01	61	2/2/2017 4:06	58
27/1/2017 6:46	60	28/1/2017 23:51	58	30/1/2017 0:56	61	31/1/2017 2:01	63	1/2/2017 3:06	59	2/2/2017 4:11	59
27/1/2017 6:51	58	28/1/2017 23:56	59	30/1/2017 1:01	63	31/1/2017 2:06	62	1/2/2017 3:11	61	2/2/2017 4:16	58
27/1/2017 6:56	60	29/1/2017 0:01	54	30/1/2017 1:06	63	31/1/2017 2:11	63	1/2/2017 3:16	58	2/2/2017 4:21	60
27/1/2017 23:01	61	29/1/2017 0:06	54	30/1/2017 1:11	63	31/1/2017 2:16	62	1/2/2017 3:21	59	2/2/2017 4:26	59
27/1/2017 23:06	60	29/1/2017 0:11	42	30/1/2017 1:16	62	31/1/2017 2:21	62	1/2/2017 3:26	58	2/2/2017 4:31	60
27/1/2017 23:11	59	29/1/2017 0:16	57	30/1/2017 1:21	62	31/1/2017 2:26	62	1/2/2017 3:31	61	2/2/2017 4:36	60
27/1/2017 23:16	60	29/1/2017 0:21	63	30/1/2017 1:26	63	31/1/2017 2:31	62	1/2/2017 3:36	60	2/2/2017 4:41	60
27/1/2017 23:21	60	29/1/2017 0:26	63	30/1/2017 1:31	62	31/1/2017 2:36	62	1/2/2017 3:41	59	2/2/2017 4:46	58
27/1/2017 23:26	61	29/1/2017 0:31	63	30/1/2017 1:36	62	31/1/2017 2:41	62	1/2/2017 3:46	58	2/2/2017 4:51	59
27/1/2017 23:31	59	29/1/2017 0:36	67	30/1/2017 1:41	63	31/1/2017 2:46	63	1/2/2017 3:51	60	2/2/2017 4:56	60
27/1/2017 23:36	56	29/1/2017 0:41	49	30/1/2017 1:46	63	31/1/2017 2:51	62	1/2/2017 3:56	60	2/2/2017 5:01	59
27/1/2017 23:41	60	29/1/2017 0:46	62	30/1/2017 1:51	62	31/1/2017 2:56	63	1/2/2017 4:01	57	2/2/2017 5:06	59
27/1/2017 23:46	58	29/1/2017 0:51	62	30/1/2017 1:56	62	31/1/2017 3:01	62	1/2/2017 4:06	58	2/2/2017 5:11	60
27/1/2017 23:51	61	29/1/2017 0:56	62	30/1/2017 2:01	61	31/1/2017 3:06	61	1/2/2017 4:11	60	2/2/2017 5:16	60
27/1/2017 23:56	56	29/1/2017 1:01	62	30/1/2017 2:06	61	31/1/2017 3:11	62	1/2/2017 4:16	59	2/2/2017 5:21	59
28/1/2017 0:01	58	29/1/2017 1:06	63	30/1/2017 2:11	62	31/1/2017 3:16	62	1/2/2017 4:21	60	2/2/2017 5:26	61
28/1/2017 0:06	45	29/1/2017 1:11	62	30/1/2017 2:16	61	31/1/2017 3:21	62	1/2/2017 4:26	58	2/2/2017 5:31	61
28/1/2017 0:11	55	29/1/2017 1:16	63	30/1/2017 2:21	62	31/1/2017 3:26	61	1/2/2017 4:31	61	2/2/2017 5:36	48
28/1/2017 0:16	55	29/1/2017 1:21	62	30/1/2017 2:26	62	31/1/2017 3:31	61	1/2/2017 4:36	60	2/2/2017 5:41	61
28/1/2017 0:21	54	29/1/2017 1:26	62	30/1/2017 2:31	62	31/1/2017 3:36	62	1/2/2017 4:41	59	2/2/2017 5:46	61
28/1/2017 0:26	56	29/1/2017 1:31	61	30/1/2017 2:36	62	31/1/2017 3:41	62	1/2/2017 4:46	59	2/2/2017 5:51	61
28/1/2017 0:31	49	29/1/2017 1:36	62	30/1/2017 2:41	62	31/1/2017 3:46	61	1/2/2017 4:51	59	2/2/2017 5:56	62
28/1/2017 0:36	56	29/1/2017 1:41	60	30/1/2017 2:46	60	31/1/2017 3:51	61	1/2/2017 4:56	60	2/2/2017 6:01	62
28/1/2017 0:41	54	29/1/2017 1:46	60	30/1/2017 2:51	61	31/1/2017 3:56	61	1/2/2017 5:01	61	2/2/2017 6:06	61
28/1/2017 0:46	50	29/1/2017 1:51	61	30/1/2017 2:56	60	31/1/2017 4:01	61	1/2/2017 5:06	60	2/2/2017 6:11	61
28/1/2017 0:51	61	29/1/2017 1:56	62	30/1/2017 3:01	60	31/1/2017 4:06	60	1/2/2017 5:11	60	2/2/2017 6:16	51
28/1/2017 0:56	45	29/1/2017 2:01	61	30/1/2017 3:06	60	31/1/2017 4:11	61	1/2/2017 5:16	60	2/2/2017 6:21	63
28/1/2017 1:01	63	29/1/2017 2:06	62	30/1/2017 3:11	61	31/1/2017 4:16	61	1/2/2017 5:21	59	2/2/2017 6:26	46
28/1/2017 1:06	50	29/1/2017 2:11	62	30/1/2017 3:16	60	31/1/2017 4:21	61	1/2/2017 5:26	59	2/2/2017 6:31	47
28/1/2017 1:11	53	29/1/2017 2:16	61	30/1/2017 3:21	60	31/1/2017 4:26	62	1/2/2017 5:31	59	2/2/2017 6:36	63
28/1/2017 1:16	63	29/1/2017 2:21	61	30/1/2017 3:26	60	31/1/2017 4:31	60	1/2/2017 5:36	61	2/2/2017 6:41	63
28/1/2017 1:21	63	29/1/2017 2:26	61	30/1/2017 3:31	60	31/1/2017 4:36	61	1/2/2017 5:41	61	2/2/2017 6:46	56
28/1/2017 1:26	63	29/1/2017 2:31	60	30/1/2017 3:36	61	31/1/2017 4:41	60	1/2/2017 5:46	60	2/2/2017 6:51	59
28/1/2017 1:31	63	29/1/2017 2:36	61	30/1/2017 3:41	61	31/1/2017 4:46	61	1/2/2017 5:51	61	2/2/2017 6:56	58
28/1/2017 1:36	63	29/1/2017 2:41	61	30/1/2017 3:46	59	31/1/2017 4:51	60	1/2/2017 5:56	62	2/2/2017 23:01	57
28/1/2017 1:41	62	29/1/2017 2:46	59	30/1/2017 3:51	60	31/1/2017 4:56	60	1/2/2017 6:01	61	2/2/2017 23:06	60
28/1/2017 1:46	62	29/1/2017 2:51	61	30/1/2017 3:56	60	31/1/2017 5:01	61	1/2/2017 6:06	62	2/2/2017 23:11	60
28/1/2017 1:51	62	29/1/2017 2:56	60	30/1/2017 4:01	61	31/1/2017 5:06	61	1/2/2017 6:11	62	2/2/2017 23:16	58
28/1/2017 1:56	62	29/1/2017 3:01	62	30/1/2017 4:06	60	31/1/2017 5:11	61	1/2/2017 6:16	63	2/2/2017 23:21	59
28/1/2017 2:01	62	29/1/2017 3:06	59	30/1/2017 4:11	59	31/1/2017 5:16	59	1/2/2017 6:21	45	2/2/2017 23:26	60
28/1/2017 2:06	63	29/1/2017 3:11	60	30/1/2017 4:16	59	31/1/2017 5:21	60	1/2/2017 6:26	63	2/2/2017 23:31	60
28/1/2017 2:11	62	29/1/2017 3:16	60	30/1/2017 4:21	60	31/1/2017 5:26	60	1/2/2017 6:31	63	2/2/2017 23:36	59
28/1/2017 2:16	63	29/1/2017 3:21	60	30/1/2017 4:26	61	31/1/2017 5:31	61	1/2/2017 6:36	52	2/2/2017 23:41	55
28/1/2017 2:21	45	29/1/2017 3:26	60	30/1/2017 4:31	60	31/1/2017 5:36	60	1/2/2017 6:41	54	2/2/2017 23:46	53
28/1/2017 2:26	54	29/1/2017 3:31	61	30/1/2017 4:36	60	31/1/2017 5:41	61	1/2/2017 6:46	57	2/2/2017 23:51	54
28/1/2017 2:31	62	29/1/2017 3:36	59	30/1/2017 4:41	61	31/1/2017 5:46	61	1/2/2017 6:51	60	2/2/2017 23:56	58
28/1/2017 2:36	49	29/1/2017 3:41	60	30/1/2017 4:46	59	31/1/2017 5:51	61	1/2/2017 6:56	59	3/2/2017 0:01	51
28/1/2017 2:41	62	29/1/2017 3:46	61	30/1/2017 4:51	59	31/1/2017 5:56	62	1/2/2017 23:01	67	3/2/2017 0:06	57
28/1/2017 2:46	62	29/1/2017 3:51	60	30/1/2017 4:56	59	31/1/2017 6:01	61	1/2/2017 23:06	58	3/2/2017 0:11	55
28/1/2017 2:51	62	29/1/2017 3:56	60	30/1/2017 5:01	60	31/1/2017 6:06	61	1/2/2017 23:11	62	3/2/2017 0:16	54
28/1/2017 2:56	62	29/1/2017 4:01	60	30/1/2017 5:06	60	31/1/2017 6:11	62	1/2/2017 23:16	59	3/2/2017 0:21	56
28/1/2017 3:01	61	29/1/2017 4:06	59	30/1/2017 5:11	59	31/1/2017 6:16	62	1/2/2017 23:21	58	3/2/2017 0:26	63
28/1/2017 3:06	63	29/1/2017 4:11	60	30/1/2017 5:16	59	31/1/2017 6:21	62	1/2/2017 23:26	67	3/2/2017 0:31	50
28/1/2017 3:11	61	29/1/2017 4:16	59	30/1/2017 5:21	59	31/1/2017 6:26	62	1/2/2017 23:31	57	3/2/2017 0:36	56
28/1/2017 3:16	61	29/1/2017 4:21	60	30/1/2017 5:26	60	31/1/2017 6:31	63	1/2/2017 23:36	62	3/2/2017 0:41	53
28/1/2017 3:21	62	29/1/2017 4:26	59	30/1/2017 5:31	60	31/1/2017 6:36	63	1/2/2017 23:41	52	3/2/2017 0:46	63
28/1/2017 3:26	61	29/1/2017 4:31	60	30/1/2017 5:36	61	31/1/2017 6:41	62	1/2/2017 23:46	52	3/2/2017 0:51	62
28/1/2017 3:31	62	29/1/2017 4:36	59	30/1/2017 5:41	61	31/1/2017 6:46	63	1/2/2017 23:51	56	3/2/2017 0:56	63
28/1/2017 3:36	60	29/1/2017 4:41	59	30/1/2017 5:46	62	31/1/2017 6:51	56	1/2/2017 23:56	52	3/2/2017 1:01	63
28/1/2017 3:41	67	29/1/2017 4:46	59	30/1/2017 5:51	60	31/1/2017 6:56	40	2/2/2017 0:01	53	3/2/2017 1:06	62
28/1/2017 3:46	61	29/1/2017 4:51	60	30/1/2017 5:56	62	31/1/2017 23:01	60	2/2/2017 0:06	53	3/2/2017 1:11	62
28/1/2017 3:51	61	29/1/2017 4:56	59	30/1/2017 6:01	60	31/1/2017 23:06	60	2/2/2017 0:11	52	3/2/2017 1:16	62
28/1/2017 3:56	62	29/1/2017 5:01	59	30/1/2017 6:06	60	31/1/2017 23:11	60	2/2/2017 0:16	50	3/2/2017 1:21	62
28/1/2017 4:01	60	29/1/2017 5:06	59	30/1/2017 6:11	61	31					

Real-time Noise Data		RTN3 (Po Leung Kuk Yu Lee Mo Fan Memorial School)									
3/2/2017 4:11	59	4/2/2017 5:16	62	5/2/2017 6:21	62	6/2/2017 23:26	56	8/2/2017 0:31	52	9/2/2017 1:36	61
3/2/2017 4:16	63	4/2/2017 5:21	61	5/2/2017 6:26	63	6/2/2017 23:31	59	8/2/2017 0:36	62	9/2/2017 1:41	62
3/2/2017 4:21	59	4/2/2017 5:26	61	5/2/2017 6:31	54	6/2/2017 23:36	59	8/2/2017 0:41	63	9/2/2017 1:46	61
3/2/2017 4:26	60	4/2/2017 5:31	61	5/2/2017 6:36	51	6/2/2017 23:41	56	8/2/2017 0:46	62	9/2/2017 1:51	62
3/2/2017 4:31	60	4/2/2017 5:36	61	5/2/2017 6:41	63	6/2/2017 23:46	54	8/2/2017 0:51	63	9/2/2017 1:56	61
3/2/2017 4:36	59	4/2/2017 5:41	60	5/2/2017 6:46	54	6/2/2017 23:51	58	8/2/2017 0:56	62	9/2/2017 2:01	61
3/2/2017 4:41	59	4/2/2017 5:46	62	5/2/2017 6:51	59	6/2/2017 23:56	51	8/2/2017 1:01	62	9/2/2017 2:06	61
3/2/2017 4:46	58	4/2/2017 5:51	62	5/2/2017 6:56	59	7/2/2017 0:01	58	8/2/2017 1:06	51	9/2/2017 2:11	61
3/2/2017 4:51	59	4/2/2017 5:56	62	5/2/2017 23:01	61	7/2/2017 0:06	50	8/2/2017 1:11	62	9/2/2017 2:16	62
3/2/2017 4:56	60	4/2/2017 6:01	61	5/2/2017 23:06	44	7/2/2017 0:11	56	8/2/2017 1:16	63	9/2/2017 2:21	59
3/2/2017 5:01	59	4/2/2017 6:06	63	5/2/2017 23:11	59	7/2/2017 0:16	54	8/2/2017 1:21	62	9/2/2017 2:26	61
3/2/2017 5:06	60	4/2/2017 6:11	51	5/2/2017 23:16	59	7/2/2017 0:21	52	8/2/2017 1:26	62	9/2/2017 2:31	61
3/2/2017 5:11	60	4/2/2017 6:16	63	5/2/2017 23:21	55	7/2/2017 0:26	61	8/2/2017 1:31	61	9/2/2017 2:36	60
3/2/2017 5:16	60	4/2/2017 6:21	63	5/2/2017 23:26	53	7/2/2017 0:31	54	8/2/2017 1:36	61	9/2/2017 2:41	60
3/2/2017 5:21	61	4/2/2017 6:26	56	5/2/2017 23:31	54	7/2/2017 0:36	47	8/2/2017 1:41	62	9/2/2017 2:46	59
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3/2/2017 23:01	61	5/2/2017 0:06	55	6/2/2017 1:11	62	7/2/2017 2:16	61	8/2/2017 3:21	59	9/2/2017 4:26	60
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3/2/2017 23:36	59	5/2/2017 0:41	53	6/2/2017 1:46	61	7/2/2017 2:51	61	8/2/2017 3:56	59	9/2/2017 5:01	61
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4/2/2017 1:31	63	5/2/2017 2:36	62	6/2/2017 3:41	60	7/2/2017 4:46	60	8/2/2017 5:51	61	9/2/2017 6:56	63
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4/2/2017 2:01	63	5/2/2017 3:06	61	6/2/2017 4:11	58	7/2/2017 5:16	60	8/2/2017 6:21	60	9/2/2017 23:26	59
4/2/2017 2:06	62	5/2/2017 3:11	62	6/2/2017 4:16	59	7/2/2017 5:21	61	8/2/2017 6:26	58	9/2/2017 23:31	60
4/2/2017 2:11	62	5/2/2017 3:16	61	6/2/2017 4:21	59	7/2/2017 5:26	61	8/2/2017 6:31	59	9/2/2017 23:36	58
4/2/2017 2:16	55	5/2/2017 3:21	61	6/2/2017 4:26	58	7/2/2017 5:31	61	8/2/2017 6:36	58	9/2/2017 23:41	52
4/2/2017 2:21	62	5/2/2017 3:26	62	6/2/2017 4:31	60	7/2/2017 5:36	61	8/2/2017 6:41	60	9/2/2017 23:46	43
4/2/2017 2:26	62	5/2/2017 3:31	62	6/2/2017 4:36	58	7/2/2017 5:41	61	8/2/2017 6:46	60	9/2/2017 23:51	40
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4/2/2017 2:36	62	5/2/2017 3:41	61	6/2/2017 4:46	60	7/2/2017 5:51	62	8/2/2017 6:56	63	10/2/2017 0:01	47
4/2/2017 2:41	63	5/2/2017 3:46	62	6/2/2017 4:51	60</						

Real-time Noise Data		RTN3 (Po Leung Kuk Yu Lee Mo Fan Memorial School)									
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10/2/2017 2:46	60	11/2/2017 3:51	61	12/2/2017 4:56	46	13/2/2017 6:01	62	14/2/2017 23:06	59	16/2/2017 0:11	56
10/2/2017 2:51	60	11/2/2017 3:56	61	12/2/2017 5:01	46	13/2/2017 6:06	62	14/2/2017 23:11	61	16/2/2017 0:16	54
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10/2/2017 3:01	59	11/2/2017 4:06	61	12/2/2017 5:11	46	13/2/2017 6:16	55	14/2/2017 23:21	58	16/2/2017 0:26	52
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10/2/2017 3:16	60	11/2/2017 4:21	62	12/2/2017 5:26	51	13/2/2017 6:31	59	14/2/2017 23:36	60	16/2/2017 0:41	49
10/2/2017 3:21	60	11/2/2017 4:26	61	12/2/2017 5:31	48	13/2/2017 6:36	57	14/2/2017 23:41	60	16/2/2017 0:46	48
10/2/2017 3:26	60	11/2/2017 4:31	61	12/2/2017 5:36	46	13/2/2017 6:41	59	14/2/2017 23:46	60	16/2/2017 0:51	62
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10/2/2017 3:41	58	11/2/2017 4:46	61	12/2/2017 5:51	49	13/2/2017 6:56	63	15/2/2017 0:01	53	16/2/2017 1:06	62
10/2/2017 3:46	58	11/2/2017 4:51	61	12/2/2017 5:56	50	13/2/2017 23:01	60	15/2/2017 0:06	58	16/2/2017 1:11	62
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10/2/2017 5:16	60	11/2/2017 6:21	45	12/2/2017 23:26	56	14/2/2017 0:31	57	15/2/2017 1:36	62	16/2/2017 2:41	59
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10/2/2017 23:11	60	12/2/2017 0:16	51	13/2/2017 1:21	61	14/2/2017 2:26	61	15/2/2017 3:31	61	16/2/2017 4:36	58
10/2/2017 23:16	59	12/2/2017 0:21	56	13/2/2017 1:26	61	14/2/2017 2:31	62	15/2/2017 3:36	60	16/2/2017 4:41	60
10/2/2017 23:21	59	12/2/2017 0:26	63	13/2/2017 1:31	60	14/2/2017 2:36	62	15/2/2017 3:41	59	16/2/2017 4:46	59
10/2/2017 23:26	60	12/2/2017 0:31	50	13/2/2017 1:36	60	14/2/2017 2:41	61	15/2/2017 3:46	59	16/2/2017 4:51	59
10/2/2017 23:31	58	12/2/2017 0:36	58	13/2/2017 1:41	61	14/2/2017 2:46	61	15/2/2017 3:51	59	16/2/2017 4:56	59
10/2/2017 23:36	58	12/2/2017 0:41	53	13/2/2017 1:46	60	14/2/2017 2:51	61	15/2/2017 3:56	60	16/2/2017 5:01	59
10/2/2017 23:41	59	12/2/2017 0:46	53	13/2/2017 1:51	61	14/2/2017 2:56	59	15/2/2017 4:01	59	16/2/2017 5:06	59
10/2/2017 23:46	56	12/2/2017 0:51	56	13/2/2017 1:56	60	14/2/2017 3:01	58	15/2/2017 4:06	59	16/2/2017 5:11	58
10/2/2017 23:51	59	12/2/2017 0:56	54	13/2/2017 2:01	60	14/2/2017 3:06	60	15/2/2017 4:11	60	16/2/2017 5:16	60
10/2/2017 23:56	59	12/2/2017 1:01	44	13/2/2017 2:06	61	14/2/2017 3:11	60	15/2/2017 4:16	59	16/2/2017 5:21	61
11/2/2017 0:01	59	12/2/2017 1:06	63	13/2/2017 2:11	59	14/2/2017 3:16	60	15/2/2017 4:21	61	16/2/2017 5:26	61
11/2/2017 0:06	58	12/2/2017 1:11	62	13/2/2017 2:16	60	14/2/2017 3:21	60	15/2/2017 4:26	61	16/2/2017 5:31	60
11/2/2017 0:11	52	12/2/2017 1:16	63	13/2/2017 2:21	60	14/2/2017 3:26	60	15/2/2017 4:31	61	16/2/2017 5:36	61
11/2/2017 0:16	58	12/2/2017 1:21	62	13/2/2017 2:26	60	14/2/2017 3:31	61	15/2/2017 4:36	60	16/2/2017 5:41	61
11/2/2017 0:21	61	12/2/2017 1:26	62	13/2/2017 2:31	59	14/2/2017 3:36	61	15/2/2017 4:41	60	16/2/2017 5:46	61
11/2/2017 0:26	56	12/2/2017 1:31	62	13/2/2017 2:36	58	14/2/2017 3:41	60	15/2/2017 4:46	59	16/2/2017 5:51	62
11/2/2017 0:31	57	12/2/2017 1:36	58	13/2/2017 2:41	59	14/2/2017 3:46	60	15/2/2017 4:51	60	16/2/2017 5:56	62
11/2/2017 0:36	58	12/2/2017 1:41	55	13/2/2017 2:46	58	14/2/2017 3:51	59	15/2/2017 4:56	59	16/2/2017 6:01	62
11/2/2017 0:41	56	12/2/2017 1:46	54	13/2/2017 2:51	59	14/2/2017 3:56	59	15/2/2017 5:01	60	16/2/2017 6:06	56
11/2/2017 0:46	59	12/2/2017 1:51	52	13/2/2017 2:56	58	14/2/2017 4:01	58	15/2/2017 5:06	60	16/2/2017 6:11	62
11/2/2017 0:51	60	12/2/2017 1:56	49	13/2/2017 3:01	60	14/2/2017 4:06	61	15/2/2017 5:11	59	16/2/2017 6:16	63
11/2/2017 0:56	60	12/2/2017 2:01	47	13/2/2017 3:06	58	14/2					

Real-time Noise Data		RTN3 (Po Leung Kuk Yu Lee Mo Fan Memorial School)									
17/2/2017 1:11	62	18/2/2017 2:16	57	19/2/2017 3:21	61	20/2/2017 4:26	58	21/2/2017 5:31	60	22/2/2017 6:36	60
17/2/2017 1:16	62	18/2/2017 2:21	63	19/2/2017 3:26	53	20/2/2017 4:31	60	21/2/2017 5:36	59	22/2/2017 6:41	60
17/2/2017 1:21	62	18/2/2017 2:26	62	19/2/2017 3:31	62	20/2/2017 4:36	58	21/2/2017 5:41	61	22/2/2017 6:46	63
17/2/2017 1:26	62	18/2/2017 2:31	63	19/2/2017 3:36	61	20/2/2017 4:41	59	21/2/2017 5:46	61	22/2/2017 6:51	62
17/2/2017 1:31	57	18/2/2017 2:36	63	19/2/2017 3:41	61	20/2/2017 4:46	59	21/2/2017 5:51	61	22/2/2017 6:56	63
17/2/2017 1:36	61	18/2/2017 2:41	62	19/2/2017 3:46	61	20/2/2017 4:51	59	21/2/2017 5:56	62	22/2/2017 7:01	60
17/2/2017 1:41	62	18/2/2017 2:46	49	19/2/2017 3:51	60	20/2/2017 4:56	60	21/2/2017 6:01	61	22/2/2017 7:06	59
17/2/2017 1:46	62	18/2/2017 2:51	62	19/2/2017 3:56	61	20/2/2017 5:01	60	21/2/2017 6:06	62	22/2/2017 7:11	60
17/2/2017 1:51	61	18/2/2017 2:56	63	19/2/2017 4:01	62	20/2/2017 5:06	60	21/2/2017 6:11	63	22/2/2017 7:16	60
17/2/2017 1:56	61	18/2/2017 3:01	58	19/2/2017 4:06	62	20/2/2017 5:11	60	21/2/2017 6:16	63	22/2/2017 7:21	60
17/2/2017 2:01	61	18/2/2017 3:06	61	19/2/2017 4:11	61	20/2/2017 5:16	60	21/2/2017 6:21	49	22/2/2017 7:26	60
17/2/2017 2:06	61	18/2/2017 3:11	61	19/2/2017 4:16	61	20/2/2017 5:21	59	21/2/2017 6:26	50	22/2/2017 7:31	61
17/2/2017 2:11	60	18/2/2017 3:16	61	19/2/2017 4:21	61	20/2/2017 5:26	61	21/2/2017 6:31	58	22/2/2017 7:36	59
17/2/2017 2:16	60	18/2/2017 3:21	61	19/2/2017 4:26	62	20/2/2017 5:31	60	21/2/2017 6:36	58	22/2/2017 7:41	58
17/2/2017 2:21	60	18/2/2017 3:26	61	19/2/2017 4:31	62	20/2/2017 5:36	61	21/2/2017 6:41	59	22/2/2017 7:46	59
17/2/2017 2:26	60	18/2/2017 3:31	61	19/2/2017 4:36	59	20/2/2017 5:41	60	21/2/2017 6:46	61	22/2/2017 7:51	55
17/2/2017 2:31	60	18/2/2017 3:36	61	19/2/2017 4:41	61	20/2/2017 5:46	61	21/2/2017 6:51	62	22/2/2017 7:56	56
17/2/2017 2:36	60	18/2/2017 3:41	61	19/2/2017 4:46	60	20/2/2017 5:51	61	21/2/2017 6:56	63	23/2/2017 0:01	56
17/2/2017 2:41	62	18/2/2017 3:46	61	19/2/2017 4:51	60	20/2/2017 5:56	61	21/2/2017 7:01	60	23/2/2017 0:06	48
17/2/2017 2:46	60	18/2/2017 3:51	61	19/2/2017 4:56	61	20/2/2017 6:01	61	21/2/2017 7:06	59	23/2/2017 0:11	51
17/2/2017 2:51	59	18/2/2017 3:56	60	19/2/2017 5:01	61	20/2/2017 6:06	63	21/2/2017 7:11	59	23/2/2017 0:16	53
17/2/2017 2:56	60	18/2/2017 4:01	60	19/2/2017 5:06	61	20/2/2017 6:11	60	21/2/2017 7:16	62	23/2/2017 0:21	57
17/2/2017 3:01	59	18/2/2017 4:06	61	19/2/2017 5:11	61	20/2/2017 6:16	63	21/2/2017 7:21	61	23/2/2017 0:26	58
17/2/2017 3:06	59	18/2/2017 4:11	62	19/2/2017 5:16	60	20/2/2017 6:21	52	21/2/2017 7:26	61	23/2/2017 0:31	63
17/2/2017 3:11	61	18/2/2017 4:16	59	19/2/2017 5:21	61	20/2/2017 6:26	54	21/2/2017 7:31	60	23/2/2017 0:36	49
17/2/2017 3:16	58	18/2/2017 4:21	61	19/2/2017 5:26	61	20/2/2017 6:31	58	21/2/2017 7:36	61	23/2/2017 0:41	63
17/2/2017 3:21	61	18/2/2017 4:26	61	19/2/2017 5:31	62	20/2/2017 6:36	58	21/2/2017 7:41	62	23/2/2017 0:46	52
17/2/2017 3:26	61	18/2/2017 4:31	60	19/2/2017 5:36	61	20/2/2017 6:41	60	21/2/2017 7:46	64	23/2/2017 0:51	54
17/2/2017 3:31	60	18/2/2017 4:36	61	19/2/2017 5:41	62	20/2/2017 6:46	62	21/2/2017 7:51	62	23/2/2017 0:56	62
17/2/2017 3:36	60	18/2/2017 4:41	60	19/2/2017 5:46	62	20/2/2017 6:51	63	21/2/2017 7:56	62	23/2/2017 1:01	63
17/2/2017 3:41	60	18/2/2017 4:46	61	19/2/2017 5:51	61	20/2/2017 6:56	62	22/2/2017 0:01	62	23/2/2017 1:06	62
17/2/2017 3:46	60	18/2/2017 4:51	61	19/2/2017 5:56	62	20/2/2017 7:01	58	22/2/2017 0:06	60	23/2/2017 1:11	62
17/2/2017 3:51	59	18/2/2017 4:56	61	19/2/2017 6:01	61	20/2/2017 7:06	59	22/2/2017 0:11	59	23/2/2017 1:16	62
17/2/2017 3:56	60	18/2/2017 5:01	61	19/2/2017 6:06	62	20/2/2017 7:11	59	22/2/2017 0:16	59	23/2/2017 1:21	61
17/2/2017 4:01	59	18/2/2017 5:06	61	19/2/2017 6:11	62	20/2/2017 7:16	61	22/2/2017 0:21	58	23/2/2017 1:26	61
17/2/2017 4:06	60	18/2/2017 5:11	61	19/2/2017 6:16	61	20/2/2017 7:21	58	22/2/2017 0:26	58	23/2/2017 1:31	61
17/2/2017 4:11	59	18/2/2017 5:16	62	19/2/2017 6:21	62	20/2/2017 7:26	52	22/2/2017 0:31	58	23/2/2017 1:36	61
17/2/2017 4:16	60	18/2/2017 5:21	60	19/2/2017 6:26	63	20/2/2017 7:31	58	22/2/2017 0:36	58	23/2/2017 1:41	61
17/2/2017 4:21	61	18/2/2017 5:26	61	19/2/2017 6:31	54	20/2/2017 7:36	58	22/2/2017 0:41	62	23/2/2017 1:46	61
17/2/2017 4:26	49	18/2/2017 5:31	61	19/2/2017 6:36	63	20/2/2017 7:41	56	22/2/2017 0:46	59	23/2/2017 1:51	61
17/2/2017 4:31	60	18/2/2017 5:36	61	19/2/2017 6:41	59	20/2/2017 7:46	51	22/2/2017 0:51	57	23/2/2017 1:56	61
17/2/2017 4:36	59	18/2/2017 5:41	61	19/2/2017 6:46	55	20/2/2017 7:51	51	22/2/2017 0:56	56	23/2/2017 2:01	61
17/2/2017 4:41	59	18/2/2017 5:46	62	19/2/2017 6:51	56	20/2/2017 7:56	54	22/2/2017 1:01	56	23/2/2017 2:06	61
17/2/2017 4:46	59	18/2/2017 5:51	62	19/2/2017 6:56	52	21/2/2017 0:01	54	22/2/2017 1:06	63	23/2/2017 2:11	61
17/2/2017 4:51	59	18/2/2017 5:56	62	19/2/2017 7:01	59	21/2/2017 0:06	55	22/2/2017 1:11	52	23/2/2017 2:16	61
17/2/2017 4:56	60	18/2/2017 6:01	63	19/2/2017 7:06	59	21/2/2017 0:11	63	22/2/2017 1:16	50	23/2/2017 2:21	60
17/2/2017 5:01	60	18/2/2017 6:06	63	19/2/2017 7:11	56	21/2/2017 0:16	62	22/2/2017 1:21	63	23/2/2017 2:26	61
17/2/2017 5:06	60	18/2/2017 6:11	53	19/2/2017 7:16	56	21/2/2017 0:21	59	22/2/2017 1:26	63	23/2/2017 2:31	60
17/2/2017 5:11	60	18/2/2017 6:16	59	19/2/2017 7:21	57	21/2/2017 0:26	56	22/2/2017 1:31	62	23/2/2017 2:36	60
17/2/2017 5:16	60	18/2/2017 6:21	59	19/2/2017 7:26	63	21/2/2017 0:31	63	22/2/2017 1:36	63	23/2/2017 2:41	60
17/2/2017 5:21	61	18/2/2017 6:26	50	19/2/2017 7:31	46	21/2/2017 0:36	63	22/2/2017 1:41	63	23/2/2017 2:46	60
17/2/2017 5:26	61	18/2/2017 6:31	51	19/2/2017 7:36	55	21/2/2017 0:41	63	22/2/2017 1:46	62	23/2/2017 2:51	59
17/2/2017 5:31	60	18/2/2017 6:36	55	19/2/2017 7:41	63	21/2/2017 0:46	63	22/2/2017 1:51	62	23/2/2017 2:56	59
17/2/2017 5:36	61	18/2/2017 6:41	60	19/2/2017 7:46	59	21/2/2017 0:51	55	22/2/2017 1:56	63	23/2/2017 3:01	59
17/2/2017 5:41	61	18/2/2017 6:46	59	19/2/2017 7:51	53	21/2/2017 0:56	57	22/2/2017 2:01	63	23/2/2017 3:06	60
17/2/2017 5:46	61	18/2/2017 6:51	62	19/2/2017 7:56	37	21/2/2017 1:01	62	22/2/2017 2:06	62	23/2/2017 3:11	60
17/2/2017 5:51	61	18/2/2017 6:56	64	20/2/2017 0:01	63	21/2/2017 1:06	61	22/2/2017 2:11	62	23/2/2017 3:16	59
17/2/2017 5:56	62	18/2/2017 7:01	60	20/2/2017 0:06	62	21/2/2017 1:11	62	22/2/2017 2:16	62	23/2/2017 3:21	59
17/2/2017 6:01	61	18/2/2017 7:06	61	20/2/2017 0:11	62	21/2/2017 1:16	57	22/2/2017 2:21	61	23/2/2017 3:26	59
17/2/2017 6:06	63	18/2/2017 7:11	61	20/2/2017 0:16	62	21/2/2017 1:21	62	22/2/2017 2:26	62	23/2/2017 3:31	58
17/2/2017 6:11	49	18/2/2017 7:16	61	20/2/2017 0:21	62	21/2/2017 1:26	62	22/2/2017 2:31	61	23/2/2017 3:36	60
17/2/2017 6:16	46	18/2/2017 7:21	61	20/2/2017 0:26	63	21/2/2017 1:31	61	22/2/2017 2:36	61	23/2/2017 3:41	59
17/2/2017 6:21	59	18/2/2017 7:26	61	20/2/2017 0:31	62	21/2/2017 1:36	61	22/2/2017 2:41	61	23/2/2017 3:46	58
17/2/2017 6:26	56	18/2/2017 7:31	57	20/2/2017 0:36	61	21/2/2017 1:41	61	22/2/2017 2:46	62	23/2/2017 3:51	60
17/2/2017 6:31	58	18/2/2017 7:36	58	20/2/2017 0:41	62	21/2/2017 1:46	61	22/2/2017 2:51	63	23/2/2017 3:56	61
17/2/2017 6:36	59	18/2/2017 7:41	60	20/2/2017 0:46	63	21/2/2017 1:51	61	22/2/2017 2:56	62	23/2/2017 4:01	62
17/2/2017 6:41	60	18/2/2017 7:46	61	20/2/2017 0:51	61	21/2/2017 1:56	61	22/2/2017 3:01	62	23/2/2017 4:06	62
17/2/2017 6:46	61	18/2/2017 7:51	58	20/2/2017 0:56	61	21/2/2017 2:01	60	22/2/2017 3:06	62	23/2/2017 4:11	62
17/2/2017 6:51	62	18/2/2017 7:56	56	20/2/2017 1:01	61	21/2/2017 2:06	60	22/2/2017 3:11	50	23/2/2017 4:16	61
17/2/2017 6:56	63	19/2/2017 0:01	59	20/2/2017 1:06	61	21/2/2017 2:11	60	22/2/2017 3:16	53	23/2/2017 4:21	61
17/2/2017 7:01	62	19/2/2017 0:06	59	20/2/2017 1:11	61	21/2/2017 2:16	61	22/2/2017 3:21	63	23/2/2017 4:26	60
17/2/2017 7:06	61	19/2/2017 0:11	61	20/2/2017 1:16	60	21/2/2017 2:21	60	22/2/2017 3:26	63	23/2/2017 4:31	60
17/2/2017 7:11	61	19/2/2017 0:16	57	20/2/2017 1:21	61	21/2/2017 2:26	60	22/2/2017 3:31	62	23/2/2017 4:36	59
17/2/2017 7:16	60	19/2/2017 0:21	58	20/2/2017 1:26	60	21/2/2017 2:31	60	22/2/2017 3:36	63	23/2/2017 4:41	60
17/2/2017 7:21	58	19/2/2017 0:26	58	20/2/2017 1:31	59	21/2/2017 2:36	60	22/2/2017 3:41	62	23/2/2017 4:46	59
17/2/2017 7:26	60	19/2/2017 0:31	57	20/2/2017 1:36	60	21/2/2017 2:41	60	22/2/2017 3:46	62	23/2/2017 4:	

Real-time Noise Data	RTN3 (Po Leung Kuk Yu Lee Mo Fan Memorial School)	
23/2/2017 23:41 58	25/2/2017 0:46 61	26/2/2017 1:51 61
23/2/2017 23:46 59	25/2/2017 0:51 59	26/2/2017 1:56 62
23/2/2017 23:51 58	25/2/2017 0:56 61	26/2/2017 2:01 62
23/2/2017 23:56 60	25/2/2017 1:01 54	26/2/2017 2:06 62
24/2/2017 0:01 58	25/2/2017 1:06 58	26/2/2017 2:11 62
24/2/2017 0:06 58	25/2/2017 1:11 58	26/2/2017 2:16 61
24/2/2017 0:11 57	25/2/2017 1:16 56	26/2/2017 2:21 62
24/2/2017 0:16 57	25/2/2017 1:21 60	26/2/2017 2:26 63
24/2/2017 0:21 55	25/2/2017 1:26 59	26/2/2017 2:31 61
24/2/2017 0:26 60	25/2/2017 1:31 59	26/2/2017 2:36 61
24/2/2017 0:31 55	25/2/2017 1:36 45	26/2/2017 2:41 62
24/2/2017 0:36 52	25/2/2017 1:41 51	26/2/2017 2:46 62
24/2/2017 0:41 57	25/2/2017 1:46 57	26/2/2017 2:51 61
24/2/2017 0:46 54	25/2/2017 1:51 63	26/2/2017 2:56 62
24/2/2017 0:51 50	25/2/2017 1:56 54	26/2/2017 3:01 61
24/2/2017 0:56 50	25/2/2017 2:01 60	26/2/2017 3:06 61
24/2/2017 1:01 52	25/2/2017 2:06 63	26/2/2017 3:11 61
24/2/2017 1:06 53	25/2/2017 2:11 52	26/2/2017 3:16 61
24/2/2017 1:11 62	25/2/2017 2:16 48	26/2/2017 3:21 61
24/2/2017 1:16 63	25/2/2017 2:21 45	26/2/2017 3:26 61
24/2/2017 1:21 62	25/2/2017 2:26 63	26/2/2017 3:31 62
24/2/2017 1:26 62	25/2/2017 2:31 63	26/2/2017 3:36 62
24/2/2017 1:31 63	25/2/2017 2:36 62	26/2/2017 3:41 61
24/2/2017 1:36 62	25/2/2017 2:41 48	26/2/2017 3:46 61
24/2/2017 1:41 62	25/2/2017 2:46 62	26/2/2017 3:51 60
24/2/2017 1:46 62	25/2/2017 2:51 62	26/2/2017 3:56 61
24/2/2017 1:51 62	25/2/2017 2:56 62	26/2/2017 4:01 61
24/2/2017 1:56 61	25/2/2017 3:01 62	26/2/2017 4:06 60
24/2/2017 2:01 62	25/2/2017 3:06 42	26/2/2017 4:11 61
24/2/2017 2:06 61	25/2/2017 3:11 62	26/2/2017 4:16 61
24/2/2017 2:11 62	25/2/2017 3:16 62	26/2/2017 4:21 61
24/2/2017 2:16 61	25/2/2017 3:21 63	26/2/2017 4:26 62
24/2/2017 2:21 61	25/2/2017 3:26 62	26/2/2017 4:31 63
24/2/2017 2:26 60	25/2/2017 3:31 52	26/2/2017 4:36 63
24/2/2017 2:31 60	25/2/2017 3:36 62	26/2/2017 4:41 62
24/2/2017 2:36 61	25/2/2017 3:41 61	26/2/2017 4:46 62
24/2/2017 2:41 61	25/2/2017 3:46 61	26/2/2017 4:51 62
24/2/2017 2:46 60	25/2/2017 3:51 62	26/2/2017 4:56 61
24/2/2017 2:51 61	25/2/2017 3:56 61	26/2/2017 5:01 61
24/2/2017 2:56 60	25/2/2017 4:01 61	26/2/2017 5:06 61
24/2/2017 3:01 59	25/2/2017 4:06 61	26/2/2017 5:11 61
24/2/2017 3:06 56	25/2/2017 4:11 61	26/2/2017 5:16 61
24/2/2017 3:11 61	25/2/2017 4:16 60	26/2/2017 5:21 62
24/2/2017 3:16 61	25/2/2017 4:21 61	26/2/2017 5:26 62
24/2/2017 3:21 60	25/2/2017 4:26 62	26/2/2017 5:31 62
24/2/2017 3:26 59	25/2/2017 4:31 61	26/2/2017 5:36 62
24/2/2017 3:31 61	25/2/2017 4:36 60	26/2/2017 5:41 62
24/2/2017 3:36 60	25/2/2017 4:41 61	26/2/2017 5:46 62
24/2/2017 3:41 60	25/2/2017 4:46 61	26/2/2017 5:51 62
24/2/2017 3:46 60	25/2/2017 4:51 61	26/2/2017 5:56 62
24/2/2017 3:51 59	25/2/2017 4:56 61	26/2/2017 6:01 62
24/2/2017 3:56 60	25/2/2017 5:01 60	26/2/2017 6:06 63
24/2/2017 4:01 58	25/2/2017 5:06 61	26/2/2017 6:11 62
24/2/2017 4:06 59	25/2/2017 5:11 60	26/2/2017 6:16 50
24/2/2017 4:11 60	25/2/2017 5:16 60	26/2/2017 6:21 47
24/2/2017 4:16 60	25/2/2017 5:21 62	26/2/2017 6:26 51
24/2/2017 4:21 61	25/2/2017 5:26 62	26/2/2017 6:31 58
24/2/2017 4:26 60	25/2/2017 5:31 62	26/2/2017 6:36 55
24/2/2017 4:31 60	25/2/2017 5:36 62	26/2/2017 6:41 58
24/2/2017 4:36 59	25/2/2017 5:41 61	26/2/2017 6:46 60
24/2/2017 4:41 59	25/2/2017 5:46 61	26/2/2017 6:51 58
24/2/2017 4:46 60	25/2/2017 5:51 61	26/2/2017 6:56 63
24/2/2017 4:51 60	25/2/2017 5:56 62	26/2/2017 23:01 60
24/2/2017 4:56 60	25/2/2017 6:01 62	26/2/2017 23:06 59
24/2/2017 5:01 60	25/2/2017 6:06 62	26/2/2017 23:11 58
24/2/2017 5:06 61	25/2/2017 6:11 62	26/2/2017 23:16 57
24/2/2017 5:11 62	25/2/2017 6:16 63	26/2/2017 23:21 58
24/2/2017 5:16 60	25/2/2017 6:21 63	26/2/2017 23:26 59
24/2/2017 5:21 60	25/2/2017 6:26 63	26/2/2017 23:31 55
24/2/2017 5:26 62	25/2/2017 6:31 54	26/2/2017 23:36 58
24/2/2017 5:31 61	25/2/2017 6:36 37	26/2/2017 23:41 57
24/2/2017 5:36 62	25/2/2017 6:41 57	26/2/2017 23:46 58
24/2/2017 5:41 61	25/2/2017 6:46 55	26/2/2017 23:51 52
24/2/2017 5:46 62	25/2/2017 6:51 60	26/2/2017 23:56 51
24/2/2017 5:51 62	25/2/2017 6:56 60	
24/2/2017 5:56 62	25/2/2017 23:01 60	
24/2/2017 6:01 62	25/2/2017 23:06 55	
24/2/2017 6:06 63	25/2/2017 23:11 59	
24/2/2017 6:11 56	25/2/2017 23:16 61	
24/2/2017 6:16 56	25/2/2017 23:21 60	
24/2/2017 6:21 57	25/2/2017 23:26 58	
24/2/2017 6:26 59	25/2/2017 23:31 60	
24/2/2017 6:31 61	25/2/2017 23:36 59	
24/2/2017 6:36 61	25/2/2017 23:41 58	
24/2/2017 6:41 60	25/2/2017 23:46 57	
24/2/2017 6:46 62	25/2/2017 23:51 60	
24/2/2017 6:51 62	25/2/2017 23:56 57	
24/2/2017 6:56 62	26/2/2017 0:01 59	
24/2/2017 23:01 61	26/2/2017 0:06 59	
24/2/2017 23:06 62	26/2/2017 0:11 59	
24/2/2017 23:11 62	26/2/2017 0:16 56	
24/2/2017 23:16 60	26/2/2017 0:21 53	
24/2/2017 23:21 62	26/2/2017 0:26 57	
24/2/2017 23:26 61	26/2/2017 0:31 55	
24/2/2017 23:31 61	26/2/2017 0:36 55	
24/2/2017 23:36 61	26/2/2017 0:41 54	
24/2/2017 23:41 60	26/2/2017 0:46 63	
24/2/2017 23:46 61	26/2/2017 0:51 63	
24/2/2017 23:51 60	26/2/2017 0:56 63	
24/2/2017 23:56 60	26/2/2017 1:01 51	
25/2/2017 0:01 62	26/2/2017 1:06 63	
25/2/2017 0:06 59	26/2/2017 1:11 62	
25/2/2017 0:11 59	26/2/2017 1:16 63	
25/2/2017 0:16 61	26/2/2017 1:21 63	
25/2/2017 0:21 61	26/2/2017 1:26 50	
25/2/2017 0:26 62	26/2/2017 1:31 56	
25/2/2017 0:31 58	26/2/2017 1:36 40	
25/2/2017 0:36 61	26/2/2017 1:41 63	
25/2/2017 0:41 60	26/2/2017 1:46 62	

Real-time Noise Data		RTN4 (Causeway Bay Community Centre)							
Normal Day 07:00-19:00		4/2/2017 12:31	62	10/2/2017 7:01	60	15/2/2017 13:31	65	21/2/2017 8:01	62
27/1/2017 7:01	62	4/2/2017 13:01	63	10/2/2017 7:31	60	15/2/2017 14:01	64	21/2/2017 8:31	63
27/1/2017 7:31	63	4/2/2017 13:31	64	10/2/2017 8:01	61	15/2/2017 14:31	63	21/2/2017 9:01	63
27/1/2017 8:01	62	4/2/2017 14:01	64	10/2/2017 8:31	63	15/2/2017 15:01	63	21/2/2017 9:31	64
27/1/2017 8:31	60	4/2/2017 14:31	63	10/2/2017 9:01	63	15/2/2017 15:31	63	21/2/2017 10:01	65
27/1/2017 9:01	63	4/2/2017 15:01	64	10/2/2017 9:31	64	15/2/2017 16:01	65	21/2/2017 10:31	66
27/1/2017 9:31	62	4/2/2017 15:31	66	10/2/2017 10:01	64	15/2/2017 16:31	64	21/2/2017 11:01	65
27/1/2017 10:01	62	4/2/2017 16:01	65	10/2/2017 10:31	63	15/2/2017 17:01	63	21/2/2017 11:31	64
27/1/2017 10:31	63	4/2/2017 16:31	65	10/2/2017 11:01	66	15/2/2017 17:31	63	21/2/2017 12:01	63
27/1/2017 11:01	62	4/2/2017 17:01	61	10/2/2017 11:31	63	15/2/2017 18:01	62	21/2/2017 12:31	63
27/1/2017 11:31	61	4/2/2017 17:31	60	10/2/2017 12:01	61	15/2/2017 18:31	62	21/2/2017 13:01	64
27/1/2017 12:01	61	4/2/2017 18:01	60	10/2/2017 12:31	62	16/2/2017 7:01	61	21/2/2017 13:31	65
27/1/2017 12:31	61	4/2/2017 18:31	61	10/2/2017 13:01	64	16/2/2017 7:31	61	21/2/2017 14:01	67
27/1/2017 13:01	62	6/2/2017 7:01	61	10/2/2017 13:31	64	16/2/2017 8:01	63	21/2/2017 14:31	66
27/1/2017 13:31	62	6/2/2017 7:31	62	10/2/2017 14:01	64	16/2/2017 8:31	62	21/2/2017 15:01	65
27/1/2017 14:01	62	6/2/2017 8:01	62	10/2/2017 14:31	64	16/2/2017 9:01	63	21/2/2017 15:31	66
27/1/2017 14:31	62	6/2/2017 8:31	63	10/2/2017 15:01	64	16/2/2017 9:31	64	21/2/2017 16:01	66
27/1/2017 15:01	61	6/2/2017 9:01	66	10/2/2017 15:31	62	16/2/2017 10:01	64	21/2/2017 16:31	64
27/1/2017 15:31	62	6/2/2017 9:31	65	10/2/2017 16:01	64	16/2/2017 10:31	64	21/2/2017 17:01	64
27/1/2017 16:01	62	6/2/2017 10:01	67	10/2/2017 16:31	64	16/2/2017 11:01	65	21/2/2017 17:31	62
27/1/2017 16:31	61	6/2/2017 10:31	66	10/2/2017 17:01	61	16/2/2017 11:31	63	21/2/2017 18:01	63
27/1/2017 17:01	62	6/2/2017 11:01	65	10/2/2017 17:31	60	16/2/2017 12:01	62	21/2/2017 18:31	60
27/1/2017 17:31	61	6/2/2017 11:31	65	10/2/2017 18:01	60	16/2/2017 12:31	61	22/2/2017 7:01	60
27/1/2017 18:01	61	6/2/2017 12:01	64	10/2/2017 18:31	61	16/2/2017 13:01	64	22/2/2017 7:31	60
27/1/2017 18:31	60	6/2/2017 12:31	63	11/2/2017 7:01	61	16/2/2017 13:31	64	22/2/2017 8:01	64
1/2/2017 7:01	61	6/2/2017 13:01	65	11/2/2017 7:31	62	16/2/2017 14:01	63	22/2/2017 8:31	62
1/2/2017 7:31	62	6/2/2017 13:31	64	11/2/2017 8:01	64	16/2/2017 14:31	63	22/2/2017 9:01	64
1/2/2017 8:01	63	6/2/2017 14:01	64	11/2/2017 8:31	66	16/2/2017 15:01	63	22/2/2017 9:31	63
1/2/2017 8:31	63	6/2/2017 14:31	65	11/2/2017 9:01	64	16/2/2017 15:31	63	22/2/2017 10:01	65
1/2/2017 9:01	63	6/2/2017 15:01	66	11/2/2017 9:31	64	16/2/2017 16:01	64	22/2/2017 10:31	65
1/2/2017 9:31	62	6/2/2017 15:31	66	11/2/2017 10:01	66	16/2/2017 16:31	65	22/2/2017 11:01	64
1/2/2017 10:01	62	6/2/2017 16:01	64	11/2/2017 10:31	66	16/2/2017 17:01	63	22/2/2017 11:31	65
1/2/2017 10:31	62	6/2/2017 16:31	65	11/2/2017 11:01	66	16/2/2017 17:31	62	22/2/2017 12:01	61
1/2/2017 10:31	62	6/2/2017 17:01	64	11/2/2017 11:31	62	16/2/2017 18:01	61	22/2/2017 12:31	64
1/2/2017 11:01	63	6/2/2017 17:31	63	11/2/2017 12:01	61	16/2/2017 18:31	62	22/2/2017 13:01	64
1/2/2017 11:31	62	6/2/2017 18:01	62	11/2/2017 12:31	61	17/2/2017 7:01	61	22/2/2017 13:31	66
1/2/2017 12:01	62	6/2/2017 18:31	62	11/2/2017 13:01	64	17/2/2017 7:31	61	22/2/2017 14:01	64
1/2/2017 12:31	62	7/2/2017 7:01	61	11/2/2017 13:31	67	17/2/2017 8:01	62	22/2/2017 14:31	65
1/2/2017 13:01	62	7/2/2017 7:31	62	11/2/2017 14:01	66	17/2/2017 8:31	64	22/2/2017 15:01	65
1/2/2017 13:31	62	7/2/2017 8:01	62	11/2/2017 14:31	66	17/2/2017 9:01	64	22/2/2017 15:31	65
1/2/2017 14:01	62	7/2/2017 8:31	63	11/2/2017 15:01	63	17/2/2017 9:31	65	22/2/2017 16:01	65
1/2/2017 14:31	62	7/2/2017 9:01	64	11/2/2017 15:31	63	17/2/2017 10:01	65	22/2/2017 16:31	67
1/2/2017 15:01	61	7/2/2017 9:31	65	11/2/2017 16:01	65	17/2/2017 10:31	67	22/2/2017 17:01	66
1/2/2017 15:31	62	7/2/2017 10:01	65	11/2/2017 16:31	64	17/2/2017 11:01	64	22/2/2017 17:31	63
1/2/2017 16:01	62	7/2/2017 10:31	65	11/2/2017 17:01	62	17/2/2017 11:31	63	22/2/2017 18:01	62
1/2/2017 16:31	62	7/2/2017 11:01	65	11/2/2017 17:31	62	17/2/2017 12:01	61	22/2/2017 18:31	61
1/2/2017 17:01	62	7/2/2017 11:31	64	11/2/2017 18:01	61	17/2/2017 12:31	64	23/2/2017 7:01	60
1/2/2017 17:31	62	7/2/2017 12:01	62	11/2/2017 18:31	61	17/2/2017 13:01	63	23/2/2017 7:31	60
1/2/2017 18:01	62	7/2/2017 12:31	63	13/2/2017 7:01	61	17/2/2017 13:31	64	23/2/2017 8:01	64
1/2/2017 18:31	62	7/2/2017 13:01	67	13/2/2017 7:31	62	17/2/2017 14:01	64	23/2/2017 8:31	65
2/2/2017 7:01	61	7/2/2017 13:31	66	13/2/2017 8:01	62	17/2/2017 14:31	65	23/2/2017 9:01	65
2/2/2017 7:31	62	7/2/2017 14:01	66	13/2/2017 8:31	64	17/2/2017 15:01	65	23/2/2017 9:31	68
2/2/2017 8:01	62	7/2/2017 14:31	65	13/2/2017 9:01	64	17/2/2017 15:31	64	23/2/2017 10:01	67
2/2/2017 8:31	62	7/2/2017 15:01	64	13/2/2017 9:31	66	17/2/2017 16:01	64	23/2/2017 10:31	57
2/2/2017 9:01	62	7/2/2017 15:31	65	13/2/2017 10:01	65	17/2/2017 16:31	64	23/2/2017 11:01	66
2/2/2017 9:31	63	7/2/2017 16:01	64	13/2/2017 10:31	65	17/2/2017 17:01	64	23/2/2017 11:31	65
2/2/2017 10:01	62	7/2/2017 16:31	64	13/2/2017 11:01	65	17/2/2017 17:31	63	23/2/2017 12:01	62
2/2/2017 10:31	62	7/2/2017 17:01	63	13/2/2017 11:31	64	17/2/2017 18:01	60	23/2/2017 12:31	64
2/2/2017 11:01	63	7/2/2017 17:31	63	13/2/2017 12:01	63	17/2/2017 18:31	60	23/2/2017 13:01	65
2/2/2017 11:31	64	7/2/2017 18:01	62	13/2/2017 12:31	64	18/2/2017 7:01	61	23/2/2017 13:31	64
2/2/2017 12:01	63	7/2/2017 18:31	62	13/2/2017 13:01	65	18/2/2017 7:31	61	23/2/2017 14:01	64
2/2/2017 12:31	62	8/2/2017 7:01	61	13/2/2017 13:31	66	18/2/2017 8:01	63	23/2/2017 14:31	65
2/2/2017 13:01	63	8/2/2017 7:31	61	13/2/2017 14:01	65	18/2/2017 8:31	65	23/2/2017 15:01	65
2/2/2017 13:31	63	8/2/2017 8:01	63	13/2/2017 14:31	64	18/2/2017 9:01	66	23/2/2017 15:31	64
2/2/2017 14:01	62	8/2/2017 8:31	64	13/2/2017 15:01	65	18/2/2017 9:31	65	23/2/2017 16:01	65
2/2/2017 14:31	62	8/2/2017 9:01	66	13/2/2017 15:31	64	18/2/2017 10:01	64	23/2/2017 16:31	65
2/2/2017 15:01	63	8/2/2017 9:31	68	13/2/2017 16:01	64	18/2/2017 10:31	65	23/2/2017 17:01	64
2/2/2017 15:31	63	8/2/2017 10:01	67	13/2/2017 16:31	64	18/2/2017 11:01	64	23/2/2017 17:31	62
2/2/2017 16:01	62	8/2/2017 10:31	66	13/2/2017 17:01	64	18/2/2017 11:31	63	23/2/2017 18:01	61
2/2/2017 16:31	62	8/2/2017 11:01	65	13/2/2017 17:31	64	18/2/2017 12:01	63	23/2/2017 18:31	61
2/2/2017 17:01	62	8/2/2017 11:31	64	13/2/2017 18:01	63	18/2/2017 12:31	63	24/2/2017 7:01	60
2/2/2017 17:31	62	8/2/2017 12:01	62	13/2/2017 18:31	62	18/2/2017 13:01	64	24/2/2017 7:31	61
2/2/2017 18:01	61	8/2/2017 12:31	63	14/2/2017 7:01	62	18/2/2017 13:31	65	24/2/2017 8:01	63
2/2/2017 18:31	61	8/2/2017 13:01	66	14/2/2017 7:31	63	18/2/2017 14:01	65	24/2/2017 8:31	65
3/2/2017 7:01	61	8/2/2017 13:31	66	14/2/2017 8:01	63	18/2/2017 14:31	65	24/2/2017 9:01	67
3/2/2017 7:31	62	8/2/2017 14:01	64	14/2/2017 8:31	63	18/2/2017 15:01	66	24/2/2017 9:31	65
3/2/2017 8:01	63	8/2/2017 14:31	64	14/2/2017 9:01	64	18/2/2017 15:31	66	24/2/2017 10:01	65
3/2/2017 8:31	62	8/2/2017 15:01	65	14/2/2017 9:31	65	18/2/2017 16:01	65	24/2/2017 10:31	65
3/2/2017 9:01	62	8/2/2017 15:31	65	14/2/2017 10:01	65	18/2/2017 16:31	65	24/2/2017 11:01	64
3/2/2017 9:31	63	8/2/2017 16:01	65	14/2/2017 10:31	65	18/2/2017 17:01	64	24/2/2017 11:31	63
3/2/2017 10:01	63	8/2/2017 16:31	64	14/2/2017 11:01	64	18/2/2017 17:31	63	24/2/2017 12:01	62
3/2/2017 10:31	63	8/2/2017 17:01	64	14/2/2017 11:31	63	18/2/2017 18:01	63	24/2/2017 12:31	62
3/2/2017 11:01	62	8/2/2017 17:31	62	14/2/2017 12:01	63	18/2/2017 18:31	61	24/2/2017 13:01	64
3/2/2017 11:31	62	8/2/2017 18:01	62	14/2/2017 12:31	64	20/2/2017 7:01	61	24/2/2017 13:31	65
3/2/2017 12:01	62	8/2/2017 18:31	62	14/2/2017 13:01	65	20/2/2017 7:31	60	24/2/2017 14:01	64
3/2/2017 12:31	62	9/2/2017 7:01	60	14/2/2017 13:31	66	20/2/2017 8:01	61	24/2/2017 14:31	64
3/2/2017 13:01	62	9/2/2017 7:31	60	14/2/2017 14:01	67	20/2/2017 8:31	63	24/2/2017 15:01	64
3/2/2017 13:31	63	9/2/2017 8:01	63	14/2/2017 14:31	64	20/2/2017 9:01	63	24/2/2017 15:31	64
3/2/2017 14:01	63	9/2/2017 8:31	61	14/2/2017 15:01</					

Real-time Noise Data		RTN4 (Causeway Bay Community Centre)									
28/1/2017 10:56	60	28/1/2017 20:01	60	29/1/2017 13:06	61	29/1/2017 22:11	59	30/1/2017 15:16	62	31/1/2017 8:21	58
28/1/2017 11:01	60	28/1/2017 20:06	60	29/1/2017 13:11	62	29/1/2017 22:16	58	30/1/2017 15:21	61	31/1/2017 8:26	59
28/1/2017 11:06	60	28/1/2017 20:11	60	29/1/2017 13:16	60	29/1/2017 22:21	59	30/1/2017 15:26	61	31/1/2017 8:31	59
28/1/2017 11:11	60	28/1/2017 20:16	59	29/1/2017 13:21	61	29/1/2017 22:26	58	30/1/2017 15:31	61	31/1/2017 8:36	61
28/1/2017 11:16	60	28/1/2017 20:21	59	29/1/2017 13:26	61	29/1/2017 22:31	58	30/1/2017 15:36	60	31/1/2017 8:41	60
28/1/2017 11:21	59	28/1/2017 20:26	59	29/1/2017 13:31	61	29/1/2017 22:36	58	30/1/2017 15:41	61	31/1/2017 8:46	59
28/1/2017 11:26	59	28/1/2017 20:31	59	29/1/2017 13:36	60	29/1/2017 22:41	58	30/1/2017 15:46	61	31/1/2017 8:51	61
28/1/2017 11:31	60	28/1/2017 20:36	59	29/1/2017 13:41	60	29/1/2017 22:46	58	30/1/2017 15:51	61	31/1/2017 8:56	58
28/1/2017 11:36	60	28/1/2017 20:41	61	29/1/2017 13:46	60	29/1/2017 22:51	57	30/1/2017 15:56	61	31/1/2017 9:01	59
28/1/2017 11:41	59	28/1/2017 20:46	60	29/1/2017 13:51	60	29/1/2017 22:56	57	30/1/2017 16:01	61	31/1/2017 9:06	60
28/1/2017 11:46	60	28/1/2017 20:51	61	29/1/2017 13:56	60	30/1/2017 7:01	58	30/1/2017 16:06	61	31/1/2017 9:11	60
28/1/2017 11:51	61	28/1/2017 20:56	59	29/1/2017 14:01	60	30/1/2017 7:06	58	30/1/2017 16:11	61	31/1/2017 9:16	60
28/1/2017 11:56	59	28/1/2017 21:01	60	29/1/2017 14:06	60	30/1/2017 7:11	57	30/1/2017 16:16	61	31/1/2017 9:21	60
28/1/2017 12:01	61	28/1/2017 21:06	60	29/1/2017 14:11	62	30/1/2017 7:16	58	30/1/2017 16:21	61	31/1/2017 9:26	60
28/1/2017 12:06	59	28/1/2017 21:11	59	29/1/2017 14:16	60	30/1/2017 7:21	58	30/1/2017 16:26	61	31/1/2017 9:31	60
28/1/2017 12:11	60	28/1/2017 21:16	61	29/1/2017 14:21	60	30/1/2017 7:26	58	30/1/2017 16:31	61	31/1/2017 9:36	60
28/1/2017 12:16	61	28/1/2017 21:21	59	29/1/2017 14:26	60	30/1/2017 7:31	58	30/1/2017 16:36	61	31/1/2017 9:41	60
28/1/2017 12:21	60	28/1/2017 21:26	58	29/1/2017 14:31	61	30/1/2017 7:36	58	30/1/2017 16:41	61	31/1/2017 9:46	61
28/1/2017 12:26	59	28/1/2017 21:31	59	29/1/2017 14:36	61	30/1/2017 7:41	59	30/1/2017 16:46	61	31/1/2017 9:51	61
28/1/2017 12:31	60	28/1/2017 21:36	58	29/1/2017 14:41	60	30/1/2017 7:46	58	30/1/2017 16:51	61	31/1/2017 9:56	62
28/1/2017 12:36	59	28/1/2017 21:41	60	29/1/2017 14:46	60	30/1/2017 7:51	62	30/1/2017 16:56	61	31/1/2017 10:01	60
28/1/2017 12:41	59	28/1/2017 21:46	59	29/1/2017 14:51	59	30/1/2017 7:56	59	30/1/2017 17:01	61	31/1/2017 10:06	60
28/1/2017 12:46	61	28/1/2017 21:51	58	29/1/2017 14:56	60	30/1/2017 8:01	58	30/1/2017 17:06	60	31/1/2017 10:11	61
28/1/2017 12:51	61	28/1/2017 21:56	59	29/1/2017 15:01	60	30/1/2017 8:06	60	30/1/2017 17:11	61	31/1/2017 10:16	61
28/1/2017 12:56	59	28/1/2017 22:01	58	29/1/2017 15:06	59	30/1/2017 8:11	59	30/1/2017 17:16	60	31/1/2017 10:21	61
28/1/2017 13:01	59	28/1/2017 22:06	60	29/1/2017 15:11	59	30/1/2017 8:16	58	30/1/2017 17:21	61	31/1/2017 10:26	60
28/1/2017 13:06	59	28/1/2017 22:11	60	29/1/2017 15:16	60	30/1/2017 8:21	59	30/1/2017 17:26	60	31/1/2017 10:31	62
28/1/2017 13:11	60	28/1/2017 22:16	58	29/1/2017 15:21	60	30/1/2017 8:26	59	30/1/2017 17:31	60	31/1/2017 10:36	61
28/1/2017 13:16	60	28/1/2017 22:21	58	29/1/2017 15:26	60	30/1/2017 8:31	60	30/1/2017 17:36	61	31/1/2017 10:41	61
28/1/2017 13:21	60	28/1/2017 22:26	58	29/1/2017 15:31	62	30/1/2017 8:36	60	30/1/2017 17:41	60	31/1/2017 10:46	60
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28/1/2017 15:51	63	29/1/2017 8:56	59	29/1/2017 18:01	61	30/1/2017 11:06	61	30/1/2017 20:11	59	31/1/2017 13:16	61
28/1/2017 15:56	59	29/1/2017 9:01	59	29/1/2017 18:06	60	30/1/2017 11:11	62	30/1/2017 20:16	59	31/1/2017 13:21	61
28/1/2017 16:01	59	29/1/2017 9:06	59	29/1/2017 18:11	60	30/1/2017 11:16	61	30/1/2017 20:21	60	31/1/2017 13:26	61
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28/1/2017 16:41	59	29/1/2017 9:46	60	29/1/2017 18:51	61	30/1/2017 11:56	61	30/1/2017 21:01	59	31/1/2017 14:06	61
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28/1/2017 16:56	59	29/1/2017 10:01	60	29/1/2017 19:06	60	30/1/2017 12:11	60	30/1/2017 21:16	60	31/1/2017 14:21	61
28/1/2017 17:01	59	29/1/2017 10:06	59	29/1/2017 19:11	61	30/1/2017 12:16	60	30/1/2017 21:21			

Real-time Noise Data		RTN4 (Causeway Bay Community Centre)									
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31/1/2017 17:36	60	1/2/2017 22:41	61	4/2/2017 19:46	61	5/2/2017 12:51	62	5/2/2017 21:56	61	8/2/2017 19:01	61
31/1/2017 17:41	61	1/2/2017 22:46	61	4/2/2017 19:51	61	5/2/2017 12:56	62	5/2/2017 22:01	59	8/2/2017 19:06	61
31/1/2017 17:46	60	1/2/2017 22:51	61	4/2/2017 19:56	61	5/2/2017 13:01	62	5/2/2017 22:06	61	8/2/2017 19:11	61
31/1/2017 17:51	60	1/2/2017 22:56	58	4/2/2017 20:01	60	5/2/2017 13:06	62	5/2/2017 22:11	60	8/2/2017 19:16	62
31/1/2017 17:56	60	2/2/2017 19:01	61	4/2/2017 20:06	61	5/2/2017 13:11	59	5/2/2017 22:16	60	8/2/2017 19:21	61
31/1/2017 18:01	61	2/2/2017 19:06	61	4/2/2017 20:11	61	5/2/2017 13:16	62	5/2/2017 22:21	61	8/2/2017 19:26	62
31/1/2017 18:06	61	2/2/2017 19:11	61	4/2/2017 20:16	61	5/2/2017 13:21	62	5/2/2017 22:26	60	8/2/2017 19:31	61
31/1/2017 18:11	60	2/2/2017 19:16	61	4/2/2017 20:21	60	5/2/2017 13:26	59	5/2/2017 22:31	60	8/2/2017 19:36	61
31/1/2017 18:16	61	2/2/2017 19:21	63	4/2/2017 20:26	54	5/2/2017 13:31	59	5/2/2017 22:36	59	8/2/2017 19:41	62
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31/1/2017 18:26	60	2/2/2017 19:31	61	4/2/2017 20:36	61	5/2/2017 13:41	62	5/2/2017 22:46	60	8/2/2017 19:51	61
31/1/2017 18:31	62	2/2/2017 19:36	61	4/2/2017 20:41	60	5/2/2017 13:46	62	5/2/2017 22:51	59	8/2/2017 19:56	61
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1/2/2017 19:11	62	3/2/2017 20:16	60	5/2/2017 9:21	62	5/2/2017 18:26	61	7/2/2017 19:31	61	9/2/2017 20:36	61
1/2/2017 19:16	62	3/2/2017 20:21	61	5/2/2017 9:26	61	5/2/2017 18:31	53	7/2/2017 19:36	62	9/2/2017 20:41	61
1/2/2017 19:21	62	3/2/2017 20:26	62	5/2/2017 9:31	62	5/2/2017 18:36	57	7/2/2017 19:41	62	9/2/2017 20:46	60
1/2/2017 19:26	62	3/2/2017 20:31	62	5/2/2017 9:36	61	5/2/2017 18:41	64	7/2/2017 19:46	61	9/2/2017 20:51	63
1/2/2017 19:31	62	3/2/2017 20:36	61	5/2/2017 9:41	62	5/2/2017 18:46	61	7/2/2017 19:51	62	9/2/2017 20:56	61
1/2/2017 19:36	61	3/2/2017 20:41	60	5/2/2017 9:46	62	5/2/2017 18:51	61	7/2/2017 19:56	62	9/2/2017 21:01	60
1/2/2017 19:41	62	3/2/2017 20:46	60	5/2/2017 9:51	62	5/2/2017 18:56	61	7/2/2017 20			

Real-time Noise Data		RTN4 (Causeway Bay Community Centre)			
10/2/2017 19:56 61	12/2/2017 9:01 56	12/2/2017 18:06 62	14/2/2017 19:11 60	16/2/2017 20:16 62	18/2/2017 21:21 61
10/2/2017 20:01 62	12/2/2017 9:06 55	12/2/2017 18:11 63	14/2/2017 19:16 60	16/2/2017 20:21 61	18/2/2017 21:26 62
10/2/2017 20:06 61	12/2/2017 9:11 55	12/2/2017 18:16 61	14/2/2017 19:21 61	16/2/2017 20:26 61	18/2/2017 21:31 56
10/2/2017 20:11 62	12/2/2017 9:16 57	12/2/2017 18:21 62	14/2/2017 19:26 61	16/2/2017 20:31 61	18/2/2017 21:36 60
10/2/2017 20:16 62	12/2/2017 9:21 57	12/2/2017 18:26 62	14/2/2017 19:31 62	16/2/2017 20:36 62	18/2/2017 21:41 60
10/2/2017 20:21 62	12/2/2017 9:26 56	12/2/2017 18:31 62	14/2/2017 19:36 62	16/2/2017 20:41 60	18/2/2017 21:46 62
10/2/2017 20:26 61	12/2/2017 9:31 58	12/2/2017 18:36 62	14/2/2017 19:41 61	16/2/2017 20:46 60	18/2/2017 21:51 61
10/2/2017 20:31 61	12/2/2017 9:36 56	12/2/2017 18:41 62	14/2/2017 19:46 63	16/2/2017 20:51 60	18/2/2017 21:56 62
10/2/2017 20:36 61	12/2/2017 9:41 55	12/2/2017 18:46 61	14/2/2017 19:51 61	16/2/2017 20:56 61	18/2/2017 22:01 62
10/2/2017 20:41 63	12/2/2017 9:46 58	12/2/2017 18:51 62	14/2/2017 19:56 62	16/2/2017 21:01 60	18/2/2017 22:06 61
10/2/2017 20:46 60	12/2/2017 9:51 58	12/2/2017 18:56 60	14/2/2017 20:01 63	16/2/2017 21:06 60	18/2/2017 22:11 61
10/2/2017 20:51 61	12/2/2017 9:56 58	12/2/2017 19:01 62	14/2/2017 20:06 62	16/2/2017 21:11 60	18/2/2017 22:16 62
10/2/2017 20:56 61	12/2/2017 10:01 57	12/2/2017 19:06 61	14/2/2017 20:11 62	16/2/2017 21:16 61	18/2/2017 22:21 61
10/2/2017 21:01 60	12/2/2017 10:06 59	12/2/2017 19:11 61	14/2/2017 20:16 62	16/2/2017 21:21 61	18/2/2017 22:26 61
10/2/2017 21:06 62	12/2/2017 10:11 56	12/2/2017 19:16 60	14/2/2017 20:21 62	16/2/2017 21:26 60	18/2/2017 22:31 61
10/2/2017 21:11 61	12/2/2017 10:16 56	12/2/2017 19:21 60	14/2/2017 20:26 61	16/2/2017 21:31 63	18/2/2017 22:36 62
10/2/2017 21:16 60	12/2/2017 10:21 57	12/2/2017 19:26 60	14/2/2017 20:31 62	16/2/2017 21:36 60	18/2/2017 22:41 60
10/2/2017 21:21 61	12/2/2017 10:26 56	12/2/2017 19:31 61	14/2/2017 20:36 61	16/2/2017 21:41 60	18/2/2017 22:46 61
10/2/2017 21:26 60	12/2/2017 10:31 57	12/2/2017 19:36 60	14/2/2017 20:41 61	16/2/2017 21:46 60	18/2/2017 22:51 61
10/2/2017 21:31 61	12/2/2017 10:36 55	12/2/2017 19:41 61	14/2/2017 20:46 60	16/2/2017 21:51 62	18/2/2017 22:56 61
10/2/2017 21:36 61	12/2/2017 10:41 60	12/2/2017 19:46 60	14/2/2017 20:51 61	16/2/2017 21:56 61	19/2/2017 7:01 61
10/2/2017 21:41 61	12/2/2017 10:46 57	12/2/2017 19:51 63	14/2/2017 20:56 62	16/2/2017 22:01 60	19/2/2017 7:06 60
10/2/2017 21:46 61	12/2/2017 10:51 58	12/2/2017 19:56 60	14/2/2017 21:01 62	16/2/2017 22:06 60	19/2/2017 7:11 60
10/2/2017 21:51 61	12/2/2017 10:56 61	12/2/2017 20:01 60	14/2/2017 21:06 61	16/2/2017 22:11 61	19/2/2017 7:16 61
10/2/2017 21:56 61	12/2/2017 11:01 61	12/2/2017 20:06 60	14/2/2017 21:11 61	16/2/2017 22:16 60	19/2/2017 7:21 60
10/2/2017 22:01 63	12/2/2017 11:06 61	12/2/2017 20:11 62	14/2/2017 21:16 61	16/2/2017 22:21 60	19/2/2017 7:26 60
10/2/2017 22:06 61	12/2/2017 11:11 60	12/2/2017 20:16 60	14/2/2017 21:21 61	16/2/2017 22:26 61	19/2/2017 7:31 60
10/2/2017 22:11 62	12/2/2017 11:16 59	12/2/2017 20:21 61	14/2/2017 21:26 60	16/2/2017 22:31 60	19/2/2017 7:36 60
10/2/2017 22:16 60	12/2/2017 11:21 59	12/2/2017 20:26 60	14/2/2017 21:31 60	16/2/2017	

Real-time Noise Data		RTN4 (Causeway Bay Community Centre)							
19/2/2017 14:26	61	20/2/2017 19:31	59	22/2/2017 20:36	61	24/2/2017 21:41	61	26/2/2017 10:46	60
19/2/2017 14:31	61	20/2/2017 19:36	54	22/2/2017 20:41	63	24/2/2017 21:46	61	26/2/2017 10:51	60
19/2/2017 14:36	58	20/2/2017 19:41	61	22/2/2017 20:46	59	24/2/2017 21:51	62	26/2/2017 10:56	61
19/2/2017 14:41	60	20/2/2017 19:46	62	22/2/2017 20:51	59	24/2/2017 21:56	61	26/2/2017 11:01	61
19/2/2017 14:46	59	20/2/2017 19:51	60	22/2/2017 20:56	63	24/2/2017 22:01	61	26/2/2017 11:06	61
19/2/2017 14:51	60	20/2/2017 19:56	61	22/2/2017 21:01	60	24/2/2017 22:06	61	26/2/2017 11:11	63
19/2/2017 14:56	59	20/2/2017 20:01	62	22/2/2017 21:06	62	24/2/2017 22:11	61	26/2/2017 11:16	54
19/2/2017 15:01	62	20/2/2017 20:06	58	22/2/2017 21:11	61	24/2/2017 22:16	60	26/2/2017 11:21	61
19/2/2017 15:06	61	20/2/2017 20:11	59	22/2/2017 21:16	61	24/2/2017 22:21	61	26/2/2017 11:26	61
19/2/2017 15:11	62	20/2/2017 20:16	54	22/2/2017 21:21	63	24/2/2017 22:26	62	26/2/2017 11:31	61
19/2/2017 15:16	60	20/2/2017 20:21	60	22/2/2017 21:26	58	24/2/2017 22:31	62	26/2/2017 11:36	61
19/2/2017 15:21	59	20/2/2017 20:26	61	22/2/2017 21:31	60	24/2/2017 22:36	62	26/2/2017 11:41	61
19/2/2017 15:26	59	20/2/2017 20:31	60	22/2/2017 21:36	60	24/2/2017 22:41	62	26/2/2017 11:46	60
19/2/2017 15:31	59	20/2/2017 20:36	60	22/2/2017 21:41	60	24/2/2017 22:46	61	26/2/2017 11:51	60
19/2/2017 15:36	58	20/2/2017 20:41	61	22/2/2017 21:46	61	24/2/2017 22:51	61	26/2/2017 11:56	60
19/2/2017 15:41	59	20/2/2017 20:46	59	22/2/2017 21:51	60	24/2/2017 22:56	61	26/2/2017 12:01	60
19/2/2017 15:46	58	20/2/2017 20:51	57	22/2/2017 21:56	60	25/2/2017 19:01	62	26/2/2017 12:06	60
19/2/2017 15:51	58	20/2/2017 20:56	60	22/2/2017 22:01	60	25/2/2017 19:06	62	26/2/2017 12:11	61
19/2/2017 15:56	59	20/2/2017 21:01	60	22/2/2017 22:06	61	25/2/2017 19:11	62	26/2/2017 12:16	61
19/2/2017 16:01	59	20/2/2017 21:06	61	22/2/2017 22:11	60	25/2/2017 19:16	60	26/2/2017 12:21	61
19/2/2017 16:06	58	20/2/2017 21:11	61	22/2/2017 22:16	60	25/2/2017 19:21	62	26/2/2017 12:26	61
19/2/2017 16:11	61	20/2/2017 21:16	60	22/2/2017 22:21	62	25/2/2017 19:26	62	26/2/2017 12:31	60
19/2/2017 16:16	57	20/2/2017 21:21	60	22/2/2017 22:26	60	25/2/2017 19:31	62	26/2/2017 12:36	61
19/2/2017 16:21	61	20/2/2017 21:26	63	22/2/2017 22:31	61	25/2/2017 19:36	62	26/2/2017 12:41	63
19/2/2017 16:26	58	20/2/2017 21:31	60	22/2/2017 22:36	61	25/2/2017 19:41	62	26/2/2017 12:46	61
19/2/2017 16:31	57	20/2/2017 21:36	59	22/2/2017 22:41	62	25/2/2017 19:46	62	26/2/2017 12:51	50
19/2/2017 16:36	59	20/2/2017 21:41	62	22/2/2017 22:46	59	25/2/2017 19:51	61	26/2/2017 12:56	63
19/2/2017 16:41	59	20/2/2017 21:46	59	22/2/2017 22:51	59	25/2/2017 19:56	62	26/2/2017 13:01	62
19/2/2017 16:46	59	20/2/2017 21:51	60	22/2/2017 22:56	59	25/2/2017 20:01	61	26/2/2017 13:06	62
19/2/2017 16:51	59	20/2/2017 21:56	59	23/2/2017 19:01	61	25/2/2017 20:06	61	26/2/2017 13:11	61
19/2/2017 16:56	57	20/2/2017 22:01	60	23/2/2017 19:06	61	25/2/2017 20:11	60	26/2/2017 13:16	63
19/2/2017 17:01	59	20/2/2017 22:06	60	23/2/2017 19:11	61	25/2/2017 20:16	61	26/2/2017 13:21	61
19/2/2017 17:06	57	20/2/2017 22:11	60	23/2/2017 19:16	60	25/2/2017 20:21	62	26/2/2017 13:26	61
19/2/2017 17:11	58	20/2/2017 22:16	59	23/2/2017 19:21	61	25/2/2017 20:26	62	26/2/2017 13:31	61
19/2/2017 17:16	59	20/2/2017 22:21	61	23/2/2017 19:26	61	25/2/2017 20:31	61	26/2/2017 13:36	60
19/2/2017 17:21	62	20/2/2017 22:26	60	23/2/2017 19:31	62	25/2/2017 20:36	54	26/2/2017 13:41	62
19/2/2017 17:26	58	20/2/2017 22:31	59	23/2/2017 19:36	60	25/2/2017 20:41	60	26/2/2017 13:46	61
19/2/2017 17:31	57	20/2/2017 22:36	59	23/2/2017 19:41	61	25/2/2017 20:46	59	26/2/2017 13:51	61
19/2/2017 17:36	58	20/2/2017 22:41	60	23/2/2017 19:46	60	25/2/2017 20:51	60	26/2/2017 13:56	61
19/2/2017 17:41	58	20/2/2017 22:46	59	23/2/2017 19:51	61	25/2/2017 20:56	62	26/2/2017 14:01	61
19/2/2017 17:46	59	20/2/2017 22:51	59	23/2/2017 19:56	61	25/2/2017 21:01	59	26/2/2017 14:06	63
19/2/2017 17:51	59	20/2/2017 22:56	59	23/2/2017 20:01	60	25/2/2017 21:06	60	26/2/2017 14:11	61
19/2/2017 17:56	59	21/2/2017 19:01	61	23/2/2017 20:06	61	25/2/2017 21:11	60	26/2/2017 14:16	60
19/2/2017 18:01	63	21/2/2017 19:06	61	23/2/2017 20:11	60	25/2/2017 21:16	59	26/2/2017 14:21	62
19/2/2017 18:06	61	21/2/2017 19:11	61	23/2/2017 20:16	60	25/2/2017 21:21	60	26/2/2017 14:26	61
19/2/2017 18:11	63	21/2/2017 19:16	61	23/2/2017 20:21	60	25/2/2017 21:26	59	26/2/2017 14:31	63
19/2/2017 18:16	58	21/2/2017 19:21	61	23/2/2017 20:26	60	25/2/2017 21:31	62	26/2/2017 14:36	62
19/2/2017 18:21	58	21/2/2017 19:26	61	23/2/2017 20:31	60	25/2/2017 21:36	60	26/2/2017 14:41	63
19/2/2017 18:26	57	21/2/2017 19:31	61	23/2/2017 20:36	60	25/2/2017 21:41	61	26/2/2017 14:46	61
19/2/2017 18:31	60	21/2/2017 19:36	61	23/2/2017 20:41	60	25/2/2017 21:46	60	26/2/2017 14:51	61
19/2/2017 18:36	60	21/2/2017 19:41	60	23/2/2017 20:46	59	25/2/2017 21:51	61	26/2/2017 14:56	62
19/2/2017 18:41	61	21/2/2017 19:46	60	23/2/2017 20:51	60	25/2/2017 21:56	60	26/2/2017 15:01	61
19/2/2017 18:46	62	21/2/2017 19:51	61	23/2/2017 20:56	60	25/2/2017 22:01	60	26/2/2017 15:06	62
19/2/2017 18:51	57	21/2/2017 19:56	54	23/2/2017 21:01	59	25/2/2017 22:06	59	26/2/2017 15:11	62
19/2/2017 18:56	55	21/2/2017 20:01	51	23/2/2017 21:06	59	25/2/2017 22:11	60	26/2/2017 15:16	62
19/2/2017 19:01	60	21/2/2017 20:06	60	23/2/2017 21:11	60	25/2/2017 22:16	60	26/2/2017 15:21	61
19/2/2017 19:06	60	21/2/2017 20:11	60	23/2/2017 21:16	59	25/2/2017 22:21	60	26/2/2017 15:26	61
19/2/2017 19:11	61	21/2/2017 20:16	61	23/2/2017 21:21	59	25/2/2017 22:26	61	26/2/2017 15:31	59
19/2/2017 19:16	61	21/2/2017 20:21	60	23/2/2017 21:26	60	25/2/2017 22:31	61	26/2/2017 15:36	60
19/2/2017 19:21	60	21/2/2017 20:26	60	23/2/2017 21:31	60	25/2/2017 22:36	60	26/2/2017 15:41	60
19/2/2017 19:26	60	21/2/2017 20:31	60	23/2/2017 21:36	60	25/2/2017 22:41	62	26/2/2017 15:46	59
19/2/2017 19:31	61	21/2/2017 20:36	54	23/2/2017 21:41	60	25/2/2017 22:46	59	26/2/2017 15:51	59
19/2/2017 19:36	59	21/2/2017 20:41	57	23/2/2017 21:46	60	25/2/2017 22:51	61	26/2/2017 15:56	58
19/2/2017 19:41	61	21/2/2017 20:46	62	23/2/2017 21:51	60	25/2/2017 22:56	61	26/2/2017 16:01	60
19/2/2017 19:46	60	21/2/2017 20:51	63	23/2/2017 21:56	59	26/2/2017 7:01	59	26/2/2017 16:06	59
19/2/2017 19:51	60	21/2/2017 20:56	62	23/2/2017 22:01	61	26/2/2017 7:06	61	26/2/2017 16:11	59
19/2/2017 19:56	61	21/2/2017 21:01	63	23/2/2017 22:06	60	26/2/2017 7:11	61	26/2/2017 16:16	59
19/2/2017 20:01	60	21/2/2017 21:06	62	23/2/2017 22:11	60	26/2/2017 7:16	59	26/2/2017 16:21	60
19/2/2017 20:06	60	21/2/2017 21:11	62	23/2/2017 22:16	60	26/2/2017 7:21	59	26/2/2017 16:26	62
19/2/2017 20:11	60	21/2/2017 21:16	46	23/2/2017 22:21	59	26/2/2017 7:26	60	26/2/2017 16:31	62
19/2/2017 20:16	60	21/2/2017 21:21	60	23/2/2017 22:26	60	26/2/2017 7:31	59	26/2/2017 16:36	62
19/2/2017 20:21	60	21/2/2017 21:26	63	23/2/2017 22:31	59	26/2/2017 7:36	60	26/2/2017 16:41	62
19/2/2017 20:26	60	21/2/2017 21:31	61	23/2/2017 22:36	59	26/2/2017 7:41	61	26/2/2017 16:46	62
19/2/2017 20:31	59	21/2/2017 21:36	62	23/2/2017 22:41	59	26/2/2017 7:46	60	26/2/2017 16:51	62
19/2/2017 20:36	61	21/2/2017 21:41	62	23/2/2017 22:46	59	26/2/2017 7:51	60	26/2/2017 16:56	61
19/2/2017 20:41	59	21/2/2017 21:46	62	23/2/2017 22:51	59	26/2/2017 7:56	62	26/2/2017 17:01	62
19/2/2017 20:46	59	21/2/2017 21:51	60	23/2/2017 22:56	61	26/2/2017 8:01	60	26/2/2017 17:06	62
19/2/2017 20:51	60	21/2/2017 21:56	60	24/2/2017 19:01	60	26/2/2017 8:06	60	26/2/2017 17:11	62
19/2/2017 20:56	59	21/2/2017 22:01	60	24/2/2017 19:06	60	26/2/2017 8:11	62	26/2/2017 17:16	62
19/2/2017 21:01	59	21/2/2017 22:06	61	24/2/2017 19:11	60	26/2/2017 8:16	60	26/2/2017 17:21	61
19/2/2017 21:06	59	21/2/2017 22:11	61	24/2/2017 19:16	59	26/2/2017 8:21	61	26/2/2017 17:26	61
19/2/2017 21:11	61	21/2/2017 22:16	60	24/2/2017 19:21	60	26/2/2017 8:26	56	26/2/2017 17:31	61
19/2/2017 21:16	59	21/2/2017 22:21	60	24/2/2017 19:26	60	26/2/2017 8:31	56	26/2/2017 17:36	61
19/2/2017 21:21	61	21/2/2017 22:26	60	24/2/2017 19:31	60	26/2/2017 8:36	60	26/2/2017 17:41	61
19/2/2017 21:26	59	21/2/2017 22:31	60	24/2/2017 19:36	60	26/2/2017 8:41	61	26/2/2017 17:46	63
19/2/2017 21:31	59	21/2/2017 22:36	60	24/2/2017 19:41	59	26/2/2017 8:46	61	26/2/2017 17:51	60
19/2/2017 21:36	60	21/2/2017 22:41	59	24/2/2017 19:46	59	26/2/2017 8:51	61	26/2/2017 17:56	62
19/2/2017 21:41	62	21/2/2017 22:46	60	24/2/2017 19:51	60	26/2/2017 8:56	62		

Real-time Noise Data		RTN4 (Causeway Bay Community Centre)													
27/1/2017 5:41	59	28/1/2017 6:46	57	29/1/2017 23:51	58	31/1/2017 0:56	58	1/2/2017 2:01	57	2/2/2017 3:06	57				
27/1/2017 5:46	59	28/1/2017 6:51	56	29/1/2017 23:56	59	31/1/2017 1:01	58	1/2/2017 2:06	57	2/2/2017 3:11	57				
27/1/2017 5:51	60	28/1/2017 6:56	57	30/1/2017 0:01	58	31/1/2017 1:06	58	1/2/2017 2:11	56	2/2/2017 3:16	57				
27/1/2017 5:56	59	28/1/2017 23:01	60	30/1/2017 0:06	58	31/1/2017 1:11	57	1/2/2017 2:16	57	2/2/2017 3:21	57				
27/1/2017 6:01	59	28/1/2017 23:06	57	30/1/2017 0:11	58	31/1/2017 1:16	57	1/2/2017 2:21	56	2/2/2017 3:26	57				
27/1/2017 6:06	59	28/1/2017 23:11	57	30/1/2017 0:16	58	31/1/2017 1:21	58	1/2/2017 2:26	56	2/2/2017 3:31	58				
27/1/2017 6:11	60	28/1/2017 23:16	57	30/1/2017 0:21	58	31/1/2017 1:26	57	1/2/2017 2:31	56	2/2/2017 3:36	57				
27/1/2017 6:16	60	28/1/2017 23:21	57	30/1/2017 0:26	58	31/1/2017 1:31	57	1/2/2017 2:36	56	2/2/2017 3:41	58				
27/1/2017 6:21	60	28/1/2017 23:26	57	30/1/2017 0:31	58	31/1/2017 1:36	58	1/2/2017 2:41	55	2/2/2017 3:46	57				
27/1/2017 6:26	35	28/1/2017 23:31	57	30/1/2017 0:36	57	31/1/2017 1:41	58	1/2/2017 2:46	55	2/2/2017 3:51	57				
27/1/2017 6:31	61	28/1/2017 23:36	58	30/1/2017 0:41	57	31/1/2017 1:46	57	1/2/2017 2:51	55	2/2/2017 3:56	57				
27/1/2017 6:36	61	28/1/2017 23:41	59	30/1/2017 0:46	57	31/1/2017 1:51	57	1/2/2017 2:56	56	2/2/2017 4:01	57				
27/1/2017 6:41	61	28/1/2017 23:46	59	30/1/2017 0:51	58	31/1/2017 1:56	57	1/2/2017 3:01	55	2/2/2017 4:06	57				
27/1/2017 6:46	52	28/1/2017 23:51	60	30/1/2017 0:56	56	31/1/2017 2:01	58	1/2/2017 3:06	56	2/2/2017 4:11	57				
27/1/2017 6:51	42	28/1/2017 23:56	59	30/1/2017 1:01	57	31/1/2017 2:06	56	1/2/2017 3:11	55	2/2/2017 4:16	57				
27/1/2017 6:56	52	29/1/2017 0:01	59	30/1/2017 1:06	57	31/1/2017 2:11	58	1/2/2017 3:16	54	2/2/2017 4:21	58				
27/1/2017 23:01	59	29/1/2017 0:06	58	30/1/2017 1:11	58	31/1/2017 2:16	56	1/2/2017 3:21	55	2/2/2017 4:26	57				
27/1/2017 23:06	60	29/1/2017 0:11	59	30/1/2017 1:16	57	31/1/2017 2:21	57	1/2/2017 3:26	56	2/2/2017 4:31	57				
27/1/2017 23:11	60	29/1/2017 0:16	58	30/1/2017 1:21	57	31/1/2017 2:26	57	1/2/2017 3:31	56	2/2/2017 4:36	58				
27/1/2017 23:16	59	29/1/2017 0:21	58	30/1/2017 1:26	57	31/1/2017 2:31	56	1/2/2017 3:36	56	2/2/2017 4:41	57				
27/1/2017 23:21	60	29/1/2017 0:26	58	30/1/2017 1:31	56	31/1/2017 2:36	56	1/2/2017 3:41	54	2/2/2017 4:46	57				
27/1/2017 23:26	59	29/1/2017 0:31	52	30/1/2017 1:36	58	31/1/2017 2:41	57	1/2/2017 3:46	55	2/2/2017 4:51	57				
27/1/2017 23:31	58	29/1/2017 0:36	58	30/1/2017 1:41	58	31/1/2017 2:46	57	1/2/2017 3:51	56	2/2/2017 4:56	57				</

Real-time Noise Data		RTN4 (Causeway Bay Community Centre)											
3/2/2017 4:11	55	4/2/2017 5:16	57	5/2/2017 6:21	58	6/2/2017 23:26	59	8/2/2017 0:31	58	9/2/2017 1:36	56		
3/2/2017 4:16	55	4/2/2017 5:21	56	5/2/2017 6:26	59	6/2/2017 23:31	59	8/2/2017 0:36	58	9/2/2017 1:41	57		
3/2/2017 4:21	55	4/2/2017 5:26	56	5/2/2017 6:31	59	6/2/2017 23:36	59	8/2/2017 0:41	59	9/2/2017 1:46	56		
3/2/2017 4:26	56	4/2/2017 5:31	56	5/2/2017 6:36	59	6/2/2017 23:41	58	8/2/2017 0:46	58	9/2/2017 1:51	56		
3/2/2017 4:31	55	4/2/2017 5:36	56	5/2/2017 6:41	58	6/2/2017 23:46	59	8/2/2017 0:51	58	9/2/2017 1:56	57		
3/2/2017 4:36	55	4/2/2017 5:41	57	5/2/2017 6:46	59	6/2/2017 23:51	58	8/2/2017 0:56	57	9/2/2017 2:01	57		
3/2/2017 4:41	55	4/2/2017 5:46	57	5/2/2017 6:51	59	6/2/2017 23:56	58	8/2/2017 1:01	58	9/2/2017 2:06	57		
3/2/2017 4:46	55	4/2/2017 5:51	57	5/2/2017 6:56	59	7/2/2017 0:01	59	8/2/2017 1:06	58	9/2/2017 2:11	56		
3/2/2017 4:51	56	4/2/2017 5:56	57	5/2/2017 23:01	58	7/2/2017 0:06	58	8/2/2017 1:11	58	9/2/2017 2:16	56		
3/2/2017 4:56	55	4/2/2017 6:01	57	5/2/2017 23:06	59	7/2/2017 0:11	58	8/2/2017 1:16	58	9/2/2017 2:21	57		
3/2/2017 5:01	55	4/2/2017 6:06	58	5/2/2017 23:11	59	7/2/2017 0:16	58	8/2/2017 1:21	57	9/2/2017 2:26	56		
3/2/2017 5:06	55	4/2/2017 6:11	57	5/2/2017 23:16	59	7/2/2017 0:21	59	8/2/2017 1:26	57	9/2/2017 2:31	55		
3/2/2017 5:11	55	4/2/2017 6:16	57	5/2/2017 23:21	59	7/2/2017 0:26	59	8/2/2017 1:31	58	9/2/2017 2:36	56		
3/2/2017 5:16	56	4/2/2017 6:21	59	5/2/2017 23:26	59	7/2/2017 0:31	58	8/2/2017 1:36	58	9/2/2017 2:41	55		
3/2/2017 5:21	57	4/2/2017 6:26	59	5/2/2017 23:31	59	7/2/2017 0:36	58	8/2/2017 1:41	57	9/2/2017 2:46	55		
3/2/2017 5:26	55	4/2/2017 6:31	58	5/2/2017 23:36	58	7/2/2017 0:41	57	8/2/2017 1:46	57	9/2/2017 2:51	56		
3/2/2017 5:31	56	4/2/2017 6:36	59	5/2/2017 23:41	59	7/2/2017 0:46	58	8/2/2017 1:51	58	9/2/2017 2:56	54		
3/2/2017 5:36	56	4/2/2017 6:41	59	5/2/2017 23:46	59	7/2/2017 0:51	58	8/2/2017 1:56	57	9/2/2017 3:01	55		
3/2/2017 5:41	57	4/2/2017 6:46	59	5/2/2017 23:51	58	7/2/2017 0:56	57	8/2/2017 2:01	57	9/2/2017 3:06	55		
3/2/2017 5:46	57	4/2/2017 6:51	60	5/2/2017 23:56	59	7/2/2017 1:01	58	8/2/2017 2:06	57	9/2/2017 3:11	55		
3/2/2017 5:51	56	4/2/2017 6:56	60	6/2/2017 0:01	58	7/2/2017 1:06	57	8/2/2017 2:11	57	9/2/2017 3:16	56		
3/2/2017 5:56	58	4/2/2017 23:01	60	6/2/2017 0:06	58	7/2/2017 1:11	59	8/2/2017 2:16	57	9/2/2017 3:21	54		
3/2/2017 6:01	58	4/2/2017 23:06	60	6/2/2017 0:11	59	7/2/2017 1:16	60	8/2/2017 2:21	57	9/2/2017 3:26	56		
3/2/2017 6:06	57	4/2/2017 23:11	60	6/2/2017 0:16	57	7/2/2017 1:21	58	8/2/2017 2:26	57	9/2/2017 3:31	54		
3/2/2017 6:11	57	4/2/2017 23:16	60	6/2/2017 0:21	57	7/2/2017 1:26	58	8/2/2017 2:31	56	9/2/2017 3:36	56		
3/2/2017 6:16	58	4/2/2017 23:21	60	6/2/2017 0:26	58	7/2/2017 1:31	58	8/2/2017 2:36	56	9/2/2017 3:41	55		
3/2/2017 6:21	58	4/2/2017 23:26	60	6/2/2017 0:31	58	7/2/2017 1:36	57	8/2/2017 2:41	57	9/2/2017 3:46	55		
3/2/2017 6:26	59	4/2/2017 23:31	60	6/2/2017 0:36	57	7/2/2017 1:41	56	8/2/2017 2:46	57	9/2/2017 3:51	56		
3/2/2017 6:31	59	4/2/2017 23:36	59	6/2/2017 0:41	57	7/2/2017 1:46	56	8/2/2017 2:51	58	9/2/2017 3:56	54		
3/2/2017 6:36	59	4/2/2017 23:41	59	6/2/2017 0:46	56	7/2/2017 1:51	57	8/2/2017 2:56	55	9/2/2017 4:01	55		
3/2/2017 6:41	59	4/2/2017 23:46	59	6/2/2017 0:51	56	7/2/2017 1:56	57	8/2/2017 3:01	57	9/2/2017 4:06	55		
3/2/2017 6:46	59	4/2/2017 23:51	59	6/2/2017 0:56	58	7/2/2017 2:01	57	8/2/2017 3:06	56	9/2/2017 4:11	56		
3/2/2017 6:51	60	4/2/2017 23:56	60	6/2/2017 1:01	57	7/2/2017 2:06	55	8/2/2017 3:11	57	9/2/2017 4:16	54		
3/2/2017 6:56	60	5/2/2017 0:01	59	6/2/2017 1:06	57	7/2/2017 2:11	56	8/2/2017 3:16	56	9/2/2017 4:21	55		
3/2/2017 23:01	50	5/2/2017 0:06	59	6/2/2017 1:11	56	7/2/2017 2:16	56	8/2/2017 3:21	56	9/2/2017 4:26	55		
3/2/2017 23:06	60	5/2/2017 0:11	59	6/2/2017 1:16	56	7/2/2017 2:21	56	8/2/2017 3:26	57	9/2/2017 4:31	55		
3/2/2017 23:11	60	5/2/2017 0:16	59	6/2/2017 1:21	59	7/2/2017 2:26	56	8/2/2017 3:31	57	9/2/2017 4:36	56		
3/2/2017 23:16	60	5/2/2017 0:21	61	6/2/2017 1:26	56	7/2/2017 2:31	54	8/2/2017 3:36	57	9/2/2017 4:41	55		
3/2/2017 23:21	61	5/2/2017 0:26	59	6/2/2017 1:31	55	7/2/2017 2:36	56	8/2/2017 3:41	56	9/2/2017 4:46	55		
3/2/2017 23:26	60	5/2/2017 0:31	59	6/2/2017 1:36	55	7/2/2017 2:41	55	8/2/2017 3:46	57	9/2/2017 4:51	55		
3/2/2017 23:31	60	5/2/2017 0:36	59	6/2/2017 1:41	56	7/2/2017 2:46	56	8/2/2017 3:51	56	9/2/2017 4:56	55		
3/2/2017 23:36	60	5/2/2017 0:41	58	6/2/2017 1:46	56	7/2/2017 2:51	57	8/2/2017 3:56	57	9/2/2017 5:01	56		
3/2/2017 23:41	60	5/2/2017 0:46	58	6/2/2017 1:51	55	7/2/2017 2:56	55	8/2/2017 4:01	56	9/2/2017 5:06	55		
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3/2/2017 23:51	60	5/2/2017 0:56	58	6/2/2017 2:01	56	7/2/2017 3:06	56	8/2/2017 4:11	56	9/2/2017 5:16	56		
3/2/2017 23:56	59	5/2/2017 1:01	60	6/2/2017 2:06	55	7/2/2017 3:11	55	8/2/2017 4:16	57	9/2/2017 5:21	58		
4/2/2017 0:01	60	5/2/2017 1:06	59	6/2/2017 2:11	56	7/2/2017 3:16	55	8/2/2017 4:21	57	9/2/2017 5:26	56		
4/2/2017 0:06	59	5/2/2017 1:11	59	6/2/2017 2:16	55	7/2/2017 3:21	54	8/2/2017 4:26	57	9/2/2017 5:31	56		
4/2/2017 0:11	59	5/2/2017 1:16	59	6/2/2017 2:21	56	7/2/2017 3:26	55	8/2/2017 4:31	55	9/2/2017 5:36	56		
4/2/2017 0:16	59	5/2/2017 1:21	59	6/2/2017 2:26	55	7/2/2017 3:31	56	8/2/2017 4:36	57	9/2/2017 5:41	57		
4/2/2017 0:21	60	5/2/2017 1:26	59	6/2/2017 2:31	54	7/2/2017 3:36	56	8/2/2017 4:41	56	9/2/2017 5:46	57		
4/2/2017 0:26	59	5/2/2017 1:31	59	6/2/2017 2:36	54	7/2/2017 3:41	56	8/2/2017 4:46	56	9/2/2017 5:51	57		
4/2/2017 0:31	58	5/2/2017 1:36	59	6/2/2017 2:41	54	7/2/2017 3:46	56	8/2/2017 4:51	56	9/2/2017 5:56	57		
4/2/2017 0:36	59	5/2/2017 1:41	58	6/2/2017 2:46	55	7/2/2017 3:51	55	8/2/2017 4:56	56	9/2/2017 6:01	57		
4/2/2017 0:41	58	5/2/2017 1:46	59	6/2/2017 2:51	54	7/2/2017 3:56	55	8/2/2017 5:01	56	9/2/2017 6:06	58		
4/2/2017 0:46	58	5/2/2017 1:51	59	6/2/2017 2:56	57	7/2/2017 4:01	55	8/2/2017 5:06	56	9/2/2017 6:11	57		
4/2/2017 0:51	59	5/2/2017 1:56	58	6/2/2017 3:01	55	7/2/2017 4:06	56	8/2/2017 5:11	56	9/2/2017 6:16	59		
4/2/2017 0:56	58	5/2/2017 2:01	58	6/2/2017 3:06	54	7/2/2017 4:11	55	8/2/2017 5:16	56	9/2/2017 6:21	59		
4/2/2017 1:01	58	5/2/2017 2:06	58	6/2/2017 3:11	54	7/2/2017 4:16	56	8/2/2017 5:21	58	9/2/2017 6:26	59		
4/2/2017 1:06	58	5/2/2017 2:11	58	6/2/2017 3:16	53	7/2/2017 4:21	55	8/2/2017 5:26	56	9/2/2017 6:31	59		
4/2/2017 1:11	57	5/2/2017 2:16	58	6/2/2017 3:21	54	7/2/2017 4:26	55	8/2/2017 5:31	57	9/2/2017 6:36	60		
4/2/2017 1:16	58	5/2/2017 2:21	57	6/2/2017 3:26	54	7/2/2017 4:31	56	8/2/2017 5:36	58	9/2/2017 6:41	60		
4/2/2017 1:21	58	5/2/2017 2:26	58	6/2/2017 3:31	54	7/2/2017 4:36	56	8/2/2017 5:41	58	9/2/2017 6:46	61		
4/2/2017 1:26	58	5/2/2017 2:31	58	6/2/2017 3:36	56	7/2/2017 4:41	55	8/2/2017 5:46	58	9/2/2017 6:51	60		
4/2/2017 1:31	58	5/2/2017 2:36	57	6/2/2017 3:41	55	7/2/2017 4:46	56	8/2/2017 5:51	58	9/2/2017 6:56	60		
4/2/2017 1:36	57	5/2/2017 2:41	58	6/2/2017 3:46	54	7/2/2017 4:51	56	8/2/2017 5:56	59	9/2/2017 23:01	60		
4/2/2017 1:41	57	5/2/2017 2:46	57	6/2/2017 3:51	55	7/2/2017 4:56	55	8/2/2017 6:01	58	9/2/2017 23:06	59		
4/2/2017 1:46	58	5/2/2017 2:51	57	6/2/2017 3:56	55	7/2/2017 5:01	55	8/2/2017 6:06	58	9/2/2017 23:11	60		
4/2/2017 1:51	58	5/2/2017 2:56	58	6/2/2017 4:01	57	7/2/2017 5:06	55	8/2/2017 6:11	58	9/2/2017 23:16	59		
4/2/2017 1:56	58	5/2/2017 3:01	57	6/2/2017 4:06	54	7/2/2017 5:11	54	8/2/2017 6:16	59	9/2/2017 23:21	59		
4/2/2017 2:01	57	5/2/2017 3:06	56	6/2/2017 4:11	55	7/2/2017 5:16	55	8/2/2017 6:21	60	9/2/2017 23:26	59		
4/2/2017 2:06	57	5/2/2017 3:11	58	6/2/2017 4:16	55	7/2/2017 5:21	56	8/2/2017 6:26	60	9/2/2017 23:31	60		
4/2/2017 2:11	57	5/2/2017 3:16	56	6/2/2017 4:21	55	7/2/2017 5:26	55	8/2/2017 6:31	60	9/2/2017 23:36	59		
4/2/2017 2:16	58	5/2/2017 3:21	57	6/2/2017 4:26	54	7/2/2017 5:31	56	8/2/2017 6:36	61	9/2/2017 23:41	58		
4/2/2017 2:21	58	5/2/2017 3:26	58	6/2/2017 4:31									

Real-time Noise Data		RTN4 (Causeway Bay Community Centre)									
10/2/2017 2:41	55	11/2/2017 3:46	56	12/2/2017 4:51	50	13/2/2017 5:56	57	14/2/2017 23:01	60	16/2/2017 0:06	58
10/2/2017 2:46	56	11/2/2017 3:51	56	12/2/2017 4:56	50	13/2/2017 6:01	57	14/2/2017 23:06	59	16/2/2017 0:11	59
10/2/2017 2:51	55	11/2/2017 3:56	57	12/2/2017 5:01	50	13/2/2017 6:06	58	14/2/2017 23:11	60	16/2/2017 0:16	58
10/2/2017 2:56	55	11/2/2017 4:01	56	12/2/2017 5:06	50	13/2/2017 6:11	58	14/2/2017 23:16	59	16/2/2017 0:21	58
10/2/2017 3:01	56	11/2/2017 4:06	55	12/2/2017 5:11	50	13/2/2017 6:16	59	14/2/2017 23:21	60	16/2/2017 0:26	58
10/2/2017 3:06	56	11/2/2017 4:11	56	12/2/2017 5:16	51	13/2/2017 6:21	59	14/2/2017 23:26	61	16/2/2017 0:31	58
10/2/2017 3:11	54	11/2/2017 4:16	56	12/2/2017 5:21	51	13/2/2017 6:26	60	14/2/2017 23:31	59	16/2/2017 0:36	58
10/2/2017 3:16	55	11/2/2017 4:21	56	12/2/2017 5:26	50	13/2/2017 6:31	59	14/2/2017 23:36	59	16/2/2017 0:41	58
10/2/2017 3:21	55	11/2/2017 4:26	57	12/2/2017 5:31	50	13/2/2017 6:36	59	14/2/2017 23:41	59	16/2/2017 0:46	58
10/2/2017 3:26	55	11/2/2017 4:31	56	12/2/2017 5:36	50	13/2/2017 6:41	43	14/2/2017 23:46	59	16/2/2017 0:51	57
10/2/2017 3:31	54	11/2/2017 4:36	56	12/2/2017 5:41	51	13/2/2017 6:46	48	14/2/2017 23:51	58	16/2/2017 0:56	58
10/2/2017 3:36	55	11/2/2017 4:41	55	12/2/2017 5:46	52	13/2/2017 6:51	51	14/2/2017 23:56	57	16/2/2017 1:01	57
10/2/2017 3:41	54	11/2/2017 4:46	55	12/2/2017 5:51	51	13/2/2017 6:56	51	15/2/2017 0:01	59	16/2/2017 1:06	56
10/2/2017 3:46	54	11/2/2017 4:51	55	12/2/2017 5:56	51	13/2/2017 23:01	46	15/2/2017 0:06	59	16/2/2017 1:11	57
10/2/2017 3:51	55	11/2/2017 4:56	55	12/2/2017 6:01	50	13/2/2017 23:06	52	15/2/2017 0:11	58	16/2/2017 1:16	57
10/2/2017 3:56	55	11/2/2017 5:01	56	12/2/2017 6:06	51	13/2/2017 23:11	49	15/2/2017 0:16	58	16/2/2017 1:21	56
10/2/2017 4:01	55	11/2/2017 5:06	55	12/2/2017 6:11	54	13/2/2017 23:16	39	15/2/2017 0:21	58	16/2/2017 1:26	56
10/2/2017 4:06	54	11/2/2017 5:11	56	12/2/2017 6:16	55	13/2/2017 23:21	50	15/2/2017 0:26	59	16/2/2017 1:31	56
10/2/2017 4:11	55	11/2/2017 5:16	56	12/2/2017 6:21	55	13/2/2017 23:26	51	15/2/2017 0:31	58	16/2/2017 1:36	56
10/2/2017 4:16	56	11/2/2017 5:21	56	12/2/2017 6:26	55	13/2/2017 23:31	47	15/2/2017 0:36	58	16/2/2017 1:41	57
10/2/2017 4:21	55	11/2/2017 5:26	56	12/2/2017 6:31	55	13/2/2017 23:36	49	15/2/2017 0:41	57	16/2/2017 1:46	56
10/2/2017 4:26	55	11/2/2017 5:31	56	12/2/2017 6:36	55	13/2/2017 23:41	61	15/2/2017 0:46	58	16/2/2017 1:51	56
10/2/2017 4:31	56	11/2/2017 5:36	57	12/2/2017 6:41	55	13/2/2017 23:46	44	15/2/2017 0:51	57	16/2/2017 1:56	56
10/2/2017 4:36	55	11/2/2017 5:41	56	12/2/2017 6:46	55	13/2/2017 23:51	61	15/2/2017 0:56	58	16/2/2017 2:01	57
10/2/2017 4:41	55	11/2/2017 5:46	55	12/2/2017 6:51	57	13/2/2017 23:56	48	15/2/2017 1:01	57	16/2/2017 2:06	59
10/2/2017 4:46	54	11/2/2017 5:51	57	12/2/2017 6:56	57	14/2/2017 0:01	61	15/2/2017 1:06	58	16/2/2017 2:11	55
10/2/2017 4:51	55	11/2/2017 5:56	57	12/2/2017 23:01	60	14/2/2017 0:06	61	15/2/2017 1:11	57	16/2/2017 2:16	55
10/2/2017 4:56	55	11/2/2017 6:01	57	12/2/2017 23:06	59	14/2/2017 0:11	60	15/2/2017 1:16	57	16/2/2017 2:21	56
10/2/2017 5:01	56	11/2/2017 6:06	57	12/2/2017 23:11	59	14/2/2017 0:16	60	15/2/2017 1:21	56	16/2/2017 2:26	55
10/2/2017 5:06	55	11/2/2017 6:11	57	12/2/2017 23:16	59	14/2/2017 0:21	60	15/2/2017 1:26	56	16/2/2017 2:31	57
10/2/2017 5:11	55	11/2/2017 6:16	57	12/2/2017 23:21	59	14/2/2017 0:26	61	15/2/2017 1:31	55	16/2/2017 2:36	55
10/2/2017 5:16	55	11/2/2017 6:21	58	12/2/2017 23:26	59	14/2/2017 0:31	60	15/2/2017 1:36	58	16/2/2017 2:41	55
10/2/2017 5:21	56	11/2/2017 6:26	58	12/2/2017 23:31	58	14/2/2017 0:36	61	15/2/2017 1:41	56	16/2/2017 2:46	54
10/2/2017 5:26	56	11/2/2017 6:31	59	12/2/2017 23:36	58	14/2/2017 0:41	60	15/2/2017 1:46	56	16/2/2017 2:51	55
10/2/2017 5:31	56	11/2/2017 6:36	59	12/2/2017 23:41	59	14/2/2017 0:46	59	15/2/2017 1:51	55	16/2/2017 2:56	55
10/2/2017 5:36	55	11/2/2017 6:41	55	12/2/2017 23:46	59	14/2/2017 0:51	60	15/2/2017 1:56	56	16/2/2017 3:01	54
10/2/2017 5:41	57	11/2/2017 6:46	59	12/2/2017 23:51	60	14/2/2017 0:56	60	15/2/2017 2:01	58	16/2/2017 3:06	55
10/2/2017 5:46	57	11/2/2017 6:51	61	12/2/2017 23:56	58	14/2/2017 1:01	59	15/2/2017 2:06	56	16/2/2017 3:11	55
10/2/2017 5:51	56	11/2/2017 6:56	60	13/2/2017 0:01	58	14/2/2017 1:06	60	15/2/2017 2:11	55	16/2/2017 3:16	55
10/2/2017 5:56	57	11/2/2017 23:01	60	13/2/2017 0:06	58	14/2/2017 1:11	60	15/2/2017 2:16	57	16/2/2017 3:21	55
10/2/2017 6:01	58	11/2/2017 23:06	57	13/2/2017 0:11	58	14/2/2017 1:16	62	15/2/2017 2:21	56	16/2/2017 3:26	54
10/2/2017 6:06	58	11/2/2017 23:11	60	13/2/2017 0:16	57	14/2/2017 1:21	59	15/2/2017 2:26	54	16/2/2017 3:31	56
10/2/2017 6:11	58	11/2/2017 23:16	50	13/2/2017 0:21	58	14/2/2017 1:26	59	15/2/2017 2:31	55	16/2/2017 3:36	55
10/2/2017 6:16	59	11/2/2017 23:21	60	13/2/2017 0:26	57	14/2/2017 1:31	60	15/2/2017 2:36	54	16/2/2017 3:41	55
10/2/2017 6:21	59	11/2/2017 23:26	59	13/2/2017 0:31	58	14/2/2017 1:36	60	15/2/2017 2:41	61	16/2/2017 3:46	56
10/2/2017 6:26	59	11/2/2017 23:31	59	13/2/2017 0:36	57	14/2/2017 1:41	59	15/2/2017 2:46	55	16/2/2017 3:51	54
10/2/2017 6:31	60	11/2/2017 23:36	60	13/2/2017 0:41	58	14/2/2017 1:46	59	15/2/2017 2:51	55	16/2/2017 3:56	55
10/2/2017 6:36	60	11/2/2017 23:41	59	13/2/2017 0:46	57	14/2/2017 1:51	59	15/2/2017 2:56	55	16/2/2017 4:01	54
10/2/2017 6:41	60	11/2/2017 23:46	60	13/2/2017 0:51	56	14/2/2017 1:56	59	15/2/2017 3:01	56	16/2/2017 4:06	55
10/2/2017 6:46	45	11/2/2017 23:51	59	13/2/2017 0:56	57	14/2/2017 2:01	59	15/2/2017 3:06	55	16/2/2017 4:11	54
10/2/2017 6:51	60	11/2/2017 23:56	59	13/2/2017 1:01	57	14/2/2017 2:06	59	15/2/2017 3:11	54	16/2/2017 4:16	54
10/2/2017 6:56	51	12/2/2017 0:01	59	13/2/2017 1:06	56	14/2/2017 2:11	59	15/2/2017 3:16	54	16/2/2017 4:21	55
10/2/2017 23:01	60	12/2/2017 0:06	59	13/2/2017 1:11	56	14/2/2017 2:16	59	15/2/2017 3:21	54	16/2/2017 4:26	56
10/2/2017 23:06	60	12/2/2017 0:11	58	13/2/2017 1:16	56	14/2/2017 2:21	59	15/2/2017 3:26	55	16/2/2017 4:31	54
10/2/2017 23:11	60	12/2/2017 0:16	58	13/2/2017 1:21	56	14/2/2017 2:26	59	15/2/2017 3:31	56	16/2/2017 4:36	55
10/2/2017 23:16	59	12/2/2017 0:21	59	13/2/2017 1:26	56	14/2/2017 2:31	59	15/2/2017 3:36	55	16/2/2017 4:41	55
10/2/2017 23:21	59	12/2/2017 0:26	58	13/2/2017 1:31	56	14/2/2017 2:36	59	15/2/2017 3:41	54	16/2/2017 4:46	54
10/2/2017 23:26	59	12/2/2017 0:31	59	13/2/2017 1:36	57	14/2/2017 2:41	59	15/2/2017 3:46	56	16/2/2017 4:51	55
10/2/2017 23:31	59	12/2/2017 0:36	58	13/2/2017 1:41	56	14/2/2017 2:46	59	15/2/2017 3:51	54	16/2/2017 4:56	55
10/2/2017 23:36	59	12/2/2017 0:41	59	13/2/2017 1:46	55	14/2/2017 2:51	58	15/2/2017 3:56	55	16/2/2017 5:01	54
10/2/2017 23:41	58	12/2/2017 0:46	59	13/2/2017 1:51	56	14/2/2017 2:56	58	15/2/2017 4:01	54	16/2/2017 5:06	55
10/2/2017 23:46	59	12/2/2017 0:51	59	13/2/2017 1:56	55	14/2/2017 3:01	58	15/2/2017 4:06	55	16/2/2017 5:11	54
10/2/2017 23:51	59	12/2/2017 0:56	59	13/2/2017 2:01	56	14/2/2017 3:06	58	15/2/2017 4:11	55	16/2/2017 5:16	56
10/2/2017 23:56	59	12/2/2017 1:01	58	13/2/2017 2:06	56	14/2/2017 3:11	59	15/2/2017 4:16	55	16/2/2017 5:21	56
11/2/2017 0:01	59	12/2/2017 1:06	58	13/2/2017 2:11	55	14/2/2017 3:16	58	15/2/2017 4:21	55	16/2/2017 5:26	56
11/2/2017 0:06	58	12/2/2017 1:11	58	13/2/2017 2:16	56	14/2/2017 3:21	58	15/2/2017 4:26	56	16/2/2017 5:31	56
11/2/2017 0:11	59	12/2/2017 1:16	57	13/2/2017 2:21	56	14/2/2017 3:26	58	15/2/2017 4:31	55	16/2/2017 5:36	57
11/2/2017 0:16	59	12/2/2017 1:21	57	13/2/2017 2:26	54	14/2/2017 3:31	59	15/2/2017 4:36	55	16/2/2017 5:41	57
11/2/2017 0:21	60	12/2/2017 1:26	58	13/2/2017 2:31	54	14/2/2017 3:36	58	15/2/2017 4:41	55	16/2/2017 5:46	57
11/2/2017 0:26	59	12/2/2017 1:31	56	13/2/2017 2:36	54	14/2/2017 3:41	59	15/2/2017 4:46	54	16/2/2017 5:51	57
11/2/2017 0:31	59	12/2/2017 1:36	53	13/2/2017 2:41	54	14/2/2017 3:46	59	15/2/2017 4:51	55	16/2/2017 5:56	57
11/2/2017 0:36	59	12/2/2017 1:41	52	13/2/2017 2:46	55	14/2/2017 3:51	58	15/2/2017 4:56	55	16/2/2017 6:01	58
11/2/2017 0:41	59	12/2/2017 1:46	52	13/2/2017 2:51	53	14/2/2017 3:56	58	15/2/2017 5:01	55	16/2/2017 6:06	57
11/2/2017 0:46	60	12/2/2017 1:51	51	13/2/2017 2:56	55	14/2/2017 4:01	59	15/2/2017 5:06	55	16/2/2017 6:11	58
11/2/2017 0:51	58	12/2/2017 1:56	50	13/2/2017 3:01	54	14/2/2017 4:06	59	15/2/2017 5:11	54	16/2/2017 6:16	58
11/2/2017 0:56	59	12/2/2017 2:01	51	13/2/2017 3:							

Real-time Noise Data		RTN4 (Causeway Bay Community Centre)											
17/2/2017 1:11	57	18/2/2017 2:16	58	19/2/2017 3:21	59	20/2/2017 4:26	55	21/2/2017 5:31	55	22/2/2017 6:36	60		
17/2/2017 1:16	55	18/2/2017 2:21	57	19/2/2017 3:26	59	20/2/2017 4:31	54	21/2/2017 5:36	55	22/2/2017 6:41	61		
17/2/2017 1:21	57	18/2/2017 2:26	58	19/2/2017 3:31	58	20/2/2017 4:36	55	21/2/2017 5:41	56	22/2/2017 6:46	61		
17/2/2017 1:26	58	18/2/2017 2:31	57	19/2/2017 3:36	58	20/2/2017 4:41	54	21/2/2017 5:46	57	22/2/2017 6:51	61		
17/2/2017 1:31	57	18/2/2017 2:36	57	19/2/2017 3:41	58	20/2/2017 4:46	55	21/2/2017 5:51	56	22/2/2017 6:56	60		
17/2/2017 1:36	57	18/2/2017 2:41	58	19/2/2017 3:46	57	20/2/2017 4:51	55	21/2/2017 5:56	56	22/2/2017 23:01	60		
17/2/2017 1:41	57	18/2/2017 2:46	58	19/2/2017 3:51	58	20/2/2017 4:56	55	21/2/2017 6:01	56	22/2/2017 23:06	59		
17/2/2017 1:46	56	18/2/2017 2:51	57	19/2/2017 3:56	58	20/2/2017 5:01	54	21/2/2017 6:06	57	22/2/2017 23:11	60		
17/2/2017 1:51	56	18/2/2017 2:56	61	19/2/2017 4:01	58	20/2/2017 5:06	56	21/2/2017 6:11	58	22/2/2017 23:16	59		
17/2/2017 1:56	57	18/2/2017 3:01	56	19/2/2017 4:06	58	20/2/2017 5:11	55	21/2/2017 6:16	59	22/2/2017 23:21	60		
17/2/2017 2:01	55	18/2/2017 3:06	56	19/2/2017 4:11	58	20/2/2017 5:16	54	21/2/2017 6:21	58	22/2/2017 23:26	60		
17/2/2017 2:06	56	18/2/2017 3:11	56	19/2/2017 4:16	58	20/2/2017 5:21	56	21/2/2017 6:26	59	22/2/2017 23:31	58		
17/2/2017 2:11	55	18/2/2017 3:16	56	19/2/2017 4:21	58	20/2/2017 5:26	56	21/2/2017 6:31	59	22/2/2017 23:36	59		
17/2/2017 2:16	56	18/2/2017 3:21	56	19/2/2017 4:26	58	20/2/2017 5:31	56	21/2/2017 6:36	59	22/2/2017 23:41	59		
17/2/2017 2:21	55	18/2/2017 3:26	57	19/2/2017 4:31	58	20/2/2017 5:36	55	21/2/2017 6:41	61	22/2/2017 23:46	59		
17/2/2017 2:26	55	18/2/2017 3:31	56	19/2/2017 4:36	57	20/2/2017 5:41	56	21/2/2017 6:46	60	22/2/2017 23:51	58		
17/2/2017 2:31	56	18/2/2017 3:36	56	19/2/2017 4:41	57	20/2/2017 5:46	56	21/2/2017 6:51	61	22/2/2017 23:56	59		
17/2/2017 2:36	56	18/2/2017 3:41	56	19/2/2017 4:46	57	20/2/2017 5:51	57	21/2/2017 6:56	60	23/2/2017 0:01	58		
17/2/2017 2:41	56	18/2/2017 3:46	57	19/2/2017 4:51	58	20/2/2017 5:56	57	21/2/2017 7:01	59	23/2/2017 0:06	58		
17/2/2017 2:46	55	18/2/2017 3:51	57	19/2/2017 4:56	58	20/2/2017 6:01	57	21/2/2017 7:06	59	23/2/2017 0:11	58		
17/2/2017 2:51	56	18/2/2017 3:56	56	19/2/2017 5:01	58	20/2/2017 6:06	58	21/2/2017 7:11	60	23/2/2017 0:16	58		
17/2/2017 2:56	55	18/2/2017 4:01	55	19/2/2017 5:06	58	20/2/2017 6:11	58	21/2/2017 7:16	60	23/2/2017 0:21	59		
17/2/2017 3:01	53	18/2/2017 4:06	56	19/2/2017 5:11	57	20/2/2017 6:16	59	21/2/2017 7:21	60	23/2/2017 0:26	59		
17/2/2017 3:06	55	18/2/2017 4:11	55	19/2/2017 5:16	57	20/2/2017 6:21	58	21/2/2017 7:26	59	23/2/2017 0:31	57		
17/2/2017 3:11	55	18/2/2017 4:16	56	19/2/2017 5:21	58	20/2/2017 6:26	59	21/2/2017 7:31	59	23/2/2017 0:36	58		
17/2/2017 3:16	55	18/2/2017 4:21	57	19/2/2017 5:26	58	20/2/2017 6:31	59	21/2/2017 7:36	60	23/2/2017 0:41	58		
17/2/2017 3:21	56	18/2/2017 4:26	56	19/2/2017 5:31	58	20/2/2017 6:36	60	21/2/2017 7:41	60	23/2/2017 0:46	60		
17/2/2017 3:26	56	18/2/2017 4:31	55	19/2/2017 5:36	58	20/2/2017 6:41	60	21/2/2017 7:46	60	23/2/2017 0:51	57		
17/2/2017 3:31	55	18/2/2017 4:36	56	19/2/2017 5:41	58	20/2/2017 6:46	61	21/2/2017 7:51	60	23/2/2017 0:56	58		
17/2/2017 3:36	56	18/2/2017 4:41	56	19/2/2017 5:46	58	20/2/2017 6:51	60	21/2/2017 7:56	59	23/2/2017 1:01	57		
17/2/2017 3:41	55	18/2/2017 4:46	55	19/2/2017 5:51	58	20/2/2017 6:56	59	22/2/2017 0:01	59	23/2/2017 1:06	57		
17/2/2017 3:46	54	18/2/2017 4:51	56	19/2/2017 5:56	58	20/2/2017 7:01	59	22/2/2017 0:06	59	23/2/2017 1:11	56		
17/2/2017 3:51	55	18/2/2017 4:56	55	19/2/2017 6:01	58	20/2/2017 7:06	59	22/2/2017 0:11	59	23/2/2017 1:16	57		
17/2/2017 3:56	55	18/2/2017 5:01	56	19/2/2017 6:06	59	20/2/2017 7:11	60	22/2/2017 0:16	59	23/2/2017 1:21	56		
17/2/2017 4:01	55	18/2/2017 5:06	56	19/2/2017 6:11	58	20/2/2017 7:16	58	22/2/2017 0:21	59	23/2/2017 1:26	55		
17/2/2017 4:06	55	18/2/2017 5:11	55	19/2/2017 6:16	58	20/2/2017 7:21	59	22/2/2017 0:26	58	23/2/2017 1:31	56		
17/2/2017 4:11	55	18/2/2017 5:16	56	19/2/2017 6:21	59	20/2/2017 7:26	58	22/2/2017 0:31	60	23/2/2017 1:36	55		
17/2/2017 4:16	55	18/2/2017 5:21	56	19/2/2017 6:26	59	20/2/2017 7:31	59	22/2/2017 0:36	59	23/2/2017 1:41	57		
17/2/2017 4:21	57	18/2/2017 5:26	56	19/2/2017 6:31	59	20/2/2017 7:36	58	22/2/2017 0:41	60	23/2/2017 1:46	56		
17/2/2017 4:26	57	18/2/2017 5:31	57	19/2/2017 6:36	61	20/2/2017 7:41	58	22/2/2017 0:46	58	23/2/2017 1:51	55		
17/2/2017 4:31	55	18/2/2017 5:36	57	19/2/2017 6:41	60	20/2/2017 7:46	57	22/2/2017 0:51	59	23/2/2017 1:56	57		
17/2/2017 4:36	55	18/2/2017 5:41	57	19/2/2017 6:46	60	20/2/2017 7:51	58	22/2/2017 0:56	59	23/2/2017 2:01	57		
17/2/2017 4:41	56	18/2/2017 5:46	56	19/2/2017 6:51	60	20/2/2017 7:56	58	22/2/2017 1:01	58	23/2/2017 2:06	57		
17/2/2017 4:46	55	18/2/2017 5:51	56	19/2/2017 6:56	59	21/2/2017 0:01	59	22/2/2017 1:06	58	23/2/2017 2:11	56		
17/2/2017 4:51	55	18/2/2017 5:56	57	19/2/2017 7:01	59	21/2/2017 0:06	58	22/2/2017 1:11	57	23/2/2017 2:16	55		
17/2/2017 4:56	56	18/2/2017 6:01	57	19/2/2017 7:06	58	21/2/2017 0:11	38	22/2/2017 1:16	57	23/2/2017 2:21	55		
17/2/2017 5:01	55	18/2/2017 6:06	58	19/2/2017 7:11	58	21/2/2017 0:16	59	22/2/2017 1:21	58	23/2/2017 2:26	55		
17/2/2017 5:06	56	18/2/2017 6:11	58	19/2/2017 7:16	58	21/2/2017 0:21	58	22/2/2017 1:26	57	23/2/2017 2:31	55		
17/2/2017 5:11	55	18/2/2017 6:16	59	19/2/2017 7:21	58	21/2/2017 0:26	58	22/2/2017 1:31	58	23/2/2017 2:36	56		
17/2/2017 5:16	56	18/2/2017 6:21	58	19/2/2017 7:26	58	21/2/2017 0:31	58	22/2/2017 1:36	58	23/2/2017 2:41	55		
17/2/2017 5:21	56	18/2/2017 6:26	58	19/2/2017 7:31	58	21/2/2017 0:36	57	22/2/2017 1:41	58	23/2/2017 2:46	54		
17/2/2017 5:26	56	18/2/2017 6:31	59	19/2/2017 7:36	58	21/2/2017 0:41	58	22/2/2017 1:46	57	23/2/2017 2:51	54		
17/2/2017 5:31	57	18/2/2017 6:36	60	19/2/2017 7:41	58	21/2/2017 0:46	57	22/2/2017 1:51	58	23/2/2017 2:56	54		
17/2/2017 5:36	56	18/2/2017 6:41	60	19/2/2017 7:46	59	21/2/2017 0:51	58	22/2/2017 1:56	57	23/2/2017 3:01	54		
17/2/2017 5:41	56	18/2/2017 6:46	60	19/2/2017 7:51	58	21/2/2017 0:56	57	22/2/2017 2:01	58	23/2/2017 3:06	54		
17/2/2017 5:46	56	18/2/2017 6:51	61	19/2/2017 7:56	58	21/2/2017 1:01	56	22/2/2017 2:06	57	23/2/2017 3:11	55		
17/2/2017 5:51	58	18/2/2017 6:56	59	20/2/2017 0:01	57	21/2/2017 1:06	56	22/2/2017 2:11	57	23/2/2017 3:16	54		
17/2/2017 5:56	56	18/2/2017 7:01	60	20/2/2017 0:06	57	21/2/2017 1:11	56	22/2/2017 2:16	56	23/2/2017 3:21	55		
17/2/2017 6:01	57	18/2/2017 7:06	60	20/2/2017 0:11	56	21/2/2017 1:16	59	22/2/2017 2:21	56	23/2/2017 3:26	54		
17/2/2017 6:06	58	18/2/2017 7:11	60	20/2/2017 0:16	57	21/2/2017 1:21	57	22/2/2017 2:26	56	23/2/2017 3:31	55		
17/2/2017 6:11	58	18/2/2017 7:16	60	20/2/2017 0:21	57	21/2/2017 1:26	56	22/2/2017 2:31	56	23/2/2017 3:36	55		
17/2/2017 6:16	58	18/2/2017 7:21	60	20/2/2017 0:26	59	21/2/2017 1:31	56	22/2/2017 2:36	57	23/2/2017 3:41	54		
17/2/2017 6:21	59	18/2/2017 7:26	60	20/2/2017 0:31	56	21/2/2017 1:36	56	22/2/2017 2:41	48	23/2/2017 3:46	55		
17/2/2017 6:26	59	18/2/2017 7:31	60	20/2/2017 0:36	56	21/2/2017 1:41	56	22/2/2017 2:46	60	23/2/2017 3:51	55		
17/2/2017 6:31	59	18/2/2017 7:36	60	20/2/2017 0:41	57	21/2/2017 1:46	56	22/2/2017 2:51	59	23/2/2017 3:56	54		
17/2/2017 6:36	60	18/2/2017 7:41	60	20/2/2017 0:46	56	21/2/2017 1:51	55	22/2/2017 2:56	58	23/2/2017 4:01	55		
17/2/2017 6:41	60	18/2/2017 7:46	60	20/2/2017 0:51	56	21/2/2017 1:56	55	22/2/2017 3:01	58	23/2/2017 4:06	55		
17/2/2017 6:46	42	18/2/2017 7:51	60	20/2/2017 0:56	56	21/2/2017 2:01	55	22/2/2017 3:06	61	23/2/2017 4:11	54		
17/2/2017 6:51	61	18/2/2017 7:56	60	20/2/2017 1:01	56	21/2/2017 2:06	55	22/2/2017 3:11	57	23/2/2017 4:16	55		
17/2/2017 6:56	60	19/2/2017 0:01	60	20/2/2017 1:06	57	21/2/2017 2:11	55	22/2/2017 3:16	59	23/2/2017 4:21	54		
17/2/2017 23:01	60	19/2/2017 0:06	61	20/2/2017 1:11	56	21/2/2017 2:16	56	22/2/2017 3:21	58	23/2/2017 4:26	55		
17/2/2017 23:06	60	19/2/2017 0:11	60	20/2/2017 1:16	56	21/2/2017 2:21	55	22/2/2017 3:26	58	23/2/2017 4:31	54		

Real-time Noise Data		RTN4 (Causeway Bay Community Centre)	
23/2/2017 23:41	58	25/2/2017 0:46	59
23/2/2017 23:46	58	25/2/2017 0:51	60
23/2/2017 23:51	58	25/2/2017 0:56	61
23/2/2017 23:56	59	25/2/2017 1:01	59
24/2/2017 0:01	59	25/2/2017 1:06	60
24/2/2017 0:06	58	25/2/2017 1:11	59
24/2/2017 0:11	58	25/2/2017 1:16	59
24/2/2017 0:16	58	25/2/2017 1:21	60
24/2/2017 0:21	58	25/2/2017 1:26	60
24/2/2017 0:26	58	25/2/2017 1:31	59
24/2/2017 0:31	58	25/2/2017 1:36	59
24/2/2017 0:36	57	25/2/2017 1:41	59
24/2/2017 0:41	58	25/2/2017 1:46	59
24/2/2017 0:46	56	25/2/2017 1:51	59
24/2/2017 0:51	57	25/2/2017 1:56	59
24/2/2017 0:56	58	25/2/2017 2:01	46
24/2/2017 1:01	57	25/2/2017 2:06	59
24/2/2017 1:06	58	25/2/2017 2:11	59
24/2/2017 1:11	56	25/2/2017 2:16	59
24/2/2017 1:16	56	25/2/2017 2:21	59
24/2/2017 1:21	56	25/2/2017 2:26	59
24/2/2017 1:26	57	25/2/2017 2:31	59
24/2/2017 1:31	57	25/2/2017 2:36	59
24/2/2017 1:36	56	25/2/2017 2:41	59
24/2/2017 1:41	59	25/2/2017 2:46	59
24/2/2017 1:46	56	25/2/2017 2:51	59
24/2/2017 1:51	56	25/2/2017 2:56	58
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24/2/2017 4:26	55	25/2/2017 5:31	58
24/2/2017 4:31	54	25/2/2017 5:36	58
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25/2/2017 0:11	60	26/2/2017 1:16	58
25/2/2017 0:16	60	26/2/2017 1:21	59
25/2/2017 0:21	42	26/2/2017 1:26	57
25/2/2017 0:26	60	26/2/2017 1:31	58
25/2/2017 0:31	60	26/2/2017 1:36	57
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25/2/2017 0:41	61	26/2/2017 1:46	57



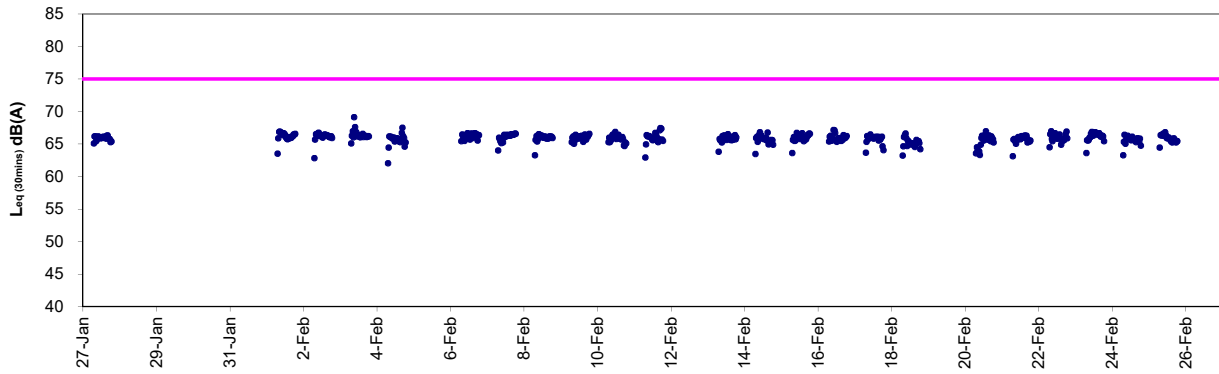
Contract no. HK/2015/01

Wan Chai Development Phase II and Central-Wan Chai Bypass

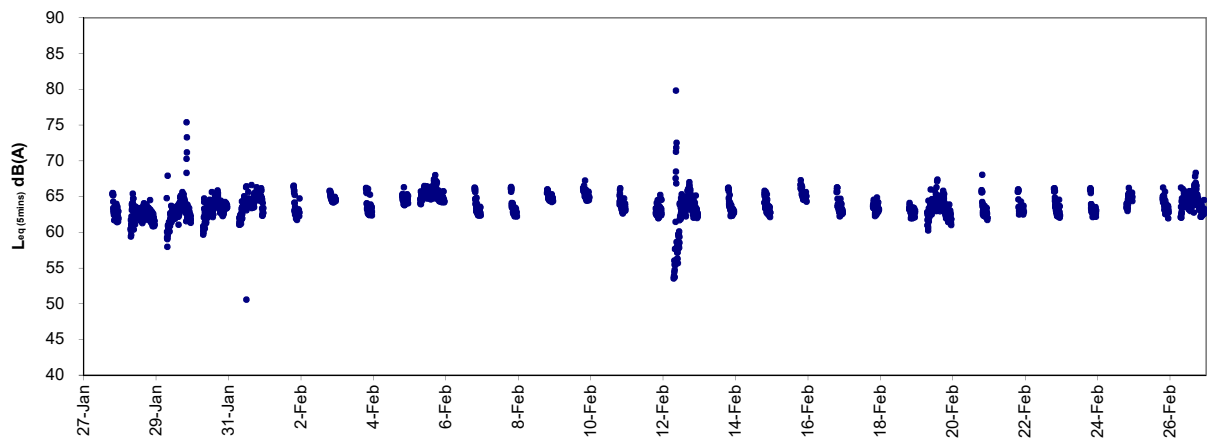
Sampling, Field Measurement and Testing Works (Stage 3)

Graphic Presentation of Real Time Noise Monitoring Result (RTN1-Food and Environmental Hygiene Department Depot)

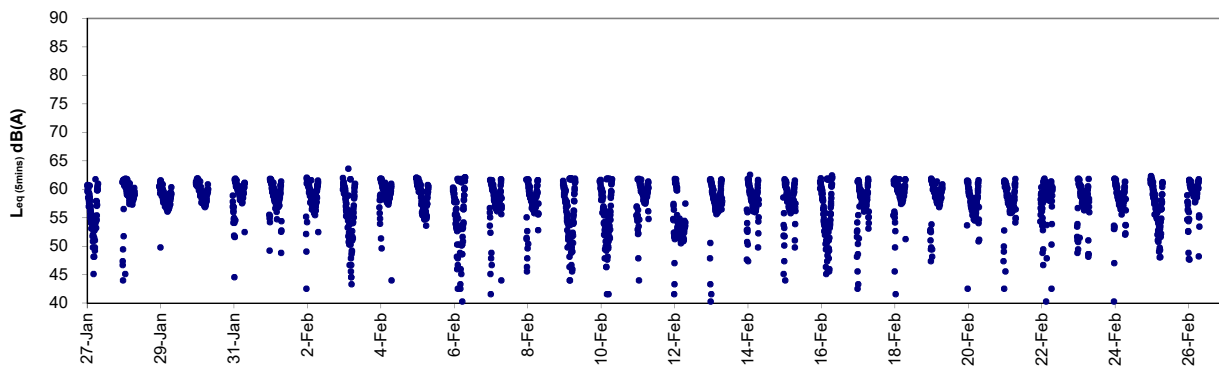
Day Time (0700 -1900 hrs on normal weekdays)



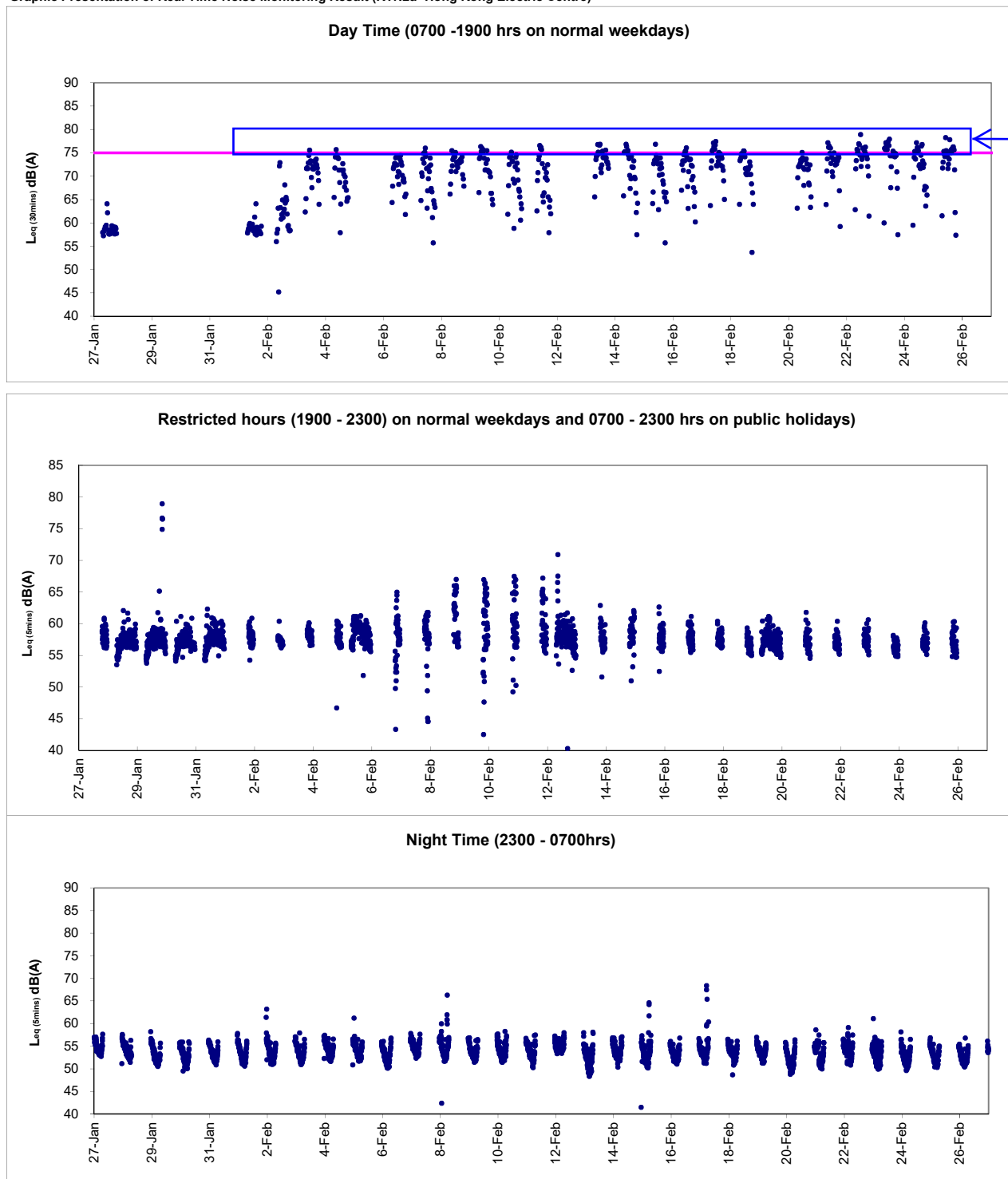
Restricted hours (1900 - 2300) on normal weekdays and 0700 - 2300 hrs on public holidays)



Night Time (2300 - 0700hrs)



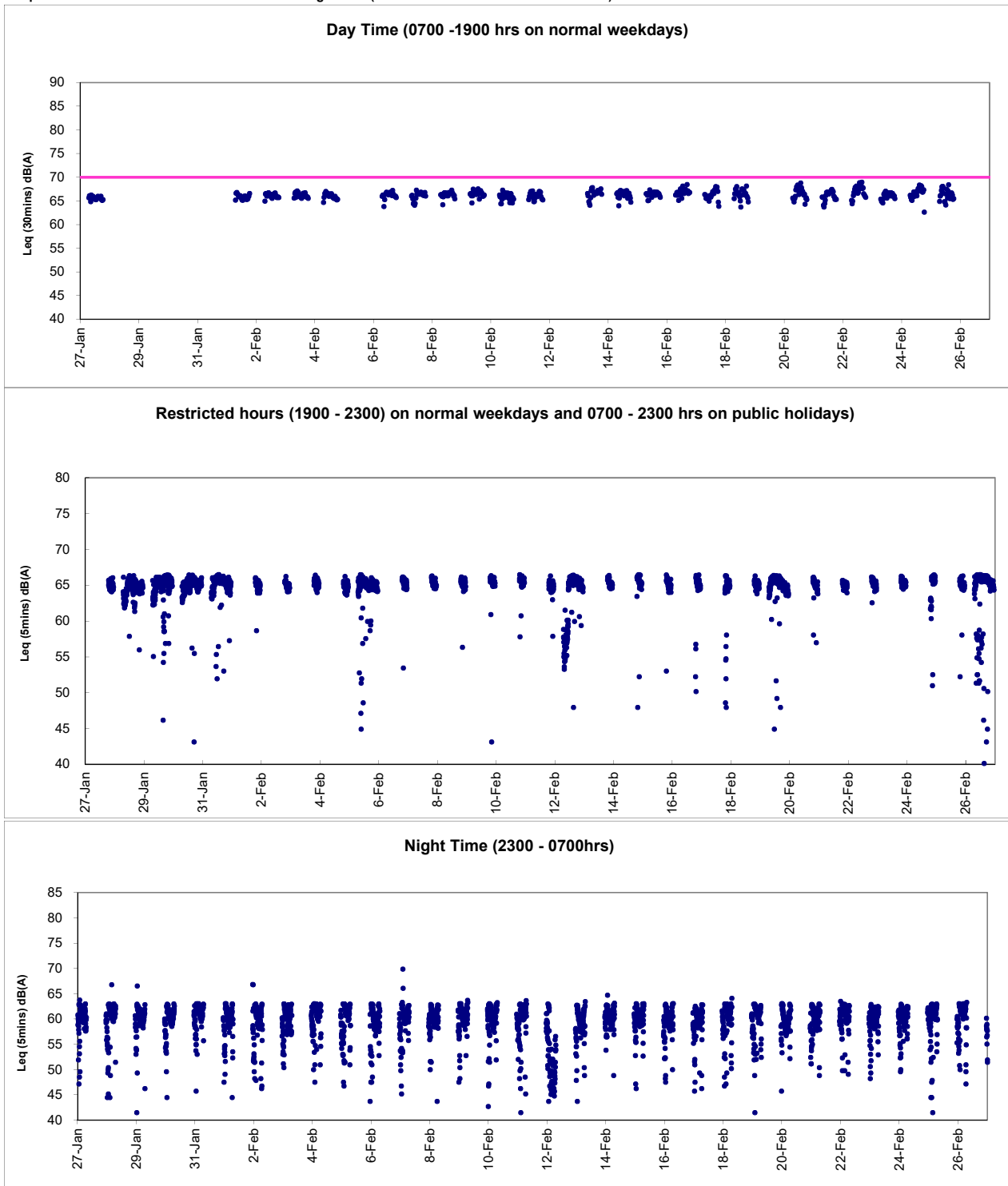
Graphic Presentation of Real Time Noise Monitoring Result (RTN2a- Hong Kong Electric Centre)



After checking with Contractor of HY/2009/19, on 03, 04, 11 and 13 February 2017, no works was conducted around the monitoring station and on 07, 09, 14, 15, 24, 25 February 2017, re-boring, sheet piling and sheet pile extraction were conducted. On 16 and 17 February 2017, pre-boring and sheet piling were conducted and on 21, 22, 23 February 2017, pre-boring and sheet piling and administration building concrete junction trimming works and temporary noise barrier was provided along the site boundary. Mitigation measure including provision temporary noise barrier along the site boundary was implemented. For Contractor of HY/2011/08, formwork and bar fixing works were conducted at the Administration Building Area on 03, 04, 07, 09, 11, 13 to 15 February 2017 and formwork and bar fixing works and concreting works were conducted on 16, 17, 21 to 25 February 2017 at the Administration Building Area. Nevertheless, building construction works with breaking and hammering works under non-CWB private development site at Oil Street was conducted at the building level adjacent to the noise monitoring station and were considered as the major noise contribution across the monitoring period in February. As such, the exceedances were considered as non-Project related.



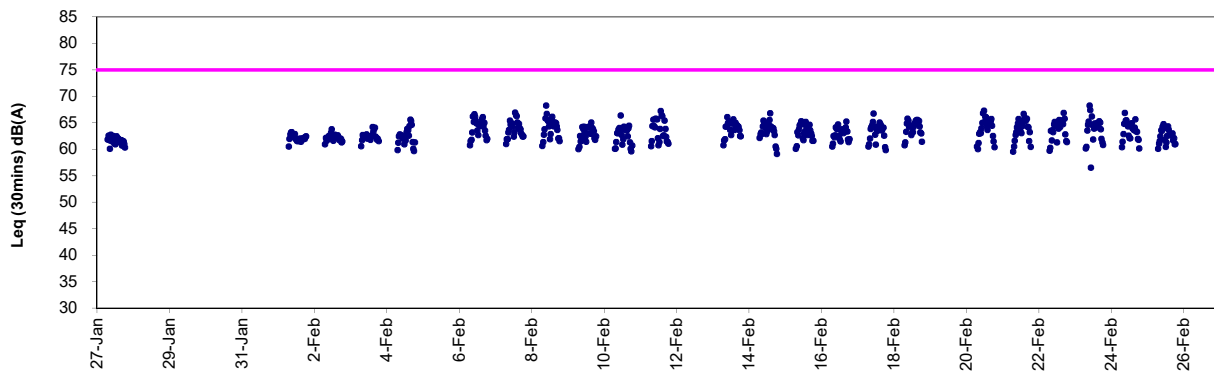
Graphic Presentation of Real Time Noise Monitoring Result (RTN3-Yu Lee Mo Fan Memorial School)



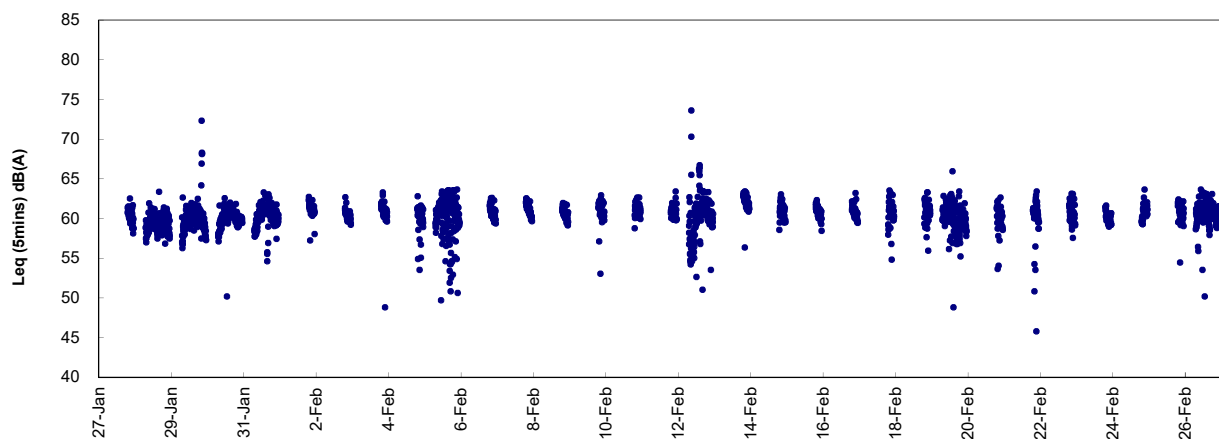


Graphic Presentation of Real Time Noise Monitoring Result (RTN4-Causeway Bay Community Centre)

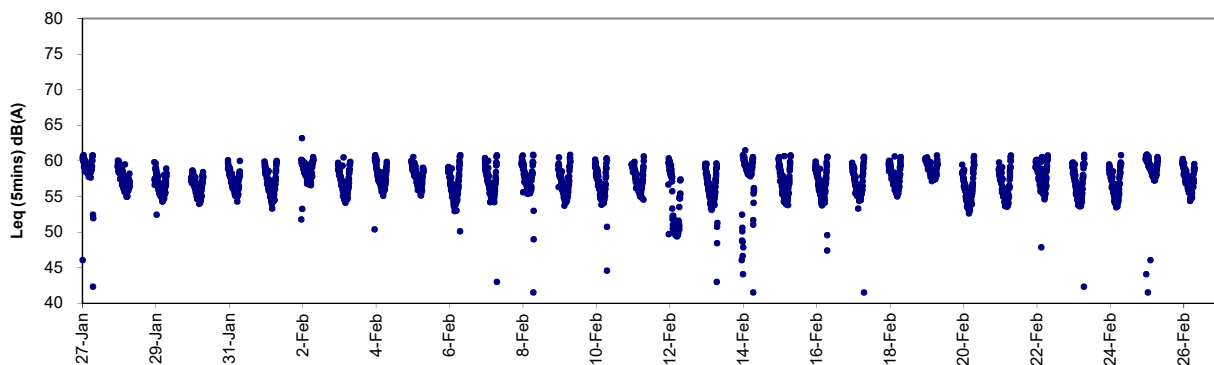
Day Time (0700 -1900 hrs on normal weekdays)



Restricted hours (1900 - 2300) on normal weekdays and 0700 - 2300 hrs on public holidays



Night Time (2300 - 0700hrs)





Appendix 6.1

Event Action Plans



Event/Action Plan for Construction Noise

EVENT	ACTION			
	ET	IEC	ER	CONTRACTOR
Action Level being exceeded	<ol style="list-style-type: none">1. Notify ER, IEC and Contractor;2. Carry out investigation;3. Report the results of investigation to the IEC, ER and Contractor;4. Discuss with the IEC and Contractor on remedial measures required;5. Increase monitoring frequency to check mitigation effectiveness. <p>(The above actions should be taken within 2 working days after the exceedance is identified)</p>	<ol style="list-style-type: none">1. Review the investigation results submitted by the ET;2. Review the proposed remedial measures by the Contractor and advise the ER accordingly;3. Advise the ER on the effectiveness of the proposed remedial measures. <p>(The above actions should be taken within 2 working days after the exceedance is identified)</p>	<ol style="list-style-type: none">1. Confirm receipt of notification of failure in writing;2. Notify Contractor;3. In consolidation with the IEC, agree with the Contractor on the remedial measures to be implemented;4. Supervise the implementation of remedial measures. <p>(The above actions should be taken within 2 working days after the exceedance is identified)</p>	<ol style="list-style-type: none">1. Submit noise mitigation proposals to IEC and ER;2. Implement noise mitigation proposals. <p>(The above actions should be taken within 2 working days after the exceedance is identified)</p>



EVENT	ACTION			
	ET	IEC	ER	CONTRACTOR
Limit Level being exceeded	<ol style="list-style-type: none">1. Inform IEC, ER, Contractor and EPD;2. Repeat measurements to confirm findings;3. Increase monitoring frequency;4. Identify source and investigate the cause of exceedance;5. Carry out analysis of Contractor's working procedures;6. Discuss with the IEC, Contractor and ER on remedial measures required;7. Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and ER informed of the results;8. If exceedance stops, cease additional monitoring. <p>(The above actions should be taken within 2 working days after the exceedance is identified)</p>	<ol style="list-style-type: none">1. Discuss amongst ER, ET, and Contractor on the potential remedial actions;2. Review Contractor's remedial actions whenever necessary to assure their effectiveness and advise the ER accordingly. <p>(The above actions should be taken within 2 working days after the exceedance is identified)</p>	<ol style="list-style-type: none">1. Confirm receipt of notification of failure in writing;2. Notify Contractor;3. In consolidation with the IEC, agree with the Contractor on the remedial measures to be implemented;4. Supervise the implementation of remedial measures;5. If exceedance continues, consider stopping the Contractor to continue working on that portion of work which causes the exceedance until the exceedance is abated. <p>(The above actions should be taken within 2 working days after the exceedance is identified)</p>	<ol style="list-style-type: none">1. Take immediate action to avoid further exceedance;2. Submit proposals for remedial actions to IEC and ER within 3 working days of notification;3. Implement the agreed proposals;4. Submit further proposal if problem still not under control;5. Stop the relevant portion of works as instructed by the ER until the exceedance is abated. <p>(The above actions should be taken within 2 working days after the exceedance is identified)</p>

**Event / Action Plan for Construction Air Quality**

EVENT	ACTION			
	ET	IEC	ER	CONTRACTOR
ACTION LEVEL				
1. Exceedance for one sample	1. Identify source, investigate the causes of exceedance and propose remedial measures; 2. Inform IEC and ER; 3. Repeat measurement to confirm finding; 4. Increase monitoring frequency to daily. (The above actions should be taken within 2 working days after the exceedance is identified)	1. Check monitoring data submitted by ET; 2. Check Contractor's working method. (The above actions should be taken within 2 working days after the exceedance is identified)	1. Notify Contractor. (The above actions should be taken within 2 working days after the exceedance is identified)	1. Rectify any unacceptable practice; 2. Amend working methods if appropriate. (The above actions should be taken within 2 working days after the exceedance is identified)
2. Exceedance for two or more consecutive samples	1. Identify source; 2. Inform IEC and ER; 3. Advise the ER on the effectiveness of the proposed remedial measures; 4. Repeat measurements to confirm findings; 5. Increase monitoring frequency to daily; 6. Discuss with IEC and Contractor on remedial actions required; 7. If exceedance continues, arrange meeting with IEC and ER; 8. If exceedance stops, cease additional monitoring. (The above actions should be taken within 2 working days after the exceedance is identified)	1. Check monitoring data submitted by ET; 2. Check Contractor's working method; 3. Discuss with ET and Contractor on possible remedial measures; 4. Advise the ET on the effectiveness of the proposed remedial measures; 5. Supervise Implementation of remedial measures. (The above actions should be taken within 2 working days after the exceedance is identified)	1. Confirm receipt of notification of failure in writing; 2. Notify Contractor; 3. Ensure remedial measures properly implemented. (The above actions should be taken within 2 working days after the exceedance is identified)	1. Submit proposals for remedial to ER within 3 working days of notification; 2. Implement the agreed proposals; 3. Amend proposal if appropriate. (The above actions should be taken within 2 working days after the exceedance is identified)
LIMIT LEVEL				
1. Exceedance for one sample	1. Identify source, investigate the causes of exceedance and propose remedial measures; 2. Inform ER, Contractor and EPD; 3. Repeat measurement to confirm finding; 4. Increase monitoring frequency to daily; 5. Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and ER informed of the results. (The above actions should be taken within 2 working days after the exceedance is identified)	1. Check monitoring data submitted by ET; 2. Check Contractor's working method; 3. Discuss with ET and Contractor on possible remedial measures; 4. Advise the ER on the effectiveness of the proposed remedial measures; 5. Supervise implementation of remedial measures. (The above actions should be taken within 2 working days after the exceedance is identified)	1. Confirm receipt of notification of failure in writing; 2. Notify Contractor; 3. Ensure remedial measures properly implemented. (The above actions should be taken within 2 working days after the exceedance is identified)	1. Take immediate action to avoid further exceedance; 2. Submit proposals for remedial actions to IEC within 3 working days of notification; 3. Implement the agreed proposals; 4. Amend proposal if appropriate. (The above actions should be taken within 2 working days after the exceedance is identified)
2. Exceedance for two or more consecutive samples	1. Notify IEC, ER, Contractor and EPD; 2. Identify source; 3. Repeat measurement to confirm findings; 4. Increase monitoring frequency to daily; 5. Carry out analysis of Contractor's working procedures to determine possible mitigation to be implemented; 6. Arrange meeting with IEC and ER to discuss the remedial actions to be taken; 7. Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and ER informed of the results; 8. If exceedance stops, cease additional monitoring. (The above actions should be taken within 2 working days after the exceedance is identified)	1. Discuss amongst ER, ET, and Contractor on the potential remedial actions; 2. Review Contractor's remedial actions whenever necessary to assure their effectiveness and advise the ER accordingly; 3. Supervise the implementation of remedial measures.	1. Confirm receipt of notification of failure in writing; 2. Notify Contractor; 3. In consolidation with the IEC, agree with the Contractor on the remedial measures to be implemented; 4. Ensure remedial measures properly implemented; 5. If exceedance continues, consider what portion of the work is responsible and instruct the Contractor to stop that portion of work until the exceedance is abated. (The above actions should be taken within 2 working days after the exceedance is identified)	1. Take immediate action to avoid further exceedance; 2. Submit proposals for remedial actions to IEC within 3 working days of notification; 3. Implement the agreed proposals; 4. Resubmit proposals if problem still not under control; 5. Stop the relevant portion of works as determined by the ER until the exceedance is abated. (The above actions should be taken within 2 working days after the exceedance is identified)



Appendix 6.2

Summary for Notification of Exceedance

Ref. No.	Date	Time	Location	Measured TSP Level	Unit	Action Level	Limit Level	Follow-up action
X_16A026	2-Feb-17	13:00	CMA5b- Pedestrian Plaza	472.3	1hr TSP (ug/m ³)	332.0	500	<p>Possible reason: Elevated TSP level potentially in relate to other sources affecting local ambient condition such as road traffic next to the monitoring station</p> <p>Action taken / to be taken: Reviewed the trend of air quality measurement across monitoring stations. Analysis of contractor's working procedures.</p> <p>Remarks / Other Obs: No construction works was undertaken on the monitoring date around Pedestrian Plaza under Contract HK/2009/01 and no particular observation regarding air quality impact was observed during sampling. In view of the above, the action level exceedance was considered to be non-project related and potentially contributed by other sources affecting local ambient condition such as road traffic next to the monitoring station. In addition, non WDII-CWB Project construction activities opposite to the monitoring station was observed on the monitoring date. Nevertheless, the Contractor of HK/2009/01 was reminded to maintain regular dust suppression measures for any potential dusty surface and dust generating operation around the concerned location to avoid any potential cumulative air quality impact.</p>
X_16A027	2-Feb-17	13:00	CMA5b- Pedestrian Plaza	472.3	1hr TSP (ug/m ³)	332.0	500	<p>Possible reason: Elevated TSP level potentially in relate to other sources affecting local ambient condition such as road traffic next to the monitoring station</p> <p>Action taken / to be taken: Reviewed the trend of air quality measurement across monitoring stations. Analysis of contractor's working procedures. Mitigation measures including maintaining haul road in dampened condition was implemented by contractor.</p> <p>Remarks / Other Obs: Despite formwork erection and rebar fixing were undertaken on the monitoring date at around Pedestrian Plaza under Contractor of HK/2012/08, dust suppression measure including haul road maintained in dampened condition were implemented and no particular observation regarding air quality impact was observed during sampling. In view of the above, the action level exceedance was considered to be non-project related and potentially contributed by other sources affecting local ambient condition such as road traffic next to the monitoring station. In addition, non WDII-CWB Project construction activities opposite to the monitoring station was observed on the monitoring date. Nevertheless, the Contractor of HK/2012/08 was reminded to maintain regularly dust suppression measures for any potential dusty surface and dust generating operation around the concerned location to avoid any potential cumulative air quality impact.</p>
X_16A029	18-Feb-17	8:00	CMA5b- Pedestrian Plaza	209	24 hr TSP (ug/m ³)	181.0	260	<p>Possible reason: Elevated TSP level potentially in relate to other sources affecting local ambient condition such as road traffic next to the monitoring station</p> <p>Action taken / to be taken: Reviewed the trend of air quality measurement across monitoring stations. Analysis of contractor's working procedures.</p> <p>Remarks / Other Obs: No construction works was undertaken on the monitoring date around Pedestrian Plaza under Contract HK/2009/01 and no particular observation regarding air quality impact was observed during sampling. In view of the above, the action level exceedance was considered to be non-project related and potentially contributed by other sources affecting local ambient condition such as road traffic next to the monitoring station. In addition, non WDII-CWB Project construction activities opposite to the monitoring station was observed on the monitoring date. Nevertheless, the Contractor of HK/2009/01 was reminded to maintain regular dust suppression measures for any potential dusty surface and dust generating operation around the concerned location to avoid any potential cumulative air quality impact.</p>
X_16A030	18-Feb-17	8:00	CMA5b- Pedestrian Plaza	209	24 hr TSP (ug/m ³)	181.0	260	<p>Possible reason: Elevated TSP level potentially in relate to other sources affecting local ambient condition such as road traffic next to the monitoring station</p> <p>Action taken / to be taken: Reviewed the trend of air quality measurement across monitoring stations. Analysis of contractor's working procedures. Mitigation measures including maintaining haul road in dampened condition was implemented by contractor.</p> <p>Remarks / Other Obs: Despite formwork erection and rebar fixing were undertaken on the monitoring date at around Pedestrian Plaza under Contractor of HK/2012/08, dust suppression measure including haul road maintained in dampened condition were implemented and no particular observation regarding air quality impact was observed during sampling. In view of the above, the action level exceedance was considered to be non-project related and potentially contributed by other sources affecting local ambient condition such as road traffic next to the monitoring station. In addition, non WDII-CWB Project construction activities opposite to the monitoring station was observed on the monitoring date. Nevertheless, the Contractor of HK/2012/08 was reminded to maintain regularly dust suppression measures for any potential dusty surface and dust generating operation around the concerned location to avoid any potential cumulative air quality impact.</p>



Ref. No.	Date	Time	Location	Construction Noise Level, dB(A)	Parameter	Action Level	Limit Level dB(A)	Follow-up action
X_16N060	7-Feb-17	8:45	M6 - HK Baptist Church Henrietta Secondary School	69	Leq(30min)	when one documented complaint was received.	65	<p>Possible reason: Traffic nearby was observed during monitoring and was considered as the major noise contribution.</p> <p>Action taken / to be taken: Repeated measurement to confirm result and reviewed the trend of noise measurement. Analysis of contractor's working procedure.</p> <p>Remarks / Other Obs: Lifting of support frame for girder installation was conducted under HY/2009/19 around the monitoring location, no particular noise was considered from the construction activities and nearby traffic noise was observed as major noise source during monitoring. As such, the exceedance was considered as non-Project related.</p>
X_16N061	13-Feb-17	10:55	M6 - HK Baptist Church Henrietta Secondary School	68	Leq(30min)	when one documented complaint was received.	65	<p>Possible reason: Traffic nearby was observed during monitoring and was considered as the major noise contribution.</p> <p>Action taken / to be taken: Repeated measurement to confirm result and reviewed the trend of noise measurement. Analysis of contractor's working procedure.</p> <p>Remarks / Other Obs: Relocation of girder support was conducted under HY/2009/19 around the monitoring location, no particular noise was considered from the construction activities and nearby traffic noise was observed as major noise source during monitoring. As such, the exceedance was considered as non-Project related.</p>
X_16N062	21-Feb-17	10:57	M6 - HK Baptist Church Henrietta Secondary School	68	Leq(30min)	when one documented complaint was received.	65	<p>Possible reason: Traffic nearby was observed during monitoring and was considered as the major noise contribution.</p> <p>Action taken / to be taken: Repeated measurement to confirm result and reviewed the trend of noise measurement. Analysis of contractor's working procedure.</p> <p>Remarks / Other Obs: Mobilization of launching girder and installation of girder were conducted under HY/2009/19 around the monitoring location, no particular noise was considered from the construction activities and nearby traffic noise was observed as major noise source during monitoring. As such, the exceedance was considered as non-Project related.</p>



Appendix 9.1

Complaint Log



Environmental Complaints Log

Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
110723a	23/07/2011	Ms. Law at Victoria Centre by ICC no. 1-303887687	North Point	She concerned that Highways Department published a notice in their Management Office about construction works will be conducted from 0700 hours to 2300 hours during July to December 2011 including Saturday, Sunday and public holiday.	1) It was referred by AECOM to ET on 28 July 2011 2) RSS confirmed that the notice was prepared by Victoria Centre 'a Management office to their resident and the advice was only given on the extension construction works (for Contract HY/2009/15) to 7am-9pm Monday to Saturday except Public Holidays and Sundays. 3) As a mitigation measure to minimize the noise nuisance in the vicinity of the residents, rock breaking activities will be started at 8am and is expected to be completed by mid-August 2011. 4) No noise exceedance was recorded at construction noise monitoring station at Victoria Centre on 19 and 25 July 2011 during daytime and evening time period while breaking and excavation works were observed during monitoring. 5) In conclusion, it was related to the construction works under Contract HY/2009/15 and mitigation measure was provided. The complainant was satisfied with the arrangement and no further complaint was received after proposed measures.	Closed
110723b	23/07/2011	Ms. Yau at Block 2, Victoria Centre by ICC no. 1-304013959	North Point	Reclamation work was conducted at Causeway Bay Typhoon Shelter at 7am on 23 July 2011. She complained that the works shall be started later to minimize the noise nuisance to the vicinity of the residents in early morning	1) It was referred by AECOM to ET on 8 August 2011 2) RSS confirmed to start the rock breaking activities for Contract HY/2009/15 at 8am as a mitigation measure to minimize the noise nuisance in the vicinity of the residents. 3) With reference to the construction noise monitoring at Victoria Centre, no exceedance was recorded on 19 and 25 July 2011 during daytime while breaking and excavation works were undertaken during monitoring 4) In conclusion, it was related to the construction works under Contract HY/2009/15 and mitigation measure was provided. The complainant was satisfied with the arrangement and no further complaint was received after proposed measures.	Closed
110727a	27/07/2011	Mr. Law from Victoria Centre Management Office by ICC no. 1-304616162	North Point	It was complained by Mr. Law from Victoria Centre Management Office on 27 July 2011 regarding construction noise generated by the construction operations of	1) It was referred by AECOM to ET on 28 July 2011 2) RSS confirmed to start the rock breaking activities for Contract HY/2009/15 at 8am as a mitigation measure to minimize the noise nuisance in the vicinity of the residents. 3) No noise exceedance was recorded at construction noise monitoring station at Victoria Centre on 25 July and	Closed



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
				Central-Wanchai Bypass at noon rather than in morning at 7am.	4 August 2011 during daytime and evening time period while breaking and excavation works were observed during monitoring. 5) In conclusion, it was related to the construction works under Contract HY/2009/15 and mitigation measure was provided. No further complaint from complainant was received after proposed the mitigation measure.	
110727b	27/07/2011	Ms. Chiu by ICC no.1-304615409	North Point	Noise nuisance from the excavation works for the Highways Department adjacent to the Victoria Centre was conducted from 7am	1) It was referred by AECOM to ET on 28 July 2011 2) With reference to the construction noise monitoring at Vitoria Centre, no exceedance was recorded on 25 July and 4 and 10 August 2011 during daytime while breaking and excavation works were undertaken during monitoring. 3) As a mitigation measure to minimize the noise nuisance in the vicinity of the residents, rock breaking activities will be started at 8am.	Closed
	07/08/2011				4) However, complainant did not satisfy with the response on the noise nuisance from the rock-breaking during morning in front of Victoria Centre and then further complaint via 1823 on 7 August 2011. 5) Highways contacted the complainant on 15 August 2011 that the noisy rock breaking operation had been completed. <i>Remarks: There will be counted as two complaints in this complaint log.</i>	
110730	30/07/2011	Mr. Tsui by ICC no. 1-305074350	Central	Construction noise generated by operations of Central-Interchange which is near the spa room at Four-Season Hotel. Also, the complaint enquired the commencement time of the construction on Saturday.	1) It was referred by AECOM to ET on 1 August 2011. 2) RSS confirmed that noisy plants from 2 vibratory hammers have been conducted in alternating manner for piling and drilling works for diaphragm wall construction. 3) With reference to the construction noise monitoring at IFC Western End of Podium, no exceedance was recorded on 4 August 2011 during monitoring while sheet piling works were undertaken during monitoring. 4) In order to reduce the noise impact to nearby noise sensitive receivers, Contractor has been implemented the following noise mitigation measures: - Erection of acoustic lining at the hoarding next to Four Seasons Hotel; - Temporary noise barrier with extended acoustic lining; - Reduced in plant such that only have one vibration hammer operating at the west side near Four	Closed



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					Seasons Hotel instead of 2 5) In conclusion, it was related to the construction works under Contract HY/2009/18 and mitigation measure was provided. The complainant was satisfied with the arrangement and no further complaint was received after proposed measures.	
110810	10/08/2011	Mr. Yip by ICC no. 1 – 306740207	North Point	Muddy water was discharged from work site to the seafront near Oil Street during heavy rain. The environmental protection measures were not good enough and are needed to rectify.	1) It was referred by AECOM to ET on 17 August 2011. 2) Confirmed with RE, Muddy water was caused by a heap of earth being washed to the sea by heavy rain. The heap of earth was referred as a small stockpile placed close to the seafront in front of Oil Street within the site area under handover transition period from contract HY/2009/11 to contract HY/2009/19. The necessary mitigation measures to protect the small stockpile against rainfall were missing at the time of complaint. 3) Due to the missing of mitigation measures to protect the small stockpile during handover transition period, loose material was washed into the harbour when heavy rain came. Muddy water was formed and dispersed in the sea that caused the water quality and visual concern to the public. The complaint was considered as valid. 4) Contractors were advised to relocate the loose materials away from the coastline as far as practicable. Any loose material placed which needed to be placed near the coastline shall be properly compacted or covered as appropriate. To avoid any further environmental deficiency, Contractors shall ensure all necessary environmental mitigation measures will not be missing during site area handover.	Closed
110817	17/08/2011	ICC no. 1-307657681	North Point	Visual impact generated by light from a large amount of spot-lights on the barge during mid-night nearby City Garden.	1) It was referred by AECOM to ET on 23 August 2011 2) RSS confirmed that some non-essential lights were turned on during night-time period which caused the nuisance to the nearby residents. In addition, absence of lighting shields at flood lights results in visual glare to the complaint at night-time. 3) Follow-up action had been taken by contractor that switches off all non-essential lights to minimized nuisance to the nearby residents. The complainant satisfied to the practice and no further complaint was received after that.	Closed
110826	26/08/2011	Grand Hyatt and a complainant by ICC	Wan Chai	Construction noise and vibration nuisance generated from the works at Convention Avenue and inside the HKCEC1	1) Confirmed with the Resident Site Staff that the construction works were referred to the Contractor HK/2009/01. 2) The Excavator mounted breaker at Convention Avenue	Closed



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				reclamation area.	and Drilling rig at HKCEC1 reclamation area were the dominant construction noise source during this period. 3) The drilling rig at HKCEC1 reclamation area and excavator mounted breaker at Convention Avenue were then temporary suspended after received the complaint. 4) Investigation revealed that the erected noise barrier (4m cantilevered movable noise barrier for the drilling rig and 1m movable noise barrier for the excavator mounted breaker) were not located close to the plants to provide adequate noise screening. 5) Contractor was advised to avoid concurrent operation of construction plants at site. Further enhancement of movable noise barriers at HKCEC1 and providing noise enclosure for the excavator mounted breaker at Convention Avenue are needed. 6) Further site investigation and checking on 31 August and 7 September 2011 revealed that the implemented noise mitigation measures were in proper and minimize the noise impact.	
110826A	26/08/2011	A complaint letter from Mr. Au of Cayley Property of City Garden	North Point	Harbor front adjacent to their water intake suction which caused 3 times of system breakdown of the sea water pump on 9, 22 and 25 August 2011.	1) It was referred by AECOM to ET on 29 August 2011 2) Confirmed with the Resident Site Staff that the construction works were referred to the Contractors HY/2009/11 and HY/2009/19. 3) The pump is located on the site area of HY/2009/19 4) A temporary garbage defender was installed on 23 July 2011 by HY/2009/11 and the shape of the defender was adjusted on 8 August 2011 in order to exclude the outfall. 5) An ad hoc inspection of the effectiveness of garbage defender was conducted with RSS (CWB project team), contractor of HY/2009/11 and HY/2009/19 and IECon 29 August 2011. Inspection report of it was submitted to RSS on 19 September 2011. 5) Daily cleaning near the water intake was conducted twice a day by contractor HY/2009/19. 6) In response to City Garden request, the contractors have set up the temporary garbage defender in function and collect the floating refuses, but cannot eliminate all refuses, in particular the refuse come from sea bed from entering the intake. 6) According to the complaint letter from Cayley Property, the outcomes of the preventive measures were not complying with their expectation. 7) During on-site inspection, floating refuses observed	Closed



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					occasionally outside the garbage defender. No conclusion could be made for the source of these floating refuses. On the other hand, some of the floating refuses were observed immigrating in the protective zone during investigation 8) All daily cleaning actions had been taken by contractor to minimize floating refuse inside the construction site. It was noted that the intake (land side) is open access to public, so that many activities such as fishing, feeding fish were conducted there even though a notice has already hoisted. Also, tripping of rubbish by the passers-by could result in a lot of rubbish accumulated around the intake point. 9) Referring to the record provided by CPML, there were a lot of nylon/ plastic bags and nylon wire mesh that matched those rubbishes generated from the public activities. 10) Contractors have fulfilled the requirement of site cleanness and no exceedance was recorded during Water Quality Monitoring. It is consider the cause of this complaint is not related to project and environmental issue in this project as well. No more complaint received after ad-hoc inspection	
111014	14/10/2011	The complainant, Ms. Tam complained via hotline 1823	Wan Chai	The polluted fumes and exhaust from the excavation by sub-contractor of CEDD on pedestrian way outside no.25 Harbour Road (in front of the Harbour Centre)	1) RSS notified ET to carry out investigation on 17 October 2011. 2) ET confirmed with the Resident Site Staff that the location of the excavator was within site area of Contract no. HK/2009/02 undertaking the water cooling main reprovision works along the Harbour Road. The plants including the excavator have been checked before using at the site. However, the polluted fumes and exhausted from the excavator was caused due to insufficient maintenance of the plant after using at site. 3) After receiving the complaint, the excavator was then removal off-site for checking and maintenance works on 17 October 2011. 4) Contractor was reminded to enhance regular checking and maintenance to all plants at site. 5) RSS has replied to the complainant on the arrangement of the measures taken on 17 October 2011. Complainant was satisfied with the response and follow-up action taken by the Contractor.	Closed
111104	04/11/2011	Mr. Liu from	Wan Chai	Complain about a tree near the	1) ET confirmed with the Resident Site Staff that	Closed



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		LCSD complained via Contractor Complaint Hotline		site of pipe installation works outside Wan Chai Swimming Pool at Harbour Road, the status is not healthy and roof ball of two trees inside the site near Renaissance Hong Kong Harbour View Hotel at Convention Avenue were half cut.	<ul style="list-style-type: none">• A tree near the site of pipe installation works outside Wan Chai Swimming Pool at Harbour Road is the Tree no. TA1122 under Contract no. HK/2009/02. Leaves of a branch of this tree were shrivelled.• Two trees inside the site near Renaissance Hong Kong Harbour View Hotel at Convention Avenue are the tree nos. A160 and A161 under Contract no. HK/2009/01. Part of roof ball of these two trees was covered by the metal plate. 2) Independent Tree Specialists for these two inspected the trees. Contractor HK/2009/01 has taken the measure as recommend downgrading the soil level around the trunk base. Reinstating of the ground works will be conducted in mid-December 2011. For the tree no. TA1122 under Contract no. HK/2009/02, the brown leaves were removed and fenced the tree with orange net is provided to prevent damage of tree trunk by construction works. The distance between the tree and the edge of the trench is kept approximate 2m. Two Contractors were reminded to carry out regular watering to the trees within their site area.	
111106	06/11/2011	Police officer	Wan Chai	Construction noise generated from the site at about 6:30 a.m on 6 November 2011 and require to stop the machine operation	<p>1) According to the information reported by Contractor, one BC cutter and hoist were operated for Diaphragm Wall construction of Shatin-Central Link to inspect bentonite pipes and ensure no damages and all the joints are tightened in good position. Then, the subcontractor for Diaphragm wall, SAMBO Korean foreman stopped the engine of the BC cutter immediately. The police officer recorded the details and HKID number of the foreman and then left. Due to the different language communication between the police officer and the Korean foreman, no CNP was checked by the police officer.</p> <p>2) ET confirmed with the Resident Site Staff that same issue was also raised out by RSS at about 7:00a.m on the same day. Besides, it was confirmed that there is no valid Construction Noise Permit for the conducted construction works in the period between 2300 and 0700.</p> <p>3) Due to insufficient communication between Contractor HK/2009/01 and their Korean Sub-contractor, Korean Sub-contractor had not notified to Contractor before carrying out the inspection of the BC cutter, hoists and</p>	Closed



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					bentonite pipes at about 6:00a.m to ensure no damages and all the pipe joints should be tightened and in good position. 4) Contractor was advised to enhance the communication between Contractor and sub-contractor and provide sufficient environmental training to all foreman and operators on restricted hour operation. Furthermore, Construction Noise Permit should be checked and in place for the construction works during restricted hour 5) This complaint was considered in relation to the conducted construction works during restricted hours without valid Construction Noise Permit. No more construction works were conducted during night time period. The construction works will be conducted in accordance with the time period stated in valid CNP. This complaint will be kept in view of any follow-up action from the relevant government activities.	
111212	12/12/2011	The complainant, Mr Tsui from IFCII's management office complained via hotline 1823	Central	A visual impact complaint from hotline 1823 was received by ET on 9 January 2011 (ICC Ref. No.: ICC#1-333037096 dated on 12 December 2011). The complaint, Mr Tsui was reported that visual nuisance caused by lighting in the construction site during night time.	1) RSS notified ET on 9 Jan 2012. 2) ET confirmed with the Resident Site Staff that A joint inspection was conducted by Mr Tsui and contractor on that night to see whether there is any improvement. 3) Due to safety reason, igniting enough lights should not be avoided in construction site. However, the light sources were not directed away from pointing to the sensitive receiver and results in visual glare to the complainant. 4) Confirmed with the Resident Site Staff the complainant was satisfied the new arrangement of the lights with contractor after the joint inspection. No further complaint received after that.	Closed
111220	20/12/2011	The complainant, Ms. Poon complained via hotline 1823 (ICC Ref. No.: ICC#1-334683841)	North Point	Construction air and noise nuisance generated that many trucks carrying construction materials driving along Watson Road and Oil Street and possibly entering/leaving the construction site near the IEC during 0800 to 1900 hours.	1) RSS notified ET on 22 Dec 2011. 2) ET confirmed with the Resident Site Staff that the complainant cannot identify whether the trucks were working under the CWB project or not. 3) The dominant construction air and noise nuisances were emitted by the trucks along Oil Street and Waston Road, however, this is the public road for all vehicles. Reviewing the air quality monitoring and noise monitoring results. No exceedance was recorded during this period. 4) Confirmed with the Resident Site Staff that they provided a contact no. for any future enquiries regarding	Closed



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					CWB project to the complainant and she was satisfied on the arrangement and no further complaint was received after that.	
111230	30/12/2011	Residents of Harbour Heights	North Point	Construction air and noise nuisance generated by construction vehicles were found parked illegally at King Wah Road and lining up at Oil Street without the engine turning off.	1) RSS notified ET on 6 January 2011. 2) ET confirmed with the Resident Site Staff that a number of construction activities are concurrently proceeding in the vicinity of Oil Street, King Wah Street and a private development project in King Wah Street 3) The dominant construction air and noise nuisances were emitted by the trucks along Oil Street and King Wah Road, however, this is the public road for all vehicles. Reviewing the results of air quality monitoring station (CMA1b) and noise monitoring (M4b). No exceedance was recorded during this period. Site inspections for HY/2009/19 were conducted on 4 January 2012. The condition of the site access at Oil Street and the public road nearby were found satisfactory. It is noted that HyD also allow and encourage their contractors to maximize the use of marine access, where available, to work sites, so as to minimize burdening nearby public roads. When land trips are unavoidable, they require contractors to tidy up their construction vehicles before leaving works sites. No contractor under CWB project parked their vehicles illegally at King Wah Street, and HyD still reminded them not to commit such offence. 4) According to HyD's staff replied the complaint letter on 10 January 2012, there is a private development project under construction at King Wah Road. To access these works sites, construction vehicles have to use public roads nearby. No further complaint received after HyD's reply.	Closed
120118	18/01/2012	N/A	North Point	A complaint regarding a tree located in front of Victoria Centre under IECL was covered by one meter mud without any protection. The complainant concerns the health of the tree in such condition.	1) RSS notified ET on 20 January 2012. 2) ET confirmed with the Resident Site Staff that The tree is inside the site area of HY/2009/19 and The Botanical name of the tree is Ficus superba var. japonica and the I.D. of the tree is UT48 3) According to the information provided by RSS on 20 Jan 2012, the tree shall be felled that has been approved by DLO on 29 August 2011. Moreover, the tree was felled	Closed



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					by contractor on 19 January 2012. 4) No further complaint received after HyD's reply.	
120305	03/03/2012	Resident of Harbour Heights complained via hotline 1823 (ICC Ref. No.: ICC#1-344632511)	North Point	A complaint regarding excessive noise from construction sites of CWB was observed outside Harbour Heights from Monday to Saturday before 8am. The plants were frequently turned on before 7:30am creating nuisance. The complainant requested a speedy follow-up and reply from relevant department.	1) RSS notified ET on 5 March 2012. 2) ET confirmed with the Resident Site Staff that PME for diaphragm wall construction started to operate at about 7:30am whilst the other PME, including those for land bored piling work, started to operate after 8am. 3) After reviewing the results of noise monitoring (M4b), no exceedance was recorded during daytime period and the noise level were below 75dB(A). Site inspection for HY/2009/19 was conducted on 7 March 2012. The condition of noise mitigation measures near Harbour Heights was found satisfactory. RSS confirmed that no operation was active before 7:00am everyday. The suspected nuisance was to be considered caused by the PME for diaphragm wall construction. A surprise check was performed on 13 March 2012 by RSS. It was found that no noisy PME was in operation by Contractor of HY/2009/19 before 8am, and the construction noise level was minimal and not disturbing. The noise level and operation time both complied with statutory requirements set up in NCO. 4) Complainant called ICC on 8 March 2012 to confirm HyD has provided a response. No further complaint was received after the response.	Closed
120405	05/04/2012	N/A	North Point	A complaint regarding excessive noise from construction sites of CBTS was observed daily before 7:30am except on public holidays, and the noise source was mainly from piling works. The complainant requested that construction works should start after 8:30am to avoid nuisance to nearby residents and a speedy follow-up and reply.	1) RSS notified ET on 5 April 2012. 2) ET confirmed with the Resident Site Staff that no piling works were performed during the concerned period. 3) After reviewing the results of noise monitoring (M2b and M3a), no exceedance was recorded during daytime period and the noise level was below 75dB(A). Site inspection for HY/2009/15 was conducted on 10 April 2012. The condition of noise mitigation measures around CBTS was found satisfactory. RSS confirmed that no pilings were performed during the concerned period. The major works included drilling, diaphragm wall construction and excavations. 4) HyD made a reply to the complainant on 16 April	Closed



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					2012 via 1823. HyD replied that the current works at CBTS were drilling, diaphragm wall construction and deep excavations. In order to minimize the noise generated from the above works, the Contractor had erected temporary noise barriers and provided noise blankets on plants. RSS would continue to work with the Contractor on the effectiveness of the environmental mitigation measures implemented on site. No further complaint was received after the response.	
120415	15/04/2012	The complainant Ms. Law, resident of Fu Lee Loy Mansion, complained via hotline 1823 (ICC Ref. No.: 1-351021108)	North Point	A complaint regarding excessive noise generated from a HyD project that is located at the connection point of CWB and IEC affecting nearby residents. Lately during the middle of the night (around 00:00 to 05:00), low frequency noise, which possibly came from the operating power generator and the barges which were parked along the Oil Street work site, were making a nuisance to the complainant and residents nearby. The complainant requested that relevant department should follow-up.	<p>1) RSS notified ET on 17 April 2012.</p> <p>2) ET confirmed with the Resident Site Staff that there was no operation of power generators for HY/2009/19 and HY/2009/17 (HY/2009/11 had no physical work on site) during the concerned period. Although there were a few barges mooring at the seafront of HY/2009/19, they were not in operation and hence no operational noise would be emitted.</p> <p>3) After reviewing the results of noise monitoring (M4b and M5b), no exceedance was recorded during day time period and the noise level was below 75dB(A). Site inspection for HY/2009/19 was conducted on 18 April 2012. The condition of noise mitigation measures near Harbour Heights were found satisfactory. RSS confirmed that no operation of power generators for HY/2009/19 and HY/2009/17 (HY/2009/11 had no physical work on site) during the concerned period. Although there were a few barges mooring at the seafront of HY/2009/19, they were not in operation and hence no operational noise would be emitted.</p> <p>4) HyD made a reply to the complainant on 30 April 2012 via email. HyD replied that the current works near Oil Street, North Point, included CWB tunnel works, IEC connections and associated foundation works. According to RSS records, no operations were performed during the early hours of March and April at Oil Street and the waterbody nearby, and so it was believed that the noise nuisance was not generated from the CWB project. Despite that, RSS would continue to monitor the Contractor on the operations and effectiveness of the environmental mitigation measures implemented on site, as not to affect daily life of local residents nearby. No further complaint was received after the response.</p>	Closed



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130308	06/03/2013	ICC Case#1-407181502	Tin Hau	A complaint regarding the dropping of fine rock material into surrounding waterbody was observed during rock breaking operation with two excavators in active operation at the Eastern Breakwater of Causeway Bay Typhoon Shelter near the North Point lighthouse.	<p>1) RSS notified ET on 8 March 2013</p> <p>2) ET confirmed with RSS that excavation works, installation of buoy, flashing light and silt curtain and dredging works were undertaken at Eastern Breakwater during the concerned period on 6 March 2013. One backhoe equipped with breaker and one derrick barge were confirmed in operation while another backhoe was at idle during the concerned period on 6 March 2013.</p> <p>3) Reviewing the photo record provided by RSS, the condition of the silt curtain deployed around the Eastern Breakwater on 6 March 2013 was found to be in good condition. It is considered that the silt curtain was properly in place during the concerned period and the concerned act of dropping of fine rock material was confined within the silt curtain boundary without adverse impact to the nearby water quality.</p> <p>Further follow up was conducted on 12 March 2013 during weekly environmental audit inspection, the silt curtain deployed around the concerned area was found to be maintained in good condition and the water quality at the concerned work area was generally satisfactory. No violation of the Environmental Permit condition was found.</p> <p>The contractor was advised and committed to implement preventive measures to minimize the potential impact of work including conducting regular diver check to ensure the integrity and the extend of silt curtain deployment and to provide adequate back up stock of silt curtain for emergency use.</p>	Closed



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130606	30/5/2013	ICC Ref. No.: #1-430164728	Central – Man Kat Street	1. A number of trees (approximately more than ten) along Man Kat Street were found to be in poor health condition with withered and yellow leaves. The complainant has requested a follow-up by relevant department.	<p>1) RSS notify ET on 6 June 2013</p> <p>2) ET confirmed with the Resident Site Staff that</p> <p>According to the information provided by RSS, 13 no. of the trees - Roystonea regia (T1674, T1675, T1676, T1677, T1678, T1679, T1680, T1681, T1683, T1644, T1643, T1641, T1639) at the concerned location raised by the complainant was found to be with withered and yellow leaves and 1 no. of tree- Khaya senegalensis (T1712) raised by the complainant was found to be in poor health condition.</p> <p>No construction works was undertaken by Contract HY/2009/18 at the concerned planter area where the affected trees are located.</p> <p>It was also observed that an active CEDD construction works area under a separate contractor not related to Central Wan Chai Bypass Project was found to be located within the concerned planter area.</p> <p>3) A follow-up joint inspection with RSS and Landscape specialist was conducted on 10 June 2013, it was considered that the withered and yellow leaves of the affected trees (T1674, T1675, T1676, T1677, T1678, T1679, T1680, T1681, T1683, T1644, T1643, T1641, T1639) at the concerned planter area were contributed by natural life cycle of the affected trees and the health condition of the affected trees were considered to be fair. It was also noted that an active CEDD works area was located within the concerned planter area in close proximity to few of the concerned trees (T1644, T1643, T1641, T1639)</p> <p>According to tree inspection records from Jan 2013 to May 2013 confirmed by RSS (Document Ref: CI-F1-043b, CI-F1-044b, CI-F1-045b, CI-F1-046b, CI-F1-047b), the affected tree (T1712) at the concerned planter area was considered to show sign of withering and considered to be in poor health condition in latest tree survey report confirmed by RSS.</p>	Closed



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					<p>During the follow-up inspection on 10 June 2013, It was observed that construction material and oil drum were placed near the the roots area of other trees within the CEDD works. Despite the above observation, no direct evidence was found on site which indicates the work front have contributed to the poor health condition of the affected tree (T1712) at the time of investigation.</p> <p>4) The relevant contractor have removed the construction material near the root area of the trees retained on site and conduct pruning to remove the withered and yellow leaves retained on tree trunk to minimize impact on the trees appearance.In addition, safety supporting wire was provided for concerned tree (T1712)</p> <p>5) ET recommended the contractor to keep in view the health condition of the concerned tree (T1712) and apply permission for tree felling together with tree compensation plan if considered necessary. Furthermore, the contractor was reminded to implement regular checking of tree health condition and regular removal of withered leaves to maintain the overall tree appearance.</p>	



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130611	30 May 2013 and 1 June 2013	EPD Ref.:H04/RS/0001 1587-13	Area near Central Pier	1. Noise was emanated from the construction site near the Central Piers at around 0900 hrs on 30 May 2013 and other days and requested follow up action by relevant department.	<p>1) RSS notify ET on 11 June 2013</p> <p>2) ET confirmed with the Resident Site Staff that According the information confirmed by RSS, major noise generating construction activities undertaken at works area near Central Pier during the concerned time include</p> <ul style="list-style-type: none">- Breaking up existing D-wall concrete and excavation at portion 4B and 4C- Sheet piling works at Portion VI (Man Kat Street) <p>3) Total 1 no. of Backhoe with breaker, 1 no. of Backhoe with vibratory hammer and 4 no.s of pneumatic breakers were deployed for the above construction activities.</p> <p>Reviewing the noise monitoring data at monitoring stations (M7e- International Finance Centre Eastern End of Podium and M7w- International Finance Centre Western End of Podium), no limit level exceedances were recorded during routine noise monitoring event on 28 May 2013 and 03 June 2013. As similar construction works activities conducted on 30 May 2013 was continued across the above monitoring period, the noise emanated from the construction activities under Contract HY/2009/18 was considered to complied with the statutory requirement.</p> <p>In addition, weekly environmental site inspection was conducted on 30 May 2013 at around 10:00. According to the inspection record, no particular observation regarding noise impact was recorded and the mitigation measures including erection of of temporary noise barrier was observed in place.</p> <p>As such, no direct information associated with the noise concerned raised was considered available and no non-conformity was identified.</p> <p>4) ET recommend the contractor to review the need of additional noise mitigation measures to further reduce the noise enmated during construction works for pier side public area.</p>	<p>Interim report submitted to EPD on 19 June 2013,</p> <p>EPD advised no further comment on 5 Aug 2013 and final report for case closing submitted on 6 Aug 2013.</p>



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131010	03 Oct 2013	ICC Ref: No.1-467000768	Area between Central Pier and International Finance Centre	Noise and air quality impact was experienced at the area located between IFC and Central Pier during peak hours.	<p>ET confirmed with the Resident Site Staff that</p> <p>1) The major construction activities at the concerned location conducted over the past three months include;</p> <ul style="list-style-type: none">- Formwork, rebar and concreting- Backfilling- Water-proofing- Scaffolding erection <p>2) Mitigation measures implemented by the Contractor for the above construction works include</p> <ul style="list-style-type: none">- Select quiet plant and work methods;- Check plant and equipment for condition;- For use of powered mechanical equipment during restricted hours: Obtain necessary Construction Noise Permit and strictly comply with their conditions;- Frequently spray water to major haul road and stockpiles to suppress dust generation; and- Cover stockpiles with impervious sheets <p>The construction activities including backfilling, concreting and other associated tunnel works were undertaken in the past three months. Having reviewing the monitoring data of the monitoring stations in the vicinity of the concerned location raised by the complainant, namely monitoring station M7e and M7w (Noise Monitoring Station) and MA1e and MA1w (Air Monitoring Station), no action or limit level exceedance was recorded.</p> <p>In addition, mitigations measures including water spraying and erection of noise barrier were observed during weekly site inspection in August and September 2013 and reminders on dust mitigations measures given during weekly site inspection to the contractor were rectified. As such, the construction activities under Contract HY/2009/18 were considered in compliance with the statutory requirement and no cumulative air/ noise quality impact was observed in the past three months.</p>	Closed



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					Elevated noise level at monitoring station M7e (International Finance Centre East Podium) was noted on 24 September 2013. The Contractor is recommended to review the current measures and to implement additional noise mitigation measures to further avoid potential impact to nearby public area during construction works.	
131217	16 Dec 2013	ICC Case Ref.: 1-484998552	Victoria Park near Hing Fat Street Exit	Sweeping of muddy water into public drains.	<p>ET confirmed with the Resident Site Staff that 1)The major construction activities around the concerned location conducted on 16 Dec 2013 a.m.includes: -Preparation work of rootball for tree transplanting</p> <p>According to the information provided by RSS, the construction activities around the concerned location on 16 Dec 2013 include preparation work of rootball for tree transplanting at Zone 17/18.</p> <p>A further investigation on the complaint was conducted on 19 Dec 2013 during weekly environmental inspection. It was observed that a tree worksarea comprised of mainly loosen soil was located near the concerned location. It was considered that the inclined surface and loosen soil nature of the concerned worksarea could have led to the muddy surface runoff in rain. Deposition of muddy runoff onto nearby public pavement outside worksarea was hence resulted and was subsequently cleaned into nearby public stormwater drain by the Contractor's workers on the complaint date. As such, the case was considered as works related.</p> <p>Sandbags, geotextile and gravels were immediately placed by the Contractor around the gullies at the concerned location to prevent leftover muddy runoff to the public stormwater drain as observed during the weekly inspection on 19 Dec 2013.</p> <p>With respect to the follow-up raised by the complainant on 19 Dec 2013, sandbags, geotextile and gravels placed at gullies located at public area were removed by the Contractor on the same day for maintaining passible public pavement. Follow up measures including sandbag bundle and covering of worksarea with impervious sheeting was immediately placed at the source of impact at the concerned worksarea boundary by the Contractor.</p>	Final investigation report issued on 20 Dec 2013. Case closed on 3 Jan 2014.



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131224	24 Dec 2013	(ICC Case Ref.: 1-486434321	Victoria Park Children Playground	Odour and large amount of dust particles affecting the public user of the Victoria Park near Children playground	<p>ET confirmed with the Resident Site Staff that</p> <p>1) The major construction activities around the concerned location conducted on 24 Dec 2013 include:</p> <ul style="list-style-type: none">- Breaking up existing pillar box for new children playground Portion II- Pressing of sheet pile at bowling green for ELS works Portion XII- Welding work for preparation of sheetpiling work at bowling green Portion VI- Demolition of existing pavilion for bowling green Portion VI- Felling of tree TA50 at Victoria Park Zone <p>2) Mitigation measures implemented by the Contractor for the above construction works include</p> <ul style="list-style-type: none">- Water spraying for demolition and other dust generating works. <p>According to the relevant site records, breaking up of existing pillar box, pressing of sheet pile, welding work for preparation of sheetpiling demolition of existing pavilion and felling of tree TA50 at Victoria Park Zone 13 were conducted at the concerned location during the time of complaint.</p> <p>Based on information and photo record provided by the RSS, dust mitigation measures including water spraying during dust generating works were implemented by the Contractor at the concerned location on 24 Dec 2013.</p> <p>Follow-up investigation was conducted on 27 Dec 2013 during weekly environmental inspection, dust mitigation measures including water spraying to dusty area and major dust generation works were confirmed in place despite a general reminder was given to the contractor to enhance the water spraying to dusty haul road during dry season. Based on on-going site inspection and the follow-up investigation, the site condition was considered generally satisfactory and no non-conformance was identified.</p> <p>Upon further review on the supplementary information provided by the complainant on 31 Dec 2013 and investigation conducted on 2 Jan 2014, the tree felling work of tree TA50 was located nearest to the location of the complainant. According to the location plan provided by the RSS and on site investigation, the tree felling work</p>	Case closed and full investigation report issued on 3 Jan 2014.



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					<p>for TA50 was immediately in front of the location of the complainant. Based on site observation, scrap material of bark and leaves inevitably generated from cutting of branches during tree felling work was considered to be the most probable cause for the observation raised by the complainant at the concerned location on 24 Dec 2013.</p> <p>Furthermore, welding work was observed near the concerned location and was considered to be the potential source for the smell and exhaust fumes as described by the complainant. Notwithstanding the above, welding work was not identified as a work activity with air quality impact under Project EIA report but it would be desirable to implement preventive measures to minimize potential nuisance to nearby public.</p>	
140123	22 Jan 2014	ICC Case Ref.:1-494077682	Causeway Bay Typhoon Shelter	Construction works have been undertaken during restricted hours until 2300 hrs and occasionally the working hours were extended to around 0100 hrs at nighttime period over the last two to three months at a construction site located within Causeway Bay Typhoon Shelter. For instance, concreting and excavation works were conducted at the concerned location on 22 Jan 2014 during nighttime hours and generated noise impact to the complainant.	<p>ET confirmed with the Resident Site Staff that No construction activity was undertaken at workzone TS1 under HY/2009/15 within Causeway Bay Typhoon Shelter after 1900 hrs on 21 Jan 2014. No construction activity was undertaken at workzone TS3 under HY/2010/08 within Causeway Bay Typhoon Shelter after 1900 hrs on 21 Jan 2014.</p> <p>Concreting for base slab and hanger wall was conducted at workzone TS2 under HY/2009/15 within Causeway Bay Typhoon Shelter from 1900 to 0000 hrs on 21 Jan 2014; Total 8 no.s of concrete lorry mixers, 1 no. of water pump, 2 no.s of concrete pumps (lorry mounted), 1 no. of mobile crane QPME (diesel) and 3 no.s of vibratory pokers were operating from 1900 to 0000hrs on 21 Jan 2014.</p> <p>Concreting for base slab and hanger wall was conducted at workzone TS2 under HY/2009/15 within Causeway Bay Typhoon Shelter from 0000 to 0700 hrs on 22 Jan 2014;</p> <p>Total 1. no of concrete lorry mixer, 1 no. of water pump, 1 no. of concrete pump (lorry mounted), 1 no. of vibratory poker were operating from 1900 to 0000hrs on 22 Jan 2014</p>	Case closed and full investigation report issued on 4 Feb 2014.



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					<p>According to the relevant site records, from 1900-0000hrs on 21 Jan 2014, concreting for base slab and hanger wall was conducted at workzone TS2 under HY/2009/15 within Causeway Bay Typhoon Shelter. Total 8 no.s of concrete lorry mixers, 1 no. of water pump, 2 no.s of concrete pumps (lorry mounted), 1 no. of mobile crane QPME (diesel) and 3 no.s of vibratory pokers were operating at the above period.</p> <p>From 0000 to 0700 hrs on 22 Jan 2014, concreting for base slab and hanger wall was conducted at workzone TS2 under HY/2009/15 within Causeway Bay Typhoon Shelter. Total 1. no of concrete lorry mixer, 1 no. of water pump, 1 no. of concrete pump (lorry mounted), 1 no. of vibratory poker were found operating at the above period.</p> <p>After reviewing relevant photo records and information verified by RSS and the Construction Noise Permit (CNP) no.GW-RS1384-13, it was considered that several conditions of CNP GW-RS1384-13 were not fulfilled by the Contractor in particular for the item(s) below,</p> <p>No acoustic installation was provided for the relevant PME(s) used as stated in CNP condition 3.d.during the concerned concreting works.</p> <p>From 1900 to 2300 hours on 21 Jan 2014, the PME(s) used on-site did not comply with any given PME grouping requirement(s) as stated in condition 3.a. and condition 3.d. in CNP no.GW-RS1384-13.</p> <p>From 0000 to 0700 hours on 22 Jan 2014, the PME(s) used by the Contractor on-site did not comply with any given PME grouping requirement(s) as stated in condition 3.a. and condition 3.d. in CNP no.GW-RS1384-13.</p> <p>From 1900 to 2300 hours on 21 Jan 2014 and from 0000 to 0700 hours on 22 Jan 2014, PME (Concrete Lorry Mixer) was deployed by the Contractor without barge enclosure and was unable to comply with condition 3.a. in CNP no.GW-RS1384-13.</p>	



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
140127	24 Jan 2014	ICC Case Ref.: 1-494612639	Works area adjacent to the Victoria Park Bowling Green	Noise generated from piling works conducted at the works area adjacent to the Victoria Park Bowling Green have created nuisance to the Bowling Green users.	<p>ET confirmed with the Resident Site Staff that The major construction activities around the concerned location conducted on 23 Jan 2014 include:</p> <p>Pressing of sheetpile Ch.279-285 (RHS) and Ch.317 for ELS works on 23 Jan 2014. Splicing of sheetpile Ch.275-285 (LHS) for ELS works on 23 Jan 2014.</p> <p>Mitigation measures implemented by the Contractor for the above construction works include:</p> <p>Installation of acoustic panels along hoarding line at East Bowling Green; Installation of addition noise barriers on top of hoarding at East Bowling Green; Display of publicity notices along hoarding line; and No noisy work shall be carried out at the areas adjoining East Bowling Green as if there is any Bowling Green competition event to be held (i.e. Saturday afternoon).</p> <p>According to relevant site records, pressing of sheetpile Ch.279-285 (RHS) and Ch.317 for ELS works and splicing of sheetpile Ch.275-285 (LHS) for ELS works were conducted at the concerned location during the time of complaint.</p> <p>Based on the photo records and information verified by RSS, noise mitigation measures including installation of acoustic panels along hoarding line at East Bowling Green and installation of addition noise barriers on top of hoarding at East Bowling Green were implemented by the Contractor at the concerned location. Furthermore, no noisy work was conducted by contractor at the areas adjoining</p>	Case closed and full investigation report issued on 6 Feb 2014.



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					<p>East Bowling Green when there is any Bowling Green competition event to be held.</p> <p>Follow-up investigation was conducted on 29 Jan 2014 during weekly environmental inspection, noise mitigation measures including noise barriers and acoustic panels were confirmed in place and maintained in good condition. According to previous environmental inspections recorded in Jan 2014, no particular observation regarding the noise impact was recorded. As such, no non-conformity was identified.</p>	
140311	27 Feb 2014	EPD Complaint Case (Ref:H04/RS/00 04232-14) received by ET on 11 March 2014	Central IFC Area	Excessive noise (from the operation of compressors, other heavy machinery and concrete breaking) was emanated from the construction site near IFC in daytime on 27 Feb 2014.	<p>ET confirmed with the Resident Site Staff that The major construction activities at the concerned location conducted on 27 Feb 2014 (Daytime) include:</p> <p>Backfilling works between north wall and sheetpiles and for roof slab; Site hoarding removal; Formwork erection and removal works, falsework erection; Concrete breaking works at roof slab and base slab and breaking up of existing tunnel corner; Concreting works for profile barrier inside cut and cover tunnel; and Rebar fixing works and WVB basement remediation works.</p> <p>Mitigation measures implemented by the Contractor for the above construction works include:</p> <p>Use of quiet plants (air compressor with a Noise Emission Label of 99 dB(A)).</p>	<p>Interim report submitted to EPD on 18 March 2014,</p> <p>EPD advised no further comment on 26 March 2014 and final report for case closing issued on 26 March 2014</p>



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					<p>According to relevant site records, major noise emanating construction activities conducted around the concerned location on 27 Feb 2014 include concrete breaking works at roof slab and base slab and breaking up of existing tunnel corner and concreting works.</p> <p>Based on information verified by the RSS, noise mitigation measure including utilization of quiet air compressor with noise emission label of 99 dB(A) was implemented by the Contractor on the 27 February 2014 to minimize the potential noise impact.</p> <p>Having reviewed the monitoring data of the monitoring stations in the vicinity of the construction site near IFC, namely noise monitoring stations M7e and M7w, no limit level exceedances were recorded on 24 Feb 2014 and 4 March 2014 and the major concrete breaking works at the concerned location conducted on 27 February 2014 was continued across the above monitoring period. In addition, no particular observations regarding noise impact were recorded during weekly site inspection conducted on 27 Feb 2014. No non-conformity was identified. As such, the construction activities under Contract HY/2009/18 were considered generally in compliance with the statutory requirement.</p> <p>Nevertheless, in view of the concern regarding noise nuisance raised by public, it is considered desirable for the Contractor to review and strengthen the noise mitigation measures around the concerned location.</p> <p>Follow-up inspection was conducted during weekly environmental inspection on 13 March 2014, additional noise mitigation measure including erection of noise blanket for concrete breaking works were implemented by the Contractor to further minimize the noise nuisance to nearby public</p>	



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
140623	11 June 2014	EPD Complaint Case (Ref:H04/RS/00 013590-14) received by ET on 23 June 2014	Foot Bridge to Central Pier 7	Excessive Paint Spray Odour	<p>A public complaint regarding odour concern referred by EPD was received by ET on 23 June 2014.</p> <p>The complainant reported that excessive paint spray odour was detected at the foot-bridge to the Central Pier 7.</p> <p>ET confirmed with the Resident Site Staff that spraying of waterproofing membrane (integritank) from Ch1700 to Ch1705 was conducted at roof slab Bay12 on 11 June 2014 and</p> <p>Screeding concrete placing from Ch1700 to Ch1683 was conducted at roof slab Bay12 on 11 June 2014 and</p> <p>Backfilling and removal of concrete blocks was conducted at roof slab Bay 11 and Bay 10-north on 11 June 2014</p> <p>According to relevant site records, major construction activities conducted around the concerned location on 11 June 2014 include spraying of waterproofing membrane (integritank) from Ch1700 to Ch1705; screeding concrete placing from Ch1700 to Ch1683 and backfilling and removal of concrete blocks. Having reviewed the relevant information verified by RSS, the chemicals applied at the concerned area on 11 June 2014 are waterproof paint and paint adhesives.</p> <p>In view of the concern regarding odour nuisance raised by the public, it is considered desirable for the Contractor to review the application method for waterproof layer nearby public area to minimize the nuisance caused to the surroundings.</p>	<p>Preliminary report issued on 25 June 2014.</p> <p>Interim report submitted to EPD on 30 June 2014.</p>



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					Follow-up inspection was conducted during weekly environmental inspection on 26 June 2014, no further spraying works was conducted by the Contractor at the concerned area and no particular odour was observed at the concerned location.	
20140723	21 July 2014	ICC complaint (ICC Case Ref.: 2-341537112) received by ET on 23 July 2014	Area opposite to Ngan Tao Building	Noise nuisance due to works and machine at opposite project site during nighttime	<p>A public complaint regarding construction noise impact referred by RSS was received by ET on 25 July 2014 (ICC Case Ref.: 2-341537112 dated 21 July 2014). The complainant reported that :</p> <p>At 00:57hrs on 21 July 2014, he could not sleep due to work and machine at the project site opposite to the building (Ngan Tao Building), where he was living, were still going on and in operation. Noise traveled to his flat despite it was some distance away.</p> <p>ET confirmed with the Resident Site Staff that dewatering works was conducted under HY/2009/19 at the works area at Watson Road from around 23:00hrs on 20 July 2014 to 01:00hrs on 21 July 2014. Total 1 no. of generator and 23 nos. of dewatering pumps were in operation. Mobilization of telescopic arm excavator to trailer truck was performed under HY/2009/19 at the works area at Watson Road from around 00:15hrs to 01:00hrs on 21 July 2014. Total 1 no. of telescopic arm excavator and 1 no. of trailer truck were in operation.</p> <p>According to the relevant site records under Contract HY/2009/19, from around 23:00hrs on 20 July 2014 to 01:00hrs on 21 July 2014, dewatering works was conducted under HY/2009/19 at the works area at Watson Road. Total 1 no. of generator and 23 nos. of dewatering pump were in</p>	<p>Final Investigation report (Issue1) issued on 31 July 2014.</p> <p>Final investigation report (Issue 2) based on further follow-up issued on 12 Aug 2014.</p>



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					<p>operation at the above period.</p> <p>In addition, mobilization of telescopic arm excavator to trailer truck was performed under HY/2009/19 at the works area at Watson Road from around 00:15hrs to 01:00hrs on 21 July 2014. Total 1 no. of telescopic arm excavator and 1 no. of trailer truck were in operation.</p> <p>After reviewing relevant records and information verified by RSS and the Construction Noise Permit (CNP) no. GW-RS0152-14, it was considered that the below condition of CNP no.GW-RS0152-14 was not fulfilled by the Contractor of HY/2009/19.</p> <p>From 00:15hrs to 01:00hrs on 21 July 2014, the PME(s) (1 no. of telescopic arm excavator and 1 no. of trailer truck) operated under the Contractor of HY/2009/19 on-site could not follow any given PME grouping requirement(s) as stated in condition 3.a. and condition 3.d. in no.GW-RS0152-14.</p> <p>Notwithstanding the above, according to the information provided by the RSS, the telescopic arm excavator was mobilized at night time hours with consideration that passage of vehicle with large plant & machinery through cross harbour tunnel shall be conducted after mid-night.</p> <p>the Contractor of HY/2009/19 was advised to review the need to renew relevant CNP for PME grouping with respect to specific site operation requirements such that the Construction Noise Permit would be followed. Furthermore, the Contractor of HY/2009/19 was suggested to review the arrangement for PME mobilization with maintenance need to be conducted within specific period allowed under the relevant CNP(s).</p>	



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
20140801	30 July 2014	ICC complaint (ICC Case Ref.: 2-360638977) received by ET on 01 August 2014	Area opposite to Harbour Heights	Noise of sand and gravel movements at area opposite to the Harbour Heights	<p>A public complaint regarding construction noise impact referred by RSS was received by ET on 01 Aug 2014 (ICC Case Ref.: 2-360638977 dated 31 July 2014). The complainant reported that at 01:20hrs on 30 July 2014, the complainant was woken up by the noise of sand and gravel movements at area opposite to the Harbour Heights.</p> <p>ET confirmed with the Resident Site Staff that EVB excavation was undertaken at the works area around Watson Road under HY/2009/19 before 23:00hrs on 29 July 2014. (Total 1 no. of excavator, 1 no. of dump truck, 23 nos. of underground dewatering pump and 3 nos. of generator were in operation).</p> <p>Dewatering works was undertaken at works area around Watson Road under HY/2009/19 from 23:00hrs on 29 July 2104 to 01:00 hrs on 30 July 2014. (Total 23 nos. of underground dewatering pumps and 1 no. of generator were in operation).</p> <p>Mobilization of PMEs was performed at works area around Watson Road under HY/2009/19 from 00:45hrs to 01:30hrs on 30 July 2014. (1 no. of excavation machine and 1 no. of dump truck were in operation). No other construction activity or operation was performed at the area opposite to Harbour Heights from 23:00hrs on 29 July 2014 to 01:00hrs on 30 July 2014 under HY/2009/19.</p> <p>According to the relevant site records, before 2300hrs on 29 July 2014, EVB excavation at the works area around Watson Road was conducted under HY/2009/19. (Total 1 no. of dump truck , 1 no. of excavator, 3 nos. of generators and 23 nos. of dewatering pumps were in operation at the</p>	Final investigation report issued on 12 Aug 2014.



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					<p>above period).</p> <p>From around 23:00hrs on 29 July 2014 to 01:00hrs on 30 July 2014, dewatering works at works area around Watson Road was conducted under HY/2009/19. Total 23 nos. of dewatering pumps were operating at the above period.</p> <p>In addition, mobilization of PMEs was performed at works area around Watson Road under HY/2009/19 from 00:45hrs to 01:30hrs on 30 July 2014. Total 1 no. of excavation machine and 1 no. of dump truck were in operation. After reviewing relevant records and information verified by RSS and the Construction Noise Permit (CNP) no. GW-RS0152-14, it was considered the below condition of CNP GW-RS0152-14 was not fulfilled by the Contractor of HY/2009/19. From around 00:45hrs to 01:30hrs on 30 July 2014, the operation of PME(s) (1 no. of excavator and 1 no. of dump truck) under the Contractor of HY/2009/19 on-site could not follow any given PME grouping requirement(s) as stated in condition 3.a. and condition 3.d. in no. GW-RS0152-14.</p> <p>Notwithstanding the above, according to the information provided by the RSS, the excavator and dump truck were mobilized away from the edge of the temporary ELS structure towards the area opposite to the Harbour Heights after 23:00hrs under safety consideration.</p> <p>The Contractor of HY/2009/19 was advised to review the arrangement and location for retaining and securing PME(s)/ plants to minimize the movements of PME or plants after completion of works such that the Construction Noise Permit would be followed.</p>	



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
20140929	26 Sep 2014	ICC complaint (ICC Case Ref.: 2-466911619) received by ET on 29 September 2014	IEC flyover opposite to City Garden	Light originating from the flyover under Central-WanChai Bypass Project was emitted towards City Garden direction and caused light nuisance	<p>A public complaint regarding visual impact referred by RSS was received by ET on 29 September 2014 (ICC Case Ref.: 2-466911619 dated 26 September 2014)</p> <p>The complainant reported that on 26 September 2014 at around 00:50hrs, light originating from the flyover under Central-WanChai Bypass Project was emitted towards City Garden direction and caused light nuisance.</p> <p>ET confirmed with the Resident Site Staff that the light emission on 25 and 26 September 2014 at the concerned area was originated from the temporary lighting provided at the soffit of the permanent noise enclosure at the new Island Eastern Corridor (IEC) Eastbound which was necessary to provide sufficient illumination for the traffic operation on the new IEC Eastbound after the traffic diversion on 28 September 2014.</p> <p>According to the relevant information provided by RSS, the light emission on 25 and 26 September 2014 at the concerned location was originated from the temporary lighting provided at the soffit of the permanent noise enclosure at the new Island Eastern Corridor Eastbound.</p> <p>The lighting was necessary to provide sufficient illumination for the traffic operation on the new IEC Eastbound after traffic diversion on 28 September 2014. Nevertheless, in view of the public concern regarding light nuisance raised by the public, it is considered desirable for the Contractor to review the lighting arrangement and implement additional measures to minimize the nuisance caused to the surrounding receivers as far as practicable.</p>	Final Investigation report submitted on 9 October 2014.



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					<p>Follow-up inspection was conducted during weekly environmental inspection on 8 October 2014, additional measures including erection of green net and tarpaulin sheet were provided by the Contractor of HY/2009/19 at the concerned area as interim measure to minimize the nuisance caused to the surroundings. Further to the interim measure implemented by the Contractor of HY/2009/19, the Contractor of HY/2009/19 will replace the concerned temporary lighting with temporary lighting facing Victoria Harbour at the other side of the road to minimize the light nuisance to the surroundings.</p> <p>The Contractor of HY/2009/19 was suggested to review the lighting arrangement and implement additional measures to minimize the nuisance caused to the surroundings receivers as far as practicable.</p> <p>Additional measures including erection of green net and tarpaulin sheet were provided by the Contractor of HY/2009/19 at the concerned area as interim measure to minimize the nuisance caused to the surroundings and the Contractor of HY/2009/19 will replace the concerned temporary lighting with temporary lighting facing Victoria Harbour at the other side of the road to minimize the light nuisance to the surroundings.</p>	



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
20141006	25,26 Sep 2014	ICC complaint (ICC Case Ref.: 2-469099657) received by ET on 06 October 2014	IEC flyover opposite to City Garden	Light originating from the flyover under Central-WanChai Bypass Project was emitted towards City Garden direction and caused light nuisance	<p>A public complaint regarding visual impact referred by RSS was received by ET on 6 October 2014 (ICC Case Ref.: 2-469099657 dated 26 September 2014). The complainant reported that on 25 September 2014 night and on 26 September 2014 at around 23:23 hrs, light originating from the flyover under Central-Wan Chai Bypass Project was emitted towards City Garden direction and caused light nuisance.</p> <p>ET confirmed with the Resident Site Staff that the light emission on 25 and 26 September 2014 at the concerned area was originated from the temporary lighting provided at the soffit of the permanent noise enclosure at the new Island Eastern Corridor (IEC) Eastbound which was necessary to provide sufficient illumination for the traffic operation on the new IEC Eastbound after the traffic diversion on 28 September 2014.</p> <p>According to the relevant information provided by RSS, the light emission on 25 and 26 September 2014 at the concerned location was originated from the temporary lighting provided at the soffit of the permanent noise enclosure at the new Island Eastern Corridor Eastbound.</p> <p>The lighting was necessary to provide sufficient illumination for the traffic operation on the new IEC Eastbound after traffic diversion on 28 September 2014. Nevertheless, in view of the public concern regarding light nuisance raised by the public, it is considered desirable for the Contractor to review the lighting arrangement and implement additional measures to minimize the nuisance caused to the surrounding receivers as far as practicable.</p>	Final Investigation report submitted on 9 October 2014.



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					<p>Follow-up inspection was conducted during weekly environmental inspection on 8 October 2014, additional measures including erection of green net and tarpaulin sheet were provided by the Contractor of HY/2009/19 at the concerned area as interim measure to minimize the nuisance caused to the surroundings. Further to the interim measure implemented by the Contractor of HY/2009/19, the Contractor of HY/2009/19 will replace the concerned temporary lighting with temporary lighting facing Victoria Harbour at the other side of the road to minimize the light nuisance to the surroundings.</p> <p>The Contractor of HY/2009/19 was suggested to review the lighting arrangement and implement additional measures to minimize the nuisance caused to the surroundings receivers as far as practicable.</p> <p>Additional measures including erection of green net and tarpaulin sheet were provided by the Contractor of HY/2009/19 at the concerned area as interim measure to minimize the nuisance caused to the surroundings and the Contractor of HY/2009/19 will replace the concerned temporary lighting with temporary lighting facing Victoria Harbour at the other side of the road to minimize the light nuisance to the surroundings.</p>	



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
20141010	07 Oct 2014	ICC complaint (ICC Case Ref.: 2-487376144) received by ET on 10 October 2014	IEC flyover opposite to City Garden	Light originating from the flyover under Central-WanChai Bypass Project was emitted towards City Garden direction and caused light nuisance	<p>ET confirmed with the Resident Site Staff that temporary lighting was provided at the concerned area at the soffit of the permanent noise enclosure at the new Island Eastern Corridor (IEC) Eastbound which was necessary to provide sufficient illumination for the traffic operation on the new IEC Eastbound after the traffic diversion on 28 September 2014.</p> <p>Temporary lighting was provided at the concerned area at the soffit of the permanent noise enclosure at the new Island Eastern Corridor (IEC) Eastbound which was necessary to provide sufficient illumination for the traffic operation on the new IEC Eastbound after the traffic diversion on 28 September 2014. In view of the public concern regarding light nuisance raised by the public, it is considered desirable for the Contractor to review the lighting arrangement and implement additional measures to minimize the nuisance caused to the surrounding receivers as far as practicable.</p> <p>During weekly environmental inspection on 8 October 2014, additional measures including erection of green net and tarpaulin sheet were provided by the Contractor of HY/2009/19 at the concerned area as interim measure to minimize the nuisance caused to the surroundings. Further to the interim measure implemented, on 13 October 2014 the Contractor of HY/2009/19 have replaced the concerned temporary lighting with temporary lighting facing Victoria Harbour at the other side of the road to minimize the light nuisance to the surroundings.</p>	Final investigation report submitted on 14 Oct 2014.



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					<p>The Contractor of HY/2009/19 was suggested to review the lighting arrangement and implement additional measures to minimize the nuisance caused to the surroundings receivers as far as practicable.</p> <p>Additional measures including erection of green net and tarpaulin sheet were provided by the Contractor of HY/2009/19 at the concerned area as interim measure and on 13 October 2014 the Contractor of HY/2009/19 have replaced the concerned temporary lighting with temporary lighting facing Victoria Harbour at the other side of the road to minimize the light nuisance to the surroundings.</p>	
141016	14 Oct 2014	EPD complaint EPD Ref.:H05/RS/00 025795-14) received by ET on 16 October 2014	work site next to new Wan Chai Ferry Pier and opposite to Wan Chai Sports Ground.	Construction noise like piling works was heard on 14 October 2014 night until 23:45 hrs. It was suspected that the noise was emanated from the work site next to new Wan Chai Ferry Pier and opposite to Wan Chai Sports Ground.	<p>A public complaint regarding construction noise impact referred by EPD was received by ET on 16 October 2014 (EPD Ref.: EP860/E2/24 Annex IV dated 16 October 2014).</p> <p>The complainant reported that construction noise like piling works was heard on 14 October 2014 night until 23:45 hrs. It was suspected that the noise was emanated from the work site next to new Wan Chai Ferry Pier and opposite to Wan Chai Sports Ground.</p> <p>ET confirmed with the Resident Site Staff that From 19:00hrs to 23:00hrs on 14 October 2014, dredging works was conducted under Contractor of HK/2009/02 at WCR3 Area.</p> <p>Total one grab dredger was in operation. Mitigation measures including provision of steel sheeting screening to the power generation part of the grab dredger was implemented by the Contractor of HK/2009/02.</p>	<p>Updated interim investigation with supplementary information submitted to EPD on 17 November 2014.</p> <p>EPD advised no further comment on the updated interim report and case closed on 27 Nov 2014.</p>



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					<p>From 23:00 hrs to 05:00 hrs, dredging works was conducted under Contractor of HK/2009/02 at WCR3 Area.</p> <p>Total one grab dredger was in operation. Mitigation measures including provision of steel sheeting screening to the power generation part of the grab dredger was implemented by the Contractor of HK/2009/02.</p> <p>From 23:00 hrs to 06:00hrs, panel replacement works was conducted under Contractor of HK/2009/02 at the Temporary Covered Walkway. Total one scissor platform and two hand held drills (battery) were in operation.</p> <p>From 23:00 hrs to 06:00hrs, trial pit works was conducted under Contractor of HK/2009/02 at Hung Hing Road. Total one crane lorry was in operation.</p> <p>According to the relevant site records under Contract HK/2009/02, from 19:00hrs to 23:00hrs on 14 October 2014, dredging works was conducted under Contractor of HK/2009/02 at WCR3 Area. Total one grab dredger was in operation. Mitigation measures including provision of steel sheeting screening to the power generation part of the grab dredger was implemented by the Contractor of HK/2009/02.</p> <p>From 23:00 hrs to 05:00 hrs, dredging works was conducted under Contractor of HK/2009/02 at WCR3 Area. Total one grab dredger was in operation. Mitigation measures including provision of steel sheeting screening to the power generation part of the grab dredger was implemented by the Contractor of HK/2009/02.</p>	



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					<p>From 23:00 hrs to 06:00hrs, panel replacement works was conducted under Contractor of HK/2009/02 at the Temporary Covered Walkway. Total one scissor platform and two hand held drills (battery) were in operation.</p> <p>From 23:00 hrs to 06:00hrs, trial pit works was conducted under Contractor of HK/2009/02 at Hung Hing Road. Total one crane lorry was in operation.</p> <p>In view of the above findings, no direct information associated with the noise concern was considered available.</p>	
20141108	07 Nov 2014	EPD complaint (EPD Ref.: H05/RS/00027 815-14) received by ET on 10 November 2014	Construction site at old Wan Chai Ferry Pier	Malodour of construction plant exhaust from the construction site at old Wan Chai Ferry Pier was scented that affecting the swimmers at Wan Chai Swimming Pool.	<p>A public complaint regarding odour concern referred by EPD was received by ET on 07 November 2014 (EPD Ref.: H05/RS/00027815-14 dated 10 November 2014).</p> <p>The complainant reported that Malodour of construction plant exhaust from the construction site at old Wan Chai Ferry Pier was scented that affecting the swimmers at Wan Chai Swimming Pool.</p> <p>ET confirmed with the Resident Site Staff that ELS works was conducted on 7 November 2014 during daytime at Portion 2 (Area oppsite to WanChai Swimming Pool).</p> <p>Total 3 nos. of excavators, 2 nos. of crawler cranes, 2 nos. of generator, 1 no. of crane lorry and 2 no. of dump trucks were operated.</p> <p>Demolition works was conducted on 7 November 2014 during daytime at West of old Wan Chai Ferry Pier.</p> <p>Total 2 nos. of excavators, 1 no. of derrick barge and 1 no. of tug boat were operated.</p>	<p>Interim investigation report submitted to EPD on 17 November 2014.</p> <p>EPD advised no comment on the interim report and case closed on 1 Dec 2014.</p>



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					<p>Dredging works was conducted on 7 November 2014 during daytime at WCR3 (East of old Wan Chai Ferry Pier)</p> <p>Total 1 no. of dredger, 1 no. of hopper and 1 no. of tug boat were operated.</p> <p>According to the relevant site records under Contract HK/2009/02, ELS works was conducted on 7 November 2014 during daytime at Portion 2 (Area oppsite to WanChai Swimming Pool). Total 3 nos. of excavators, 2 nos. of crawler cranes, 2 nos. of generator, 1 no. of crane lorry and 2 no. of dump trucks were operated. Demolition works was conducted on 7 November 2014 during daytime at West of old Wan Chai Ferry Pier. Total 2 nos. of excavators, 1 no. of derrick barge and 1 no. of tug boat were operated.</p> <p>Follow-up inspection was conducted during weekly environmental inspection on 13 November 2014, no dark smoke emission was observed from the PMEs operating on-site. The condition of chemical waste storage was considered satisfactory and no malodour was identified. Despite no information related to malodour was identified, the Contractor was reminded to conduct regular checking on the condition of PMEs to ensure only well maintained PMEs are used on site.</p> <p>Based on the relevant information provided by RSS, despite no information associated with the malodour concern was identified after investigation, the Contractor was reminded to conduct regular checking on the condition of PME used on site to ensure only well maintained PME are used on site</p> <p>The interim report would be submitted to EPD on 17 November 2014.</p>	



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20141113	12 Nov 2014	EPD complaint (EPD Ref.: H05/RS/00028 253-14) received by ET on 13 November 2014	Construction site at old Wan Chai Ferry Pier	Malodour and dark smoke emission from an excavator located at the construction site at old Wan Chai Ferry Pier was observed that affecting the pedestrians.	<p>A public complaint regarding odour concern referred by EPD was received by ET on 13 November 2014 (EPD Ref.: H05/RS/00028253-14 dated 13 November 2014). The complainant reported that Malodour and dark smoke emission from an excavator located at the construction site at old Wan Chai Ferry Pier was observed that affecting the pedestrians. (Contract HK/2009/02)</p> <p>ET confirmed with the Resident Site Staff that demolition works was conducted under Contract HK/2009/02 on 12 November 2014 during daytime at old Wan Chai Ferry Pier. Total 2 nos. of excavators, 1 no. of derrick barge and 1 no. tug boat were operated.</p> <p>According to the relevant site records under Contract HK/2009/02, demolition works was conducted on 12 November 2014 during daytime at old Wan Chai Ferry Pier. Total 2 nos. of excavators, 1 no. of derrick barge and 1 no. tug boat were operated.</p> <p>In addition, investigation found that due to malfunctioning of one of the excavators deployed at old Wan Chai Ferry Pier, dark smoke was emitted from the defective excavator for a short period of approximately 30 seconds at around 15:00 hrs on 12 November 2014. The operation of excavator was immediately suspended and followed by repair works. The normal operation of the excavator was resumed after repair.</p> <p>Follow-up inspection was conducted during weekly environmental inspection on 13 November 2014, no dark smoke emission was observed from the PMEs operating on-site and the Contractor of HK/2009/02 was reminded to conduct regular checking on the condition of PMEs to ensure only well maintained PMEs are used on site.</p>	<p>Interim investigation report submitted to EPD on 19 November 2014.</p> <p>EPD advised no comment on the interim report and case closed on 8 Dec 2014.</p>



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
20150127	21 Jan 2015	EPD complaint (EPD Ref.: H05/RS/00001 725-15) received by ET on 27 January 2015 and further information from EPD regarding the updated location under complaint was received by ET on 30 January 2015	A portion of Hung Hing Road immediately to the east of Marsh Road near SPCA	Construction dust and grit was emitted from the construction site to the carriageway causing nuisance to the public.	<p>A public complaint regarding air quality impact referred by EPD was received by ET on 27 January 2015 (EPD Case Ref.: H05/RS/00001725-15 dated 27 January 2015) and further information from EPD regarding the updated location under complaint was received by ET on 30 January 2015. The complainant reported that construction dust and grit was emitted from the construction site to the carriageway causing nuisance to the public.</p> <p>ET confirmed with the Resident Site Staff that the major construction activities around the concerned location conducted on 21 January 2015 include breaking of seawall blocks and D-wall at TPCWAW; concreting, grouting and drilling works at TPCWAW;reclamation/ backfilling works at TPCWAW</p> <p>Mitigation measures implemented by the Contractor for the above construction works include spraying haul road with water; covering bagged cement with tarpaulin; providing three sided and top covering for grouting stations; providing water spraying to dusty activities such as breaking works</p> <p>According to the relevant site records, breaking of seawall blocks and D-wall, concreting, grouting and drilling works and reclamation/ backfilling works were conducted at TPCWAW. Dust mitigation measures including spraying haul road with water, covering bagged cement with tarpaulin, providing three sided and top covering for grouting stations and water spraying to dusty activities such as breaking works were implemented by the Contractor of HY/2009/15 near the concerned location on 21 January 2015.</p>	Interim report submitted to EPD on 9 February 2015, EPD advised no comment on 27 February 2015 on the interim report submitted and case closed.



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					<p>Follow-up investigation was conducted on 27 January 2015 during weekly environmental inspection, dust mitigation measures including water spraying for dusty haul road and major dust generation works; and provision of three sides and top covering for grouting station were confirmed in place.</p> <p>In addition, based on the review of the monitoring data of the monitoring station located at the concerned location raised by the complainant, namely monitoring station CMA3a, no action or limit level exceedance was recorded during air quality monitoring conducted on 20 and 21 January 2015. Nevertheless, the Air Quality Health Index (AQHI) recorded by EPD across Western District and Eastern District on the complaint date was ranged from 4 to 10+ indicating a severely high concentration of ambient air pollutants.</p> <p>As such, the site condition under Contract HY/2009/15 at the concerned location was considered to be generally satisfactory and no non-conformity related to cumulative air quality impact was observed. Nevertheless, in view of the public concern, the contractor was reminded to enhance the dust mitigation measures implemented to minimize potential nuisance to nearby public.</p> <p>ET confirmed with the Resident Site Staff that the major construction activities under Contract HK/2009/02 around the concerned location conducted on 21 January 2015 include trenching grabbing for D-wall construction at temporary road eastward, shear pin installation at temporary road westward and ground Investigation drilling at temporary road westward</p>	



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					<p>Mitigation measures implemented by the Contractor of HK/2009/02 for the above construction works include regular water spraying at haul road, vehicle wheel-washing at the ingress/egress (Gate No. 4) to the temporary road, hard paving at the works area at temporary road northward and frequent water spraying at the ingress/egress (Gate No. 4) to the temporary road.</p> <p>According to the relevant site records, trenching grabbing for D-wall construction, shear pin installation and ground investigation drilling works were conducted at the concerned location. Dust mitigation measures including water spraying for haul road, vehicle wheel washing and hard paving for a section of works area nearby public road were implemented by the Contractor of HK/2009/02 near the concerned location on 21 January 2015.</p> <p>Follow-up investigation was conducted on 5 February 2015 during weekly environmental inspection, dust mitigation measures including water spraying for dusty haul road and major dust generation works and provision of wheel washing combine with cleaning of public road were confirmed in place and no dust related impact from the construction works was observed. The Air Quality Health Index (AQHI) recorded by EPD across Western District and Eastern District on 21 January 2015 was ranged from 4 to 10+ indicating a severely high concentration of ambient air pollutants. Based on reviewing relevant impact monitoring data, elevated TSP were recorded at monitoring stations across Wan Chai West area to North Point area and a non-Project related exceedance was recorded at nearby monitoring station CMA4a (at SPCA) on 21 January 2015 due to ambient air pollutant.</p>	



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					<p>In addition, it was noted that a section of the works area at the concerned location was not provided with site hoarding. Based on further review on relevant records it was noted that the works area at concerned section was either hard paved or have to maintain adequate line of sight due to traffic safety consideration. The Contractor of HK/2009/02 was advised to inform EPD with respect to the site constraint and provide relevant updated meeting records on the arrangement for review.</p> <p>In view of the public concern, the contractor has committed to conduct additional cleaning of the concerned public road section once a week to minimize potential nuisance caused to nearby road users. The contractor was also reminded to enhance the dust mitigation measures implemented to minimize potential nuisance to nearby public.</p>	
20150409	07 April 2015 09 April 2015	EPD complaint (Ref.:H05/RS/00008074-15 dated 9 April 2015) received by ET on 09 April 2015	Construction site exit near Expo Drive Central; Construction site gate V2 & gate V8	Construction dust was generated from lorries transporting out of the construction via site exit without wheel washing	<p>A public complaint regarding construction dust impact referred by EPD was received by ET on 09 April 2015 (EPD Ref.:H05/RS/00008074-15 dated 9 April 2015). The complainant reported that: Construction dust was generated from lorries transporting out of the construction via site exit near Expo Drive Central without wheel washing at the morning of 7 April 2015. Lorries were also found transporting out of the construction site via gates V2 and V8 without wheel washing and causing dust nuisance at about 10:30 hours on 9 April 2015.</p> <p>ET confirmed with the Resident Site Staff that on 7 April 2015, major vehicle movements included oil tanker passing at Gate V2 at Expo Drive East and dump truck passing at Gate V8 at Expo Drive Central under Contract HK/2009/01.</p>	Interim report submitted to EPD on 17 April 2015, EPD advised no comment on 30 April 2015 on the interim report submitted and case closed.



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					<p>2. On 9 April 2015, major vehicle movements include oil tanker, crane lorry and dump truck passing at at Gate V2 at Expo Drive East and dump truck at Gate V8 at Expo Drive Central under Contract HK/2009/01.</p> <p>Mitigation measures adopted by the Contractor of HK/2009/01 at the above locations include water hose was provided for wheel washing at Gate V2 and Gate V8, concrete paving at site exit, dump truck fitted with mechanic cover and cleaned before leaving construction site, regular street washing at Expo Drive Central.</p> <p>According to the relevant site records under Contract HK/2009/01, on 7 April 2015, major vehicle movements included oil tanker passing at Gate V2 at Expo Drive East and dump truck passing at Gate V8 at Expo Drive Central under Contract HK/2009/01 while on 9 April 2015 major vehicle movements include oil tanker, crane lorry and dump truck passing at at Gate V2 at Expo Drive East and dump truck at Gate V8 at Expo Drive Central under Contract HK/2009/01.</p> <p>At the above locations, mitigation measures including water hose for wheel washing at Gate V2 and Gate V8; concrete paving at site exit; dump truck fitted with mechanic cover and cleaned before leaving construction site and regular street washing at Expo Drive Central were generally adopted by the Contractor of HK/2009/01.</p> <p>In view of the public concern on the complaint date, the Contractor of HK/2009/01 was advised to conduct cleaning at the concerned site exit point and the section of public road adjoining the site exit to clear any residue grit and silt desposit to avoid further dust impact.</p>	



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					<p>Follow up inspection was conducted on 16 April 2015 during weekly environmental inspection and mitigation measures including water spraying for dusty haul road and provision of wheel washing were in place. The construction site exit was observed clear from residue silt / grit at the concerned location.</p> <p>In view of the public concern, the contractor was advised to conduct training to the construction site workers to enhance the effectiveness of wheel washing and to ensure proper wheel washing is provided for dump truck and other vehicle prior to leaving the construction site to avoid generating any dust nuisance.</p>	
20150409A	03 April 2015 to 07 April 2015	EPD complaint (Ref.:H05/RS/00007861-15 dated 9 April 2015) received by ET on 09 April 2015	Construction site at Convention Avenue near Renaissance Harbour View Hotel	Construction noise was emanated from the construction site at Convention Avenue near Renaissance Harbour View Hotel during the period of Easter Holiday	<p>A public complaint regarding construction noise impact referred by EPD was received by ET on 09 April 2015 (EPD Ref.:H05/RS/00007861-15 dated 9 April 2015). The complainant reported that construction noise was emanated from the construction site at Convention Avenue near Renaissance Harbour View Hotel during the period of Easter Holiday, including April 3 at about 13:00 hours.</p> <p>ET confirmed with the Resident Site Staff that from 3 April 2015 to 7 April 2015, from 08:00 hours to 18:00 hours, and at about 13:00 hours on 3 April 2015 at area CWB Tunnel Stage 3, backfilling works was conducted under HK/2009/01. Either 1 no. of dump truck and 1. no. of excavator was operated on site at each given time during the concerned period.</p> <p>According to the relevant site records under Contract HK/2009/01, from across 08:00hrs to 18:00hrs during the period from 3 April 2015 to 7 April 2015, backfilling works was conducted under Contract HK/2009/01 at CWB Tunnel Stage 3. Either 1 no. of dump truck and 1 no. of excavator was operated on site at each given time during the</p>	Interim report submitted to EPD on 17 April 2015, EPD advised no comment on 30 April 2015 on the interim report submitted and case closed.



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					<p>concerned period and the relevant Construction Noise Permit GW-RS0104-15 for the works was in place and the same construction activity was undertaken at around 13:00hrs on 3 April 2015. No other concurrent construction activity was undertaken at the concerned location during the concerned period under Contract HK/2009/01. The construction activity conducted under Contract HK/2009/01 during the concerned period was in compliance with the statutory requirement.</p> <p>Nevertheless, in view of the concern regarding the noise nuisance raised by the public at the concerned location, it is considered desirable for the Contractor of HK/2009/01 to review the truck unloading procedures of the specific construction task to minimize potential noise emanated during the course for work.</p>	
20150415	13 April 2015	ICC complaint case (ICC Case Ref.: 2-885677297 dated 13 April 2015) received by ET on 15 April 2015	Construction Site at Causeway Bay Typhoon Bay Shelter	Unnecssary light nuisance from the construction site	<p>A public complaint regarding visual impact received by the RSS was referred to the ET on 15 April 2015 (ICC Case Ref.: 2-885677297 dated 13 April 2015). The complainant reported that "I live in a building next to Gloucester Road in Causeway Bay. Recently, I am suffering from unnecessary light source from the construction site. The banners of the construction companies are always illuminated with very bright lights."</p> <p>ET confirmed with the Resident Site Staff that the concerned lighting for the banners was maintained under Contract HY/2010/08.</p> <p>The concerned lighting for the banners was maintained under Contract HY/2010/08 and the concerned lighting was subsequently switched off at all times since 13 April 2015 to alleviate the lighting nuisance caused to the surroundings.</p>	Final Investigation report issued on 20 April 2015 and case closed



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20150423	21 April 2015	EPD complaint case (EPD Case Ref: :H05/RS/00009456-15 dated 23 April 2015) received by ET on 23 April 2015	Road work at Fleming Road and Convention Avenue near Renaissance Harbour View Hotel	Construction noise emanated from the road work at Fleming Road and Convention Avenue near Renaissance Harbour View Hotel causing nuisance	<p>A public complaint regarding construction noise impact referred by EPD was received by ET on 23 April 2015 (EPD Ref.:H05/RS/00009456-15 dated 23 April 2015). The complainant reported that construction noise emanated from the road work at Fleming Road and Convention Avenue near Renaissance Harbour View Hotel almost every night recently causing nuisance.</p> <p>ET confirmed with the Resident Site Staff that from 21:00hrs on 20 April 2015 to 06:00hrs on 21 April 2015 and from 21:00hrs on 21 April 2015 to 06:00hrs on 22 April 2015, cooling main connection works was undertaken by the Contractor of Contract HK/2009/01 at the concerned location. Total 1 no. of crane lorry and 1 no. of excavator were in operation.</p> <p>According to the relevant site records under Contract HK/2009/01, from 21:00hrs on 20 April 2015 to 06:00hrs on 21 April 2015 and from 21:00hrs on 21 April 2015 to 06:00hrs on 22 April 2015, cooling main connection works was undertaken by the Contractor of Contract HK/2009/01 at the concerned location. Total 1 no. of crane lorry and 1 no. of excavator were in operation during the concerned period and the relevant Construction Noise Permit GW-RS0269-15 was confirmed in place. The construction activity conducted under Contract HK/2009/01 during the concerned period was in compliance with the statutory requirement. In view of the potential noise nuisance, a notice to affected parties was issued by the Contractor of Contract HK/2009/01 to the nearby residents including Renaissance Harbour View Hotel on 17 April 2015. Besides, construction works undertaken by other parties at the concerned location was observed at the concerned period.</p>	Final Investigation report issued on 18 May 2015 and case closed



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20150601	29 May 2015	EPD complaint case (EPD Case Ref: :H05/RS/00013254-15 dated 1 June 2015) received by ET on 23 April 2015	Construction site gates V2 and V3 near Expo Drive Central	Vehicle with plate no. TG2426 was found leaving the construction site at gate V2 near Expo Drive Central without wheel-washed	<p>A public complaint regarding construction dust impact referred by EPD was received by ET on 01 June 2015 (EPD Ref.:H05/RS/00013254-15 dated 1 June 2015). The complainant reported that vehicle with plate no. TG2426 was found leaving the construction site at gate V2 near Expo Drive Central without wheel-washed at about 10:33hrs on 29 May 2015. The complainant also alleged that water spraying at the gates V2 and V3 near Expo Drive Central was insufficient causing dust nuisance to the public.</p> <p>ET confirmed with the Resident Site Staff that on 29 May 2015, vehicle record indicated that concerned vehicle TG 2426 has entered and exited the construction site via gate V3.</p> <p>Mitigation measures adopted by the Contractor of HK/2009/01 at the above locations include, water hose was provided for wheel washing at Gate V2 and Gate V3.</p> <p>According to the relevant site records under Contract HK/2009/01, vehicle record indicated that concerned vehicle TG 2426 has entered and exited the construction site via gate V3 on 29 May 2015 under Contract HK/2009/01. As confirmed by WDII RSS, the concerned construction site Gate V2 and Gate V3 have been closed from 31 May 2015 and formed part of the construction site area.</p> <p>Follow up inspection was conducted on 3 June 2015 during weekly environmental inspection and mitigation measures including wheel washing were implemented at construction exit gates around the concerned location despite a vehicle was observed leaving the construction site via Gate V8 without wheel washing. The Contractor was immediately advised to review and strengthen the control measures for vehicle exits to ensure wheel washing are provided for exiting vehicles.</p>	Interim report submitted to EPD on 08 June 2015, EPD advised no comment on 22 June 2015 on the interim report submitted and case closed.



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					In view of the public concern and the site observation, the Contractor of HK/2009/01 has implemented enhanced site exit control measures using red string to alert drivers to stop their vehicles for cleaning before leaving the construction site and wheel washing facilities including water hose were implemented at Gate V1 and Gate V10 around the concerned location and the vehicle gate V8 was subsequently closed. In addition, removal of spoil arising from wheel washing around site exit location would be conducted by the Contractor of HK/2009/01 as appropriate to alleviate for potential dust impact at construction site exits.	
20150608	04 June 2015	EPD Ref.:H05/RS/0013843-15 dated 8 June 2015	A portion of construction site of Contract HK/2012/08 outside Fleet Arcade	Construction noise was generated from the construction site of Contract HK/2012/08 at location outside Fleet Arcade during restricted hours including Sundays and General Holidays.	<p>A public complaint regarding construction noise impact referred by EPD was received by ET on 8 June 2015 (EPD Ref.:H05/RS/00013843-15 dated 8 June 2015). The complainant reported that construction noise was generated from the construction site of Contract HK/2012/08 at location outside Fleet Arcade during restricted hours including Sundays and General Holidays.</p> <p>ET confirmed with the Resident Site Staff that from 08:00hrs to 18:00hrs on 31 May 2015 (Sunday), construction work including steel welding was conducted under Contract HK/2012/08 at site portion zone A1 opposite to Fleet Arcade. Total one welding machine was in operation.</p> <p>According to the relevant site records under Contract HK/2012/08, from 08:00hrs to 18:00hrs on 31 May 2015 (Sunday), construction work including steel welding was conducted under Contract HK/2012/08 site portion zone A1 opposite to Fleet Arcade. Total one welding machine was in operation and the relevant Construction Noise Permit GW-RS0296-15 was confirmed in place. The construction activity conducted under Contract</p>	Interim report submitted to EPD on 16 June 2015 and EPD advised no comment on 20 July 2015 on the interim report submitted and case closed.



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					<p>HK/2012/08 during the concerned period was in compliance with the statutory requirement. Ad-hoc inspection was conducted during weekly environmental inspection on 9 June 2015 and it was noted that Construction Noise Permits under Contract HK/2012/08 were posted at site entrance locations for public inspection.</p> <p>In view of the potential noise nuisance, the Contractor was reminded to upkeep the site control system for construction works carrying out at restricted hours and night time for Construction Noise Permit compliance. Besides, other construction sites at the concerned location were observed.</p> <p>Furthermore, a meeting was held on 15 June 2015 between the EPD, Contractor of HK/2012/08, WDII RSS team and the Environmental Team on the public concern and the Contractor of HK/2012/08 has committed to review the re-application for the Construction Noise Permits GW-RS0223-15 and GW-RS0296-15 on usage of PMEs at a portion of site area outside the Fleet Arcade during public holiday including Sundays to minimize for the potential noise nuisance to nearby public.</p>	
150622	18 June 2015	EPD Ref.:H05/RS/0015054-15 dated 22 June 2015	A mooring location near shore and at location outside Wan Chai Sports Ground	Dark smoke and malodour emission was observed from a hopper barge moored near shore and other construction plants under operation from the reclamation construction site	A public complaint regarding dark smoke and malodour concern referred by EPD was received by ET on 22 June 2015 (EPD Ref.: H05/RS/00015054-15 dated 22 June 2015). The complainant reported that dark smoke and malodour emission was observed from a hopper barge moored near shore and other construction plants under operation from the reclamation construction site with Contract no. HK/2009/02 at location outside Wan Chai Sports Ground caused air pollution. The complainant alleged that the said situation had been observed for a prolonged period.	Interim report submitted to EPD on 29 June 2015 and EPD advised no comment on 20 July 2015 on the interim report submitted and case closed.



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					<p>ET confirmed with the Resident Site Staff that reinforced bar fixing and concreting work (on 17 June 2015 only) were conducted at Portion 2 from 15 June 2015 to 19 June 2015. Total 3 nos. of mobile crane were in operation. On 17 June 2015, one no. of concrete pump truck and two nos. of concrete mixer were in operation. Excavation and Lateral Support was conducted at Portions 3 & 4 from 15 June 2015 to 19 June 2015. Total 4 nos. of excavator, 2 nos. of truck and 2 nos. of crawler crane were in operation. In addition, on 15 June 2015, 17 June 2015 and 19 June 2015, 1 no. of derrick barge was moored near Portions 3 & 4 for transportation of the excavated material away from site.</p> <p>According to the relevant site records under Contract HK/2009/02, from 15 June 2015 to 19 June 2015, reinforced bar fixing and concreting work (on 17 June 2015 only) were conducted at Portion 2 and total 3 nos. of mobile crane, one no. of concrete pump truck (on 17 June 2015 only) and two nos. of concrete mixer (on 17 June 2015 only) were in operation; excavation and lateral support was conducted at Portions 3 & 4 and total 4 nos. of excavator, 2 nos. of truck and 2 nos. of crawler crane were in operation. Based on relevant site record, no hopper barge was moored under Contract HK/2009/02 around the concerned location while 1 no. of derrick barge was moored under Contract HK/2009/02 near Portions 3 & 4 for transportation of the excavated material from Portions 3 & 4 away from site on 15 June 2015, 17 June 2015 and 19 June 2015 respectively.</p> <p>Follow-up inspection was conducted during weekly environmental inspection on 25 June 2015, no dark smoke and malodour emission was observed from the PMEs operating on-site. A derrick barge was</p>	



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					observed moored near Portions 3 & 4 and excavated material was transferred to the derrick barge by the excavators on land without barge operation and no particular dark smoke and malodour emission was observed. Nevertheless, the Contractor was reminded to conduct regular checking on the condition of the derrick barge and other PMEs deployed on site to ensure only well maintained PMEs are used to avoid potential dark smoke and maldour emission affecting nearby public.	
150714	11 July 2015	ICC Complaint (Ref:#2-1149562777) referred by RSS was received by ET on 14 July 2015	A portion of site area adjacent to Hing Fat Street Site entrance	Direct discharge of muddy effluent into marine waters	<p>A public complaint regarding direct discharge of muddy effluent referred by RSS was received by ET on 14 July 2015 (ICC Ref.: #2-1149562777). The complainant reported that:</p> <p>Muddy effluent was directly discharged into nearby marine waters by Chun Wo worker. Further information was received by ET from RSS on 23 July 2015 and the complaint date was clarified to be 11 July 2015 and the concerned vehicle registration number shall be JV 7319.</p> <p>ET confirmed with the Resident Site Staff that no construction works was undertaken by the Contractors HY/2009/19 and adjacent Central WanChai Bypass Project construction site at the concerned location on 11 July 2015.</p> <p>No construction works was undertaken by the Contractor of HY/2009/19 and adjacent Central WanChai Bypass Project construction site at the concerned location on 11 July 2015 and the concerned vehicle (License Plate JV 7319 labelled as Chun Wo) was confirmed not belonging to the Contractor of HY/2009/19.</p> <p>Follow-up inspection was conducted during weekly environmental inspection on 14 July 2015, no direct discharge connection was further observed on site.</p>	Updated Final investigation report submitted on 27 July 2015.



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					<p>No construction works was undertaken by Central WanChai Bypass Project at the concerned location and no sump pit or works area under Central WanChai Bypass Project associated with potential muddy effluent discharge was identified. In addition, a construction area with excavated pit under WSD Contract 12/WSD/10 was noted at the concerned location behind the alleged vehicle responsible for direct discharge of muddy effluent.</p> <p>Based on the further review on the information received on 23 July 2015, the alleged direct discharge was observed originating from the works area under WSD Contract 12/WSD/10 and not related to the Central Wan Chai Bypass Project construction works.</p>	
150723	20 July 2015	EPD Ref.:H05/RS/0018040-15 dated 23 July 2015	Ex-Wanchai Ferry Pier near 720 & 722 Bus stop	Malodour from marine sediment	<p>A public complaint regarding malodour referred by EPD was received by ET on 23 July 2015 (EPD Ref.: H05/RS/00018040-15 dated 23 July 2015).</p> <p>The complainant reported that malodour from marine sediment was scented at ex-Wanchai ferry pier near route 720 & 722 bus stop. (Contract HK/2009/02).</p> <p>ET confirmed with the Resident Site Staff that Rockfill placing works was conducted by one derrick barge at the concerned location (WCR3) under Contract HK/2009/02 on 20 July 2015. No marine sediment was stored or placed on site at the concerned location under Contract HK/2009/02 on 20 July 2015.</p> <p>According to the relevant site records under Contract HK/2009/02, rockfill placing works was conducted by one derrick barge at WCR3 area on 20 July 2015 and no marine sediment was stored or placed on site at the concerned location on the concerned date.</p>	Interim report submitted to EPD on 30 July 2015. EPD advised no comment on 17 August 2015 on the interim report submitted and case closed.



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					<p>Follow-up inspection was conducted during weekly environmental inspection on 29 July 2015. No marine sediment was observed stored or placed at the concerned location while it was noted that a culvert outfall with potential odour concern is located adjacent to the concerned location.</p> <p>Nevertheless, the Contractor was reminded to review the handling procedures in case of any future marine sediment handling at the concerned location and to consider the implementation of mitigation measures as appropriate to minimize potential malodour impact to nearby public.</p>	
150904	01 Sept 2015	EPD Ref.: H05/RS/0002 2241-15 dated 04 September 2015 received by ET on 4 September 2015	East of New WanChai Ferry Pier	Dropping of excavated material from land to sea during loading of material	<p>A public complaint regarding dropping of excavated material from land to sea referred by EPD was received by ET on 04 September 2015 (EPD Ref.: H05/RS/00022241-15 dated 04 September 2015). The complainant reported that dropping of excavated materials from land to sea during loading of materials by excavator at the construction site to work boat. (Contract HK/2009/02)</p> <p>ET confirmed with the Resident Site Staff that transferring of C&D materials from land to hopper barge by excavator at seaside along CWB Tunnel Portions 3 and 4 was undertaken by Contract HK/2009/02 on 01 September 2015.</p> <p>Mitigation measure including providing tarpaulin sheet to cover the gap between seawall and the hopper barge to prevent dropping of material to the sea was implemented by the Contractor.</p> <p>According to the relevant site records under Contract HK/2009/02, transferring of C&D materials from land to hopper barge by excavator at seaside along CWB Tunnel Portions 3 and 4 was carried out on 01 September 2015 and mitigation measures including provision of tarpaulin sheet between</p>	Interim report submitted to EPD on 14 September 2015. EPD advised no comment on 5 October 2015 on the interim report submitted and case closed.



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					<p>seawall and the hopper barge was implemented by the Contractor of HK/2009/02 on the concerned date. Follow-up inspection was conducted during weekly environmental inspection on 10 September 2015. Transferring of C&D materials from land to barge by excavator was observed at the concerned location and mitigation measures including provision of tarpaulin sheet between seawall and hopper barge and the material transfer works was generally in order. Nevertheless, the Contractor of HK/2009/02 was reminded to maintain the handling procedure for C&D materials transfer from land to hopper barge and regularly inspect the condition of the tarpaulin sheet provided to ensure the nearby water quality are not affected by the loading and unloading of material from land side to hopper barge.</p> <p>The Contractor was reminded to maintain the handling procedure for C&D materials transfer from land to hopper barge and regularly inspect the condition of the tarpaulin sheet provided to ensure the nearby water quality are not affected by the loading and unloading of material from land side to hopper barge.</p>	
150904	02 Sept 2015	EPD Ref.: H04/RS/0002 2385-15 dated 04 September 2015 received by ET on 04 September 2015	Location outside Fleet Arcade	Construction noise was generated from the construction site of HK/2012/08 at location outside Fleet Arcade during night time on weekdays and daytime during General Holidays. The complainant also concerned construction dust and exhaust emission from derrick barges during	A public complaint regarding construction noise and dust and exhaust emission referred by EPD was received by ET on 04 September 2015 (EPD Ref.: H04/RS/00022385-15 dated 04 September 2015). The complainant reported that construction noise was generated from the construction site of HK/2012/08 at location outside Fleet Arcade during night time on weekdays and daytime during General Holidays. The complainant also concerned construction dust and exhaust emission from derrick barges during transporting C&D material at the site. (Contract HK/2012/08)	Interim report submitted to EPD on 14 September 2015. 2 nd interim report submitted to EPD on 17 Dec 2015



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				transporting C&D material at the site.	<p>ET confirmed with the Resident Site Staff that from 0800 hrs to 1800 hrs on 30 August 2015, removal of scaffold and timber and installation of bulkhead was undertaken by the Contractor of HK/2012/08 at the concerned location. Total one generator and one circular saw were in operation.</p> <p>From 1900hrs on 30 August 2015 to 0700 on 31 August 2015, no construction works was undertaken by the Contractor of HK/2012/08 at the concerned location.</p> <p>From 1900hrs on 31 August 2015 to 0700hrs on 01 September 2015, no construction works was undertaken by the Contractor of HK/2012/08 at the concerned location.</p> <p>From 1900hrs to 2115 hrs on 01 September 2015, unloading of soil was undertaken by the Contractor of HK/2012/08 at the concerned location.</p> <p>Total one derrick barge was in operation.</p> <p>From 2300hrs on 01 September 2015 to 0700hrs on 02 September 2015, no construction works was undertaken by the Contractor of HK/2012/08 at the concerned location.</p> <p>One derrick barge was deployed for unloading of soil on 02 September 2015 during daytime under Contract HK/2012/08 at the concerned location.</p> <p>Based on the relevant site records, from 0800 hrs to 1800 hrs on 30 August 2015, removal of scaffold</p>	3 rd interim report submitted to EPD on 31 Dec 2015



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					<p>and timber and installation of bulkhead was undertaken by the Contractor of HK/2012/08 at the concerned location. Total one generator and one circular saw were in operation and the relevant Construction Noise Permit GW-RS0296-15 for the concerned operation was confirmed in place.</p> <p>From 1900hrs on 30 August 2015 to 0700 on 31 August 2015, no construction works was undertaken by the Contractor of HK/2012/08 at the concerned location and from 1900hrs on 31 August 2015 to 0700hrs on 01 September 2015, no construction works was undertaken by the Contractor of HK/2012/08 at the concerned location.</p> <p>From 1900hrs to 2115 hrs on 01 September 2015, unloading of soil was undertaken by the Contractor of HK/2012/08 at the concerned location. Total one derrick barge was in operation and the Construction Noise Permit GW-RS0296-15 for the concerned operation was confirmed in place.</p> <p>From 2300hrs on 01 September 2015 to 0700hrs on 02 September 2015, no construction works was undertaken by the Contractor of HK/2012/08 at the concerned location. In view of the above, the construction activities conducted under Contract HK/2012/08 during the concerned period was in compliance with the statutory requirement.</p>	



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					<p>In addition, one derrick barge was deployed for unloading of soil on 02 September 2015 during daytime under Contract HK/2012/08 at the concerned location. Follow-up inspection was conducted during weekly environmental inspection on 08 September 2015 and no dark smoke emission was observed from the derrick barge moored outside the concerned location. Nevertheless, the Contractor of HK/2012/08 was reminded to conduct regular checking on the condition of the all derrick barges deployed on site to ensure only well maintained equipment are used to avoid potential dark smoke emission affecting nearby public and the Contractor of HK/2012/08 was reminded to upkeep the site control system for construction works carrying out at restricted hours and night time for Construction Noise Permit compliance.</p> <p>The Contractor was reminded to conduct regular checking on the condition of derrick barges deployed on site to ensure only well maintained equipments are used on site to avoid potential dark smoke emission affecting nearby public.</p> <p>The Contractor of HK/2012/08 was reminded to upkeep the site control system for construction works carrying out at restricted hours and night time for Construction Noise Permit compliance.</p>	



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151117	Not specified	EPD complaint received by ET on 17 November 2015	Causeway Bay Typhoon Shelter	Improper handling or bentonite and marine sediment generated from construction works and contaminated discharge from water treatment plant into Victoria Harbour	<p>A public complaint regarding illegal disposal of construction waste referred by EPD was received by ET on 17 November 2015. The complainant reported that over 10,000 m³ of bentonite after usage for construction of diaphragm wall was disposed of at Victoria Harbour.</p> <p>The Contractor recently deployed mobile crane to transfer the bentonite from mud pit on to works barge. The bentonite was then mixed with soil and transported to the Public Fill. During the course, seepage of slurry through grab generated drop off to marine waters and the soil mixing generated dust impact to nearby yacht club, typhoon shelter and affect nearby public and boats.</p> <p>Disposal of dredged marine sediment was not carried out in accordance with the Management of Dredged/Excavated Sediment. Instead the marine sediment was covered by sand and soil and transported to the Public Fill.</p> <p>White or greyish effluent was discharged directly into Victoria Harbour marine waters from wastewater treatment plant on construction site.</p> <p>In response to the complaint concern, additional water quality monitoring from end November 2015 to mid January 2016 until the post-diaphragm wall construction activities and all bentonite silos and residue bentonite slurry at TS3 were completely removed had been undertaken by the Environmental Team and additional site inspections</p>	<p>Interim investigation report submitted to EPD on 24 November 2015.</p> <p>2nd interim investigation report submitted to EPD on 17 December 2015.</p> <p>3rd interim investigation report submitted to EPD on 31 December 2015.</p> <p>Final investigation report submitted on 5 February 2016.</p>



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					<p>have been conducted by the ET and the investigation findings were included in the interim investigation reports separately submitted to the EPD. In addition, the ET and IEC have conducted checking on the waste disposal records and site construction records with the CWB RSS team to confirm the key construction activities during the concerned period and the quantities of inert C&D material disposed.</p> <p>Specific enhancement on site supervision was undertake by the CWB RSS team to ensure the properly handling of the remaining bentonite slurry in terms of the following:</p> <p>Depth of the bentonite slurry at the primary mixing pit (at south of TS3) was recorded by RSS team daily at regular intervals starting from 22nd December 2015 to record the changes in the level of slurry, particularly before end of works and at the start of works on the next day to confirm no significant change in bentonite slurry level during non-working hours until the complete removal of the mud pit.</p> <p>During the silo dismantling stage, the amount of residue bentonite cleared from the remaining silo were monitored on daily basis to record of the residue bentonite transferred for mixing and final disposal.</p>	



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					The Environmental Team will continue to keep in view on the contractor environmental mitigation measures during the routine inspections, with specific attention at TS3 area on the effectiveness of Contractor's remediation measures and check the implementation of site measures in accordance with the EIA and EM&A Manual recommendations.	
ICC complaint case (ICC Ref: 2-159316569 4) dated 26 November 2015	26 No 2015	ICC complaint received by ET on 27 November 2015	Construction area outside City Garden Block 11	Noise nuisance due to windblown slapping of a metal onto adjacent barrier at night time	<p>A public complaint regarding noise impact referred by RSS was received by ET on 27 November 2015 (ICC Case Ref.: 2-1593165694 dated 26 November 2015). The complainant reported that noise was emanated from the IECL construction site outside City Garden Block 11 due to the windblown slapping of a metal sheet onto adjacent barrier causing nuisance to nearby residents at night time.</p> <p>ET confirmed with the Resident Site Staff that the noise nuisance was caused by the windblown action of the corrugated metal sheet loosely affixed onto the temporary noise barrier panel above a concrete block footing fronting City Garden.</p> <p>The noise nuisance was caused by the windblown action of the corrugated metal sheet loosely affixed onto the temporary noise barrier panel above a concrete blocking footing fronting City Garden. The concerned corrugated metal sheet was removed by the Contractor of HY/2009/19 on 27 November 2015 to avoid further generation of noise nuisance.</p>	Final investigation report to be issued on 01 December 2015.



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					The Contractor was reminded to check and ensure metal sheetings and other material stored within the construction site are properly affixed to avoid potential noise nuisance due to windblown action.	
EPD complaint case (EPD Ref: H04/RS/00 028924-15 dated 04 December 2015	12 Novemb er 2015	EPD complaint received by ET on 04 December 2015	Two International Finance Centre at Finance Street, Central	Construction dust generated from construction site near Two International Finance Centre	<p>A public complaint regarding construction dust impact referred by EPD was received by ET on 04 December 2015 (EPD Ref: H04/RS/00028924-15). The complainant reported that excessive construction dust was generated from the construction site near Two International Finance Centre at Finance Street, Central</p> <p>ET confirmed with the Resident Site Staff that bridge works and drains/ sewers construction at the concerned location was undertaken by Contract HY/2009/18 on 12 November 2015. A stockpile which would be reused for backfilling was stored at the concerned location by Contract HY/2009/18 on 12 November 2015.</p> <p>Mitigation measures implemented by the Contractor for the above construction works including covering of idled portion of stockpile and dampening of the exposed stockpile was implemented for the stockpile at the concerned location.</p>	<p>1st interim report submitted to EPD on 14 December 2015</p> <p>2nd interim report subitted to EPD on 4 January 2016</p> <p>EPD advised no comment on 07 January 2015 on the report submitted and case closed.</p>



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					<p>According to relevant site records confirmed by RSS, bridge works and drains/ sewers construction at the concerned location was undertaken by Contractor of HY/2009/18 on 12 November 2015 and a stockpile which would be reused for backfilling was stored at the concerned location. Mitigation measures including covering of idled portion of stockpile and dampening of the exposed stockpile was implemented for the stockpile at the concerned location.</p> <p>In view of the public concern on potential dust impact at the concerned location, the Contractor of HY/2009/18 rearranged the works sequence and placed concrete blocks at the bridge retaining wall to allow for early commencement of backfilling on 19 November 2015 to minimize the size of the stockpile at an earlier stage. Additional water sprinklers were installed on 27 November 2015 to further enhance the dampening of the stockpile surface during excavation.</p> <p>Follow-up inspection was conducted during weekly environmental inspection on 10 December 2015 and mitigation measures including covering of stockpile stored at the concerned location was implemented while it was observed that stockpiles stored near Man Chiu Street was not properly covered. The Contractor of HY/2009/18 was advised to promptly provide covering to all idled stockpile stored on site and the Contractor was reminded to enhance the</p>	



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					watering during excavated material handling near the concerned location. Further follow up inspection was conducted on 17 December 2015 and mitigation measures including covering and watering for idle stockpile and material handling were implemented.	
ICC complaint case (ICC Case Ref: 2-1656689815 dated 14 December 2015	14 December 2015	EPD complaint received by ET on 04 December 2015	Construction area outside City Garden Block 10 and Block 11	Incessant noise emanating from the construction site of the Island East Corridor link that forms part of the Central Wanchai Bypass Project	<p>A public complaint regarding noise impact referred by RSS was received by ET on 16 December 2015 (ICC Case Ref.: 2-1656689815 dated 14 December 2015). The complainant reported that:</p> <p>Incessant noise emanating from the construction site of the Island Eastern Corridor Link that forms part of the Central-Wanchai Bypass Project.</p> <p>Over the past couple of weeks, there have been loud mechanical pounding at the construction site over the reclaimed area between Blocks 10 and 11 of City Garden. As can be seen, machines have been breaking open the concrete paved on top of the reclaimed area. Work often starts well before 9am on weekdays and, barring a brief period of lull during lunch hours, would often continue unabated untill after 5pm. Although I note that certain noise reduction measures have been put into place (e.g. the erection of flimsy noise barriers around the work area), the noise created is still enormous, and this has become a significant nuisance for residents</p>	Final report was issued on 23 December 2015 and case closed.



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					<p>living in nearby blocks of our estate, especially children and the elderly who have to stay at home for longer hours.</p> <p>ET confirmed with the Resident Site Staff that concreting breaking works was carried out with one breaker on 7, 9, 11, 12 and 14 December 2015 and the breaking works at the concerned location were completed on 14 December 2015 morning. Noise mitigation measures including temporary noise barriers near the point of breaking and covering the breaker with acoustic mat were provided during the concerned concrete breaking works.</p> <p>According to information confirmed by RSS, concreting breaking works was carried out by one excavator mounted breaker on 7, 9, 11, 12 and 14 December 2015 and the concerned breaking works outside City Garden Block 10 and Block 11 was completed on 14 December 2015 morning. Noise mitigation measures including temporary noise barriers near the point of breaking and covering the breaker with acoustic mat were provided during the concerned concrete breaking works. Based on the further review on the record of the environmental inspection conducted on 09 December 2015, the Contractor of HY/2009/19 was reminded to temporary noise barrier provided for the pile cap demolition shall follow the the Environmental Permit EP-364/2009/D requirement.</p>	



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					Follow up inspection was conducted during weekly environmental inspection on 17 December 2015, the concerned breaking works opposite to City Garden Block 10 and Block 11 was observed completed while the Contractor was reminded that the remaining section of temporary noise barrier in accordance with the latest Environmental Permit EP-364/2009/D shall be completed on site as soon as possible. According to the information provided by RSS, the temporary noise barrier in accordance with the Environmental Permit requirement opposite to City Garden was substantially completed on 21 December 2015. In view of the public concern, the Contractor was suggested to consider to review the works duration at daytime and conduct other future breaking works around the concerned location intermittently to minimize the potential noise nuisance caused to the surroundings.	
EPD Ref.: H05/RS/00 000570-16 dated 14 January 2016	07 January 2016	EPD complaint received by ET on 14 January 2016	Lung King Street	Operation of powered mechanical equipment at the construction site near Lung King Street after 1900hrs.	<p>A public complaint regarding construction noise referred by EPD was received by ET on 14 January 2016 (EPD Ref.: H05/RS/00000570-16 dated 14 January 2016). The complainant reported that there was operation of powered mechanical equipment at the construction site near Lung King Street after 1900hrs. (Contract HK/2012/08)</p> <p>ET confirmed with the Resident Site Staff that from 1900hrs to 2115hrs on 06 January 2016, shifting of equipment and socket H-pile casing was undertaken by the Contractor of HK/2012/08 at the concerned location. Total one crawler crane was in operation.</p>	Interim investigation report submitted to EPD on 22 January 2016. EPD advised on 17 February no comment on the interim report submitted and case closed.



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					<p>According to the relevant site records provided by RSS, shifting of equipment and socket H-pile casing was undertaken by the Contractor of HK/2012/08 at the concerned location from 1900hrs to 2115hrs on 06 January 2016. Total one crawler crane was in operation and the relevant Construction Noise Permit GW-RS0976-15 for the concerned operation was confirmed in place.</p> <p>Based on the above, the construction activities conducted under Contract HK/2012/08 on 06 January 2016 after 1900hrs was in compliance with the statutory requirement. Nevertheless, the Contractor was reminded to upkeep the site control system for construction works carried out during restricted hours and night time for Construction Noise Permit compliance in view of the nearby public concern.</p>	
ICC complaint case (ICC Ref.: #2-1754682833 and ICC Ref: #2-1759629742	19 January 2016	EPD complaint received by ET on 19 January 2016	Hung Hing Road	Drainage at Hung Hing Road, Causeway Bay near the entrance of Cross Harbour Tunnel was blocked and sewage was overflowing from the sewer.	<p>Two public complaints regarding the subject matter on blocked drainage were referred by RSS was received by ET on 19 January 2016 (ICC Ref.: #2-1754682833 and ICC Ref: #2-1759629742).</p> <p>The first complainant (ICC Ref.: #2-1754682833) on 11 January 2016 reported that the drainage at Hung Hing Road, Causeway Bay near the entrance of Cross Harbour Tunnel was blocked and sewage was overflowing from the sewer.</p> <p>The first complainant on 13 January 2016 enquired the status of follow-up, the complainant reported that the sewage overflow was severe and pose environmental hygiene concern to the</p>	Final investigation report issued on 27 January 2016



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					<p>surroundings.</p> <p>The first complainant on 14 January 2016 reported that the situation was not improved and would escalate the case if not addressed.</p> <p>The second complainant on 12 January 2016 (ICC Ref: #2-1759629742) reported that a foul sewer was found choking and foul water flows onto the carriageways.</p> <p>ET confirmed with the Resident Site Staff that no discharge point from the Contractor of HY/2009/15 is located within the concern portion of public drain (roadside gully) along Hung Hing Road.</p> <p>The observed yellow pipe extending from the roadside gully at Hung Hing Road into the site area under Contract HY/2009/15 was installed by the Contractor of HY/2009/15 to pump excessive sewage from the roadside gully on 11 January 2016.</p> <p>According to relevant site records and information provided by RSS, a steady flow of wastewater, noticeably sewer-like odour, was seeping through an existing sewage manhole at Hung Hing Road on 11 January 2016 and resulting in the formation of local ponding formed around the low point gully nearby.</p> <p>Based on relevant site information, no discharge point from the Contractor of HY/2009/15 was located at the concerned public drain (roadside gully) along Hung Hing Road while the observed yellow pipe extending from the roadside gully at Hung Hing Road into Contract HY/2009/15 site area was installed by the Contractor of HY/2009/15 to pump excessive sewage from the roadside gully on 11 January 2016. In view of no discharge point established under Contractor HY/2009/15 was observed at the concerned portion of Hung Hing Road, no direct information</p>	



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					indicating the association with the Contractor of HY/2009/15 is considered available. Follow up inspection was conducted during the weekly environmental inspection on 26 January 2016, no further accumulation of wastewater and no particular blockage of the concerned roadside gully at Hung Hing Road was observed. In addition, no overflow from the roadside sewer was observed. Nevertheless, the Contractor of HY/2009/15 was reminded to upkeep the site exit condition to avoid any potential impact to the surroundings.	
EPD complaint case (EPD Case Ref.:H05/RS/00001524-16	22 January 2016	EPD complaint received by ET on 22 January 2016	Hung Hing Road	Construction wastewater from the China Stat's construction site under Contract HY/2009/15 was discharged from the site exit at Hung Hing Road near the Royal Hong Kong Yacht Club to the carriage of Hung Hing Road causing accumulation of stagnant water	<p>A public complaint regarding the blockage of public drainage referred by EPD was received by ET on 22 January 2016 (EPD Case Ref.: H05/RS/00001524-16).</p> <p>The complainant reported that construction wastewater from the China State's construction site under Contract HY/2009/15 was discharged from the site exit at Hung Hing Road near the Royal Hong Kong Yacht Club to the carriage of Hung Hing Road causing accumulation of stagnant water starting from 11 January 2016.</p> <p>ET confirmed with the Resident Site Staff that no construction activities with potential runoff at the main entrance of PRE Office was conducted under Contractor of HY/2009/15 on 11, 14, 15 and 17 January 2016.</p> <p>Concreting for Seawall Reinstatement at TPCWAE was conducted under Contractor of HY/2009/15 on 12 January 2016 and 18 January 2016.</p> <p>Concreting for construction works at covered Tunnel by using concrete pump at TPCWAE was conducted under Contractor of HY/2009/15 on 13 January 2016 and 16 January 2016.</p> <p>According to relevant site records and information</p>	Interim investigation report submitted to EPD on 01 February 2016. EPD advised on 17 February no comment on the interim report submitted and case closed.



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					<p>provided by RSS, a steady flow of wastewater, noticeably sewer-like odour, was seeping through an existing sewage manhole at Hung Hing Road on 11 January 2016 and resulting in the formation of local ponding formed around the low point gully nearby.</p> <p>Based on relevant site information provided by RSS, no construction activity with potential runoff at the main entrance of PRE Office were conducted under Contractor of HY/2009/15 on 11, 14, 15 and 17 January 2016 while concreting for seawall reinstatement at TPCWAE were conducted on 12 January 2016 and 18 January 2016 and concreting for construction works at covered Tunnel by using concrete pump at TPCWAE were conducted on 13 January 2016 and 16 January 2016. All construction runoff was pumped to the wastewater treatment facility. In addition, no discharge point from the Contractor of HY/2009/15 was located at the concerned public drain (roadside gully) along Hung Hing Road.</p> <p>Follow up inspection was conducted during the weekly environmental inspection on 26 January 2016. No further accumulation of wastewater and particular blockage of the concerned roadside gully at Hung Hing Road was observed and no overflow from the roadside sewer was observed. The condition of the construction site exit under HY/2009/15 was generally in order and no particular construction surface runoff was observed. Nevertheless, the Contractor of HY/2009/15 was reminded to upkeep the site exit condition to avoid any potential impact to the surroundings.</p>	



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EPD Ref.: H05/RS/000 03169-16 dated 16 February 2016	16 February 2016	EPD complaint received by ET on 16 February 2016	West of HKCEC	Construction work at construction site of CEDD Wan Chai Development Phase II reclamation project around 2200hrs	<p>A public complaint regarding construction works at restricted hours referred by EPD was received by ET on 16 February 2016 (EPD Ref.:H05/RS/00003169-16 dated 16 February 2016). The complainant reported that:</p> <p>There was construction work at construction site of CEDD Wan Chai Development Phase II reclamation project around 2200hrs on 06 February 2016 at the west of HKCEC within the work area of Contract HK/2012/08.</p> <p>ET confirmed with the Resident Site Staff that from 1900hrs to 2300hrs on 06 February 2016, no site activity was undertaken by the Contractor of HK/2012/08 at the concerned location and site activities under the Contractor of HK/2012/08 at the concerned area were stopped around 1700hrs on 06 February 2016.</p> <p>According to the relevant site records provided by RSS, from 1900hrs to 2300hrs on 06 February 2016, no site activity was undertaken by the Contractor of HK/2012/08 at the concerned location and site activities under the Contractor of HK/2012/08 at the concerned area were stopped around 1700hrs on 06 February 2016.</p> <p>Nevertheless, the Contractor was reminded to upkeep the site control system for any construction works carried out during restricted hours and night time for Construction Noise Permit compliance.</p>	Interim investigation report submitted to EPD on 23 February 2016.



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ICC Ref.: CASE#2-1938637403 dated 01 March 2016	01 March 2016	ICC complaint received by ET on 03 March 2016	Lung King Street near the parking spaces for motorcycles	Construction noise was emanated from road works	<p>A public complaint regarding construction noise referred by ICC was received by ET on 03 March 2016 (ICC Ref.: CASE#2-1938637403 dated 01 March 2016). The complainant reported that construction noise was emanated from road works located between Lung Wo Road and Lung Wui Road Interface.</p> <p>Further information was referred by RSS on 15 March 2016, the complainant clarified on 15 March 2016 that construction noise was emanated from road works located between Lung Wo Road and Lung Wui Road Interface during midnight and has lasted for one and half month resulting in nuisance to nearby residence.</p> <p>Further information was referred by RSS on 18 March 2016, the complainant further clarified on 18 March 2016 that the concerned location shall be Lung King Street near the parking spaces for motorcycles and the Contract no. as stated on the publicity board is HK/2012/08. Furthermore, the complainant identified the noise was from power generators.</p> <p>ET confirmed with the Resident Site Staff that there was neither construction works nor operation of power generators under Contract HK/2012/08 at the concerned location from 1900hrs to 0700hrs during the period from 23 February 2016 to 14 March 2016.</p> <p>Based on the complaint information referred by ICC on 3 March 2016, according to the relevant site records provided by RSS, from 0800hrs to 1800hrs on both 29 February 2016 and 01 March 2016, drainage works was undertaken by Contract HK/2012/08 at Lung Wo Road and one excavator was in operation for soil excavation. Follow up inspection was conducted during the weekly environmental site inspection on 08 March 2016</p>	<p>1st investigation report issued on 11 March 2016.</p> <p>2nd investigation report issued on 23 March 2016 and case closed.</p>



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					<p>and no particular noise emanating works was observed.</p> <p>Based on the further information provided by the complainant on 15 March 2016, the complainant clarified on 15 March 2016 that Construction noise was emanated from road works located between Lung Wo Road and Lung Wui Road Interface during midnight and has lasted for one and half month resulting in nuisance to nearby residence. On 18 March 2016, the complainant further clarified on 18 March 2016 that the concerned location shall be Lung King Street near the parking spaces for motorcycles and the Contract no. as stated on the publicity board is HK/2012/08. Furthermore, the complainant identified the noise was from power generators. According to the relevant site records provided by RSS, there was neither construction works nor operation of power generators under Contract HK/2012/08 at the concerned location from 1900hrs to 0700hrs during the period from 23 February 2016 to 14 March 2016.</p> <p>Nevertheless, in view of the public concern, the Contractor is recommended to maintain regular maintenance of the plant and equipment deployed to avoid potential nuisance to the nearby public.</p>	



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
EPD Ref.: H05/RS/000 05206-16 dated 10 March 2016	07 March 2016	EPD complaint received by ET on 10 March 2016	Waterfront at Lung King Street	Construction dust, plant exhaust and construction noise generated from the construction work of Contract HK/2012/08 at waterfront of Lung King Street caused nuisance, and the water quality at the waterfront of Lung King Street was becoming worse that accumulation of the floating refuse and foam was found	<p>A public complaint regarding construction dust, plant exhaust, construction noise and water quality referred by EPD was received by ET on 10 March 2016 (EPD Ref.: H05/RS/00005206-16 dated 10 March 2016). The complainant reported that construction dust, plant exhaust and construction noise generated from the construction work of Contract HK/2012/08 at waterfront of Lung King Street caused nuisance, and the water quality at the waterfront of Lung King Street was becoming worse that accumulation of the floating refuse and foam was found.</p> <p>ET confirmed with the Resident Site Staff that soil excavation at ELS area, Zone A2(2), was carried out, where at approx. 100m from the waterfront of Lung King Street from 08:00 hrs to 18:00 hrs on 07 March 2016 under Contract HK/2012/08. Two excavators were involved at that location. Erection of falsework for culvert L was carried out near the waterfront of Lung King Street from 08:00 hrs to 18:00 hrs on 07 March 2016 under Contract HK/2012/08. One lorry crane was involved for lifting falsework elements. Dust suppression measures including the water sprinklers were installed along site haul road.</p> <p>Regularly removed the floating refuse at the waterfront of Lung King Street was conducted by the Contractor of HK/2012/08. The concerned observed floating foam at the waterfront of Lung King Street was found originating from the diverted cooling mains discharge.</p> <p>According to the relevant site records provided by RSS, soil excavation at ELS area, Zone A2(2) was carried out, where at approx.100m from the waterfront of Lung King Street under Contract</p>	<p>Interim investigation report submitted to EPD on 18 March 2016.</p> <p>EPD advised no comment on 29 April 2016 on the interim report submitted and case closed.</p>



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					<p>HK/2012/08 from 08:00hrs to 18:00hrs on 07 March 2016 and two excavators were in operation at that location while erection of falsework for culvert L was carried out near the waterfront of Lung King Street from 08:00hrs and 18:00hrs on 07 March 2016 under Contract HK/2012/08 and one lorry crane was involved for lifting falsework elements. Dust suppression measures including the use of water sprinklers along the site haul road was implemented by the Contractor of HK/2012/08 and removal of floating refuse was regularly conducted at the waterfront of Lung King Street by the Contractor of HK/2012/08. Upon investigation, the concerned observed floating foam at the waterfront of Lung King Street was found originating from the diverted cooling mains discharge.</p> <p>Follow up inspection was conducted during the weekly environmental site inspection on 15 March 2016 and dust suppression measures including watering for haul road, tarpaulin sheet covering for cement bags stored on site and three side and top covering for grouting station were implemented while and no dark smoke emission from the plant and machinery deployed on site was observed. Noise mitigation measures including acoustic covering was implementing for excavator mounted breaker. In addition, removal of floating refuse on site was observed implemented by the Contractor of HK/2012/08 and no accumulation of floating refuse was found. The concerned foam originating from diverted cooling mains discharge was observed during inspection and the dispersion of the concerned foam of unknown chemical nature was observed isolated from the nearby public area.</p> <p>Nevertheless, in view of the public concern, the</p>	



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					Contractor was recommended to maintain regular checking of the plants and equipment deployed on site to avoid potential air quality impact to the nearby public and to maintain adequate dust suppression measures on site to avoid potential dust impact to the surroundings. The Contractor was reminded to maintain regular cleaning of floating refuse within the construction site area to avoid potential nuisance to the surroundings. The Contractor was also reminded to maintain the noise mitigation measure if breaking works would be required. The Contractor was also suggested to reflect the observed foam to relevant Cooling Mains owners.	
EPD Ref.: H05/RS/000 06732-16 dated 10 March 2016	23 March 2016	EPD complaint received by ET on 31 March 2016	Seafront opposite to City Garden	Muddy water discharge from construction site outside City Garden	<p>A public complaint regarding direct discharge of muddy effluent referred by EPD was received by ET on 31 March 2016 (Case Ref.: H08/RS/00006732-16). The complainant reported that:</p> <p>Muddy water was observed discharged from the construction site of Central – Wan Chai Bypass – Tunnel (North Point Section) and Island Eastern Corridor Link (Contract No. HY/2009/19) into Victoria Harbour via a drain hole.</p> <p>ET confirmed with the Resident Site Staff that pipe Laying works between Pier 32 and Pier 33 and excavation and blinding works for Manhole at Pier 34 were in progress on 22 March 2016.</p> <p>The observed drain hole was identified to be the outlet point of a manhole and a section of an abandoned U-channel (extending from the concerned manhole to the Hong Kong Electric Substation in length along the site boundary) was adjoining the concerned manhole and sandbag was previously placed at the U-channel at the location near the inlet point to the concerned manhole.</p>	<p>The interim investigation report was submitted to EPD on 11 April 2016.</p> <p>EPD advised no comment on 02 September 2016 on the interim report submitted and case closed.</p>



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					<p>Based on the site records confirmed by RSS, pipe laying works between Pier 32 and Pier 33 and excavation and blinding works for Manhole at Pier 34 were in progress on 22 March 2016. The observed drain hole was identified to be the outlet point of a manhole and a section of an abandoned U-channel (extending from the concerned manhole to the Hong Kong Electric Substation in length along the site boundary) was adjoining the concerned manhole and sandbag was previously placed at the U-channel at the location near the inlet point to the concerned manhole. In addition, no site discharge point was connected to the aforesaid U-channel and the concerned manhole. In view of the environmental concern, the following remedial and precautionary actions were taken by the Contractor of HY/2009/19 on 29 March 2016.</p> <p>i) Plugging the inlet point of the concerned manhole (connecting to the abandoned U-channel) with concrete;</p> <p>ii) Plugging the outlet of the concerned manhole (connecting to the observed drain hole) with concrete;</p> <p>iii) Filling the concerned manhole with rubbles;</p> <p>iv) Shifting the unused wastewater treatment plant around the concerned location to other site location for use.</p> <p>Follow-up inspection was conducted by the Environmental Team on 06 April 2016. No further contaminated runoff discharge was observed from the concerned drain hole and precautionary measures including provision of concrete bunding was implemented along the site boundary at the concerned location to avoid potential surface overflow. The pipe laying works and the excavation works was found at distant location</p>	



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					<p>away from the concerned drain hole with no surface drain connection and no particular effluent was generated from the work. As such, no information indicate the discharge was related to the above construction activities.</p> <p>However, it was noted that another section of surface drainage channel within the construction site (perpendicular in direction to the initial identified abandoned U-channel) was also in connection to concerned manhole and minor residue mud deposition was observed within the surface drainage channel. Despite the above additional surface drainage channel identified, the outlet point of concerned final manhole (in connection with the observed drain hole) was observed plugged with concrete and filled with rubbles as rectification measure to avoid any further contaminated runoff discharge via the observed drain hole.</p> <p>Nevertheless, the Contractor of HY/2009/19 was reminded to conduct regular cleaning works for site surface drainage channel to avoid accumulation of silt and soil and avoid potential overflow by directing the surface runoff within the surface drainage channel to proper collection point for necessary treatment prior to discharge. The Contractor of HY/2009/19 was also reminded to check and review other surface drainage channel within the construction site to avoid potential runoff related impact via surface drainage channel to the nearby waters.</p> <p>In addition, it was noticed that water was discharged from a piping extending from City Garden and the discharged water would result in seepage across the site hoarding into the abandoned U-channel. The Contractor of HY/2009/19 was suggested to liaise with the City Garden Management Office for proper connection</p>	



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					of the observed pipping with discharge to prevent further seepage water into the construction site.	
H08/RS/000 07662-16	05 April 2016	EPD complaint received by ET on 05 April 2016	Construction area opposite to Harbour Heights	Construction dust emission arising from drilling activity	<p>A public complaint regarding construction dust emission was referred by EPD was received by ET on 05 April 2016 (Case Ref.: H08/RS/00007662-16). The complainant reported that construction dust emission arising from drilling activity from the construction site of Central – Wan Chai Bypass – Tunnel (North Point Section) and Island Eastern Corridor Link (Contract No. HY/2009/19).</p> <p>ET confirmed with the Resident Site Staff that drilling holes for installation of starter bars was carried out under Contract HY/2009/19 at the vertical cut face of the existing IEC road slab on 05 April 2016</p> <p>Based on the site records confirmed by RSS, drilling holes for installation of starter bars was carried out under Contract HY/2009/19 at the vertical cut face of the existing IEC road slab on 05 April 2016 and according to the photo information provided by the EPD, no dust suppression measures was implemented during the observed drilling works on 05 April 2016.</p> <p>According to Air Pollution Control Ordinance, for pneumatic or power-driven drilling, cutting and polishing, water or a dust suppression chemical shall be continuously sprayed on the surface where any pneumatic or power-driven drilling, cutting, polishing or other mechanical breaking operation that causes dust emission is carried out, unless the process is accompanied by the operation of an effective dust extraction and filtering device.</p>	<p>The interim report was submitted to the EPD on 14 April 2016.</p> <p>EPD conducted follow up site visit on rectification measures on 21 April 2016. A inspection record form (Pink Form) was issued to the Contractor regarding the observed incident.</p> <p>EPD advised no comment on 02 September 2016 on the interim report submitted and case closed.</p>



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					Follow-up inspection was conducted on 06 April 2016, rectification actions including the use of vacuum suction to extract dust generated during the concerned drilling works was observed implemented by the Contractor of HY/2009/19 for starter bars drilling works.	
ICC Case Ref.:2-2036525055 dated 27 March 2016	27 March 2016	ICC complaint case received by ET on 11 April 2016	Victoria Park Road Pedestrian Pathway	Toppling of tree	<p>An ICC public complaint regarding landscape aspect was referred by RSS was received by ET on 11 April 2016 (Case Ref.:2-2036525055). The complainant reported that a tree (6 meters in height and 1.5 meters in diameter) was found toppled at 111 Victoria Park Road, near Lamp post 38632 and blocking the Pedestrian pathway on 27 March 2016.</p> <p>ET confirmed with the Resident Site Staff that the concerned tree was identified as T710 and no construction activity in the vicinity of tree T710 on 27 March 2016 and no construction works are required in or near its vicinity.</p> <p>Based on the site records confirmed by RSS, the concerned tree was identified as the retained tree T710 maintained under the Contract of HY/2010/08 and the concerned tree T710 was located outside the assessment area in the relevant Project EIA Report. No construction works are required in the vicinity of concerned tree T710 and no construction activity was conducted in the vicinity of tree T710 on 27 March 2016. Nevertheless, based on RSS information, recent tree monitoring report indicates an existing cavity at trunk and the concerned tree T710 has been recommended to be felled in the tree risk assessment Form 2.</p> <p>With respect to the observed incident of the toppling of the concerned tree T710, the</p>	Investigation Report issued on 15 April 2016 and case closed



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					Contractor of HY/2010/08 was instructed by RSS to remove the broken trunk/ remains to avoid impact to the surroundings. The concerned tree T710 shall be compensated by the Contractor of HY/2010/08 in accordance with the Development Bureau Technical Circular (Works) No. 7/2015 and the detail on compensation would be further agreed with Victoria Park Management Office. Follow-up inspection was conducted on 13 April 2016, and the remaining parts of the concerned tree T710 was observed felled to avoid further impact to nearby public road.	
Not available	12 April 2016	A CEDD public complaint referred by RSS was received by ET on 13 April 2016	East of Star Ferry Piers	Muddy water was observed to disperse from Contract HK/2009/02 site area to Victoria Harbour occasionally as there was no silt curtain installed under the buoyancy floats. The location concerned was the East of Star Ferry Piers (Contract No. HK/2009/02).	<p>A CEDD public complaint regarding muddy dispersion referred by RSS was received by ET on 13 April 2016. The complainant reported that muddy water was observed to disperse from Contract HK/2009/02 site area to Victoria Harbour occasionally as there was no silt curtain installed under the buoyancy floats. The location concerned was the East of Star Ferry Piers (Contract No. HK/2009/02).</p> <p>ET confirmed with the Resident Site Staff that no marine construction activities or land construction activities under Contract HK/2009/02 at the concerned location on 12 April 2016. Surface runoff control measures including provision of concrete bund at the concerned location was implemented by Contract HK/2009/02. No soil & silt deposition along the seawall at the concerned location on 12 April 2016. No discharge point located in the vicinity of the concerned location under Contract HK/2009/02. Silt curtain with buoyancy floats acting as anchor points was installed at Monitoring Station RW21-P789 for Water intakes.</p>	Investigation report issued on 19 April 2016 and case closed



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					<p>Based on the site records confirmed by RSS, no marine construction activities or land construction activities was carried out under Contract HK/2009/02 at the concerned location on 12 April 2016 and no soil and silt deposition was found along the seawall at the concerned location and precautionary measures for site runoff control including provision of concrete bund along boundary of site area near the waterfront around the concerned location was implemented by the Contractor HK/2009/02. In addition, no discharge point under Contract HK/2009/02 was located in the vicinity of the concerned location. Based on information confirmed by RSS, the buoyancy floats deployed at the concerned location are acting as the anchor points for the silt curtain deployed around the WQM Station RW21-P789 for the WSD and Cooling Water Intakes group.</p> <p>Follow-up inspection was conducted on 14 April 2016, no surface runoff from the construction site nor discharge of contaminated effluent was observed around the concerned location and precautionary measures including the provision of concrete bund at the concerned location was observed maintained by the Contractor of HK/2009/02 and the silt curtain deployed around the WQM station RW21-P789 was generally in order.</p> <p>In view of the public concern on the water quality, the Contractor of HK/2009/02 was reminded to maintain effective surface runoff protection and provide proper collection point of construction effluent around the concerned location to avoid potential surface runoff related impact.</p>	



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EPD Ref.: H05/RS/000 08367-16 dated 13 April 2016	13 April 2016	A public complaint referred by EPD was received by ET on 13 April 2016	Outside the Hong Kong Academy for Performing Arts	Muddy water discharge from construction site	<p>A public complaint regarding muddy water discharge referred by EPD was received by ET on 13 April 2016 (EPD Ref.: H05/RS/00008367-16 dated 13 April 2016). The complainant reported that muddy water was discharged from the construction work of Contract HK/2012/08 to the sea outside the Hong Kong Academy for Performing Arts on 13 April 2016 morning.</p> <p>ET confirmed with the Resident Site Staff that internal transport of soil to the hopper barge for storage via landing barge was conducted by Contractor of HK/2012/08 during 0800 hours to 1000 hours on 13 April 2016 at the sea outside the concerned location and 3 nos. of dump trucks were deployed for the operation.</p> <p>Protection measure including provision of sandbag bunding along the side of the landing barge was implemented by the Contractor of HK/2012/08.</p> <p>According to the relevant site records provided by RSS, internal transport of soil to the hopper barge for storage via landing barge was conducted by Contractor of HK/2012/08 during 0800 hours to 1000 hours on 13 April 2016 at the sea outside the concerned location and 3 nos. of dump trucks were deployed for the operation. Protection measure including provision of sandbag bunding along the side of the landing barge was implemented by the Contractor of HK/2012/08. In addition, amber rainstorm warning signal was hoisted from 0630 hours to 1200 hours on 13 April 2016 and during the above time period, muddy water was observed from the upstream of culvert L outside the HK/2012/08 site.</p> <p>Follow up inspection was conducted on 19 April 2016, protection measures including provision of</p>	<p>Interim investigation report was submitted to the EPD on 21 April 2016.</p> <p>EPD advised no further comment on 06 June 2016 on the interim report submitted and case closed.</p>



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					<p>sandbag bunding along the side of the landing barge was implemented and no mud or soil deposition was observed along the seawall and no discharge point was located within the temporary water channel connecting the Culvert L outfall location to the Victoria Harbour. In addition, piling works was observed at the north side of Zone A1 on 19 April 2016 and construction effluent collection from piling work via sedimentation tank to wastewater treatment facility was implemented and steel barrier was installed around the piling works area to mitigate against potential surface runoff related impact.</p> <p>Nevertheless, in view of the public concern, the Contractor was reminded to maintain adequate perimeter embankment protection along the seawall boundary and maintain proper construction effluent collection system to avoid potential runoff related impact to nearby waters.</p>	
EPD Ref: H05/RS/000 12646-16 dated 27 May 2016	26 May 2016	A public complaint referred by EPD was received by ET on 27 May 2016	Construction Site near Wanchai Ferry Pier	Operation of generator around the clock	<p>A EPD complaint regarding noise nuisance referred by RSS was received by ET on 27 May 2016 (EPD Ref: H05/RS/00012646-16 dated 27 May 2016). The complainant reported that a generator was operated round-the-clock in the Chun Wo- CRGL JV construction site near Wanchai Ferry Pier that cause noise nuisance. (Contract No. HK/2009/02).</p> <p>ET confirmed with the Resident Site Staff that a generator deployed under Contract HK/2009/02 near the covered walkway for Wanchai Ferry Pier at Portion 2 area and was operated from 1900hrs on 24 May 2016 to 0700hrs on 25 May 2016 and from 1900hrs on 25 May 2016 to 0700hrs on 26 May 2016. The generator was used for the power supply of lighting inside Tunnel Portions 1 and 2.</p> <p>According to the relevant site records provided by</p>	<p>Interim investigation report submitted to EPD on 7 June 2016.</p> <p>EPD advised no further comment on 05 August 2016 on the report submitted and case closed.</p>



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					<p>RSS, a generator deployed under Contract HK/2009/02 near the covered walkway for Wanchai Ferry Pier at Portion 2 area and was operated from 1900hrs on 24 May 2016 to 0700hrs on 25 May 2016 and from 1900hrs on 25 May 2016 to 0700hrs on 26 May 2016. The generator was used for the power supply of lighting inside Tunnel Portions 1 and 2. Based on review on site information, relevant Construction Noise Permits GW-RS0516-16 and GW-RS0390-16 for the operation of the concerned generator were confirmed in place while no sufficient site information was considered available to demonstrate the use of acoustic enclosure for the operation of the generator following the special condition 3d item 4. Despite the above, the Contractor of HK/2009/02 has suspended the use of the generator at the concerned location after 2300hours to minimize potential noise concern to the surroundings from 28 May 2016.</p> <p>Nevertheless, the Contractor of HK/2009/02 was reminded to upkeep the site control system for construction works carried out during restricted hours and night time for Construction Noise Permit compliance and maintain regular maintenance of the plant and equipment deployed to avoid potential nuisance to the nearby public.</p>	



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
EPD Ref: H08/RS/000 14627-16 dated 16 June 2016	15 June 2016	A public complaint referred by EPD was received by ET on 16 June 2016	Construction area of Island Eastern Corridor near Sea View Estate.	Splashing from the working area of Island Eastern Corridor near Sea View Estate.	<p>A public complaint was referred by EPD was received by ET on 16 June 2016 (Case Ref.: H08/RS/00014627-16). The complainant reported that his or her properties were covered by many water stains which were splashing from the working area of Island Eastern Corridor near Sea View Estate.</p> <p>ET confirmed with the Resident Site Staff that rebar fixing was carried out on 13 and 14 June 2016 under the Contractor of HY/2009/19 while formwork cleaning and laying concrete for stitching and curing work for concrete were carried out under the Contractor of HY/2009/19 on 15 June 2016 and 16 June 2016 respectively.</p> <p>Mitigation measures including provision of metal cover underneath the bridge deck in slanting position at Watson Road to prevent spilling of water onto public road and provision of tarpaulin sheet along the guard rails of the bridge deck at Pier 19-20 (opposite to Sea View Estate) to prevent splashing of water to outside area were implemented by the Contractor of HY/2009/19.</p> <p>Based on the site records confirmed by RSS, rebar fixing was carried out on 13 and 14 June 2016 under the Contractor of HY/2009/19 while formwork cleaning and laying concrete for stitching and curing work for concrete were carried out under the Contractor of HY/2009/19 on 15 June 2016 and 16 June 2016 respectively.</p> <p>Mitigation measures including provision of metal cover underneath the bridge deck in slanting position at Watson Road to prevent spilling of water onto public road and provision of tarpaulin sheet along the guard rails of the bridge deck at Pier 19-20 (opposite to Sea View Estate) to prevent splashing of water to outside area were implemented by the Contractor of HY/2009/19.</p>	The interim report submitted to the EPD on 29 June 2016. EPD advised no comment on the interim report submitted and case closed on 02 September 2016.



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					<p>Follow up inspection was conducted on 22 June 2016, mitigation measures including the use of metal cover underneath the bridge deck at Watson Road and provision of tarpaulin sheet along the guard rails of the section of bridge deck opposite to Sea View Estate were implemented by the Contractor of HY/2009/19. No particular spilling or splashing of construction water was observed during inspection around the concerned location.</p> <p>Nevertheless, in view of the public concern, the Contractor of HY/2009/19 was suggested that the direction of the water hose shall be pointed away from the public area as far as practicable during water use or watering for dust suppression to avoid potential splashing nuisance caused to the surroundings. The Contractor of HY/2009/19 was also reminded to maintain proper site drainage to direct surface runoff generated from construction works or cleaning to the proper collection point within site area to avoid potential nuisance to the surroundings.</p>	
EPD Ref: H08/RS/000 16213-16 dated 14 July 2016	30 June 2016	A public complaint referred by EPD was received by ET on 14 July 2016	Construction Site of TS3 near Slip Road 8	Night time construction noise from construction works between 0200hrs to 0300hrs and construction dust emission from construction site of TS3 near Slip Road 8 section.	<p>A public complaint referred by EPD was received by ET on 14 July 2016 (Case Ref.: H08/RS/00016213-16). The complainant reported the concern about night time construction noise from construction works between 0200hrs to 0300hrs and construction dust emission from construction site of TS3 near Slip Road 8 section.</p> <p>ET confirmed with the Resident Site Staff that excavation at TS3 and loading of material onto derrick barge (Shun Tat 28) by crawler crane was undertaken by the Contractor of HY/2010/08 from 19:00hrs to around 02:00hrs on 30 June 2016. Total one crawler crane was in operation.</p> <p>Noise mitigation measures including equipping the crawler crane with noise barrier was implemented</p>	The interim report submitted to the EPD on 22 July 2016



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					<p>by the Contractor of HY/2010/08.</p> <p>Dust mitigation measures including manual spraying of water and mist nozzles are deployed on the ground level and at the cofferdam.</p> <p>Based on the site records confirmed by RSS, excavation at TS3 and loading of material onto derrick barge (Shun Tat 28) by crawler crane was undertaken by the Contractor of HY/2010/08 from 19:00hrs on 29 June 2016 to around 02:00hrs on 30 June 2016. No construction works was conducted at the concerned location after around 02:00hrs on 30 June 2016. Total one crawler crane was in operation and noise mitigation measures including equipping the crawler crane with noise barrier was implemented by the Contractor of HY/2010/08.</p> <p>Based on review on relevant record, Construction Noise Permit GW-RS0434-16 for the operation of crawler crane at the concerned location was in place. However, based on relevant site record, it was noted that the crawler crane deployed during the concerned period could not match with the specific PME requirement under condition 3a (Crane, crawler, mounted with noise barrier (Kobelco 7250S)) of the Construction Noise Permit GW-RS0434-16 between 23:00hrs to 07:00hrs on the following day. Dust mitigation measures including manual spraying of water and mist nozzles were deployed on the ground level and at the cofferdam.</p> <p>Follow up inspection was conducted on 20 July 2016, the potential concerned excavation works at the concerned location was not observed and no particular dust impact was observed around the concerned location.</p> <p>In view of the above, the Contractor of HY/2010/08 was advised to review the site control system for</p>	



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					construction works carried out during restricted hours to check and ensure the model/ specific PMEs deployed are in compliance with relevant Construction Noise Permit. The Contractor of HY/2010/08 was also reminded to maintain regular maintenance of the plant and equipment deployed to avoid potential nuisance to the nearby public. Also, the Contractor of HY/2010/08 was reminded to maintain sufficient watering for excavated material handling to avoid potential dust nuisance to the surroundings.	
EPD Ref: H08/RS/000 22448-16 dated 06 September 2016	04 Sept 2016	A public complaint referred by EPD was received by ET on 06 September 2016	Road construction works area near Causeway Bay Typhoon Shelter	Construction noise from road construction work near Causeway Bay Typhoon Shelter	<p>A public complaint referred by EPD was received by ET on 06 September 2016 (Case Ref.: H08/RS/00022448-16). The complainant reported that construction noise from the road construction work near Causeway Bay Typhoon Shelter during 0800hrs to 2100 hrs on 04 September 2016 (Sunday) caused nuisance. The complainant also indicated that the construction noise was generated up to 0100 hrs on normal weekdays.</p> <p>ET confirmed with the Resident Site Staff that underwater welding of lagging plate at Zone C was conducted from 0800hrs to 2100hrs on 04 September 2016. Total 1 no. of generator and 1 no. of welding machine were in operation.</p> <p>Grouting works at Victoria Park Road Eastbound slow lane was conducted from 2300hrs on 01 September 2016 to 0100hrs on 02 September 2016. Total 1 no. of grout mixer, 1 no. of agitator and 1 no. of grout pump were in operation.</p> <p>Grouting works at Victoria Park Road Eastbound slow lane was conducted from 2300hrs on 02 September 2016 to 0100hrs on 03 September 2016. Total 1 no. of grout mixer, 1 no. of agitator and 1 no. of grout pump were in operation.</p> <p>Grouting works at Victoria Park Road Eastbound</p>	<p>The interim report submitted to EPD on 20 September 2016.</p> <p>EPD advised no comment on 31 October 2016 on the interim report submitted and case closed.</p>



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					<p>slow lane was conducted from 2300hrs to 2359hrs on 03 September 2016. Total 1 no. of grout mixer, 1 no. of agitator and 1 no. of grout pump were in operation.</p> <p>Based on the site records confirmed by RSS, underwater welding of lagging plate at Zone C was conducted from 0800hrs to 2100hrs on 04 September 2016, total 1 no. of generator and 1 no. of welding machine were in operation and relevant Construction Noise Permit GW-RS0442-16 was in place. Grouting works at Victoria Park Road Eastbound slow lane was conducted from 2300hrs on 01 September 2016 to 0100hrs on 02 September 2016. Total 1 no. of grout mixer, 1 no. of agitator and 1 no. of grout pump were in operation. Grouting works at Victoria Park Road Eastbound slow lane was conducted from 2300hrs on 02 September 2016 to 0100hrs on 03 September 2016. Total 1 no. of grout mixer, 1 no. of agitator and 1 no. of grout pump were in operation. Grouting works at Victoria Park Road Eastbound slow lane was conducted from 2300hrs to 2359hrs on 03 September 2016. Total 1 no. of grout mixer, 1 no. of agitator and 1 no. of grout pump were in operation. Relevant Construction Noise Permit GW-RS0531-16 was in place for the above construction activities.</p> <p>Nevertheless, in view of the public concern, the Contractor of HY/2010/08 was reminded to maintain the site control system for construction works carried out during restricted hours to ensure the PMEs deployed are in compliance with relevant Construction Noise Permit. The Contractor of HY/2010/08 was also reminded to maintain regular maintenance of the plant and equipment deployed to avoid potential nuisance to the nearby public.</p>	



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
EPD Ref: H08/RS/000 24768-16 dated 07 October 2016	28 Sept 2016 04 Oct 2016	A public complaint referred by EPD was received by ET on 07 October 2016	Causeway Bay Typhoon Shelter	Construction work at the construction site in Causeway Bay Typhoon Shelter area was found after 1900hrs on 28 September 2016 and 04 October 2016 that caused noise nuisance.	<p>A public complaint referred by EPD was received by ET on 07 October 2016 (Case Ref.: H08/RS/00024768-16). The complainant reported that construction work at the construction site in Causeway Bay Typhoon Shelter area was found after 1900hrs on 28 September 2016 and 04 October 2016 that caused noise nuisance. The complainant also reported that there were 5 concrete lorry mixers operating at the above site after 1900hrs on 04 October 2016.</p> <p>ET confirmed with the Resident Site Staff that concreting for tunnel structure in TS3 (W) was conducted from 1900hrs to 2300hrs on 28 September 2016. One concrete pump and two concrete lorry mixers were in operation. One no. of concrete lorry mixer was located at the East of TS3 (W) and one no. of concrete lorry mixer was located at the west of TS3 (W). Concreting for tunnel structure in TS3 (W) was conducted from 1900hrs to 2300hrs on 04 October 2016. One concrete pump and two concrete lorry mixers were in operation. One no. of concrete lorry mixer was located at the East of TS3 (W) and one no. of concrete lorry mixer was located at the west of TS3 (W).</p> <p>Based on the site records confirmed by RSS, concreting for tunnel structure in TS3 (W) was conducted from 1900hrs to 2300hrs on 28 September 2016 and from 1900hrs to 2300hrs on 04 October 2016 and total one concrete pump and two concrete lorry mixers were in operation during the above concerned periods. One no. of concrete lorry mixer was located at the East of TS3 (W) and one no. of concrete lorry mixer was located at the west of TS3(W) during the above concerned periods and relevant Construction Noise Permit</p>	The interim investigation report was submitted to EPD on 18 October 2016.



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					<p>GW-RS0434-16 and GW-RS0407-16 were in place for the construction works conducted during the above concerned periods.</p> <p>Nevertheless, in view of the public concern, the Contractor of HY/2010/08 was reminded to maintain the site control system for construction works carried out during restricted hours to ensure the PMEs deployed are in compliance with relevant Construction Noise Permit. The Contractor of HY/2010/08 was also reminded to maintain regular maintenance of the plant and equipment deployed to avoid potential nuisance to the nearby public.</p>	
EPD Ref: H05/RS/0002 9722-16 dated 22 November 2016	15 Nov 2016	A public complaint referred by EPD received by ET on 22 November 2016	Construction Site near Wanchai Ferry Pier	Noise was emanated in the Chun Wo – CRGLJV construction site near Wanchai Ferry Pier till late night and caused nuisance to nearby sensitive receivers.	<p>An EPD complaint regarding noise nuisance referred by EPD was received by ET on 22 November 2016 (EPD Ref: H05/RS/00029722-16 dated 22 November 2016). The complainant reported that noise was emanated in the Chun Wo – CRGLJV construction site near Wanchai Ferry Pier till late night and caused nuisance to nearby sensitive receivers.</p> <p>ET confirmed with the Resident Site Staff that Excavation works at Portion 5 was conducted under Contract HK/2009/02 at Portion 5 area (West of Wan Chai Ferry Pier) from 1900hrs to 2300hrs on 14 November 2016. Total two crawler cranes, two excavators and two generators were operated at ground level and four excavators were operated below ground level. No construction activity was conducted under Contract HK/2009/02 from 2300hrs on 14 November 2016 to 0700hrs on 15 November 2016. Total two generators were operated at ground level for lighting illumination of Portion 5.</p>	Interim investigation report submitted to EPD on 29 November 2016.



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					<p>According to information provided by RSS, excavation works at Portion 5 was conducted under Contract HK/2009/02 at Portion 5 area (West of Wan Chai Ferry Pier) from 1900hrs to 2300hrs on 14 November 2016. Total two crawler cranes and two excavators were operated at ground level and four excavators were operated below ground level. Two generators were operated at ground level. Based on review on site information, relevant Construction Noise Permits GW-RS0593-15 for the above construction activities and above operation of the generators were confirmed in place. No construction activity was conducted under Contract HK/2009/02 from 2300hrs on 14 November 2016 to 0700hrs on 15 November 2016 and two generators were operated at ground level for lighting illumination of Portion 5.</p> <p>In view of the public concern, the Contractor of HK/2009/02 confirmed that the two generators for lighting power supply at ground level after 2300hrs had been suspended and replaced by other two generators located below ground level at Portion 5 area since 23 November 2016 to minimize the noise impact to the surroundings. In addition, the Contractor of HK/2009/02 was reminded to upkeep the site control system for construction works carried out during restricted hours and night time for Construction Noise Permit compliance and maintain regular maintenance of the plant and equipment deployed to avoid potential nuisance to the nearby public. Also, the Contractor of HK/2009/02 was recommended to review the enhancement noise mitigation measure to be adopted for the generators deployed at ground level before 2300hrs to alleviate potential noise concern to the surroundings.</p>	



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
EPD ref: H08/RS/0003 0890-16 dated 07 December 2016	24 Nov 2016	A public complaint referred by EPD received by ET on 07 December 2016	Construction Site at Victoria Park	Noise emanated from the construction site at Victoria Park after 1900hrs.	<p>A public complaint referred by EPD was received by ET on 07 December 2016 (Case Ref.: H08/RS/00030890-16). The complainant reported that Noise was emanated in the construction site near Victoria Park after 19:00 and caused nuisance to nearby sensitive receivers on 24 November 2016. ET confirmed with the Resident Site Staff that welding works for the tie-rod for the vertical blinding concrete was undertaken by the Contractor of HY/2010/08 at the construction site in the Victoria Park from 1900hrs to 2300hrs on 24 November 2016. Total 3 nos. of welding machines (electric), 3 nos. of water pumps (electric) and 1 no. of AquaSED were in operation.</p> <p>Based on the site records confirmed by RSS, welding works for the tie-rod for the vertical blinding concrete was undertaken by the Contractor of HY/2010/08 at the construction site in the Victoria Park from 1900hrs to 2300hrs on 24 November 2016. Total 3 nos. of welding machines (electric), 3 nos. of water pumps (electric) and 1 no. of AquaSED were in operation and relevant Construction Noise Permit GW-RS0930-16 was in place for the construction works conducted during the above concerned period. In addition, according to relevant site information confirmed by RSS, the welding machines, water pumps and AquaSED were connected to and powered by Hong Kong Electric power grid. Nevertheless, in view of the public concern, the Contractor of HY/2010/08 was reminded to maintain the site control system for construction works carried out during restricted hours to ensure the PMEs deployed are in compliance with relevant Construction Noise Permit. The Contractor of HY/2010/08 was also reminded to maintain regular maintenance of the plant and equipment deployed to avoid potential nuisance to the nearby public.</p>	<p>Investigation report submitted to EPD on 16 December 2016.</p> <p>Under EPD review</p>



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
EPD complaint H08/RS/000 01175-17 dated 16 January 2016	10 January 2017	A public complaint referred by EPD received by ET on 16 January 2017	Causeway Bay Typhoon Shelter	Construction work at the reclamation site in Causeway Bay Typhoon Shelter area (Under the Island Eastern Corridor) was found after 1900hrs on 10 January 2017 and the concrete lorry mixer and concrete pump may not comply with the Construction Noise Permit	<p>A public complaint referred by EPD was received by ET on 16 January 2017 (Case Ref.: H08/RS/00001175-17). The complainant reported that construction work at the reclamation site in Causeway Bay Typhoon Shelter area (Under the Island Eastern Corridor) was found after 1900hrs on 10 January 2017. The complainant reported that there were 3 concrete pumps and around 10 concrete lorry mixers operating at the above site during the said period which may not comply with the Construction Noise Permit.</p> <p>ET confirmed with the Resident Site Staff that concreting of tunnel structure was conducted under Contract HY/2010/08 at Temporary Reclamation Area TS3 between 1900hrs and 2000hrs on 10 January 2017.</p> <p>Total 3 nos. of Lorry Mounted Concrete Pumps and 6 nos. of Concrete Lorry Mixers were operated at TS3 while temporary noise barrier was provided for 2 nos. of the operating Lorry Mounted Concrete Pumps and 4 nos. of the operating Concrete Lorry Mixers. Total 1 no. of Concrete Lorry Mixer was at stand-by within TS3 Works area.</p> <p>Concreting of tunnel structure was conducted under Contract HY/2010/08 at Temporary Reclamation Area TS3 between 2000hrs and 2030hrs 10 January 2017. Total 2 nos. of Lorry Mounted Concrete Pump and 4 nos. of Concrete Lorry Mixers were operated at TS3 while temporary noise barrier was provided for 1 no. of the operating Lorry Mounted Concrete Pumps and 2 nos. of the operating Concrete Lorry Mixers. Total 1 no. of Concrete Lorry Mixer was at stand-by within TS3 Works area.</p>	Interim investigation report submitted to EPD on 03 February 2017.



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					<p>Concreting of tunnel structure was conducted under Contract HY/2010/08 at Temporary Reclamation Area TS3 between 2030hrs and 2300hrs 10 January 2017. Total 1 no. of Lorry Mounted Concrete Pump and 2 nos. of Concrete Lorry Mixers were operated at TS3.</p> <p>Based on the site records confirmed by RSS, concreting of tunnel structure was conducted under Contract HY/2010/08 at Temporary Reclamation Area TS3 between 1900hrs and 2300hrs on 10 January 2017. From 1900hrs to 2000hrs, total 3 nos. of Lorry Mounted Concrete Pumps and 6 nos. of Concrete Lorry Mixers while temporary noise barrier was provided for 2 nos. of the operating Lorry Mounted Concrete Pumps and 4 nos. of the operating Concrete Lorry Mixers. Total 1 no. of Concrete Lorry Mixer was at stand-by within TS3 Works area.</p> <p>From 2000hrs to 2030hrs, total 2 nos. of Lorry Mounted Concrete Pump and 4 nos. of Concrete Lorry Mixers were operated at TS3 while temporary noise barrier was provided for 1 no. of the operating Lorry Mounted Concrete Pumps and 2 nos. of the operating Concrete Lorry Mixers. Total 1 no. of Concrete Lorry Mixer was at stand-by within TS3 Works area.</p> <p>From 2030hrs to 2300hrs, total 1 no. of Lorry Mounted Concrete Pump and 2 nos. of Concrete Lorry Mixers were operated at TS3.</p> <p>Relevant Construction Noise Permit GW-RS1232-16 (Corresponding PME Groups operated include Group M, Group K and Group H) was in place for the construction works conducted during the above concerned periods and based on RSS information, a designated personnel on-site was responsible for controlling and supervising the switching between PME Groups. Meanwhile, there</p>	



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					<p>is no sufficient information to conclude if the concerned PME(s) (Concrete Lorry Mixer and Lorry Mounted Concrete Pump) deployed behind the temporary noise barrier provided were not visible to nearby sensitive receivers.</p> <p>As multiple PME grouping under the Construction Noise Permit are involved, the Contractor of HY/2010/08 was reminded to strictly follow the site control system for construction works carried out during restricted hours to ensure the PMEs deployed are in strict compliance with relevant Construction Noise Permit. The Contractor of HY/2010/08 was also reminded to maintain regular maintenance of the plant and equipment deployed to avoid potential nuisance to the nearby public.</p>	
ICC complaint case (Ref: #2-3218844776) dated 23 December 2017	22 Dec 2016	ICC complaint case referred by RSS received by ET on 18 January 2017	Construction Site Gate Exit near Expo Drive East	No wheel washing from CEDD work site, no supervision from the Resident Site Staff, mud was dispersed on the road and flush to the communal drain by Chun Wo-China Railway JV HK/2009/02.	<p>A public complaint regarding the subject matter on wheel washing referred by RSS was received by ET on 18 January 2017 (ICC Ref: #2-3218844776). The complainant reported that no wheel washing from CEDD work site, no supervision from the Resident Site Staff, mud was dispersed on the road and flush to the communal drain by Chun Wo-China Railway JV HK/2009/02.</p> <p>ET confirmed with the Resident Site Staff that the concerned location was Site Exit Gate No. 6 at Expo Drive East operated and maintained under HK/2009/02 on 22 December 2016. Site measures including provision of wheel washing facility was implemented by the Contractor of HK/2009/02 on the concerned date.</p> <p>According to information provided by RSS, the concerned location was Site Exit Gate No. 6 at Expo Drive East operated and maintained under HK/2009/02 on 22 December 2016. In view of the environmental concern, remedial measures including i) instructing all workers to conduct wheel</p>	Final investigation report issued on 23 January 2017.



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					<p>washing within the designated location with collection pit to prevent overflow of washing effluent and ii) manual removal of dirt/silt by worker instead of water flushing in case of dirt/muddy trail found on road were implemented by the Contractor on 28 December 2016. Also, the Contractor of HK/2009/02 was further reminded by the WDII RSS to maintain proper wheel washing facilities at Gate No.6 and inspect regularly to ensure that all vehicles leaving the site to public roads are free of mud.</p> <p>Nevertheless, the Environmental Team further reminded the Contractor on 04 January 2017 that site measures including i) wheel washing operation shall be conducted at the designated location behind the backfall to avoid overflow of washing effluent onto public road ii) any silt/ soil deposited of the public road shall be cleared manually shall be strictly followed and relevant remedial actions were taken by the Contractor of HK/2009/02 on 04 January 2017.</p> <p>According to site inspection conducted on 17 January 2017, the concerned site exit Gate No.6 was maintained in proper condition, no silt/ mud deposition was observed on the public road and wheel washing was conducted by the Contractor of HK/2009/02 at the designated location within the construction site to avoid overflow of washing effluent onto nearby public road.</p>	



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
ICC complaint case (Ref: #2-351203393 6) dated 20 February 2017	20 February 2017	ICC complaint case referred by RSS received by ET on 24 February 2017	Victoria Park Swimming Pool	Noise was emanated from the construction site near Victoria Park Swimming Pool between 2300hrs to 2400hrs in the past months and caused nuisance.	<p>An ICC complaint referred by RSS was received by ET on 24 February 2017 (CASE#2-3512033936). The complainant reported that noise was emanated from the construction site near Victoria Park Swimming Pool between 2300hrs to 2400hrs in the past months and caused nuisance. ET confirmed with the Resident Site Staff that no works was conducted under Contract HY/2010/08 near Victoria Park Swimming Pool (Hing Fat Street) during the restricted hours (from 1900hrs to 0700hrs on the following day) from 21 December 2016 to 20 February 2017.</p> <p>No works was conducted under Contract HY/2010/08 near Victoria Park Swimming Pool (Hing Fat Street) during the restricted hours (from 1900hrs to 0700hrs on the following day) from 21 December 2016 to 20 February 2017.</p> <p>Nevertheless, in view of the public concern, the Contractor of HY/2010/08 was reminded to maintain the site control system for construction works carried out during restricted hours to ensure the PMEs deployed are in compliance with relevant Construction Noise Permit. The Contractor of HY/2010/08 was also reminded to maintain regular maintenance of the plant and equipment deployed to avoid potential nuisance to the nearby public.</p>	Final Investigation Report issued on 02 March 2017 and case closed.



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
ICC complaint case (Ref: #2-3515474831) dated 21 February 2017	21 February 2017	ICC complaint case referred by RSS received by ET on 24 February 2017	Construction Site near Victoria Park Swimming Park and Causeway Bay Typhoon Shelter	Noise was emanated from the construction site near Victoria Park Swimming Pool between 2300hrs to 2400hrs in the past months and caused nuisance.	<p>An ICC complaint referred by RSS was received by ET on 24 February 2017 (CASE#2-3515474831). The complainant reported that noise was emanated from the construction site near Victoria Park Swimming Pool and Causeway Bay Typhoon Shelter between 1900hrs to 2400hrs in the past months and caused nuisance.</p> <p>ET confirmed with the Resident Site Staff that concreting of tunnel structure at Temporary Reclamation Area TS3 were conducted under Contract HY/2010/08 between 1900hrs and 2300hrs on 13, 14, 15, 16 and 18 February 2017. Total 3 nos. of concrete pump and 6 nos. of concrete lorry mixers were operated.</p> <p>Concreting of tunnel structure at Temporary Reclamation Area TS3 were conducted under Contract HY/2010/08 between 1900hrs and 2100hrs on 21 February 2017. Total 3 nos. of concrete pump and 6 nos. of concrete lorry mixers were operated. Concreting of tunnel structure at Zone C was conducted under Contract HY/2010/08 between 1900hrs to 2300hrs on 17 and 20 February 2017. Total 1 no. of concrete pump and 2 nos. of concrete mixers were operated. Bar bending at Zone C was conducted under Contract HY/2010/08 between 1900hrs to 2300hrs on 13, 14, 15, 16, 18 and 19 February 2017. Total 1 no. bar bender and cutter was operated. No works was conducted under Contract HY/2010/08 near Victoria Park Swimming Pool (Hing Fat Street) during the restricted hours (from 1900hrs to 0700hrs on the following day) across the period from 13 February 2017 to 21 February 2017.</p> <p>Based on the site records confirmed by RSS, no works was conducted under Contract HY/2010/08</p>	Final Investigation Report issued on 07 March 2017 and case closed.



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					<p>near Victoria Park Swimming Pool (Hing Fat Street) during the restricted hours (from 1900hrs to 0700hrs on the following day) from 13 February 2017 to 20 February 2017. Concreting of tunnel structure at Temporary Reclamation Area TS3 was conducted under Contract HY/2010/08 between 1900hrs and 2300hrs on 13, 14, 15, 16 and 18 February 2017 and total 3 nos. of concrete pumps and 6 nos. of concrete lorry mixers were operated. Concreting of tunnel structure at Temporary Reclamation Area TS3 were conducted under Contract HY/2010/08 between 1900hrs and 2100hrs on 21 February 2017 and total 3 nos. of concrete pump and 6 nos. of concrete lorry mixers were operated. Relevant Construction Noise Permit GW-RS0029-17 was in place while it is considered that there is no sufficient information to indicate whether the Powered Mechanical Equipment were deployed at the designed location stipulated under the relevant Construction Noise Permit with noise mitigation measures required.</p> <p>Concreting of tunnel structure at Zone C was conducted under Contract HY/2010/08 between 1900hrs to 2300hrs on 17 and 20 February 2017. Total 1 no. of concrete pump and 2 nos. concrete mixers were operated. Bar bending at Zone C was conducted under Contract HY/2010/08 between 1900hrs to 2300hrs on 13, 14, 15, 16, 18 and 19 February 2017 and total 1 no. bar bender and cutter was operated. Relevant Construction Noise Permit GW-RS1366-13 was in place while it is considered that there is no sufficient information to indicate whether the Powered Mechanical Equipment were deployed at the designed location stipulated under the relevant Construction Noise Permit with noise mitigation measures required.</p>	



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					<p>Nevertheless, further to the joint ad-hoc inspection conducted by the ET/IEC on 13 February 2017 during restricted hours (between 1900hrs to 2200hrs), concurrent operations of 4 nos. of concrete lorry trucks at the Southern Side of TS3 near Construction Site Entrance and concurrent operations of 2 nos. of concrete lorry pumps and 2 nos. of concrete lorry truck at Western and Northern Side of TS3 were observed while the temporary noise barrier provided for the concrete lorry pump and concrete lorry truck at the Northern Side of TS3 could not screen entirely the concrete lorry truck and concrete lorry pump (Located at Northern Side of TS3) from nearby sensitive receivers. Therefore, it is considered that the above operations observed could not follow the PME grouping requirement and the specific condition 3.d.4 under the relevant Construction Noise Permit.</p> <p>In view of the above, the Contractor of HY/2010/08 was advised to enhance the site supervision and strictly implement the site control system for construction works carried out during restricted hours to ensure the PMEs deployed strictly comply with relevant Construction Noise Permit. The Contractor of HY/2010/08 was also reminded to maintain regular maintenance of the plant and equipment deployed to avoid potential nuisance to the nearby public.</p>	





Appendix 10.1

Construction Programme of Individual Contracts

Contract No. HK/2009/01
Wan Chai Development Phase II – Central -Wan Chai Bypass at
Hong Kong Convention and Exhibition Centre

Construction Activities For Three Months Rolling

Construction Activities	Dec 2016	Jan 2017	Feb 2017	Mar 2017	Apr 2017
Reinstatement of Amenity Area					
Road and Drain Works					

Activity ID	Activity Name	On Dur	Rem Dur	Scheduled Actual Start	Scheduled Actual Finish	Total Float	Calendar	2016																2017															
								January				February				March				April																			
								25	01	08	15	22	29	05	12	19	26	05	12	19	26	02	09	16															
Three Months Rolling Programme 2017-01-20 (dd 20-Jan-17)																																							
Programme Milestones (Revised up to EOTO No.21)																																							
Contractual Completion Dates																																							
KDC0170	Section 9B Works (2107 days) - CWB Structure (CH3400 Eastward) (2-Dec-15 Noon)	0	0		20-Jan-17*	-114	Calendar Day																	◆ Section 9B Works (2107 days) - CWB Structure (CH3400 Eastward) (2-Dec-15 Noon)															
KDC0180	Section 10 Works (2197 days) - CWB Structure (CH3400 Westward) (20-Oct-16 Noon)	0	0		20-Jan-17*	-91	Calendar Day																	◆ Section 10 Works (2197 days) - CWB Structure (CH3400 Westward) (20-Oct-16 Noon)															
KDC0190	Section 11 Works (2407 days) - Remainder of Works/ Works Completion Date (19-May-17 Noon)	0	0		19-May-17*	0	Calendar Day																																
Soft Landscaping & Establishment Key Dates																																							
KDC0200	Section 11A Works (2437 days) - Remaining Landscape Softworks (03-Oct-16 Noon)	0	0		20-Jan-17*	-108	Calendar Day																	◆ Section 11A Works (2437 days) - Remaining Landscape Softworks (03-Oct-16 Noon)															
Section 8A of the Works - Reprovisioning of Wan Chai Ferry Pier in Area 8																																							
Outstanding Works																																							
S8A-OUT-1060	Reinstatement works of the flooring inside the rooms under staircase ST-01 of the Ferry Pier	12	12	04-Mar-17	16-Mar-17	49	HK Working Day																	<div></div> Reinstatement works of the flooring inside the rooms under staircase ST-01 of the Ferry Pier															
S8A-OUT-1070	Reinstatement works of the flooring under the temporary covered walkway	6	6	17-Mar-17	23-Mar-17	49	HK Working Day																	<div></div> Reinstatement works of the flooring under the temporary covered walkway															
Section 9B of the Works - CWB Tunnel Structure (CH3400 - CH3796)																																							
Tunnel Portion 1 (CH3500-CH3630)																																							
CWB Structural Works																																							
Outstanding Works																																							
S9B-T1-OUT-1010	TB1 - Remedial works of the cross road ducts	25	34	12-Oct-16 A	22-Feb-17	-473	Calendar Day																	<div></div> TB1 - Remedial works of the cross road ducts, TB1 - Remedial works of the cross road ducts															
S9B-T1-OUT-1020	TB1 - Remedial works of the OHVD damper openings and base slab levels found out-of-tolerance	25	25	23-Feb-17	19-Mar-17	-473	Calendar Day																	<div></div> TB1 - Remedial works of the OHVD damper openings and base slab levels found out-of-tolerance															
Tunnel Portion 2 (CH3425-CH3500)																																							
CWB Structural Works																																							
Outstanding Works																																							
S9B-T2-OUT-1010	TB2 - Remedial works of the cross road ducts	25	34	12-Oct-16 A	22-Feb-17	-448	Calendar Day																	<div></div> TB2 - Remedial works of the cross road ducts, TB2 - Remedial works of the cross road ducts															
Tunnel Portion 3 & Tunnel Portion 4 (CH3630-CH3790)																																							
CWB Structural Works																																							
Outstanding Works																																							
S9B-T34-OUT-1020	TP3 & 4 - Carry out defects rectification works	25	64	05-Oct-16 A	24-Mar-17	-478	Calendar Day																	<div></div> TP3 & 4 - Carry out defects rectification works															
S9B-T34-OUT-1030	TP3 & 4 - Remedial works of the cross road ducts	18	58	12-Oct-16 A	18-Mar-17	-472	Calendar Day																	<div></div> TP3 & 4 - Remedial works of the cross road ducts															
Tunnel Portion 5 (CH3400-CH3425)																																							
Bay 13 (Eastern End Bay)																																							
S9B-T5-B13-1010	Base Slab - Waterproofing	4	14	06-Jan-17 A	02-Feb-17	-590	Calendar Day																	<div></div> Base Slab - Waterproofing, Base Slab - Waterproofing															
S9B-T5-B13-1020	Base Slab - Rebar Fixing	10	10	13-Feb-17	22-Feb-17	-590	Calendar Day																	<div></div> Base Slab - Rebar Fixing, Base Slab - Rebar Fixing															
S9B-T5-B13-1030	Base Slab - Concrete	1	1	23-Feb-17	23-Feb-17	-590	Calendar Day																	<div></div> Base Slab - Concrete, Base Slab - Concrete															
S9B-T5-B13-1040	Base Slab - Curing	4	4	24-Feb-17	27-Feb-17	-590	Calendar Day																	<div></div> Base Slab - Curing, Base Slab - Curing															
S9B-T5-B13-1050	Wall (North) - Waterproofing & Working Platform	4	4	12-Mar-17	15-Mar-17	-548	Calendar Day																	<div></div> Wall (North) - Waterproofing & Working Platform, Wall (North) - Waterproofing & Working Platform															
S9B-T5-B13-1060	Wall (North) - Rebar Fixing	3	3	16-Mar-17	18-Mar-17	-548	Calendar Day																	<div></div> Wall (North) - Rebar Fixing, Wall (North) - Rebar Fixing															
S9B-T5-B13-1070	Wall (North) - Formwork	2	2	25-Apr-17	26-Apr-17	-585	Calendar Day																	<div></div> Wall (North) - Formwork, Wall (North) - Formwork															
S9B-T5-B13-1100	Wall (South) - Waterproofing & Working Platform	4	4	12-Mar-17	15-Mar-17	-548	Calendar Day																	<div></div> Wall (South) - Waterproofing & Working Platform, Wall (South) - Waterproofing & Working Platform															
S9B-T5-B13-1110	Wall (South) - Rebar Fixing	3	3	16-Mar-17	18-Mar-17	-548	Calendar Day																	<div></div> Wall (South) - Rebar Fixing, Wall (South) - Rebar Fixing															
S9B-T5-B13-1150	Wall (Middle) - Rebar Fixing & Working Platform	4	4	12-Mar-17	15-Mar-17	-545	Calendar Day																	<div></div> Wall (Middle) - Rebar Fixing & Working Platform, Wall (Middle) - Rebar Fixing & Working Platform															
Bay 12																																							
S9B-T5-B12-1020	Base Slab - Rebar Fixing	10	2	09-Jan-17 A	21-Jan-17	-558	Calendar Day																	<div></div> Base Slab - Rebar Fixing, Base Slab - Rebar Fixing															
S9B-T5-B12-1030	Base Slab - Concrete	1	1	22-Jan-17	22-Jan-17	-558	Calendar Day																	<div></div> Base Slab - Concrete, Base Slab - Concrete															
S9B-T5-B12-1040	Base Slab - Curing	4	4	23-Jan-17	26-Jan-17	-558	Calendar Day																	<div></div> Base Slab - Curing, Base Slab - Curing															
S9B-T5-B12-1050	Wall (North) - Waterproofing & Working Platform	4	4	12-Mar-17	15-Mar-17	-558	Calendar Day																	<div></div> Wall (North) - Waterproofing & Working Platform, Wall (North) - Waterproofing & Working Platform															
S9B-T5-B12-1060	Wall (North) - Rebar Fixing	3	3	16-Mar-17	18-Mar-17	-554	Calendar Day																	<div></div> Wall (North) - Rebar Fixing, Wall (North) - Rebar Fixing															
S9B-T5-B12-1070	Wall (North) - Formwork	2	2	19-Apr-17	20-Apr-17	-585	Calendar Day																	<div></div> Wall (North) - Formwork, Wall (North) - Formwork															
S9B-T5-B12-1080	Wall (North) - Concrete	1	1	21-Apr-17	21-Apr-17	-585	Calendar Day																	<div></div> Wall (North) - Concrete, Wall (North) - Concrete															
S9B-T5-B12-1090	Wall (North) - Curing & Formwork Dismantling	3	3	22-Apr-17	24-Apr-17	-585	Calendar Day																	<div></div> Wall (North) - Curing & Formwork Dismantling, Wall (North) - Curing & Formwork Dismantling															
S9B-T5-B12-1100	Wall (South) - Waterproofing & Working Platform	4	4	16-Mar-17	19-Mar-17	-558	Calendar Day																	<div></div> Wall (South) - Waterproofing & Working Platform, Wall (South) - Waterproofing & Working Platform															
S9B-T5-B12-1110	Wall (South) - Rebar Fixing	3	3	20-Mar-17	22-Mar-17	-558	Calendar Day																	<div></div> Wall (South) - Rebar Fixing, Wall (South) - Rebar Fixing															
S9B-T5-B12-1120	Wall (South) - Formwork	2	2	23-Apr-17	24-Apr-17	-589	Calendar Day																	<div></div> Wall (South) - Formwork, Wall (South) - Formwork															
S9B-T5-B12-1130	Wall (South) - Concrete	1	1	25-Apr-17	25-Apr-17	-589	Calendar Day																	<div></div> Wall (South) - Concrete, Wall (South) - Concrete															
S9B-T5-B12-1140	Wall (South) - Curing & Formwork Dismantling	3	3	26-Apr-17	28-Apr-17	-589	Calendar Day																	<div></div> Wall (South) - Curing & Formwork Dismantling, Wall (South) - Curing & Formwork Dismantling															
S9B-T5-B12-1150	Wall (Middle) - Rebar Fixing & Working Platform	4	4	27-Jan-17	30-Jan-17	-507	Calendar Day																	<div></div> Wall (Middle) - Rebar Fixing & Working Platform, Wall (Middle) - Rebar Fixing & Working Platform															
								Date																Revision				Checked				Approved							
																								Rev. Programme (08.12.16)															

◆ Milestone			Date	Revision	Checked	Approved
◆ Critical Milestones				Rev. Programme (08.12.16)		
■ Current Works						
■ Critical Works						
■ Remaining Level of Effort						

Activity ID	Activity Name	Oa Dur	Rem Dur	Scheduled Actual Start	Scheduled Actual Finish	Total Float	Calendar	2016												2017																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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S10-TS-B9-1160	Wall (Middle) - Formwork	2	2	19-Feb-17	20-Feb-17	-475	Calendar Day																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				

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S10-T5-B4-1180	Wall (Middle North) - Curing & Formwork Dismantling	3	3	26-Jan-17	28-Jan-17	-545	Calendar Day																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													

- ◆ Milestone
- ◆ Critical Milestones
- Current Works
- Critical Works
- Remaining Level of Effort

CHUN WO - CRGL
JOINT VENTURE

CEDD CONTRACT NO. HK/2009/02
WD II - Central Wanchai Bypass at Wan Chai East (Contract 2)
3-MONTH ROLLING PROGRAMME (dd 20-Jan-17)

Date	Revision	Checked	Approved
	Rev. Programme (08.12.16)		

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Activity ID	Activity Name	Remaining Dur	Early Start	Early Finish	Total Float	Activity % Complete	2	2017			
								Jan	Feb	Mar	Apr
HK/2012/08 Revised Works Programme Rev.9(DD 31 December 2016)											
Dredging and Reclamation											
Marine Work Construction											
Others - Landing Steps											
MAR21420	Zone A2 - [summary] landing steps at seawall 13	73	09-Feb-17	11-May-17	-23	0%					
MAR21360	Zone A2 - [summary] landing steps at seawall 4	77	09-Feb-17	16-May-17	-27	0%					
MAR21380	Zone B - [summary] landing steps at seawall 5	73	09-Feb-17	11-May-17	-23	0%					
MAR21400	Zone D - [summary] landing steps at seawall 9	70	09-Feb-17	08-May-17	-20	0%					
Works for Section Completion											
Construction											
Section II - MVB Structure											
MVB Substructure - ELS & Structural Works for Portion A											
MVB Substructure - Other Works for Portion A											
SII11400	Sec II - MVB A: Backfilling to ground level (2.0mPD to 4.0mPD)	14	17-Jan-17	30-Jan-17	-163	0%					
SII11320	Sec II - MVB A: Remove flamework & formwork	10	05-Jan-17	14-Jan-17	-143	0%					
SII11340	Sec II - MVB A: Repair defect	10	15-Jan-17	24-Jan-17	-143	0%					
SII11360	Sec II - MVB A: Screeding of Roof Slab	7	10-Jan-17	16-Jan-17	-163	0%					
SII11344	Sec II - MVB A: Waterproofing of D-wall	5	25-Jan-17	29-Jan-17	-143	0%					
SII11350	Sec II - MVB A: Waterproofing of Roof Slab	7	10-Jan-17	16-Jan-17	-163	0%					
MVB Substructure - ELS & Structural Works for Portion B											
MVB Substructure - Structural Works for Portion B											
SII12450	Sec II - MVB B - Construct remaining walland slab below B1/F	11	31-Dec-16*	10-Jan-17	-255	0%					
SII12560	Sec II - MVB B: Constrcut wall above capping beam and slab at G/F	28	19-Jan-17	15-Feb-17	-160	0%					
SII12520	Sec II - MVB B: Construct Capping Beam at South	19	31-Dec-16	18-Jan-17	-160	0%					
SII12500	Sec II - MVB B: Construct wall of B1/F and capping beam at East	15	31-Dec-16	14-Jan-17	-259	0%					
MVB Substructure - Other Works for Portion B											
SII12360	Sec II - MVB B: Repair Defect	10	25-Jan-17	03-Feb-17	-154	0%					
SII12120	Sec II - MVB B: seal up the openings	5	25-Jan-17	29-Jan-17	-143	0%					
SII12420	Sec II - MVB B: Waterproofing of D-wall	6	04-Feb-17	09-Feb-17	-154	0%					
SII12100	Sec III - MVB B: Remove falsework & formwork	10	15-Jan-17	24-Jan-17	-154	0%					
MVB Substructure - ELS & Structural Works for Portion C											
MVB Substructure - ELS for Portion C											
SII12380	Sec III - MVB C : Remove bulhead wall between MVB plant room and MVB South	7	21-Dec-16 A	06-Jan-17	-185	56.25%					
MVB Substructure - Structural Works for Portion C											
SII12600	Sec II - MVB Plant Room : Construct fence wall above G/F slab	14	25-Feb-17	10-Mar-17	-192	0%					



Activity ID	Activity Name	Remaining Dur	Early Start	Early Finish	Total Float	Activity % Complete	2	2017			
								Jan	Feb	Mar	Apr
SII12260	Sec II - MVB Plant Room : Construct Floor Slab of G/F	11	14-Jan-17	24-Jan-17	-192	0%					
SII12580	Sec II - MVB Plant Room : Construct slab of Raised Floor	15	10-Feb-17	24-Feb-17	-192	0%					
SII12240	Sec II - MVB Plant Room : Construct Wall of B1/F	14	22-Dec-16 A	13-Jan-17	-192	15%					
SII12540	Sec II - MVB Plant Room : Construct wall of Raised Floor	16	25-Jan-17	09-Feb-17	-192	0%					
Section II A - CWB Tunnel & Slip Road Structures and Facilities											
CWB A2(2)											
CWB A2 (2) - ELS & Tunnel Structure											
CWB A2 - Other Works											
SIIA12660	Sec II A - CWB A2(2) : Backfilling from +2.0mPD to formation level	25	07-Feb-17	03-Mar-17	-229	0%					
SIIA12610	Sec II A - CWB A2(2) : Backfilling up to +2.0 mPD	14	25-Nov-16 A	13-Jan-17	-229	0%					
SIIA12630	Sec II A - CWB A2(2) : Demolition of temporary Dwall	24	14-Jan-17	06-Feb-17	-229	0%					
CWB B & A2(1)											
CWB B - ELS & Tunnel Structure											
CWB A2(1) & B - Tunnel Structure											
SIIA13900	Sec II A - CWB B: Construct Bay 7b - OHVD	15	13-Jan-17	27-Jan-17	-257	0%					
SIIA13920	Sec II A - CWB B: Construct Bay 7b - Top Slab	14	02-Feb-17	15-Feb-17	-257	0%					
SIIA13880	Sec II A - CWB B: Construct Bay 7b - Wall	19	19-Dec-16 A	18-Jan-17	-257	38.71%					
CWB A2(1) & B - Associated Facilities											
SIIA14460	Sec II A - CWB A2(1) & B : Civil Provisions - waterproofing & lay screeding	14	19-Feb-17	04-Mar-17	-231	0%					
SIIA14480	Sec II A - CWB A2(1) & B : Remove flasework & formwork	7	16-Feb-17	22-Feb-17	-257	0%					
SIIA14500	Sec II A - CWB A2(1) & B : Repair defect	7	23-Feb-17	02-Mar-17	-209	0%					
CWB C (W)											
CWB C(W) - ELS & Tunnel Structure											
CWB C(W) - Tunnel Structure											
SIIA12650	Sec II A - CWB CW: Construct Bay 1 & 2 - Internal Wall	8	09-Jan-17	16-Jan-17	-258	0%					
SIIA12700	Sec II A - CWB CW: Construct Bay 1 & 2 - OHVD	11	17-Jan-17	27-Jan-17	-258	0%					
SIIA12720	Sec II A - CWB CW: Construct Bay 1 & 2 - Roof Slab	23	03-Feb-17	25-Feb-17	-258	0%					
SIIA12640	Sec II A - CWB CW: Construct Bay 1 & 2 - Southern Wall	8	09-Jan-17	16-Jan-17	-257	0%					
SIIA12460	Sec II A - CWB CW: Construct Bay 2b - B1/F slab	14	23-Jan-17	05-Feb-17	-111	0%					
SIIA12520	Sec II A - CWB CW: Construct Bay 2b - G/F roof slab	7	13-Feb-17	19-Feb-17	-118	0%					
SIIA12430	Sec II A - CWB CW: Construct Bay 2b - Saw cut D-wall at B1/F	14	09-Jan-17	22-Jan-17	-118	0%					
SIIA12480	Sec II A - CWB CW: Construct Bay 2b - Saw cut D-wall at G/F	21	23-Jan-17	12-Feb-17	-118	0%					
SIIA12180	Sec II A - CWB CW: Construct Raking Struts	4	23-Dec-16 A	03-Jan-17	-258	50%					
SIIA12200	Sec II A - CWB CW: Remove walling/strut/comcrete packing	5	04-Jan-17	08-Jan-17	-258	0%					
CWB C(W) - Associated Facilities											
SIIA14220	Sec II A - CWB CW: Remove flasework & formwork	7	26-Feb-17	04-Mar-17	-258	0%					
SIIA14240	Ssec II A - CWB CW: Repair defect	7	26-Feb-17	04-Mar-17	-258	0%					
CWB C (E)											
CWB C(E) - ELS & Tunnel Structure											
CWB C(E) - Tunnel Structure											

Activity ID	Activity Name	Remaining Dur	Early Start	Early Finish	Total Float	Activity % Complete	2	2017			
								Jan	Feb	Mar	Apr
SIIA13455	Sec II A - CWB CE: Construct Bay 3 - Roof Slab	11	17-Jan-17	27-Jan-17	-240	0%		<div></div>			
SIIA13444	Sec II A - CWB CE: Remove concrete wall between C1 and zone CE (Bay 3)	6	11-Jan-17*	16-Jan-17	-240	0%		<div></div>			
CWB C(E) - Other Works											
SIIA13325	Sec II A - CWB CE: backfill to +4.0mPD	45	11-Feb-17	27-Mar-17	-154	0%			<div></div>	<div></div>	
SIIA13300	Sec II A - CWB CE: Remove flasework and formwork	8	28-Jan-17	04-Feb-17	-240	0%		<div></div>			
SIIA13310	Sec IIA - CWB CE: Repair defect	8	06-Feb-17	14-Feb-17	-195	0%			<div></div>		
SIIA13316	Ssec IIA - CWB CE: Waterproofing of D-wall	5	15-Feb-17	20-Feb-17	-195	0%			<div></div>		
CWB C(E) - Associated Facilities											
SIIA14272	Sec II A - CWB CE: Civil Provisions - lay screeding and waterproofing	14	28-Jan-17	10-Feb-17	-154	0%		<div></div>			
CWB C - Exhaust Duct											
CWB C - Exhaust Duct Structural Work											
SIIA12936	Sec II A - Exhaust Duct at Slip Rd 3: Demolish bulkhead between MVB south and exhaust duct	18	15-Jan-17	01-Feb-17	-259	0%		<div></div>			
SIIA12938	Sec II A - Exhaust Duct at Slip Rd3: Construt Bay 1 - base slab	8	02-Feb-17	09-Feb-17	-259	0%			<div></div>		
SIIA13480	Sec II A - Exhaust Duct at Slip Rd3: Construt Bay 1 - roof slab	8	19-Feb-17	26-Feb-17	-259	0%				<div></div>	
SIIA12940	Sec II A - Exhaust Duct at Slip Rd3: Construt Bay 1 - wall	9	10-Feb-17	18-Feb-17	-259	0%			<div></div>		
CWB C - Exhaust Duct Others											
SIIA12950	Sec II A - Exhaust Duct at Slip Rd3: dismantle formwork / falsework	12	27-Feb-17	10-Mar-17	-259	0%				<div></div>	
CWB D - Slip Road 1											
CWB D - Slip Road 1 - ELS & Tunnel Structure											
CWB D - Slip Road 1 - ELS											
CWB D - SR1 - ELS - Bay 1 & 2											
SIIA 12584	Sec II A - CWB SR1 Concrete Plug: Remove concrete bulkhead	14	02-Feb-17	15-Feb-17	-249	0%			<div></div>		
CWB D - Slip Road 1 - Tunnel Structure											
SIIA13060	Sec II A - CWB SR1: Construct Bay 1a - Base Slab (adjacent to C4 unit)	17	11-Jan-17	27-Jan-17	-249	0%		<div></div>			
SIIA13080	Sec II A - CWB SR1: Construct Bay 1a - Roof Slab (adjacen to C4 unit)	13	16-Feb-17	28-Feb-17	-249	0%			<div></div>		
SIIA13055	Sec II A - CWB SR1: Trimming and post drill to Bay 1a base slab	11	31-Dec-16	10-Jan-17	-249	0%		<div></div>			
CWB D - Associated Facilities											
SIIA13940	Sec II A - CWB SR1 : Repair Defect	7	08-Jan-17	14-Jan-17	-209	0%		<div></div>			
SIIA13980	Sec II A - CWB SR1 : Waterproofing of D-wall	5	15-Jan-17	19-Jan-17	-209	0%			<div></div>		
SIIA12580	Sec II A - CWB SR1: Civil Provisions - Waterproofing & lay screeding	14	09-Jan-17	22-Jan-17	-212	0%		<div></div>			
SIIA13560	Sec II A - CWB SR1: Remove falsework and formwork	7	01-Jan-17	07-Jan-17	-209	0%		<div></div>			
CWB D - Slip Road 1 - Trough / Retaining Wall											
CWB D - Slip Road 1 - Trough/Retaining Wall Temp Work & ELS											
SIIA13320	Sec II A - CWB SR1 Trough & RW: Remedial works for Blinding layer (Trough Bay 1)	10	10-Jan-17	19-Jan-17	-271	0%		<div></div>			
SIIA13780	Sec II A - CWB SR1 Trough & RW: Remedial works for Blinding layer (Trough Bay 2)	5	05-Jan-17	09-Jan-17	-271	0%		<div></div>			
SIIA14000	Sec II A - CWB SR1 Trough & RW: Remedial works for Blinding layer (Trough Bay 3)	5	14-Dec-16 A	04-Jan-17	-271	75%		<div></div>			
SIIA14080	Sec II A - CWB SR1 Trough & RW: Retaining Wall - Cast Blinding Layer	2	15-Jan-17	16-Jan-17	-263	0%			<div></div>		
SIIA14060	Sec II A - CWB SR1 Trough & RW: Retaining Wall - Excavation	7	08-Jan-17*	14-Jan-17	-263	0%		<div></div>			
CWB D - Slip Road 1 - Trough/Retaining Wall Structure											
SIIA13800	Sec II A - CWB SR1 Trough & RW: Retaining Walls RW3 (bay 1)	19	17-Jan-17	04-Feb-17	-263	0%		<div></div>			

Activity ID	Activity Name	Remaining Dur	Early Start	Early Finish	Total Float	Activity % Complete	2	2017			
								Jan	Feb	Mar	Apr
SIIA13820	Sec II A - CWB SR1 Trough & RW: Retaining Walls RW3 (bay 2&3)	18	25-Jan-17	11-Feb-17	-263	0%					
SIIA13860	Sec II A - CWB SR1 Trough & RW: Retaining Walls RW4 (bay 1)	19	17-Jan-17	04-Feb-17	-256	0%					
SIIA12800	Sec II A - CWB SR1 Trough & RW: Trough Structure - Base Slab & Wall (bay 1)	31	20-Jan-17	19-Feb-17	-271	0%					
SIIA13740	Sec II A - CWB SR1 Trough & RW: Trough Structure - Base Slab & Wall (bay 3)	19	05-Jan-17	23-Jan-17	-244	0%					
SIIA13720	Sec II A - CWB SR1 Trough & RW: Trough Structure -Base Slab & Wall (bay 2)	31	10-Jan-17	09-Feb-17	-261	0%					
CWB D - Slip Road 1 - Trough/ Retaining Wall Other Works											
SIIA13845	Sec II A - CWB SR1: Waterproofing & lay screeding	14	20-Feb-17	05-Mar-17	-271	0%					
Section III A - Road A2, A4, A5, Area 11; Implement 2nd Stage ITA											
Roadwork & Utilities at CRIII/ A1											
SIIIA10260	Sec III A - roadwork and utilities (Zone A1) - Backfill to pavement founding level	42	06-Jan-17	28-Feb-17	-188	0%					
Roadwork & Utilities at B											
SIIIA10840	Sec III A - roadwork and utilities (Zone B) - Backfill to pavement founding level	40	28-Feb-17	19-Apr-17	-188	0%					
Box Culvert L1 & FRP-L - Bay 8											
Box Culvert L1 & FRP-L - Bay 8 Structure											
CUL11323	Culvert L - Bay 8 - construct base slab (Portion 1)	14	31-Dec-16	13-Jan-17	-259	0%					
CUL11324	Culvert L - Bay 8 - construct base slab (Portion 2)	9	14-Jan-17	22-Jan-17	-259	0%					
CUL11326	Culvert L - Bay 8 - construct wall	14	23-Jan-17	05-Feb-17	-259	0%					
CUL11328	Culvert L - bay 8 - construt top slab	11	17-Feb-17	27-Feb-17	-259	0%					
CUL11327	Culvert L - Bay 8 - Dismantle formwork & Remove sheet pipe	11	06-Feb-17	16-Feb-17	-259	0%					
Box Culvert L1 & FRP-L - Bay 8 Others											
CUL11340	Culvert L - bay 8 - backfill above box section	12	28-Feb-17	13-Mar-17	-211	0%					
Section VI D - Area 8B & 10											
WDII Box 1 Construction											
WDII Box 1 Remaining Structure											
WD-C6090	Sec VID - Remaining of Box I: Blasting tank at wall 12, 15 & 16	23	02-Feb-17	28-Feb-17	-237	0%					
WD-C6040	Sec VID - Remaining of Box I: Construct lower part BHW, Wall 12, 15 and 16	10	12-Dec-16 A	09-Jan-17	-290	62.96%					
WD-C6060	Sec VID - Remaining of Box I: Construct Upper part BHW, Wall 12, 15 and 16	17	10-Jan-17	26-Jan-17	-290	0%					
WD-C6080	Sec VID - Remaining of Box I: Construct Wall 13(23m run)	37	10-Jan-17	15-Feb-17	-278	0%					
WD-C6075	Sec VID -Remaining of Box I: Extension of sacarfical wall (2.3m)	37	27-Jan-17	04-Mar-17	-281	0%					
Section IV - Slip Road 3											
Roadwork & Utilities (Lung King Street)											
SIV11060	Sec IV - Stage 3: Roadwork & Utilities	23	11-Nov-16 A	27-Jan-17	-79	0%					
Section VII - Remainder Works											
Retaining Wall RW5 Construction											
SVII10660	Sec VII - Retaining Wall RW5 (bay 1) - construct base slab and wall	18	03-Feb-17*	23-Feb-17	-24	0%					
SVII10680	Sec VII - Retaining wall RW5 (bay 2) - construct base slab and wall	18	24-Feb-17	16-Mar-17	-24	0%					
SVII10800	Sec VII - Retaining wall RW5 (bay 3) - construct base slab and wall	18	03-Feb-17	23-Feb-17	-24	0%					
SVII10820	Sec VII - Retaining wall RW5 (bay 4) - construct base slab and wall	18	24-Feb-17	16-Mar-17	-24	0%					
Landing Steps Construction											
Landing Steps BSW13											



Activity ID	Activity Name	Remaining Dur	Early Start	Early Finish	Total Float	Activity % Complete	2	2017			
								Jan	Feb	Mar	Apr
SVII10700	Sec VII - Landing steps (BSW13) - construct mass concrete coping	26	09-Feb-17*	10-Mar-17	-27	0%					
Landing Steps BSW4											
SVII10940	Sec VII - Landing steps (BSW4) - construct mass concrete coping	26	09-Feb-17	10-Mar-17	-27	0%					
Landing Steps BSW5											
SVII11020	Sec VII - Landing steps (BSW5) - construct mass concrete coping	26	09-Feb-17	10-Mar-17	-23	0%					
Landing Steps BSW9											
SVII11100	Sec VII - Landing steps (BSW9) - construct mass concrete coping	24	09-Feb-17*	08-Mar-17	-20	0%					
Promenade Seawall Parapet Construction											
SVII10400	Sec VII - construct block seawall mass concrete coping & backfill to pavement formation	60	06-Feb-17*	20-Apr-17	-12	0%					
Section VIII - Landscape Softworks											
Soft Landscaping Works											
SVIII10040	Sec VIII - Trees Planting	64	31-Dec-16	21-Mar-17	-57	0%					
Section X - Protection & Preservation of Trees											
Soft Landscaping Works											
SX10020	Sec X - Protection & Preservation of Trees	265	31-Jan-13 A	21-Sep-17	-52	83.76%					
VO : Construction of Box 4A & 4B											
Box 4A											
4A10000	Concrete Fill with 300 dia. carrier drain (Approx. 50m)	10	05-Jan-17*	14-Jan-17	-217	0%					
4A10020	Internal Suspended Slab & Internal Wall	13	15-Jan-17	27-Jan-17	-217	0%					
Box 4B											
4B10000	Concrete Fill with 300 dia. carrier drain (Approx. 50m)	10	05-Jan-17	14-Jan-17	-205	0%					
4B10010	Internal Suspended Slab & Internal Wall	13	15-Jan-17	27-Jan-17	-217	0%					

MU74				CWB - MU74 Programme Layout										07-Dec-16 11:40															
Activity ID	Activity Name	Physical %	Original Duration	Start	Finish	Total Float	2016												2017										
							Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb								
HY/2009/15 - Works Programme Update 20 November 2016																													
Stage and Section Completion																													
KD_5745	KD10 - Completion of Section 5, (1863d)	100%	0d		25-Mar-16 A					◆ KD10 - Completion of Section 5, (1863d)																			
KD_5750	KD11 - Completion of Section 6, (1949d)	100%	0d		29-Nov-16 A													◆ KD11 - Completion of Section 6, (1949d)											
KD_5740	KD9 - Completion of Section 4, (1739d)	100%	0d		30-Sep-16 A											◆ KD9 - Completion of Section 4, (1739d)													
TPCWAW																													
TPCWAW ELS Works - East Section																													
S5_61070	Demolition of bulkhead wall TPCWAE/TPCWAW	100%	34d	06-Dec-15 A	09-Jan-16 A		<div></div>	Demolition of bulkhead wall TPCWAE/TPCWAW																					
S6_6180	East excavation to formation	100%	85d	18-Sep-15 A	24-Dec-15 A		<div></div>	East excavation to formation																					
TPCWAW- CCT RC Structure, Base Slab																													
S5_60600	Waterproofing + Base slab Bay 1 (incl. removal of 7th layer struts after casting of base slab)	100%	15d	03-Dec-15 A	23-Dec-15 A		<div></div>	Waterproofing + Base slab Bay 1 (incl. removal of 7th layer struts after casting of base slab)																					
S5_60620	Waterproofing + Base slab Bay 5	100%	11d	05-Dec-15 A	29-Dec-15 A		<div></div>	Waterproofing + Base slab Bay 5																					
S5_60625	Waterproofing + Base slab Bay 6	100%	11d	16-Dec-15 A	19-Jan-16 A		<div></div>	Waterproofing + Base slab Bay 6																					
S5_60630	Waterproofing + Base slab Bay 7	100%	7d	07-Jan-16 A	05-Feb-16 A			<div></div>	Waterproofing + Base slab Bay 7																				
S5_60635	Waterproofing + Base slab Bay 8	100%	6d	12-Jan-16 A	05-Feb-16 A			<div></div>	Waterproofing + Base slab Bay 8																				
S5_61065	Waterproofing + Base slab Bay 9 (stitching with TPCWAE)	100%	6d	15-Jan-16 A	05-Feb-16 A			<div></div>	Waterproofing + Base slab Bay 9 (stitching with TPCWAE)																				
TPCWAW- CCT RC Structure, Wall																													
S5_60670	Wall Bay 1 (+ repropping and removal of 5th & 6th struts)	100%	21d	15-Dec-15 A	10-Jan-16 A		<div></div>	Wall Bay 1 (+ repropping and removal of 5th & 6th struts)																					
S5_60675	Wall Bay 2 (+ repropping and removal of 5th & 6th struts)	100%	10d	10-Dec-15 A	05-Jan-16 A		<div></div>	Wall Bay 2 (+ repropping and removal of 5th & 6th struts)																					
S5_60680	Wall Bay 3 (+ repropping and removal of 5th & 6th struts)	100%	21d	10-Dec-15 A	07-Jan-16 A		<div></div>	Wall Bay 3 (+ repropping and removal of 5th & 6th struts)																					
S5_60685	Wall Bay 4 (+ repropping and removal of 5th & 6th struts)	100%	22d	20-Dec-15 A	11-Jan-16 A		<div></div>	Wall Bay 4 (+ repropping and removal of 5th & 6th struts)																					
S5_60690	Wall Bay 5 (+ removal of 5th strut)	100%	10d	02-Jan-16 A	29-Jan-16 A		<div></div>	Wall Bay 5 (+ removal of 5th strut)																					
S5_60695	Wall Bay 6 (+ removal of 5th strut)	100%	7d	21-Jan-16 A	25-Feb-16 A			<div></div>	Wall Bay 6 (+ removal of 5th strut)																				
S5_60700	Wall Bay 7 (+ removal of 5th strut)	100%	8d	16-Feb-16 A	25-Feb-16 A				<div></div>	Wall Bay 7 (+ removal of 5th strut)																			
S5_60705	Wall Bay 8 (+ removal of 5th strut)	100%	9d	16-Feb-16 A	25-Feb-16 A				<div></div>	Wall Bay 8 (+ removal of 5th strut)																			
S5_61075	Wall Bay 9 (+ removal of 5th strut)	100%	8d	16-Feb-16 A	25-Feb-16 A				<div></div>	Wall Bay 9 (+ removal of 5th strut)																			
TPCWAW -Maintenance Walkway																													
S6_9085	TPCWAW - Maintenance walkway / profile barrier	100%	23d	20-Dec-15 A	23-Mar-16 A		<div></div>	TPCWAW - Maintenance walkway / profile barrier																					
TPCWAW- CCT RC Structure, OHVD																													
S5_60740	OHVD Bay 1	100%	12d	29-Dec-15 A	21-Jan-16 A		<div></div>	OHVD Bay 1																					
S5_61100	OHVD Bay 10	100%	7d	16-Feb-16 A	26-Feb-16 A			<div></div>	OHVD Bay 10																				
S5_60745	OHVD Bay 2	100%	12d	31-Dec-15 A	18-Jan-16 A		<div></div>	OHVD Bay 2																					
S5_60750	OHVD Bay 3	100%	12d	02-Jan-16 A	18-Jan-16 A		<div></div>	OHVD Bay 3																					
S5_60755	OHVD Bay 4	100%	12d	24-Dec-15 A	25-Jan-16 A		<div></div>	OHVD Bay 4																					
S5_60760	OHVD Bay 5	100%	12d	06-Jan-16 A	25-Jan-16 A		<div></div>	OHVD Bay 5																					

Remaining Work

Actual Work

◆

 Remaining Work

◆

 Critical Remaining Work

◆

 Milestone

Summary

◆

 Actual Work

1 of 2

China State Construction Engineering (Hong Kong) Ltd.

Contract No. HY/2009/15 - Central Wan Chai By Pass - Tunnel (Causeway Bay Typhoon Shelter Section)

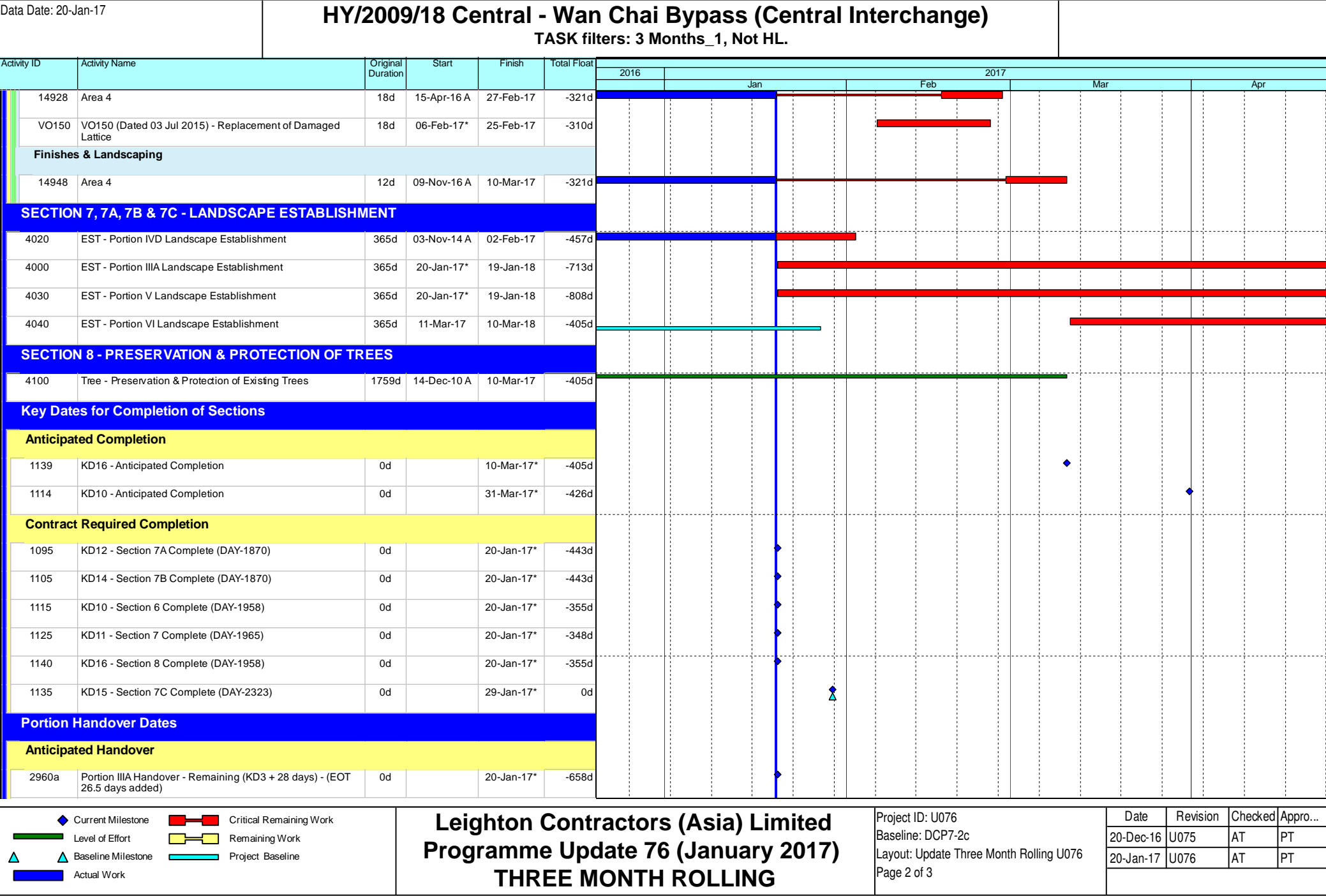
WORKS PROGRAMME UPDATE

Prepared by Anthony Fesalbon

Approved

W.S.L

Activity ID	Activity Name	Physical %	Original Duration	Start	Finish	Total Float	2016												2017			
							Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	
S5_61080	OHVD Bay 6	100%	9d	20-Jan-16 A	16-Feb-16 A			<div></div>	OHVD Bay 6													
S5_61085	OHVD Bay 7	100%	9d	12-Feb-16 A	28-Feb-16 A			<div></div>	OHVD Bay 7													
S5_61090	OHVD Bay 8	100%	9d	16-Feb-16 A	28-Feb-16 A			<div></div>	OHVD Bay 8													
S5_61095	OHVD Bay 9	100%	9d	12-Feb-16 A	28-Feb-16 A			<div></div>	OHVD Bay 9													
S5_61110	Shaft B Reinstatement - OHVD	100%	20d	20-Feb-16 A	22-Apr-16 A			<div></div>	Shaft B Reinstatement - OHVD													
TPCWAW- CCT RC Structure, Top Slab + Waterproofing																						
S6_9135	Completion of Section 5 - TPCWAW Area (KD10), below -20mPD	100%	0d		09-Mar-16 A			<div></div>	Completion of Section 5 - TPCWAW Area (KD10), below -20mPD													
S5_61120	Provide access to CWB (CC) Contractor - TPCWAW Area	100%	0d		29-Feb-16 A			<div></div>	Provide access to CWB (CC) Contractor - TPCWAW Area													
S6_9055	Provide Access to WDII Contractor for bulkhead wall removal	100%	0d		29-Feb-16 A			<div></div>	Provide Access to WDII Contractor for bulkhead wall removal													
S5_61105	Shaft B Reinstatement - Top Slab	100%	15d	14-Feb-16 A	29-Feb-16 A			<div></div>	Shaft B Reinstatement - Top Slab													
S5_60810	Top slab Bay 1	100%	11d	19-Jan-16 A	23-Feb-16 A			<div></div>	Top slab Bay 1													
S5_60875	Top slab Bay 10	100%	5d	20-Feb-16 A	09-Mar-16 A			<div></div>	Top slab Bay 10													
S5_60815	Top slab Bay 2	100%	10d	08-Jan-16 A	02-Feb-16 A			<div></div>	Top slab Bay 2													
S5_60820	Top slab Bay 3	100%	10d	11-Jan-16 A	16-Feb-16 A			<div></div>	Top slab Bay 3													
S5_60825	Top slab Bay 4	100%	11d	19-Jan-16 A	24-Feb-16 A			<div></div>	Top slab Bay 4													
S5_60830	Top slab Bay 5	100%	10d	19-Feb-16 A	29-Feb-16 A			<div></div>	Top slab Bay 5													
S5_60835	Top slab Bay 6	100%	12d	20-Feb-16 A	02-Mar-16 A			<div></div>	Top slab Bay 6													
S5_60840	Top slab Bay 7	100%	7d	20-Feb-16 A	05-Mar-16 A			<div></div>	Top slab Bay 7													
S5_60845	Top slab Bay 8	100%	16d	20-Feb-16 A	05-Mar-16 A			<div></div>	Top slab Bay 8													
S5_60865	Top slab Bay 9	100%	15d	20-Feb-16 A	07-Mar-16 A			<div></div>	Top slab Bay 9													
TPCWAW - King Post Load Transfer / Waterproofing on Top Slab																						
S5_61115	TPCWAW waterproofing - Bay 10	100%	2d	09-Mar-16 A	10-Mar-16 A			<div></div>	TPCWAW waterproofing - Bay 10													
S6_9076	TPCWAW King post load transfer + waterproofing (except Bay 10)	100%	26d	04-Mar-16 A	29-Mar-16 A			<div></div>	TPCWAW King post load transfer + waterproofing (except Bay 10)													
TPCWAW Removal of Temporary Reclamation																						
S6_9140	Backfilling/Removal of ELS + Re charge water	100%	25d	30-Mar-16 A	04-Jul-16 A			<div></div>	Backfilling/Removal of ELS + Re charge water													
S6_7550	Completion of Section 6- (KD11), above - 20mPD	100%	0d		01-Nov-16 A			<div></div>	Completion of Section 6- (KD11), above - 20mPD													
S6_9105	Remove general fill/ seawall block (concurrent activities)	100%	25d	28-May-16 A	01-Nov-16 A			<div></div>	Remove general fill/ seawall block (concurrent activities)													
S6_9120	Saw cut diaphragm wall	100%	75d	20-Jul-16 A	29-Nov-16 A			<div></div>	Saw cut diaphragm wall													
Works in Portion 11 under KD9 (incl. Reinstatement of Vertical Seawall)																						
S6_9148	Completion of KD9- Works in Portion 11	100%	0d		29-Nov-16 A			<div></div>	Completion of KD9- Works in Portion 11													
S6_9147	Reinstate ground level at Portion 11	100%	40d	26-Jul-16 A	07-Oct-16 A			<div></div>	Reinstate ground level at Portion 11													
S6_9144	Reinstate vertical seawall (by marine plant)	100%	21d	23-Jul-16 A	07-Oct-16 A			<div></div>	Reinstate vertical seawall (by marine plant)													



Data Date: 20-Jan-17		HY/2009/18 Central - Wan Chai Bypass (Central Interchange)																	
		TASK filters: 3 Months_1, Not HL.																	
Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2016	2017												
							Jan			Feb			Mar			Apr			
Contract Required Handover																			
3096	Portion VI Handover (KD10 + 28 days)	0d		20-Jan-17*	-327d														

Activity ID	Activity Name	Rem Dur	Start	Finish	20162017															
					December				January				February				March			
					18	25	01	08	15	22	29	05	12	19	26	05	12	19	26	
3MRP - Nov 2016 to Feb 2017																				
02 - PRE-CONSTRUCTION WORKS																				
02.3 - Method Statement / Shop Drawings																				
0230-1390	MS Landscape Deck Structure - ER Review & Comment	0	26-Oct-16 A	22-Nov-16 A	Review & Comment															
0230-1400	MS Landscape Deck Structure - Resubmission	0	23-Nov-16 A	20-Dec-16 A	MS Landscape Deck Structure - Resubmission															
0230-1410	MS Landscape Deck Structure - ER Approval	28	20-Dec-16	16-Jan-17	MS Landscape Deck Structure - ER Approval															
0240-1280	Landscaping Design - ER Review/Resubmission	28	20-Dec-16	16-Jan-17	Landscaping Design - ER Review/Resubmission															
0240-1290	Landscaping Design - ER Approval	28	07-Dec-16 A	13-Feb-17	Landscaping Design - ER Approval															
0240-1295	Landscaping Design - Fabrication & Delivery	28	14-Feb-17	13-Mar-17	Landscaping Design - Fabrication & Delivery															
0240-1298	Green Roof Minimum 2 years Establishment - Start	0	04-Jan-17		Green Roof Minimum 2 years Establishment - Start															
0240-2470	MS for for trial erection of green roof - No Adverse Comment	15	30-Oct-16 A	03-Jan-17	MS for for trial erection of green roof - No Adverse Comment															
A3210	MS for LG-BM Assembly at Pier(F8B - F9B) - ER Review / Comment	0	21-Nov-16 A	26-Nov-16 A	MS for LG-BM Assembly at Pier(F8B - F9B) - ER Review / Comment															
A3220	MS for LG-BM Assembly at Pier(F8B - F9B) - Resubmission	0	27-Nov-16 A	02-Dec-16 A	MS for LG-BM Assembly at Pier(F8B - F9B) - Resubmission															
A3230	MS for LG-BM Assembly at Pier(F8B - F9B) - No Adverse Comment	0	03-Dec-16 A	08-Dec-16 A	MS for LG-BM Assembly at Pier(F8B - F9B) - No Adverse Comment															
02.5 - Bridge Segment/Beam Off-site Precasting																				
0250-4010	Bridge F3B - Pier F8B Segment - 6 nos. (S2) - Mould 2	0	14-Nov-16 A	05-Dec-16 A	Bridge F3B - Pier F8B Segment - 6 nos. (S2) - Mould 2															
0250-4015	Bridge F2B - Pier F3B2 Segment - 5 nos. (S2) - Mould 2	4	06-Dec-16 A	23-Dec-16	Bridge F2B - Pier F3B2 Segment - 5 nos. (S2) - Mould 2															
0250-4017	Bridge F1B2 - Pier F2B2 Segment - 11 nos. (S1) - Mould 2	37	24-Dec-16	08-Feb-17	Bridge F1B2 - Pier F2B2 Segment - 11 nos. (S1) - Mould 2															
0250-4018	Bridge F1B2 - Pier F1B2 Segment - 13 nos. (S1) - Mould 2	37	09-Feb-17	23-Mar-17	Bridge F1B2 - Pier F1B2 Segment - 13 nos. (S1) - Mould 2															
0250-4040	Bridge F3B - Pier F7B Segment - 11 nos. (S1) - Mould 1	0	17-Oct-16 A	21-Nov-16 A	Bridge F3B - Pier F7B Segment - 11 nos. (S1) - Mould 1															
0250-4045	Bridge F3B - Pier F6B Segment - 13 nos. (S2) - Mould 1	13	22-Nov-16 A	04-Jan-17	Bridge F3B - Pier F6B Segment - 13 nos. (S2) - Mould 1															
0250-4050	Bridge F2B - Pier F4B Segment - 13 nos. (S1) - Mould 1	37	05-Jan-17	18-Feb-17	Bridge F2B - Pier F4B Segment - 13 nos. (S1) - Mould 1															
0250-4055	Bridge F1B2 - Abut D12 Segment - 6 nos. (S2) - Mould 1	20	20-Feb-17	14-Mar-17	Bridge F1B2 - Abut D12 Segment - 6 nos. (S2) - Mould 1															
0250-4100	Bridge F1B1 - Pier F3B1 Segment - 7 nos. (T) - Mould 3	19	02-Jan-17*	23-Jan-17	Bridge F1B1 - Pier F3B1 Segment - 7 nos. (T) - Mould 3															
0250-4110	Bridge F1B1 - Pier F2B1 Segment - 11 nos. (T) - Mould 3	28	24-Jan-17	27-Feb-17	Bridge F1B1 - Pier F2B1 Segment - 11 nos. (T) - Mould 3															
0250-4115	Bridge F1B1 - Pier F1B1 Segment - 13 nos. (T) - Mould 3	32	28-Feb-17	06-Apr-17	Bridge F1B1 - Pier F1B1 Segment - 13 nos. (T) - Mould 3															
A3160	Delivery of Segments - Bridge F3B	14	13-Jan-17	31-Jan-17	Delivery of Segments - Bridge F3B															
A3170	Delivery of Segments - Bridge F2B	18	03-Feb-17	23-Feb-17	Delivery of Segments - Bridge F2B															
05 - SECTION 2 & 2A OF THE WORKS																				
05.1 - Cut & Cover Tunnel Ch 4855-4932 (APS Footprint)																				
05.1.6 - EVB Sub-structure & Tunnel																				
05.1.6 - EVB Outstanding Works																				
0515-3099	Complete EVB Outstanding Works	0		28-Feb-17*	Complete EVB Outstanding Works															
A1960.3	Reinstate the temporary opening	3	07-Jan-17	10-Jan-17	Reinstate the temporary opening															
A1960.5	Sheet Pile Removal	5	10-Nov-16 A	24-Dec-16	Sheet Pile Removal															
A1962.3	Backfill (N46-64/S48-67) for East Vent Bldg - Stage 3	8	10-Nov-16 A	29-Dec-16	Backfill (N46-64/S48-67) for East Vent Bldg - Stage 3															
A1963	Concrete paving / Finishing surface (part 1)	15	30-Dec-16	16-Jan-17	Concrete paving / Finishing surface (part 1)															
A1963.3	Concrete paving / Finishing surface (part 2)	15	17-Jan-17	04-Feb-17	Concrete paving / Finishing surface (part 2)															

Remaining Level of Effort

Actual Level of Effort

Actual Work

Remaining Work

Critical Remaining Work

Milestone

Activity ID	Activity Name	Rem Dur	Start	Finish	2016				2017											
					December		January				February				March					
					18	25	01	08	15	22	29	05	12	19	26	05	12	19	26	
05.1.7 - EVB & Tunnel Remedial Works																				
A2270	Tunnel - APS > Rectification of Structural Concrete Defect (ST 1 & 2)	15	01-Jul-16 A	06-Jan-17	Tunnel - APS > Rectification of Structural Concrete Defect (ST 1 & 2)															
A2273	EVB - Rectification of Concrete Defects at Stairs 01 & 6	15	20-Dec-16 A	06-Jan-17	EVB - Rectification of Concrete Defects at Stairs 01 & 6															
A2275	EVB - Rectification of Concrete Defects to Plenum B1-07	12	15-Feb-17	28-Feb-17	EVB - Rectification of Concrete Defects to Plenum B1-07															
A2276	EVB - Rectification of Concrete Defects to Vent Shaft B1-18	5	09-Feb-17	14-Feb-17	EVB - Rectification of Concrete Defects to Vent Shaft B1-18															
A2277	EVB - Rectification of Concrete Defects to Plenum B1-24 & 26	10	26-Jan-17	08-Feb-17	EVB - Rectification of Concrete Defects to Plenum B1-24 & 26															
A2278	EVB - Rectification of Concrete Defects to Plenum B1-23	6	19-Jan-17	25-Jan-17	EVB - Rectification of Concrete Defects to Plenum B1-23															
A2279	EVB - Rectification of Concrete Defects to GL A-E/3-5	7	11-Jan-17	18-Jan-17	EVB - Rectification of Concrete Defects to GL A-E/3-5															
A2313	EVB - (South Side) > Make Good D-wall surface (GL 6/E-F)	12	14-Nov-16 A	03-Jan-17	EVB - (South Side) > Make Good D-wall surface (GL 6/E-F)															
A2314	EVB - (South Side) > Make Good D-wall surface (GL 6/M-O)	9	04-Jan-17	13-Jan-17	EVB - (South Side) > Make Good D-wall surface (GL 6/M-O)															
A2315	EVB - (North Side) > Make Good D-wall surface (GL 2/E-F)	14	14-Jan-17	01-Feb-17	EVB - (North Side) > Make Good D-wall surface (GL 2/E-F)															
A2315.5	EVB - (North Side) > Make Good D-wall surface (GL 2/E-F)	14	06-Feb-17	21-Feb-17	EVB - (North Side) > Make Good D-wall surface (GL 2/E-F)															
A2316	EVB - (West Side) > Make Good D-wall surface (GL A/4-6)	2	22-Feb-17	23-Feb-17	EVB - (West Side) > Make Good D-wall surface (GL A/4-6)															
A4110	EVB - (South Side) > Water Leakage Injection (GL 6/A-D)	6	20-Dec-16	27-Dec-16	EVB - (South Side) > Water Leakage Injection (GL 6/A-D)															
A4120	EVB - (South Side) > Water Leakage Injection (GL 6N-O)	4	04-Jan-17	07-Jan-17	EVB - (South Side) > Water Leakage Injection (GL 6N-O)															
09 - SECTION 6 OF THE WORKS																				
09.1 - Carparks for Harbour Grand Hong Kong																				
Hoarding (Additional Hoarding requested by HGHK)																				
A4090	Demolition of Add'l Hoarding	9	24-Dec-16	04-Jan-17	Demolition of Add'l Hoarding															
HGHK Reprovision																				
Design, Submission, Material Approval																				
Revised Boundary Wall																				
A3680	A&A Submission (for Stage 2 only; Stage 1 previously app'd)	4	26-Oct-16 A	23-Dec-16	A&A Submission (for Stage 2 only; Stage 1 previously app'd)															
A3690	BA8 + Supervision Plan (Wall) (for Stage 2 only; Stage 1 previously app'd)	24	24-Dec-16	21-Jan-17	BA8 + Supervision Plan (Wall) (for Stage 2 only; Stage 1 previously app'd)															
A3700	BA10 (Wall)	0	23-Jan-17		BA10 (Wall)															
A3710	BA14 (Wall)	0		21-Feb-17	BA14 (Wall)															
A3720	Prepare Tiling Layout	0	03-Oct-16 A	17-Oct-16 A																
A3730	Confirm Tiling Layout by (AECOM)	0		17-Oct-16 A																
Material Approval and Procurement																				
A3740	Floor Tile Approval	0	05-Jul-16 A	30-Aug-16 A																
A3750	Floor Tile Procurement & Delivery	13	18-Oct-16 A	04-Jan-17	Floor Tile Procurement & Delivery															
A3760	Wall Tile Procurement & Delivery	2	18-Oct-16 A	21-Dec-16	Wall Tile Procurement & Delivery															
Construction																				
Stage 1 Construction (Below IEC W/B)																				
A3870	Screeding + Floor + Mix	6	20-Dec-16	27-Dec-16	Screeding + Floor + Mix															
A3880	Tiling (Stage 1)	26	05-Jan-17	06-Feb-17	Tiling (Stage 1)															
Stage 2 Construction (Below IEC E/B)																				
A3890	Demolition (Advance Works prior to Bridge Demolition) - General Clearance	4	15-Dec-16 A	23-Dec-16	Demolition (Advance Works prior to Bridge Demolition) - General Clearance															

Remaining Level of Effort

Actual Level of Effort

Actual Work

Remaining Work

Critical Remaining Work

Milestone

Activity ID		Activity Name	Rem Dur	Start	Finish	2016		2017												
						per		January					February				March			
						18	25	01	08	15	22	29	05	12	19	26	05	12	19	26
	A3900	3000H Feature Wall (RC)	12	05-Jan-17	18-Jan-17															
	A3910	1800H Boundary Wall (RC)	18	23-Jan-17	14-Feb-17															
	A3920	E&M Manhole Construction	12	01-Feb-17	14-Feb-17															
	A3930	Waterpipe Installation	6	08-Feb-17	14-Feb-17															
	A3940	Slab Construction	6	15-Feb-17	21-Feb-17															
	A3950	Screeding + Floor + Mix	6	22-Feb-17	28-Feb-17															
	A3960	Tiling (Stage 2)	24	01-Mar-17	28-Mar-17															
Alfresco Cafe Area (outside works boundary)																				
Trial Pit (confirmed)																				
	A4010	Trial Pit Excavation (Hand Dig) - 6 Nos Loc (incl: rem tiles, excav)	15	17-Dec-16 A	06-Jan-17															
	A4020	Utility Identification	14	19-Dec-16 A	09-Jan-17															
	A4030	Reinstatement (backfilling)	14	23-Dec-16	09-Jan-17															
Reprovision (confirmed)																				
	A4060	Material Procurement & Delivery	52	19-Dec-16 A	21-Feb-17															
	A4070	Demolition (rem tiles)	8	10-Jan-17	18-Jan-17															
	A4080	Construction	35	22-Feb-17	03-Apr-17															
10 - SECTION X OF THE WORKS																				
10.2 - W/B Bridges (Bridge C and F)																				
10.2.3 - Bridge Construction																				
Bridge C1																				
	A4170	Bridge C1 & E - Construct Parapet - Rebar Fixing, Cast-in Items & Fwk (P19-P20)	9	07-Dec-16 A	30-Dec-16															
	A4180	Bridge C1 & E - Construct Central Median - Rebar Fixing & Fwk (P19-P16)	12	15-Dec-16 A	03-Jan-17															
	A4190	Bridge C1 & E - Construct Parapet (Outer & Inner) - Rebar Fixing & Fwk (E3-D1)	14	23-Dec-16	09-Jan-17															
	A4200	Bridge C1 & E - Construct Parapet - Cast Concrete & Remove Fwk (P19-P20)	6	31-Dec-16	06-Jan-17															
	A4210	Bridge C1 & E - Construct Central Median - Cast Concrete & Remove Fwk (P19-P16)	9	07-Jan-17	17-Jan-17															
	A4220	Bridge C1 & E - Construct Parapet (Outer & Inner) - Cast Concrete & Remove Fwk (E3-D1)	12	18-Jan-17	02-Feb-17															
	A4230	Bridge C1 & E - Construct Single Noise Barrier (P19-20) > Main Post / Frame	18	10-Jan-17	01-Feb-17															
	A4240	Bridge C1 & E - Construct Single Noise Barrier (P19-20) > Panels	14	02-Feb-17	17-Feb-17															
All W/B Bridges (Common)																				
	A4130	Outstanding Noise panels & Capping Plate to Noise Enclosure	10	31-Oct-16 A	31-Dec-16															
10.3 - Middle Bridge (Bridge F)																				
10.3.1 - Pier Construction																				
Pier F5B to F8B																				
	1031-1680	Existing P42/F7B Prepare C.J.	6	15-Feb-17	21-Feb-17															
	1031-1700	Existing P42/F7B Construct Pier/Column	14	22-Feb-17	09-Mar-17															
	1031-1720	Existing P42/F7B Construct Crosshead	18	10-Mar-17	30-Mar-17															
	1031-1740	Bearing Installation P42/F7B	4	31-Mar-17	04-Apr-17															
	1031-1760	Existing P43/F8B Prepare C.J.	6	01-Feb-17	07-Feb-17															

- Remaining Level of Effort
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10412-2380	Demolish Temp. E/B Bridge - Crosshead & Pier > 20	9	14-Feb-17	23-Feb-17																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					</

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Activity ID	Activity Name	Rem Dur	Start	Finish	2016		2017																		
					December		January				February				March										
					18	25	01	08	15	22	29	05	12	19	26	05	12	19	26						
1061-5160	Ch 5234 - 5285 > Excav from Ex. Lvl down to 2.5mPD	15	11-Jan-17	27-Jan-17			Ch 5234 - 5285 > Excav from Ex. Lvl down to 2.5mPD																		
	1061-5180	Ch 5234 - 5285 > Install 1st Layer of Strut & Waling	9	31-Jan-17			09-Feb-17			Ch 5234 - 5285 > Install 1st Layer of Strut & Waling															
	1061-5200	Ch 5234 - 5285 > Excav from 2.5mPD to 1m Below 2nd Layer of Struts	16	16-Feb-17			06-Mar-17			Ch 5234 - 5285 > Excav from 2.5mPD to 1m Below 2nd Layer of Struts															
	1061-5220	Ch 5234 - 5285 > Install 2nd Layer of Strut & Waling	9	07-Mar-17			16-Mar-17			Ch 5234 - 5285 > Install 2nd Layer of Strut & Waling															
	1061-5240	Ch 5234 - 5285 > Excav to FEL	13	17-Mar-17			31-Mar-17			Ch 5234 - 5285 > Excav to FEL															
Structure Works																									
1061-5260	Bay 1 - Ch 5322 - 5331 > Base Slab - Blinding Layer	1	07-Mar-17	07-Mar-17			Bay 1 - Ch 5322 - 5331 > Base Slab - Blinding Layer																		
1061-5280	Bay 1 - Ch 5322 - 5331 > Base Slab - Water Proofing Membrane	2	08-Mar-17	09-Mar-17			Bay 1 - Ch 5322 - 5331 > Base Slab - Water Proofing Membrane																		
1061-5300	Bay 1 - Ch 5322 - 5331 > Base Slab - Rebar Fixing	5	10-Mar-17	15-Mar-17			Bay 1 - Ch 5322 - 5331 > Base Slab - Rebar Fixing																		
1061-5320	Bay 1 - Ch 5322 - 5331 > Base Slab - Erect Formworks	4	16-Mar-17	20-Mar-17			Bay 1 - Ch 5322 - 5331 > Base Slab - Erect Formworks																		
1061-5340	Bay 1 - Ch 5322 - 5331 > Base Slab - Concreting	1	21-Mar-17	21-Mar-17			Bay 1 - Ch 5322 - 5331 > Base Slab - Concreting																		
10.7 - Section X - Miscellaneous Works																									
10.7.3 - Open Area																									
1073-1010	Open Area - Pedestrian Parapet -Ch570.40 to Ch540.00	14	17-Feb-17*	04-Mar-17			Open Area - Pedestrian Parapet -Ch570.40 to Ch540.00																		
1073-1010.3	Open Area - Pedestrian Parapet - Ch540.00 to Ch520.00	14	06-Mar-17	21-Mar-17	Open Area - Pedestrian Parapet - Ch540.00 to Ch520.00																				
11 - SECTION 11 OF THE WORKS																									
11.1 - Portion XIIA - Stage 1																									
11.1.1 - Along Watson Road - Waterwork & Roadworks (Portion XIIA)																									
1110-2820	Permanent Cul-de Sac - Constr. of drainage	25	06-Feb-17*	06-Mar-17			Permanent Cul-de Sac - Constr. of drainage																		
1110-2830	Permanent Cul-de Sac - Constr. of watermains	25	17-Feb-17	17-Mar-17	Permanent Cul-de Sac - Constr. of watermains																				
1110-2840	Permanent Cul-de Sac - Constr. of public lighting & telecom (conduits & drawpits)	25	01-Mar-17	29-Mar-17	Permanent Cul-de Sac - Constr. of public lighting & telecom (conduits & drawpits)																				

- Remaining Level of Effort
- Actual Level of Effort
- Actual Work
- Remaining Work
- Critical Remaining Work
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 Milestone
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 Milestone

SR8_DWP_R07-MU45

SR8 - Layout for 3MRP_2106_12

Appendix C.5

Activity ID	Activity Name	Original Duration	Start	Finish	2016												2017											
					Dec						Jan						Feb						Mar					
Total		1791d	21-Mar-13 A	14-Dec-17																								
DWP-07 (5) - Update Progress As of 20 Dec 16		1791d	21-Mar-13 A	14-Dec-17																								
Works in KD7		137d	03-Oct-16 A	24-Mar-17																								
Works in TS3-West		137d	03-Oct-16 A	24-Mar-17																								
Tunnel Structure		137d	03-Oct-16 A	24-Mar-17																								
TS3W CCT Structure (Mainline E/B, W/B Tunnel)		60d	03-Oct-16 A	14-Jan-17																								
Wall & CP of Tunnel Structure Northern & Southern Tunnel E/B & W/B - 4,000 m3 + SM(A), SM(B), TF(A)		22d	21-Nov-16 A	22-Dec-16 A																								
Bay 2		5d	25-Nov-16 A	06-Dec-16 A																								
A1500	Spray Type Waterproofing, Protection Board and Backfilling (EP02 Construction Controlled)	5d	25-Nov-16 A	06-Dec-16 A	erproofing, Protection Board and Backfilling (EP02 Construction Controlled)																							
Bay 3		10d	25-Nov-16 A	04-Dec-16 A																								
A1530	Spray Type Waterproofing, Protection Board and Backfilling	10d	25-Nov-16 A	04-Dec-16 A	oofing, Protection Board and Backfilling																							
Bay 4		10d	21-Nov-16 A	09-Dec-16 A																								
A1560	Spray Type Waterproofing, Protection Board and Backfilling for SR8 Tunnel Construction	10d	21-Nov-16 A	09-Dec-16 A	e Waterproofing, Protection Board and Backfilling for SR8 Tunnel Construction																							
Bay 5		10d	08-Dec-16 A	09-Dec-16 A																								
A1590	Spray Type Waterproofing, Protection Board and Backfilling for SR8 Tunnel Construction	10d	08-Dec-16 A	09-Dec-16 A	e Waterproofing, Protection Board and Backfilling for SR8 Tunnel Construction																							
Bay 6		10d	09-Dec-16 A	12-Dec-16 A																								
A1620	Spray Type Waterproofing, Protection Board and Backfilling for SR8 Tunnel Construction (EP03 Construction controlled)	10d	09-Dec-16 A	12-Dec-16 A	ay Type Waterproofing, Protection Board and Backfilling for SR8 Tunnel Construction (EP03 Construction controlled)																							
Bay 7		10d	11-Dec-16 A	12-Dec-16 A																								
A1650	Spray Type Waterproofing, Protection Board and Backfilling for SR8 Tunnel Construction	10d	11-Dec-16 A	12-Dec-16 A	ay Type Waterproofing, Protection Board and Backfilling for SR8 Tunnel Construction																							
Bay 8		14d	30-Nov-16 A	22-Dec-16 A																								
A1690	Removal of 6th and 7th layer ELS	14d	30-Nov-16 A	08-Dec-16 A	6th and 7th layer ELS																							
A1720	Backfilling for construction of SR8B	6d	11-Dec-16 A	18-Dec-16 A	Backfilling for construction of SR8B																							
A1680	Waterproofing and repropping installation	5d	19-Dec-16 A	22-Dec-16 A	Waterproofing and repropping installation																							
OHVD, Maintenance Walkway & Profile Barrier Construction (Northern & Southern Tunnel E/B & W/B		27d	08-Dec-16 A	06-Jan-17																								
Bay 8		27d	08-Dec-16 A	06-Jan-17																								
A1880	Bay S8 OHVD and Kicker Wall, Maintenance Walkway and Profile Barrier	8d	08-Dec-16 A	19-Dec-16 A	Bay S8 OHVD and Kicker Wall, Maintenance Walkway and Profile Barrier																							
A1870	Bay N8 OHVD and Kicker Wall, Maintenance Walkway and Profile Barrier	8d	30-Dec-16	06-Jan-17	Bay N8 OHVD and Kicker Wall, Maintenance Walkway and Profile Barrier																							
Bay 9		21d	12-Dec-16 A	03-Jan-17																								
A1900	Bay S9 OHVD and Kicker Wall, Maintenance Walkway and Profile Barrier	5d	12-Dec-16 A	21-Dec-16 A	Bay S9 OHVD and Kicker Wall, Maintenance Walkway and Profile Barrier																							
A1890	Bay N9 OHVD and Kicker Wall, Maintenance Walkway and Profile Barrier	5d	30-Dec-16	03-Jan-17	Bay N9 OHVD and Kicker Wall, Maintenance Walkway and Profile Barrier																							
Top Slab (Northern and Southern Side Tunnel E/B and W/B - 18000 m3)		47d	03-Oct-16 A	14-Jan-17																								
Bay 1		30d	08-Nov-16 A	14-Jan-17																								
A2090	Bulkhead Breakthrough of TS3E/TS3W	30d	08-Nov-16 A	14-Jan-17	Bulkhead Breakthrough of TS3E/TS3W																							
Bay 6		11d	03-Oct-16 A	03-Dec-16 A																								
A2020	Bay S6R Top Slab (29m approx.)	11d	03-Oct-16 A	30-Nov-16 A	rox.)																							
A2010	Bay N6R Top Slab (27m approx.)	11d	05-Oct-16 A	03-Dec-16 A	m approx.)																							
Bay 7		17d	31-Oct-16 A	09-Dec-16 A																								
A2040	Bay S7R Top Slab (29m approx.)	10d	31-Oct-16 A	07-Dec-16 A	p Slab (29m approx.)																							
A2030	Bay N7R Top Slab (26m approx.)	10d	07-Nov-16 A	09-Dec-16 A	Top Slab (26m approx.)																							
Bay 8		6d	12-Dec-16 A	12-Jan-17																								
A2060	Bay S8R Top Slab (29m approx.)	5d	12-Dec-16 A	03-Jan-17	Bay S8R Top Slab (29m approx.)																							
A2050	Bay N8R Top Slab (26m approx.)	6d	22-Dec-16 A	12-Jan-17	Bay N8R Top Slab (26m approx.)																							
Bay 9		1d	08-Dec-16 A	04-Jan-17																								

Actual Work

 Remaining Work

Critical Remaining Work

Milestone

Page 1 of 13

Contract No. HY/2010/08: Central - Wanchai Bypass Tunnel +(Slip Road 8 Section) - 3 Months Rolling Progamme

Date	Revision	Checked	Approved
30-Dec-16	DWP-07 (5) - 3 Months Rolling	FS	TL

Activity ID	Activity Name	Original Duration	Start	Finish												
					2016			2017								
					Dec			Jan		Feb			Mar			Apr
A2080	Bay S9R Top Slab (29m approx.)	1d	08-Dec-16 A	30-Dec-16	<div></div>			<div></div> Bay S9R Top Slab (29m approx.)								
A2070	Bay N9R Top Slab (26m approx.)	1d	17-Dec-16 A	04-Jan-17	<div></div>			<div></div> Bay N9R Top Slab (26m approx.)								
SR8 Tunnel Structure		96d	13-Nov-16 A	16-Feb-17												
Base Slab of Slip Road 8 (SR8) - 8000 m3		73d	13-Nov-16 A	24-Jan-17												
A2130	Placement of Seawall Blocks for SR4B Construction	8d	13-Nov-16 A	30-Dec-16	<div></div>			<div></div> Placement of Seawall Blocks for SR4B Construction								
A2150	Placement of Seawall Blocks for SR5B Construction	8d	18-Nov-16 A	01-Jan-17	<div></div>			<div></div> Placement of Seawall Blocks for SR5B Construction								
A2170	Placement of Seawall Blocks for SR6B Construction	8d	16-Dec-16 A	02-Jan-17	<div></div>			<div></div> Placement of Seawall Blocks for SR6B Construction								
A2200	Bay SR8B	8d	30-Dec-16	06-Jan-17				<div></div> Bay SR8B								
A2140	Bay SR4B	7d	31-Dec-16	06-Jan-17				<div></div> Bay SR4B								
A2160	Bay SR5B	7d	01-Jan-17	08-Jan-17				<div></div> Bay SR5B								
A2180	Bay SR6B	5d	02-Jan-17	07-Jan-17				<div></div> Bay SR6B								
A2190	Bay SR7B	5d	11-Jan-17	15-Jan-17				<div></div> Bay SR7B								
A2110	Breaking to the Cut Off Level of Diaphragm Wall to be Carried Out after Bay S3R Completion	2d	18-Jan-17	19-Jan-17				<div></div> Breaking to the Cut Off Level of Diaphragm Wall to be Carried Out after Bay S3R Completion								
A2120	Bay SR3B	5d	20-Jan-17	24-Jan-17				<div></div> Bay SR3B								
Wall Structure of SR8 - 2500 m3		27d	07-Jan-17	02-Feb-17												
A2230	Removal of 4th layer and 5th layer ELS	6d	07-Jan-17	12-Jan-17				<div></div> Removal of 4th layer and 5th layer ELS								
A2270	Removal of 4th layer and 5th layer ELS	6d	07-Jan-17	13-Jan-17				<div></div> Removal of 4th layer and 5th layer ELS								
A2250	Removal of 4th layer and 5th layer ELS	6d	08-Jan-17	14-Jan-17				<div></div> Removal of 4th layer and 5th layer ELS								
A2240	Bay SR4 Walls	7d	13-Jan-17	19-Jan-17				<div></div> Bay SR4 Walls								
A2280	Bay SR6 Walls	7d	13-Jan-17	20-Jan-17				<div></div> Bay SR6 Walls								
A2260	Bay SR5 Walls	7d	14-Jan-17	21-Jan-17				<div></div> Bay SR5 Walls								
A2290	Removal of 5th layer ELS	4d	16-Jan-17	19-Jan-17				<div></div> Removal of 5th layer ELS								
A2300	Bay SR7 Walls	5d	20-Jan-17	24-Jan-17				<div></div> Bay SR7 Walls								
A2210	Removal of 4th layer and 5th layer ELS	4d	25-Jan-17	28-Jan-17				<div></div> Removal of 4th layer and 5th layer ELS								
A2220	Bay SR3 Walls	5d	29-Jan-17	02-Feb-17				<div></div> Bay SR3 Walls								
OHVD Structure, Maintenance Walkway and Profile Barrier of SR8 - 2000 m3		35d	04-Jan-17	07-Feb-17												
A2320	Bay SR1R OHVD, Maintenance Walkway and Profile Barrier	7d	04-Jan-17*	10-Jan-17				<div></div> Bay SR1R OHVD, Maintenance Walkway and Profile Barrier								
A2380	Removal of 5th Layer ELS	5d	07-Jan-17	11-Jan-17				<div></div> Removal of 5th Layer ELS								
A2390	Bay SR8R OHVD, Maintenance Walkway and Profile Barrier	4d	12-Jan-17	15-Jan-17				<div></div> Bay SR8R OHVD, Maintenance Walkway and Profile Barrier								
A2340	Bay SR4R OHVD, Maintenance Walkway and Profile Barrier	5d	20-Jan-17	24-Jan-17				<div></div> Bay SR4R OHVD, Maintenance Walkway and Profile Barrier								
A2360	Bay SR6R OHVD, Maintenance Walkway and Profile Barrier	4d	20-Jan-17	24-Jan-17				<div></div> Bay SR6R OHVD, Maintenance Walkway and Profile Barrier								
A2350	Bay SR5R OHVD, Maintenance Walkway and Profile Barrier	7d	21-Jan-17	28-Jan-17				<div></div> Bay SR5R OHVD, Maintenance Walkway and Profile Barrier								
A2370	Bay SR7R OHVD, Maintenance Walkway and Profile Barrier	4d	25-Jan-17	28-Jan-17				<div></div> Bay SR7R OHVD, Maintenance Walkway and Profile Barrier								
A2330	Bay SR3R OHVD, Maintenance Walkway and Profile Barrier	5d	03-Feb-17	07-Feb-17				<div></div> Bay SR3R OHVD, Maintenance Walkway and Profile Barrier								
Top Slab of SR8 - 12000 m3		37d	11-Jan-17	16-Feb-17												
A2400	Bay SR1R	10d	11-Jan-17	20-Jan-17				<div></div> Bay SR1R								
A2460	Bay SR8R	9d	16-Jan-17	24-Jan-17				<div></div> Bay SR8R								
A2440	Bay SR6R	9d	24-Jan-17	02-Feb-17				<div></div> Bay SR6R								
A2420	Bay SR4R	6d	25-Jan-17	30-Jan-17				<div></div> Bay SR4R								
A2430	Bay SR5R	8d	28-Jan-17	05-Feb-17				<div></div> Bay SR5R								
A2450	Bay SR7R	9d	29-Jan-17	06-Feb-17				<div></div> Bay SR7R								
A2410	Bay SR3R	7d	10-Feb-17	16-Feb-17				<div></div> Bay SR3R								
Earthwork Backfilling, ELS Removal and Water Recharging		122d	10-Nov-16 A	11-Mar-17												
East Portion		116d	10-Nov-16 A	05-Mar-17												

Activity ID	Activity Name	Original Duration	Start	Finish												
					2016			2017								
					Dec			Jan		Feb		Mar			Apr	
A2470	Stage 1 Backfilling- 6000 m3 (-30 mPD~ -20 mPD, Bay 2 -Bay 4) - 500 m3 per day	13d	10-Nov-16 A	17-Jan-17				Stage:1 Backfilling- 6000 m3 (-30mPD~ -20 mPD, Bay 2 -Bay 4) - 500 m3 per day								
A2480	Stage 2 Backfilling- 28000 m3 (-20 mPD~ -10 mPD, Bay 2- Bay 4) - 1560 m3 per day	18d	18-Jan-17	04-Feb-17					Stage 2 Backfilling- 28000 m3 (-20 mPD~ -10 mPD, Bay 2- Bay 4) - 1560 m3 per day							
A2490	Stage 3 Backfilling- 18000 m3 (-10mPD~ -7.0 mPD, Bay 2- Bay 4) - 1000 m3 per day	18d	05-Feb-17	22-Feb-17						Stage 3 Backfilling- 18000 m3 (-10mPD~ -7.0 mPD, Bay 2- Bay 4) - 1000 m3 per day						
A2510	Closure of wall opening in Bay 1 of CCT (Wall 4 and Wall 5)	11d	12-Feb-17	23-Feb-17						Closure of wall opening in Bay 1 of CCT (Wall 4 and Wall 5)						
A2520	Stage 5 Backfilling ~ 10000 m3 (-30 mPD ~ -7.0 mPD, Bay 1) ~ 1000 m3 per day	11d	18-Feb-17	28-Feb-17						Stage 5 Backfilling ~ 10000 m3 (-30 mPD ~ -7.0 mPD, Bay 1) ~ 1000 m3 per day						
A2500	Removal of 2nd Layer ELS and Removal of Reprop inside Tunnel (Bay 2- Bay 4)	10d	23-Feb-17	04-Mar-17						Removal of 2nd Layer ELS and Removal of Reprop inside Tunnel (Bay 2- Bay 4)						
A2515	Backfilling of Bay 1	11d	23-Feb-17	05-Mar-17						Backfilling of Bay 1						
A2530	Removal of 2nd Layer ELS (Bay 1)	5d	01-Mar-17	05-Mar-17						Removal of 2nd Layer ELS (Bay 1)						
West Portion		33d	13-Jan-17	14-Feb-17												
A2540	Stage 4 Backfilling - 69000 m3 (-30mPD~ -7.0 mPD, Bay 5-8) - 2500 m3 per day	28d	13-Jan-17	09-Feb-17				Stage 4 Backfilling - 69000 m3 (-30mPD~ -7.0 mPD, Bay 5-8) - 2500 m3 per day								
A2550	Removal of 2nd Layer ELS - 10 days	13d	02-Feb-17	14-Feb-17					Removal of 2nd Layer ELS - 10 days							
Water Recharge (CNY- 27/1~ 2/2)		6d	06-Mar-17	11-Mar-17												
A2560	Water Re-charge to ELS Cofferdam	6d	06-Mar-17	11-Mar-17								Water Re-charge to ELS Cofferdam				
Skin Wall Removal Works between TS4/TS3W and Shaft D Closure		85d	30-Dec-16	24-Mar-17												
A2570	Design Review and ICE Cert for 1st Stage Skin Wall Removal	15d	30-Dec-16	13-Jan-17			Design Review and ICE Cert for 1st Stage Skin Wall Removal									
A2580	Skin Wall Removal Works between TS4/TS3W - 20 days (1st stage) - SR8	20d	14-Jan-17	02-Feb-17				Skin Wall Removal Works between TS4/TS3W - 20 days (1st stage) - SR8								
A2590	Skin Wall Removal Works between TS4/TS3W - 20 days (2nd stage) - After Tunnel Roof Slab Completion - E/B and W/B	20d	03-Feb-17	22-Feb-17					Skin Wall Removal Works between TS4/TS3W - 20 days (2nd stage) - After Tunnel Roof Slab Completion - E/B and W/B							
A2600	Construction of Remaining Tunnel Structure between CH. 4260.2- 4265.2 at SOL T100 for Mainline E/B, W/B, SR8	30d	23-Feb-17	24-Mar-17						Construction of Remaining Tunnel Structure between CH. 4260.2- 4265.2 at SOL T100 for Mainline E/B, W/B, SR8						
A2610	Shaft D R/C Slab Reinstatement	20d	23-Feb-17	14-Mar-17						Shaft D R/C Slab Reinstatement						
Removal Bulkhead at CH525 (TS3W / SR8 Junction)		51d	21-Jan-17	12-Mar-17												
A4830	Curing Period for Removal of Scaffolding of Bay SR1R of SR8 Roof Slab	10d	21-Jan-17	30-Jan-17					Curing Period for Removal of Scaffolding of Bay SR1R of SR8 Roof Slab							
A5180	Remove Scaffolding of SR1R Roof	4d	31-Jan-17	03-Feb-17					Remove Scaffolding of SR1R Roof							
A6080	Remove Bulkhead between TS3W & SR8	37d	04-Feb-17	12-Mar-17						Remove Bulkhead between TS3W & SR8						
Works in KD8		66d	27-Jan-17	02-Apr-17												
TS3W - Remove Temporary Reclamation		66d	27-Jan-17	02-Apr-17												
Stage 1 - North West Corner (Bay Z4-25 to Bay 20)		24d	27-Jan-17	19-Feb-17												
A2650	Break concrete slab at Bay Z4-25 to Bay 20	4d	27-Jan-17	30-Jan-17					Break concrete slab at Bay Z4-25 to Bay 20							
A2660	Remove filled material to -4.35mPD at Bay Z4-25 to Bay 19 (6,500m3)	8d	31-Jan-17	07-Feb-17					Remove filled material to -4.35mPD at Bay Z4-25 to Bay 19 (6,500m3)							
A2670	Remove seawall blocks at Bay Z4-25 to Bay 20 (426 nos.)	8d	08-Feb-17	15-Feb-17					Remove seawall blocks at Bay Z4-25 to Bay 20 (426 nos.)							
A2680	Remove filled material to -7.0 mPD	4d	16-Feb-17	19-Feb-17					Remove filled material to -7.0 mPD							
Stage 2 - North to East Side (Bay 19 to Bay 11 + Bay 26 to Bay 28)		14d	31-Jan-17	13-Feb-17												
A2690	Break concrete slab at Bay 19 to Bay 11 + Bay 26 to Bay 28 (2,500m2)	7d	31-Jan-17	06-Feb-17					Break concrete slab at Bay 19 to Bay 11 + Bay 26 to Bay 28 (2,500m2)							
A2700	Remove filled material to +2.8mPD (2,500m3)	7d	07-Feb-17	13-Feb-17					Remove filled material to +2.8mPD (2,500m3)							
Stage 3 - North to East Side (Bay 19 to bay 26)		22d	12-Mar-17	02-Apr-17												
North West D-wall Opening		19d	12-Mar-17	30-Mar-17												
A2720	Core D-wall cut holes at Panel DW02 to NA6 (27 nos.)	4d	12-Mar-17	15-Mar-17								Core D-wall cut holes at Panel DW02 to NA6 (27 nos.)				
A2730	Vertical cut at Panel DW02 to NA6 (19 nos.)	8d	16-Mar-17	23-Mar-17								Vertical cut at Panel DW02 to NA6 (19 nos.)				
A2740	Horizontal cut at Panel DW02 to NA6 (25 nos.)	7d	24-Mar-17	30-Mar-17								Horizontal cut at Panel DW02 to NA6 (25 nos.)				
North East & East		22d	12-Mar-17	02-Apr-17												
A2750	Remove filled material to -4.35mPD (22,500m3)	9d	12-Mar-17	20-Mar-17								Remove filled material to -4.35mPD (22,500m3)				
A2760	Remove seawall blocks at Bay 19 to 11 & Bay 26 to 28 (1,335 nos.)	13d	21-Mar-17	02-Apr-17								Remove seawall blocks at Bay 19 to 11 & Bay 26 to 28 (1,335 nos.)				
Works in KD6		333d	19-Apr-16 A	18-Mar-17												
Works in SR8 (Open Cut Method)		333d	19-Apr-16 A	18-Mar-17												
SR8 (Zone C) - Ch. 528 to Ch. 368		109d	18-Nov-16 A	18-Mar-17												

Activity ID		Activity Name		Original Duration	Start	Finish	2016		2017									
							Dec		Jan			Feb			Mar			Apr
ELS				46d	19-Nov-16 A	04-Jan-17												
Area B (CH475 to CH514) - steel Deck EB + SR8/TS3 Interface				46d	19-Nov-16 A	04-Jan-17												
Strut & Waling Installation for SL5				41d	19-Nov-16 A	07-Dec-16 A												
A3470	Area B - Waling Installation			6d	19-Nov-16 A	02-Dec-16 A												
A3480	Area B - Srrtut Installation for SL5			9d	30-Nov-16 A	03-Dec-16 A												
A1621	Area B - Bracing Installation for Layer 2 (Bottom Horizontal & Diagonal)			1d	07-Dec-16 A	07-Dec-16 A												
Excavation to -17.9mPD From SL5 to Formation (3,908 m3 / 540m3/D approx.3.3m Depth)				34d	30-Nov-16 A	05-Dec-16 A												
A3440	Area B - Excavation 1st cycle (1.2m Depth) & Lagging Plate			4d	30-Nov-16 A	01-Dec-16 A												
A3450	Area B - Excavation 2nd cycle (1.2m Depth) & Lagging Plate			4d	02-Dec-16 A	03-Dec-16 A												
A3460	Area B - Excavation 3rd cycle (0.9m Depth) & Lagging Plate			3d	04-Dec-16 A	05-Dec-16 A												
Excavation for Rock Fill (1000mm Below F.L./1,576 m3/ 540m3/D)				6d	30-Dec-16	04-Jan-17												
A3490	Area B - Excavation further down to 1000mm below F.L.			1d	30-Dec-16	30-Dec-16												
A3500	Area B - Lay & Compact Rock Fill			4d	31-Dec-16	03-Jan-17												
A3510	Area B - Blinding / Divert Ground Water by Submerge Pump			2d	03-Jan-17	04-Jan-17												
Tunnel Structure				108d	18-Nov-16 A	18-Mar-17												
Area A (CH384 to CH475 - Victoria Park to Steel Deck WB + IEC)				97d	18-Nov-16 A	07-Mar-17												
Vertical Blinding Bay C1 to C4				13d	29-Nov-16 A	09-Dec-16 A												
A4300	Bay C4			13d	29-Nov-16 A	09-Dec-16 A												
Tunnel Structure at Area A - Bay C1 to C4				97d	18-Nov-16 A	07-Mar-17												
Bay C2				89d	30-Nov-16 A	05-Mar-17												
Structure				41d	30-Nov-16 A	16-Jan-17												
1.2m Thick Base Slab				26d	30-Nov-16 A	16-Dec-16 A												
T1350	C2 Base - Concreting			1d	30-Nov-16 A	30-Nov-16 A												
T1370	C2 Base - Remove 3th & 5th Strut SL3 & SL5 (2 Nos@SL5 & 8 Nos@SL3)			3d	09-Dec-16 A	16-Dec-16 A												
1m Thick Tunnel Wall at Both Sides & OHVD Slab				7d	22-Dec-16 A	04-Jan-17												
T1380	C2 Wall & OHVD - Erect Scaffolding & Soffit Formwork			4d	22-Dec-16 A	30-Dec-16												
T1390	C2 Wall & OHVD - Steel Fixing & Wall Formwork			5d	30-Dec-16	03-Jan-17												
T1400	C2 Wall & OHVD - Concreting			1d	04-Jan-17	04-Jan-17												
400mm Thick OHVD Hanger Wall & 1.2m Thick Top Slab				12d	05-Jan-17	16-Jan-17												
T1440	C2 OHVD Hanger Wall & Roof - Erect Faslework & Soffit Formworks + Hanger Wall Formwork			3d	05-Jan-17	07-Jan-17												
T1450	C2 OHVD Hanger Wall & Roof - Steel Fixing (+1 d for Wall Steel fixing)			6d	08-Jan-17	13-Jan-17												
T1460	C2 OHVD Hanger Wall & Roof - Top slab CJ Formwork Erection & Water Stop			2d	14-Jan-17	15-Jan-17												
T1470	C2 OHVD Hanger Wall & Roof - Concreting			1d	16-Jan-17	16-Jan-17												
Removal of Falseworks & SL4				23d	17-Jan-17	08-Feb-17												
T1550	C2 Roof - 10 Days Curing of Roof Prior to Removal of Falsework			10d	17-Jan-17	26-Jan-17												
T1560	C2 Roof - Remove Falsework			6d	27-Jan-17	05-Feb-17												
T2730	C2 Wall - Remove Strut SL4 (8 No / Layer/ Bay C2)			3d	06-Feb-17	08-Feb-17												
Egress Passage				17d	08-Feb-17	25-Feb-17												
Wall of EP				9d	08-Feb-17	17-Feb-17												
A3780	C2 Erect Scaffolding & working Platform			1d	08-Feb-17	09-Feb-17												
A3750	C2 Internal Wall Formwork			2d	09-Feb-17	11-Feb-17												
A3760	C2 Steel Fixing to Wall			2d	11-Feb-17	13-Feb-17												
A3770	C2 External Wall Formwork			3d	13-Feb-17	16-Feb-17												
A3790	C2 Concrete to Wall			1d	16-Feb-17	17-Feb-17												

Activity ID		Activity Name	Original Duration	Start	Finish	2016		2017																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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Activity ID	Activity Name	Original Duration	Start	Finish												
					2016			2017								
					Dec			Jan			Feb			Mar		Apr
A3690	C1 Side Fromwork for Wall up to Roof Top	2d	23-Feb-17	24-Feb-17										<div>C1 Side Fromwork for Wall up to Roof Top</div>		
A3700	C1 Concrete to Roof	1d	25-Feb-17	25-Feb-17										<div>C1 Concrete to Roof</div>		
Utility Trough		25d	09-Feb-17	05-Mar-17												
Left Hand Side		8d	26-Feb-17	05-Mar-17												
A3720	C1 - LHS Backing Concrete of Utility Trough	4d	26-Feb-17	01-Mar-17										<div>C1 - LHS Backing Concrete of Utility Trough</div>		
A3710	C1 - LHS Profile Barrier of Utility Trough	4d	02-Mar-17	05-Mar-17										<div>C1 - LHS Profile Barrier of Utility Trough</div>		
Right Hand Side		8d	09-Feb-17	16-Feb-17												
A3730	C1 - RHS Backing Concrete of Utility Trough	4d	09-Feb-17	12-Feb-17							<div>C1 - RHS Backing Concrete of Utility Trough</div>					
A3740	C1 - RHS Profile Barrier of Utility Trough	4d	13-Feb-17	16-Feb-17							<div>C1 - RHS Profile Barrier of Utility Trough</div>					
Bay C3		67d	02-Dec-16 A	06-Mar-17												
Structure		20d	02-Dec-16 A	18-Jan-17												
A4290	Fixing T-Grid Waterproofing on Base Slab & Vertical Blinding	3d	02-Dec-16 A	07-Dec-16 A	Waterproofing on Base Slab & Vertical Blinding											
1.2m Thick Base Slab		12d	08-Dec-16 A	24-Dec-16 A												
T2950	C3 Base - Rebar Fixing	5d	08-Dec-16 A	13-Dec-16 A	C3 Base - Rebar Fixing											
T2960	C3 Base - Kicker Formwork & Water Stop	2d	14-Dec-16 A	14-Dec-16 A	C3 Base - Kicker Formwork & Water Stop											
T2970	C3 Base - Concreting	1d	15-Dec-16 A	15-Dec-16 A	C3 Base - Concreting											
T2980	C3 Base - Remove Kicker Formwork & Make Good C.J.	1d	16-Dec-16 A	16-Dec-16 A	C3 Base - Remove Kicker Formwork & Make Good C.J.											
T2990	C3 Base - Remove 3th & 5th Strut SL3 & SL5 (1 Nos@SL5 & 8 Nos@SL3)	3d	17-Dec-16 A	24-Dec-16 A	<div>C3 Base - Remove 3th & 5th Strut SL3 & SL5 (1 Nos@SL5 & 8 Nos@SL3)</div>											
1m Thick Tunnel Wall at Both Sides & OHVD Slab		9d	30-Dec-16	07-Jan-17												
T3000	C3 Wall & OHVD - Erect Scaffolding & Soffit Formwork	3d	30-Dec-16	01-Jan-17			<div>C3 Wall & OHVD - Erect Scaffolding & Soffit Formwork</div>									
T3010	C3 Wall & OHVD - Steel Fixing	4d	02-Jan-17	05-Jan-17			<div>C3 Wall & OHVD - Steel Fixing</div>									
T3020	C3 Wall & OHVD - Wall Formwork + Side Formwork for OHVD Slab	1d	06-Jan-17	06-Jan-17			<div>C3 Wall & OHVD - Wall Formwork + Side Formwork for OHVD Slab</div>									
T3030	C3 Wall & OHVD - Concreting	1d	07-Jan-17	07-Jan-17			<div>C3 Wall & OHVD - Concreting</div>									
400mm Thick OHVD Hanger Wall & 1.2m Thick Top Slab		11d	08-Jan-17	18-Jan-17												
T3040	C3 OHVD Hanger Wall & Roof - Erect Faslework & Soffit Formworks + Hanger Wall Formwork	3d	08-Jan-17	10-Jan-17			<div>C3 OHVD Hanger Wall & Roof - Erect Faslework & Soffit Formworks + Hanger Wall Formwork</div>									
T3050	C3 OHVD Hanger Wall & Roof - Steel Fixing (+1 D for Wall Steel Fixing)	6d	11-Jan-17	16-Jan-17			<div>C3 OHVD Hanger Wall & Roof - Steel Fixing (+1 D for Wall Steel Fixing)</div>									
T3060	C3 OHVD Hanger Wall & Roof - Top slab CJ Formwork Erection & Water Stop	1d	17-Jan-17	17-Jan-17			<div>C3 OHVD Hanger Wall & Roof - Top slab CJ Formwork Erection & Water Stop</div>									
T3080	C3 OHVD Hanger Wall & Roof - Concreting	1d	18-Jan-17	18-Jan-17			<div>C3 OHVD Hanger Wall & Roof - Concreting</div>									
Removal of Falseworks & SL4		22d	19-Jan-17	09-Feb-17												
T1790	C3 Roof - 10 Days Curing of Roof Prior to Removal of Falsework	10d	19-Jan-17	28-Jan-17				<div>C3 Roof - 10 Days Curing of Roof Prior to Removal of Falsework</div>								
T1800	C3 Roof - Remove Falsework	6d	01-Feb-17	06-Feb-17				<div>C3 Roof - Remove Falsework</div>								
T2750	C3 Wall - Remove Strut SL4 (8 No / Layer/ Bay C3)	3d	07-Feb-17	09-Feb-17				<div>C3 Wall - Remove Strut SL4 (8 No / Layer/ Bay C3)</div>								
Egress Passage		17d	10-Feb-17	26-Feb-17												
Wall of EP		9d	10-Feb-17	18-Feb-17												
A2310	C3 Erect Scaffolding & working Platform	1d	10-Feb-17	10-Feb-17							<div>C3 Erect Scaffolding & working Platform</div>					
A3920	C3 Internal Wall Formwork	2d	11-Feb-17	12-Feb-17							<div>C3 Internal Wall Formwork</div>					
A3930	C3 Steel Fixing to Wall	2d	13-Feb-17	14-Feb-17							<div>C3 Steel Fixing to Wall</div>					
A3940	C3 External Wall Formwork	3d	15-Feb-17	17-Feb-17							<div>C3 External Wall Formwork</div>					
A3950	C3 Concrete to Wall	1d	18-Feb-17	18-Feb-17							<div>C3 Concrete to Wall</div>					
Roof of EP		8d	19-Feb-17	26-Feb-17												
A3960	C3 Scaffolding & Soffit Formwork	3d	19-Feb-17	21-Feb-17							<div>C3 Scaffolding & Soffit Formwork</div>					
A3970	C3 Steel Fixing to Roof	2d	22-Feb-17	23-Feb-17							<div>C3 Steel Fixing to Roof</div>					
A3980	C3 Side Fromwork for Wall up to Roof Top	2d	24-Feb-17	25-Feb-17							<div>C3 Side Fromwork for Wall up to Roof Top</div>					
A3990	C3 Concrete to Roof	1d	26-Feb-17	26-Feb-17							<div>C3 Concrete to Roof</div>					

Activity ID	Activity Name	Original Duration	Start	Finish												
					2016			2017								
					Dec			Jan			Feb			Mar		Apr
	Utility Trough	25d	10-Feb-17	06-Mar-17												
	Left Hand Side	8d	27-Feb-17	06-Mar-17												
A4000	C3 - LHS Backing Concrete of Utility Trough	4d	27-Feb-17	02-Mar-17												
A4010	C3 - LHS Profile Barrier of Utility Trough	4d	03-Mar-17	06-Mar-17												
	Right Hand Side	8d	10-Feb-17	17-Feb-17												
A4020	C3 - RHS Backing Concrete of Utility Trough	4d	10-Feb-17	13-Feb-17												
A4030	C3 - RHS Profile Barrier of Utility Trough	4d	14-Feb-17	17-Feb-17												
	Bay C4	67d	14-Dec-16 A	07-Mar-17												
	Structure	24d	14-Dec-16 A	22-Jan-17												
A4310	Fixing T-Grid Waterproofing on Base Slab & Vertical Blinding	3d	14-Dec-16 A	18-Dec-16 A												
	1.2m Thick Base Slab	9d	19-Dec-16 A	02-Jan-17												
T3120	C4 Base - Rebar Fixing	3d	19-Dec-16 A	21-Dec-16 A												
T3130	C4 Base - Kicker Formwork & Water Stop	2d	22-Dec-16 A	22-Dec-16 A												
T3140	C4 Base - Concreting	1d	23-Dec-16 A	23-Dec-16 A												
T3160	C4 Base - Remove 3th & 5th Strut SL3 & SL5 (3 Nos@SL5 & 8 Nos@SL3)	4d	30-Dec-16	02-Jan-17												
	1m Thick Tunnel Wall at Both Sides & OHVD Slab	11d	02-Jan-17	13-Jan-17												
T3170	C4 Wall & OHVD - Erect Scaffolding & Soffit Formwork	4d	02-Jan-17	06-Jan-17												
T3180	C4 Wall & OHVD - Steel Fixing	5d	06-Jan-17	11-Jan-17												
T3190	C4 Wall & OHVD - Wall Formwork + Side Formwork for OHVD Slab	1d	11-Jan-17	12-Jan-17												
T3200	C4 Wall & OHVD - Concreting	1d	12-Jan-17	13-Jan-17												
	400mm Thick OHVD Hanger Wall & 1.2m Thick Top Slab	9d	13-Jan-17	22-Jan-17												
T3210	C4 OHVD Hanger Wall & Roof - Erect Faslework & Soffit Formworks + Hanger Wall Formwork	3d	13-Jan-17	16-Jan-17												
T3220	C4 OHVD Hanger Wall & Roof - Steel Fixing (+1 D for Wall Fixing)	4d	16-Jan-17	20-Jan-17												
T3230	C4 OHVD Hanger Wall & Roof - Top slab CJ Formwork Erection & Water Stop	1d	20-Jan-17	21-Jan-17												
T3250	C4 OHVD Hanger Wall & Roof - Concreting	1d	21-Jan-17	22-Jan-17												
	Removal of Falseworks & SL5	19d	22-Jan-17	10-Feb-17												
T3300	C4 Roof - 10 Days Curing of Roof Prior to Removal of Falsework	10d	22-Jan-17	01-Feb-17												
T3310	C4 Roof - Remove Falsework	6d	01-Feb-17	07-Feb-17												
T3290	C4 Wall - Remove Strut SL4 (8 No / Layer/ Bay C3)	3d	07-Feb-17	10-Feb-17												
	Egress Passage	17d	10-Feb-17	27-Feb-17												
	Wall of EP	9d	10-Feb-17	19-Feb-17												
A4140	C4 Erect Scaffolding & working Platform	1d	10-Feb-17	11-Feb-17												
A4110	C4 Internal Wall Formwork	2d	11-Feb-17	13-Feb-17												
A4120	C4 Steel Fixing to Wall	2d	13-Feb-17	15-Feb-17												
A4130	C4 External Wall Formwork	3d	15-Feb-17	18-Feb-17												
A4150	C4 Concrete to Wall	1d	18-Feb-17	19-Feb-17												
	Roof of EP	8d	19-Feb-17	27-Feb-17												
A4160	C4 Scaffolding & Soffit Formwork	3d	19-Feb-17	22-Feb-17												
A4170	C4 Steel Fixing to Roof	2d	22-Feb-17	24-Feb-17												
A4180	C4 Side Fromwork for Wall up to Roof Top	2d	24-Feb-17	26-Feb-17												
A4190	C4 Concrete to Roof	1d	26-Feb-17	27-Feb-17												
	Utility Trough	25d	10-Feb-17	07-Mar-17												
	Left Hand Side	8d	27-Feb-17	07-Mar-17												
A4200	C4 - LHS Backing Concrete of Utility Trough	4d	27-Feb-17	03-Mar-17												

Activity ID	Activity Name	Original Duration	Start	Finish												
					2016			2017								
					Dec			Jan			Feb			Mar		
	A4210	C4 - LHS Profile Barrier of Utility Trough	4d	03-Mar-17	07-Mar-17											C4 - LHS Profile Barrier of Utility Trough
	Right Hand Side		8d	10-Feb-17	18-Feb-17											
	A4220	C4 - RHS Backing Concrete of Utility Trough	4d	10-Feb-17	14-Feb-17											C4 - RHS Backing Concrete of Utility Trough
	A4230	C4 - RHS Profile Barrier of Utility Trough	4d	14-Feb-17	18-Feb-17											C4 - RHS Profile Barrier of Utility Trough
	Area B (CH475 to CH514) - steel Deck EB + SR8/TS3 Interface		76d	15-Dec-16 A	18-Mar-17											
	Vertical Blinding Bay C5 to Bay C6		13d	15-Dec-16 A	31-Dec-16											
	A4320	Bay C5	13d	15-Dec-16 A	31-Dec-16											
	Tunnel Structure at Area B - Bay C5 to C6		76d	01-Jan-17	18-Mar-17											
	Bay C5		68d	01-Jan-17	10-Mar-17											
	Structure		36d	01-Jan-17	06-Feb-17											
	1.2m Thick Base Slab		7d	01-Jan-17	07-Jan-17											
	T3350	C5 Base - Rebar Fixing	3d	01-Jan-17	03-Jan-17											C5 Base - Rebar Fixing
	T3360	C5 Base - Kicker Formwork & Water Stop	1d	04-Jan-17	04-Jan-17											C5 Base - Kicker Formwork & Water Stop
	T3370	C5 Base - Concreting	1d	05-Jan-17	05-Jan-17											C5 Base - Concreting
	T3390	C5 Base - Remove 6th Strut SL5 (5 Nos @SL5)	2d	06-Jan-17	07-Jan-17											C5 Base - Remove 6th Strut SL5 (5 Nos @SL5)
	1m Thick Tunnel Wall at Both Sides		15d	07-Jan-17	22-Jan-17											
	T3400	C5 Wall & OHVD - Erect Working Platform	1d	07-Jan-17	08-Jan-17											C5 Wall & OHVD - Erect Working Platform
	T3410	C5 Wall & OHVD - Steel Fixing	5d	08-Jan-17	13-Jan-17											C5 Wall & OHVD - Steel Fixing
	T3420	C5 Wall - Internal Formwork & Water Stop	3d	13-Jan-17	16-Jan-17											C5 Wall - Internal Formwork & Water Stop
	T3430	C5 Wall & OHVD - Concreting of Wall	1d	16-Jan-17	17-Jan-17											C5 Wall & OHVD - Concreting of Wall
	T3480	C5 Wall - Remove Wall Formwork	2d	17-Jan-17	19-Jan-17											C5 Wall - Remove Wall Formwork
	T3540	C5 Wall - Remove 3th & 4th Strut SL3 & SL4 (5 Nos @SL3 & 5 Nos @SL4)	3d	19-Jan-17	22-Jan-17											C5 Wall - Remove 3th & 4th Strut SL3 & SL4 (5 Nos @SL3 & 5 Nos @SL4)
	OHVD Slab		6d	22-Jan-17	28-Jan-17											
	T3440	C5 OHVD - Erect Falsework	1d	22-Jan-17	23-Jan-17											C5 OHVD - Erect Falsework
	T3450	C5 OHVD - Erect Soffit Formwork	2d	23-Jan-17	25-Jan-17											C5 OHVD - Erect Soffit Formwork
	T3460	C5 OHVD - Steel Fixing for Slab	2d	25-Jan-17	27-Jan-17											C5 OHVD - Steel Fixing for Slab
	T3470	C5 OHVD - Placing Concrete to OHVD Slab	1d	27-Jan-17	28-Jan-17											C5 OHVD - Placing Concrete to OHVD Slab
	400mm Thick OHVD Hanger Wall & 1.2m Thick Top Slab		9d	28-Jan-17	06-Feb-17											
	T3490	C5 OHVD - Steel Fixing for Hanger Wall	1d	28-Jan-17	29-Jan-17											C5 OHVD - Steel Fixing for Hanger Wall
	T3500	C5 OHVD - Erect Formwork for Hanger Wall	1d	29-Jan-17	30-Jan-17											C5 OHVD - Erect Formwork for Hanger Wall
	T3510	C5 Roof - Erect Falsework & Soffit Formwork	3d	30-Jan-17	02-Feb-17											C5 Roof - Erect Falsework & Soffit Formwork
	T3520	C5 Roof - Steel Fixing (Wall Steel Fixing Completed together with Roof)	3d	02-Feb-17	05-Feb-17											C5 Roof - Steel Fixing (Wall Steel Fixing Completed together with Roof)
	T3530	C5 Roof - Placing Concrete to Roof Slab & OHVD Hanger Wall	1d	05-Feb-17	06-Feb-17											C5 Roof - Placing Concrete to Roof Slab & OHVD Hanger Wall
	Removal of Falseworks & SL5		16d	06-Feb-17	22-Feb-17											
	T3330	C5 Roof - 10 Days Curing of Roof Prior to Removal of Falsework	10d	06-Feb-17	16-Feb-17											C5 Roof - 10 Days Curing of Roof Prior to Removal of Falsework
	T3340	C5 Roof - Remove Falsework	6d	16-Feb-17	22-Feb-17											C5 Roof - Remove Falsework
	Utility Trough		16d	22-Feb-17	10-Mar-17											
	Left Hand Side		8d	02-Mar-17	10-Mar-17											
	A4080	C5 - LHS Backing Concrete of Utility Trough	4d	02-Mar-17	06-Mar-17											C5 - LHS Backing Concrete of Utility Trough
	A4070	C5 - LHS Profile Barrier of Utility Trough	4d	06-Mar-17	10-Mar-17											C5 - LHS Profile Barrier of Utility Trough
	Right Hand Side		8d	22-Feb-17	02-Mar-17											
	A4090	C5 - RHS Backing Concrete of Utility Trough	4d	22-Feb-17	26-Feb-17											C5 - RHS Backing Concrete of Utility Trough
	A4100	C5 - RHS Profile Barrier of Utility Trough	4d	26-Feb-17	02-Mar-17											C5 - RHS Profile Barrier of Utility Trough
	Bay C6		70d	07-Jan-17	18-Mar-17											

Activity ID	Activity Name	Original Duration	Start	Finish																	
					2016				2017												
					Dec				Jan					Feb				Mar			Apr
	Structure	39d	07-Jan-17	15-Feb-17																	
	1.2m Thick Base Slab	8d	07-Jan-17	15-Jan-17																	
	T2490C6 Base - Rebar Fixing	4d	07-Jan-17	11-Jan-17																	
	T2500C6 Base - Kicker Formwork & Water Stop	1d	11-Jan-17	12-Jan-17																	
	T2510C6 Base - Concreting	1d	12-Jan-17	13-Jan-17																	
	T2520C6 Base - Remove Kicker Formwork & Make Good C.J.	1d	13-Jan-17	14-Jan-17																	
	T2530C6 Base - Remove Strut SL6 (3 Nos/Bay C6)	1d	14-Jan-17	15-Jan-17																	
	200 mm Thick OHVD Slab	16d	15-Jan-17	31-Jan-17																	
	T2660C6 OHVD - Erect Faslework	2d	15-Jan-17	17-Jan-17																	
	T2670C6 OHVD - Erect Soffit Formwork	2d	17-Jan-17	19-Jan-17																	
	T2680C6 OHVD - Steel Fixing for Slab	2d	28-Jan-17	30-Jan-17																	
	T2690C6 OHVD - Placing Concrete to Slab	1d	30-Jan-17	31-Jan-17																	
	1.2m Thick Top Slab	9d	06-Feb-17	15-Feb-17																	
	T3570C6 Roof - Erect Falsework & Soffit Formwork	4d	06-Feb-17	10-Feb-17																	
	T3580C6 Roof - Steel Fixing	4d	10-Feb-17	14-Feb-17																	
	T3590C6 Roof - Placing Concrete to Roof Slab & OHVD Hanger Wall	1d	14-Feb-17	15-Feb-17																	
	Removal of Falseworks & SL4	15d	15-Feb-17	02-Mar-17																	
	T2640C6 Roof - 10 Days Curing of Roof Prior to Removal of Falsework	10d	15-Feb-17	25-Feb-17																	
	T2650C6 Roof - Remove Falsework	5d	25-Feb-17	02-Mar-17																	
	Utility Trough	16d	02-Mar-17	18-Mar-17																	
	Left Hand Side	8d	10-Mar-17	18-Mar-17																	
	A4240C6 - LHS Backing Concrete of Utility Trough	4d	10-Mar-17	14-Mar-17																	
	A4250C6 - LHS Profile Barrier of Utility Trough	4d	14-Mar-17	18-Mar-17																	
	Right Hand Side	8d	02-Mar-17	10-Mar-17																	
	A4260C6 - RHS Backing Concrete of Utility Trough	4d	02-Mar-17	06-Mar-17																	
	A4270C6 - RHS Profile Barrier of Utility Trough	4d	06-Mar-17	10-Mar-17																	
	SR8 (Zone B) - Ch.385.000 to Ch.317.500 - (Inside Victoria Park to Tunnel Portal)	312d	19-Apr-16 A	24-Feb-17																	
	SR8 (Zone B) Tunnel - ELS / CCT / BF Works (7 Bays Ch. 385.000 to Ch.317.500)	312d	19-Apr-16 A	24-Feb-17																	
	Portal Structure	312d	19-Apr-16 A	24-Feb-17																	
	Backfill & Remove Struts	283d	19-Apr-16 A	26-Jan-17																	
	SR8_ZB_1350Zone B - Backfill Gap between Structural Wall & Pipe Piles	4d	19-Apr-16 A	17-Jan-17																	
	SR8_ZB_1380Zone B - Remove Top Layer of Strut for Pump House Manhole Construction	8d	17-Jan-17	26-Jan-17																	
	OHVD	39d	17-Jan-17	24-Feb-17																	
	Bay B2 (CH338.625 to CH351.8)	31d	25-Jan-17	24-Feb-17																	
	SR8_ZB_1390Zone B - OHVD Bay 2 - Erect Scaffolding & Soffit Formwork	6d	25-Jan-17	03-Feb-17																	
	SR8_ZB_1400Zone B - OHVD Bay 2 - Rebar Fixing for Slab of OHVD	3d	06-Feb-17	08-Feb-17																	
	SR8_ZB_1410Zone B - OHVD Concrete of Slab of OHVD	1d	09-Feb-17	09-Feb-17																	
	SR8_ZB_1420Zone B - OHVD Rebar Fixing to Hanger Wall	1d	10-Feb-17	10-Feb-17																	
	SR8_ZB_1450Zone B - OHVD Curing Period for OHVD Slab	10d	10-Feb-17	19-Feb-17																	
	SR8_ZB_1430Zone B - OHVD Erect Hanger Wall Formwork for OHVD	2d	11-Feb-17	13-Feb-17																	
	SR8_ZB_1440Zone B - OHVD Concrete Hanger Wall of OHVDV	1d	14-Feb-17	14-Feb-17																	
	SR8_ZB_1460Zone B - OHVD Remove Soffit Formwork & Scaffolding	5d	20-Feb-17	24-Feb-17																	
	Bay B3 (CH351.8 to CH368)	26d	17-Jan-17	11-Feb-17																	
	SR8_ZB_1470Zone B - OHVD Bay 3 - Erect Scaffolding & Soffit Formwork	6d	17-Jan-17	23-Jan-17																	

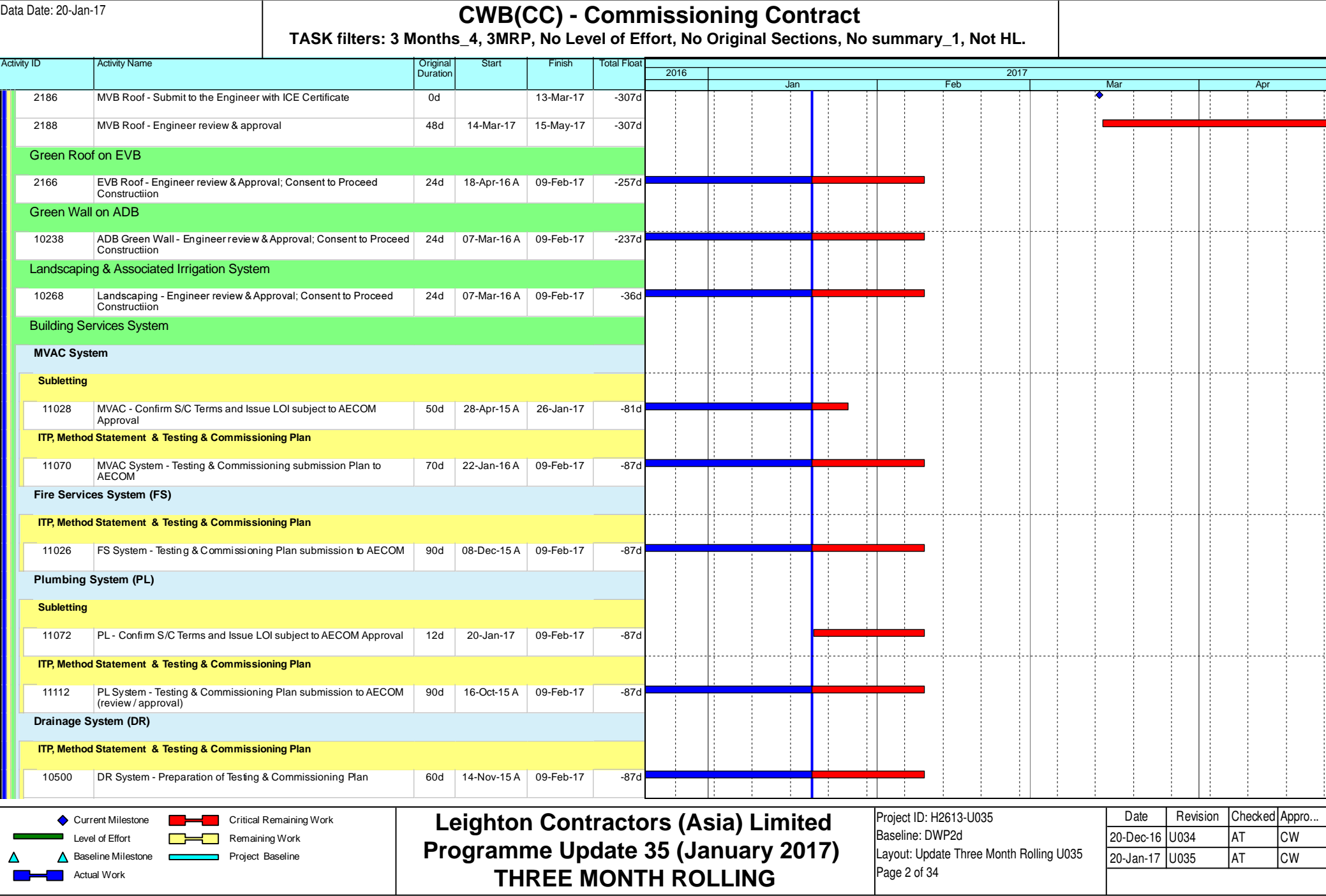
Activity ID	Activity Name	Original Duration	Start	Finish												
					2016			2017								
					Dec			Jan		Feb		Mar			Apr	
SR8_ZB_1480	Zone B - OHVD Bay 3 - Rebar Fixing for Slab of OHVD	3d	24-Jan-17	26-Jan-17						■ Zone B - OHVD Bay 3 - Rebar Fixing for Slab of OHVD						
SR8_ZB_1490	Zone B - OHVD Bay 3 - Concrete of Slab of OHVD	1d	27-Jan-17	27-Jan-17						■ Zone B - OHVD Bay 3 - Concrete of Slab of OHVD						
SR8_ZB_1530	Zone B - OHVD Bay 3 - Curing Period for OHVD Slab	10d	28-Jan-17	06-Feb-17						■ Zone B - OHVD Bay 3 - Curing Period for OHVD Slab						
SR8_ZB_1500	Zone B - OHVD Bay 3 - Rebar Fixing to Hanger Wall	1d	01-Feb-17	01-Feb-17						■ Zone B - OHVD Bay 3 - Rebar Fixing to Hanger Wall						
SR8_ZB_1510	Zone B - OHVD Bay 3 - Erect Hanger Wall Formwork for OHVD	2d	02-Feb-17	03-Feb-17						■ Zone B - OHVD Bay 3 - Erect Hanger Wall Formwork for OHVD						
SR8_ZB_1520	Zone B - OHVD Bay 3 - Concrete Hanger Wall of OHVDV	1d	04-Feb-17	04-Feb-17						■ Zone B - OHVD Bay 3 - Concrete Hanger Wall of OHVDV						
SR8_ZB_1540	Zone B - OHVD Bay 3 - Remove Soffit Formwork & Scaffolding	5d	07-Feb-17	11-Feb-17						■ Zone B - OHVD Bay 3 - Remove Soffit Formwork & Scaffolding						
Utility Trough		28d	30-Dec-16	04-Feb-17												
Left Hand Side		21d	09-Jan-17	04-Feb-17												
SR8_ZB_1570	Zone B - U trough (LHS) Bay 3	7d	09-Jan-17	16-Jan-17				■ Zone B : U trough (LHS) Bay 3								
SR8_ZB_1560	Zone B - U trough (LHS) Bay 2	7d	17-Jan-17	24-Jan-17				■ Zone B - U trough (LHS) Bay 2								
SR8_ZB_1550	Zone B - U trough (LHS) Bay 1	7d	25-Jan-17	04-Feb-17				■ Zone B - U trough (LHS) Bay 1								
Right Hand Side		21d	30-Dec-16	24-Jan-17												
SR8_ZB_1600	Zone B - U trough (RHS) Bay 3	7d	30-Dec-16*	07-Jan-17			■ Zone B - U trough (RHS) Bay 3									
SR8_ZB_1590	Zone B - U trough (RHS) Bay 2	7d	09-Jan-17	16-Jan-17			■ Zone B : U trough (RHS) Bay 2									
SR8_ZB_1580	Zone B - U trough (RHS) Bay 1	7d	17-Jan-17	24-Jan-17			■ Zone B - U trough (RHS) Bay 1									
Pump House		53d	30-Dec-16	20-Feb-17												
Pressure Relief Manhole		14d	26-Jan-17	15-Feb-17												
SR8_ZB_1800	PS- Manhole Internal Wall Formwork	4d	26-Jan-17	03-Feb-17						■ PS- Manhole Internal Wall Formwork						
SR8_ZB_1810	PS- Erect Scaffolding + Roof Soffit Formwork	5d	03-Feb-17	09-Feb-17						■ PS- Erect Scaffolding + Roof Soffit Formwork						
SR8_ZB_1820	PS- Rebar Fixing	4d	09-Feb-17	14-Feb-17						■ PS- Rebar Fixing						
SR8_ZB_1830	PS- Place Concrete to Manhole Wall & Roof Slab	1d	14-Feb-17	15-Feb-17						■ PS- Place Concrete to Manhole Wall & Roof Slab						
Floor Slabs & Partition Walls		14d	03-Feb-17	20-Feb-17												
SR8_ZB_1860	PS-Internal Wall Inside Pump House	14d	03-Feb-17	20-Feb-17						■ PS-Internal Wall Inside Pump House						
Remining Works inside Pump Sump E		52d	30-Dec-16	19-Feb-17												
SR8_ZB_1890	Steel Works Installation inside Pump Sump E	45d	30-Dec-16	12-Feb-17						■ Steel Works Installation inside Pump Sump E						
SR8_ZB_1900	Installation Manhole Covers for Pump Sump E	7d	13-Feb-17	19-Feb-17						■ Installation Manhole Covers for Pump Sump E						
SR8 (Zone A) - Ch 317.500 to Ch 210.000 - U-Structure & Slab (Victoria Park)		37d	23-Dec-16 A	02-Feb-17												
RC CCT & Backfill Ch317.5000 to Ch240.000		28d	23-Dec-16 A	02-Feb-17												
Structure		28d	23-Dec-16 A	02-Feb-17												
Utility Through		28d	23-Dec-16 A	02-Feb-17												
SR8_ZA_1260	Zone A - Utility Trough for Zone A (CH240 to CH317)	28d	23-Dec-16 A	02-Feb-17			■ Zone A - Utility Trough for Zone A (CH240 to CH317)									
SR8 Structural Slab Ch.240.000 to Ch.210.000		14d	30-Dec-16	12-Jan-17												
SR8_2090B	Zone A - Wall - Bay 3	14d	30-Dec-16*	12-Jan-17			■ Zone A - Wall - Bay 3									
Works in KD9 (Include Re-provisioning Works of KD4,KD5)		231d	10-Oct-16 A	05-Jul-17												
External Works Under KD9		231d	14-Nov-16 A	05-Jul-17												
Tsing Fung St - RW & Subway Extension & Toe Wall at Hing Fat St		115d	03-Dec-16 A	30-Mar-17												
Retaining Wall + Toe Wall at Hing Fat Street		115d	03-Dec-16 A	30-Mar-17												
Retaining Wall RW8D		115d	03-Dec-16 A	14-Mar-17												
Bay 3(10m) to Bay 4(10m)		3d	30-Dec-16	01-Jan-17												
RW8D_1220	RW8D (Bay 3 to Bay 4) - Sub-soil & Backfilling to Base Slab	3d	30-Dec-16	01-Jan-17			■ RW8D (Bay 3 to Bay 4) - Sub-soil & Backfilling to Base Slab									
Bay 2(10m) to Bay 1(12.5m)		3d	30-Dec-16	01-Jan-17												
RW8D_1230	RW8D(B2 to B1) - Sub-soil & Backfilling to Base	3d	30-Dec-16	01-Jan-17			■ RW8D(B2 to B1) - Sub-soil & Backfilling to Base									
Re-open Hing Fat Street Footpath to Plubic (Request by VPMO)		111d	03-Dec-16 A	14-Mar-17												

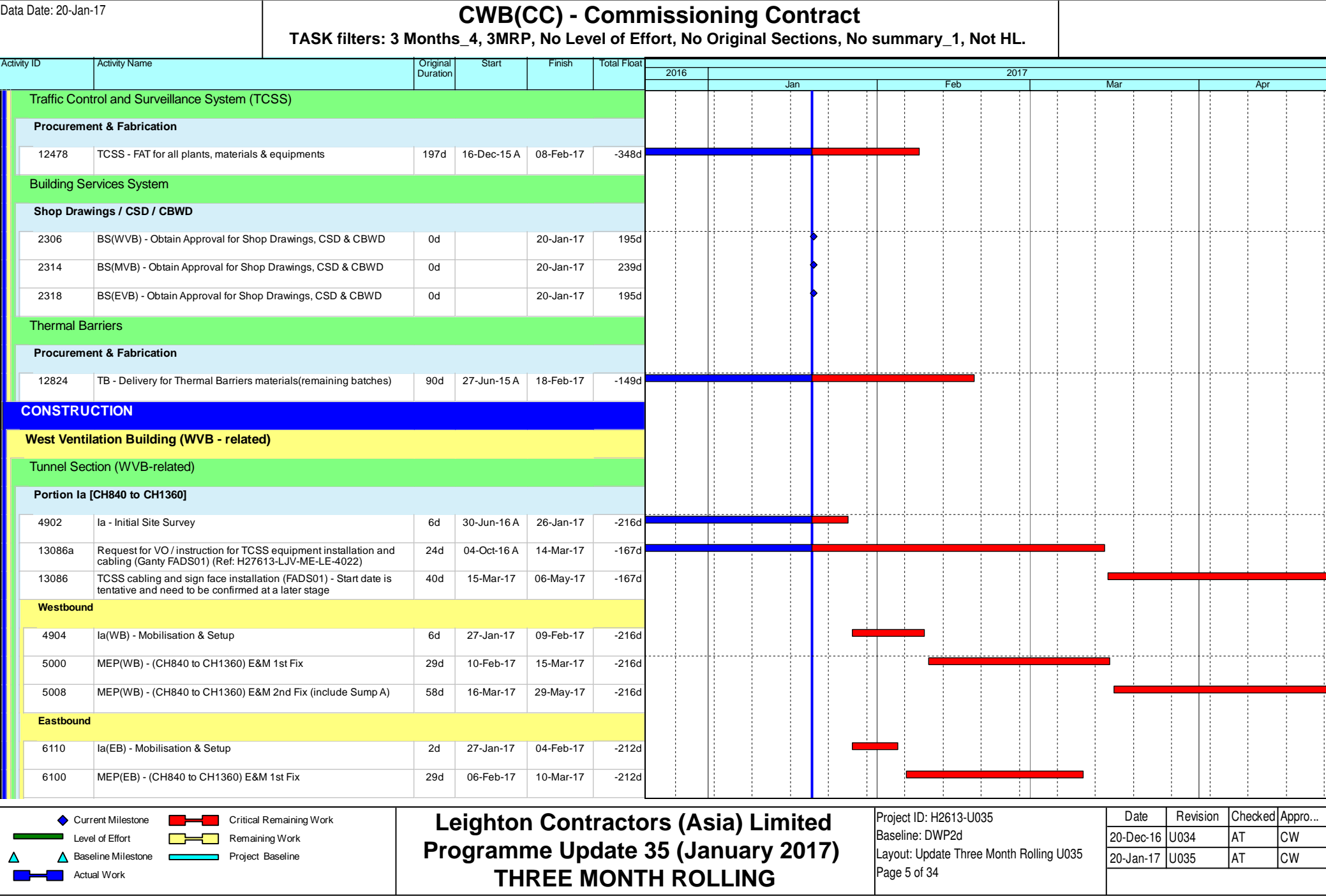
Activity ID	Activity Name	Original Duration	Start	Finish												
					2016		2017									
					Dec		Jan		Feb		Mar			Apr		
A4590	Backfilling of Wall after Completion of RW8D Construction	9d	03-Dec-16 A	07-Dec-16 A	Wall after Completion of RW8D Construction											
A4600	Reinstatement of footpath for temp open to public	9d	07-Dec-16 A	14-Dec-16 A	Reinstatement of footpath for temp open to public											
A4610	Re-open Hing Fat Street Footpath for Plubic (From 5m CCTV footing to subway)	90d	15-Dec-16 A	14-Mar-17												
Works along RW8D During Reopen Hing Fat Street Footpath to Public		63d	03-Jan-17	07-Mar-17												
A4910	Cross Road Duct to Connect C19 Cable Draw Pit at Isalnd in Tsing Fung Street	45d	03-Jan-17*	28-Feb-17												
A4920	Demolition of Wall Head of Existing Retaining Wall at Tsing Fung Street	14d	19-Jan-17	08-Feb-17												
A4930	Install Steel Vechile Parapet on Wall Top from RW8D to RW8C	14d	07-Feb-17	21-Feb-17												
A4940	Minor Road Works above Demolished Wall Head	14d	08-Feb-17	24-Feb-17												
A4950	Realign & Provide the New Road Marking From Hing Fat Street to Tsing Fung Street	7d	25-Feb-17	07-Mar-17												
Retaining Walls RW8E, Sign Footings & Sewer Pipe (SK266G, SK539C, SK375B)		14d	15-Mar-17	30-Mar-17												
A4620	Excavate and lay blinding layer of RW8E	14d	15-Mar-17	30-Mar-17												
Foul Drain Pipe (VP Area, SK266G, SK265C & SK226L)		76d	14-Nov-16 A	21-Feb-17												
A4480	MH2-68B to MH2-69	14d	14-Nov-16 A	12-Dec-16 A	2-68B to MH2-69											
A4490	MH2-69 to MH2-70	14d	30-Dec-16	16-Jan-17												
A4440	MH2-63 to MH2-64 (under temp containers)	14d	16-Jan-17*	04-Feb-17												
A4460	MHA (beside pump sump E) to MH2-61	14d	04-Feb-17	21-Feb-17												
Storm Drain Pipe behind RW8C along Tsing Fung Street (SK547A)		60d	21-Nov-16 A	16-Jan-17												
A4510	MH TFS-03 to MH TFS-04 (with gully)	14d	21-Nov-16 A	14-Dec-16 A	MH TFS-03 to MH TFS-04 (with gully)											
A4520	MH TFS-04 to TFS-04a	11d	05-Dec-16 A	09-Dec-16 A	4 to TFS-04a											
A4530	TFS-04a to Extg MH A1	11d	10-Dec-16 A	15-Dec-16 A	TFS-04a to Extg MH A1											
A4540	MHTFS-05 to extg MH A3 (gully)	14d	30-Dec-16	16-Jan-17												
Sign Footings at Victoria Park		75d	30-Dec-16	31-Mar-17												
A4570	Construction of 5m CCTV, AID, OHVD, TSG, luminance meter at verge inside VP	60d	30-Dec-16	14-Mar-17												
A4580	All drawpits (ATC, E&M and lighting) and ductings at verge inside VP (SK375B)	60d	18-Jan-17	31-Mar-17												
Boundary Fence, Type 2 Railing Footings & Fence Wall From RW8C to Zone B		188d	23-Dec-16 A	05-Jul-17												
A4710	Modification of extg type 2 railing footing in front of RW8C (approx. 40m)	30d	23-Dec-16 A	14-Mar-17												
A4700	Construction of boundary fenceadjacent RW8C toe wall (approx. 40m)	30d	30-Dec-16*	07-Feb-17												
A4990	Abour Footings Construction	14d	11-Mar-17	25-Mar-17												
A4720	Construction of boundary fence (approx. 460m)	90d	15-Mar-17	05-Jul-17												
A5000	Shelter & Benches Installation	21d	25-Mar-17	15-Apr-17												
A4730	Fence wall between BGO and Zone A (60m)	30d	24-Nov-17 A	11-Mar-17												
Other Storm, Sewerage Pipe & Irrigation System in VP (SK336D, SK539C)		70d	04-Feb-17	04-May-17												
A4740	FMH-B03 to Extg 1-40 (8 MHs and 7 foul pipeline)	40d	04-Feb-17	23-Mar-17												
A4780	Complete Backfilling & Removal Top Two Layer of Strut at Bay 3 of Zone B	14d	01-Mar-17*	16-Mar-17												
A4760	MHB (beside pump sump E) to MH2-70 (300 dia. stormwater pipeline)	14d	17-Mar-17	01-Apr-17												
A4750	SHM-B01 to Extg. MH A3 (4 MHS and 4 storm pipeline)	30d	23-Mar-17	04-May-17												
Preparation Works before Implementation TTA at Central Median		64d	30-Dec-16	04-Mar-17												
A4790	Construction of drawpit, ducting and remedial work on top of RW8C etc on top of RW8C	30d	30-Dec-16	07-Feb-17												
A4800	Lay temp bituminous pavement for road diversion beside RW8C (Incl. Steel Vehicle Parapet on RW8C)	20d	08-Feb-17	02-Mar-17												
A4810	Implement TTA for Closing Central Median at Tsing Fung Street	1d	03-Mar-17	04-Mar-17												
Centre Median at Tsing Fung Street (SK375B, SK226L)		60d	04-Mar-17	19-May-17												
A4820	Construct VMS6, LCS footing, ATC drawpit and ducts , steel vehicle parapet	60d	04-Mar-17	19-May-17												
Works in Victoria Park (KD4, KD5, KD9)		153d	10-Oct-16 A	02-Jun-17												
Re-Provisioning Works		153d	10-Oct-16 A	02-Jun-17												

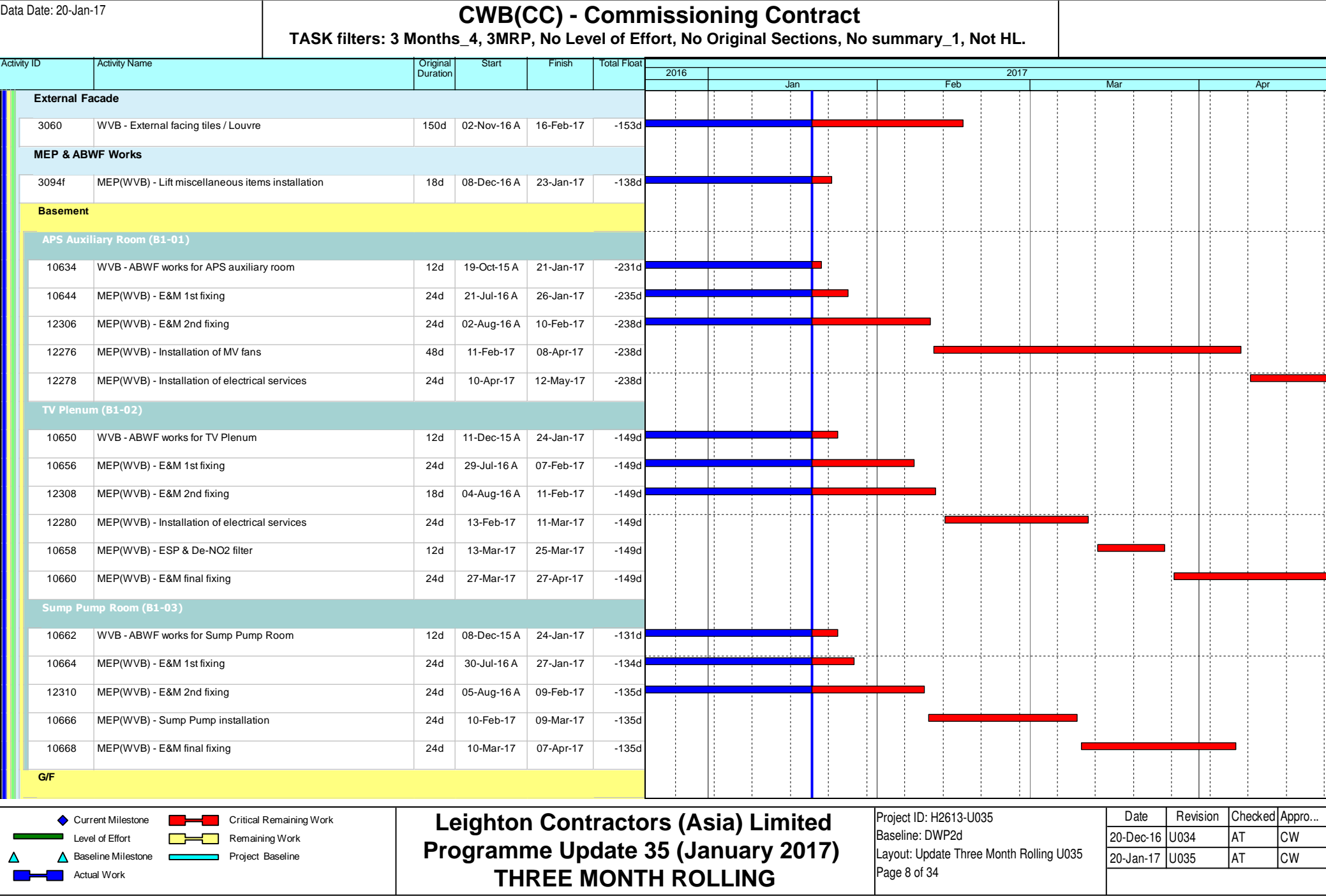
Activity ID	Activity Name	Original Duration	Start	Finish										
					2016		2017							
					Dec		Jan	Feb	Mar	Apr				
Nursery Compound														
Submission														
ABWF Submission														
Material														
VP_NC_1050	ABWF Materail - ER Review and Approval	28d	18-Oct-16 A	30-Dec-16			ABWF Materail - ER Review and Approval							
VP_NC_1060	ABWF Issue P.O. / MAnufacturing / Fabrication	30d	30-Dec-16	07-Feb-17				ABWF Issue P.O. / MAnufacturing / Fabrication						
VP_NC_1070	ABWF Materail Delivery	30d	08-Feb-17	14-Mar-17					ABWF Materail Delivery					
Shop Drawing														
VP_NC_1080	ABWF Shop Drawing - Submission	21d	10-Oct-16 A	31-Dec-16			ABWF Shop Drawing - Submission							
VP_NC_1090	ABWF Shop Drawing - ER Review and Approval	60d	03-Jan-17	16-Mar-17					ABWF Shop Drawing - ER Review and Approval					
E&M Submission														
Material														
VP_NC_1130	E&M Materail - ER Review and Approval	28d	21-Oct-16 A	06-Jan-17			E&M Materail - ER Review and Approval							
VP_NC_1140	E&M Issue P.O. / MAnufacturing / Fabrication	15d	07-Jan-17	24-Jan-17			E&M Issue P.O. / MAnufacturing / Fabrication							
VP_NC_1150	E&M Materail Delivery	30d	25-Jan-17	03-Mar-17				E&M Materail Delivery						
Shop Drawing														
VP_NC_1160	E&M Shop Drawing - Submission	21d	07-Jan-17	03-Feb-17			E&M Shop Drawing - Submission							
VP_NC_1170	E&M Shop Drawing - ER Review and Approval	30d	04-Feb-17	10-Mar-17				E&M Shop Drawing - ER Review and Approval						
Nursery compound														
A4370	Backfill to ground slab and beams (including underground PE pipes installation work)	8d	24-Nov-16 A	03-Dec-16 A			and beams (including underground PE pipes installation work)							
A4380	Construction of ground slab and beams	7d	09-Dec-16 A	30-Dec-16			Construction of ground slab and beams							
A4390	Fix rebar and erect walls, columns, falsework and fwk to roof slab and beams	12d	30-Dec-16	13-Jan-17			Fix rebar and erect walls, columns, falsework and fwk to roof slab and beams							
A4400	Construction of roof slab and beams	7d	14-Jan-17	21-Jan-17			Construction of roof slab and beams							
A4410	Concreting of two concrete plinths, 150 thick curbs and 1450H parapet wall above roof slab	7d	23-Jan-17	02-Feb-17				Concreting of two concrete plinths, 150 thick curbs and 1450H parapet wall above roof slab						
A4420	ABWF, Plumbing Works, waterproofing and E&M works	60d	17-Mar-17	02-Jun-17										
Sea Wall Reinstatement & Reverting Traffic for IEC,VP Rd & TF St (KD9)														
Reinstatement Existing Slopping & Vertical Sea Wall														
Major Reinstatement Works for Seawall Reinstatement														
Stage 1														
A5040	Diversion of Temporary Pedestrian Walkway on D-wall	7d	02-Mar-17	09-Mar-17										
TTA Revert Traffic Back to Original Alignment														
Preparation Works - Backfill of Zone C to Top of Tunnel Structure														
A5780	Curing to Roof Slab of Zone C	3d	15-Feb-17	18-Feb-17										
A5790	Waterproofing & Screeding to Roof	4d	18-Feb-17	22-Feb-17										
A5800	Load Transfer for King Post	6d	22-Feb-17	28-Feb-17										
A5810	Make Good Box-out Left by King Post	2d	28-Feb-17	02-Mar-17										
A5820	Backfill to Formation & Remove Struts SL1 to SL3 (Approx. 7m)	33d	02-Mar-17	04-Apr-17										
KD11, KD12, KD13, KD18 Establishment Works for Landscape Softworks														
KD11 - Section 7A: Portion XIV & XV (Victoria Park Open Space)														
EW_1000	Establishment Works - for Landscape Softworks and transplanted trees in Portion XIV & XV	901d	23-Feb-15 A	14-Dec-17										
KD12 - Section 7B: Portion VI & VII (Reprov. Bowling Green Area)														
EW_1010	Establishment Works - for Landscape Softworks and transplanted trees in Portion VI & VII	177d	03-Dec-15 A	30-Dec-16										
KD10 - Preservation and Protection of Trees														
PPT_0000	Preservation and Protection of Existing Trees	1088d	21-Mar-13 A	30-Dec-16										

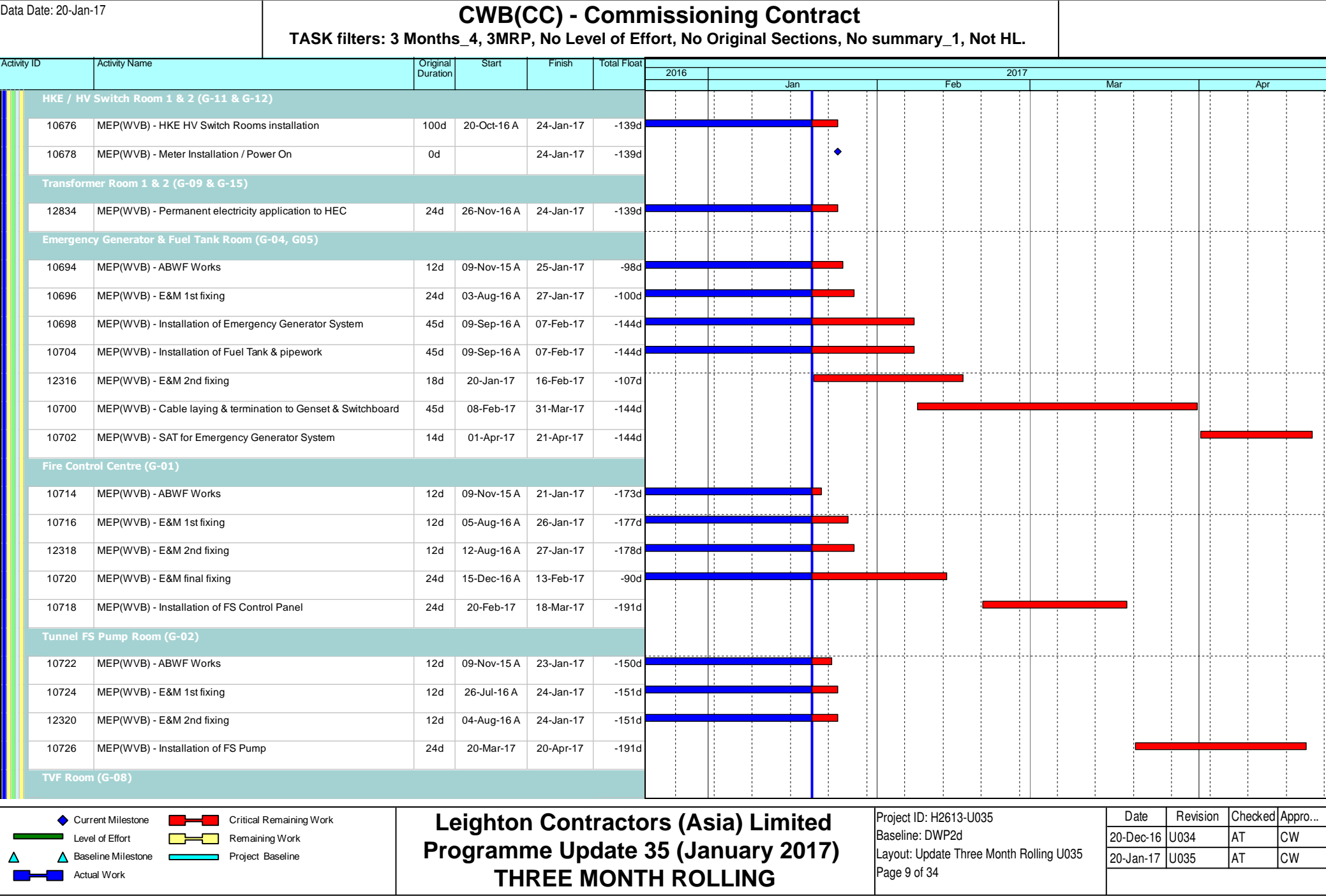
Activity ID	Activity Name	Original Duration	Start	Finish	2016				2017											
					Dec				Jan			Feb			Mar			Apr		
	KD15 & KD8 - Mooring Components Upkeep (CBTS and ATS)	1423d	21-Mar-13 A	30-Dec-16																
MAR_2000	Mooring Upkeep at Portion XIX(19) & XX(20) - ATS (if instructed by Engineer)	1399d	21-Mar-13 A	30-Dec-16																
MAR_3020	Mooring Upkeep at Portion X(10) & XVI(16) - CBTS	979d	15-May-14 A	30-Dec-16																
	Works for Public Works Regional Laboratory (North Lantau) - KD1,KD16,KD17)	1301d	19-Jul-13 A	21-Nov-17																
	KD17 - Maintenance and Upkeep of New PWRL (Portion XVII)	1301d	19-Jul-13 A	21-Nov-17																
PWRL_1050	Maintenance/ Upkeep of New PWRL	1301d	19-Jul-13 A	21-Nov-17																

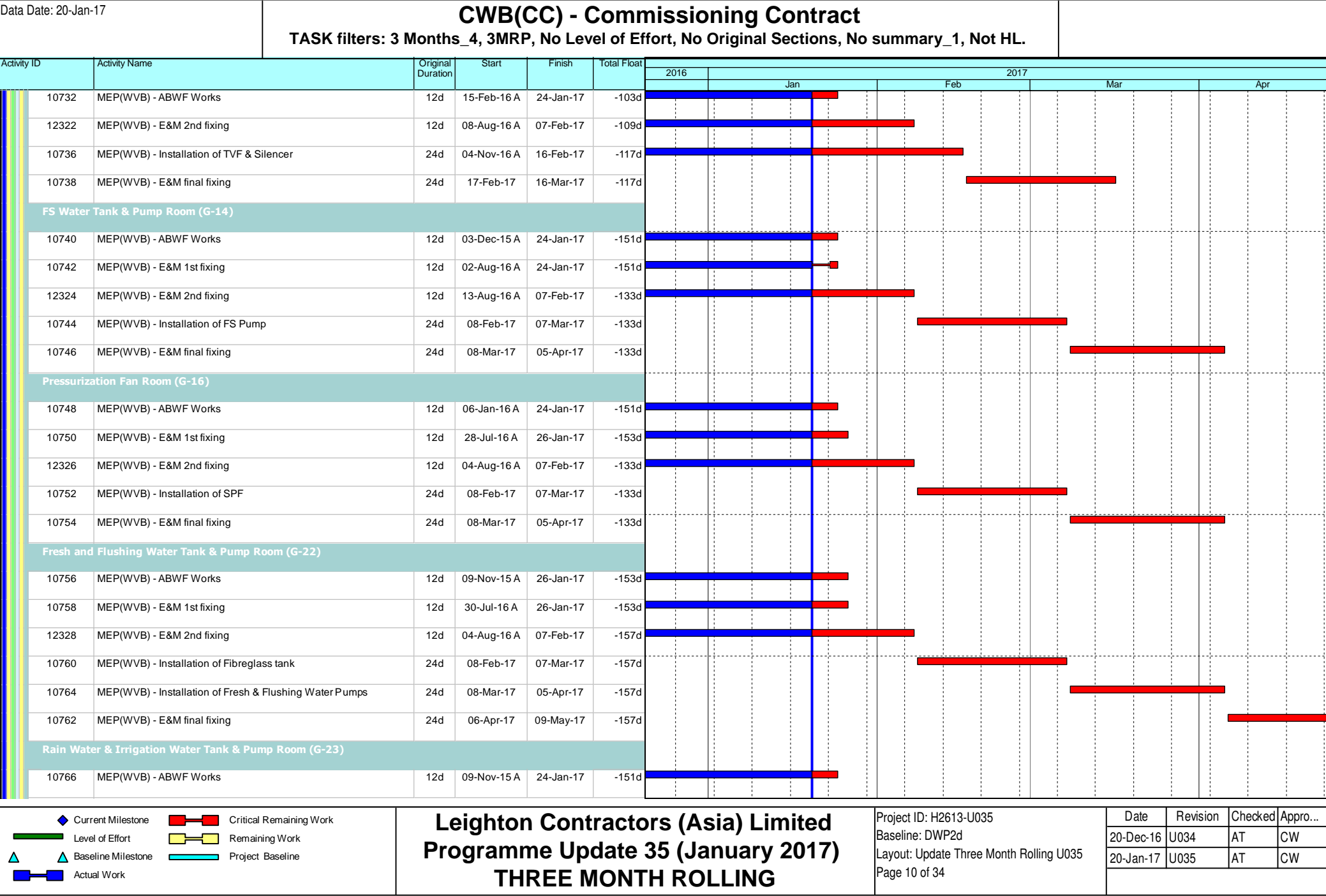
Data Date: 20-Jan-17		CWB(CC) - Commissioning Contract				TASK filters: 3 Months_4, 3MRP, No Level of Effort, No Original Sections, No summary_1, Not HL.								
Activity ID	Activity Name	Original Duration	Start	Finish	Total Float									
Update 2017-01-20 CWB(CC) - Commissioning Contract (DWP R2d)						2016	2017							
							Jan		Feb		Mar		Apr	
PRELIMINARIES AND GENERAL REQUIREMENTS														
Salient Key Dates and Milestones														
Contract Key Dates														
KD001	KD1 - Achievement of Stage 1 (1054 days)	0d		16-Jan-17 A										
Possession Dates and Vacation Dates														
PO-IVb	Possession of Portion IVb (Day 930) - MVB (Split into 2 sections)	261d	20-Dec-16 A	20-Dec-16 A										
PO-VIb_a	Possession of Portion VIb (Day 761) - CH3400-3428	303d	20-Jan-17	18-Nov-17	-284d									
PO-Vb2_b	Possession of Portion V (Day 607) - SCP3	303d	20-Jan-17	18-Nov-17	-315d									
PO-IVa2	Possession of Portion IVa (Day 930) - CH2720-2950 / SR1	260d	01-Feb-17	18-Oct-17	-193d									
PO-VIIIa	Possession of Portion VIIIa (Day 929) - CH4250-4600	246d	15-Feb-17	18-Oct-17	-348d									
PO-VIIIb	Possession of Portion VIIIb (Day 929) - SR8 (CH700-350)	233d	28-Feb-17	18-Oct-17	-397d									
PO-VIIIc	Possession of Portion VIIIC (Day 1039) - SR8 (CH350-310) / SCP4	233d	28-Feb-17	18-Oct-17	-124d									
PO-IVb2	Possession of Portion IVb (Day 930) - MVB (GL D-H)	233d	28-Feb-17	18-Oct-17	-365d									
PO-IVb1	Possession of Portion IVb (Day 930) - MVB (GL A-D)	261d	31-Mar-17	16-Dec-17	-338d									
Submissions and Approvals														
Initial General Submission														
1211	Submission of 1st Project video film	0d		20-Jan-17*	-354d									
9932	Submission of 1st Project video film Video1 / Video2 (Release II)	0d		20-Jan-17*	-719d									
DETAILED DESIGN OF WORKS														
Permanent Works Design and Engineering														
Metal Roof on MVB														
2182	MVB Roof - Prepare Preliminary Design and Submission (Schematics)	48d	01-Dec-15 A	13-Feb-17	-307d									
2182a	MVB Roof - Pending for RFI reply for Schematic design	24d	14-Jan-16 A	04-Jan-17 A										
2184	MVB Roof - Finalise preliminary design and ICE Review	24d	14-Feb-17	13-Mar-17	-307d									

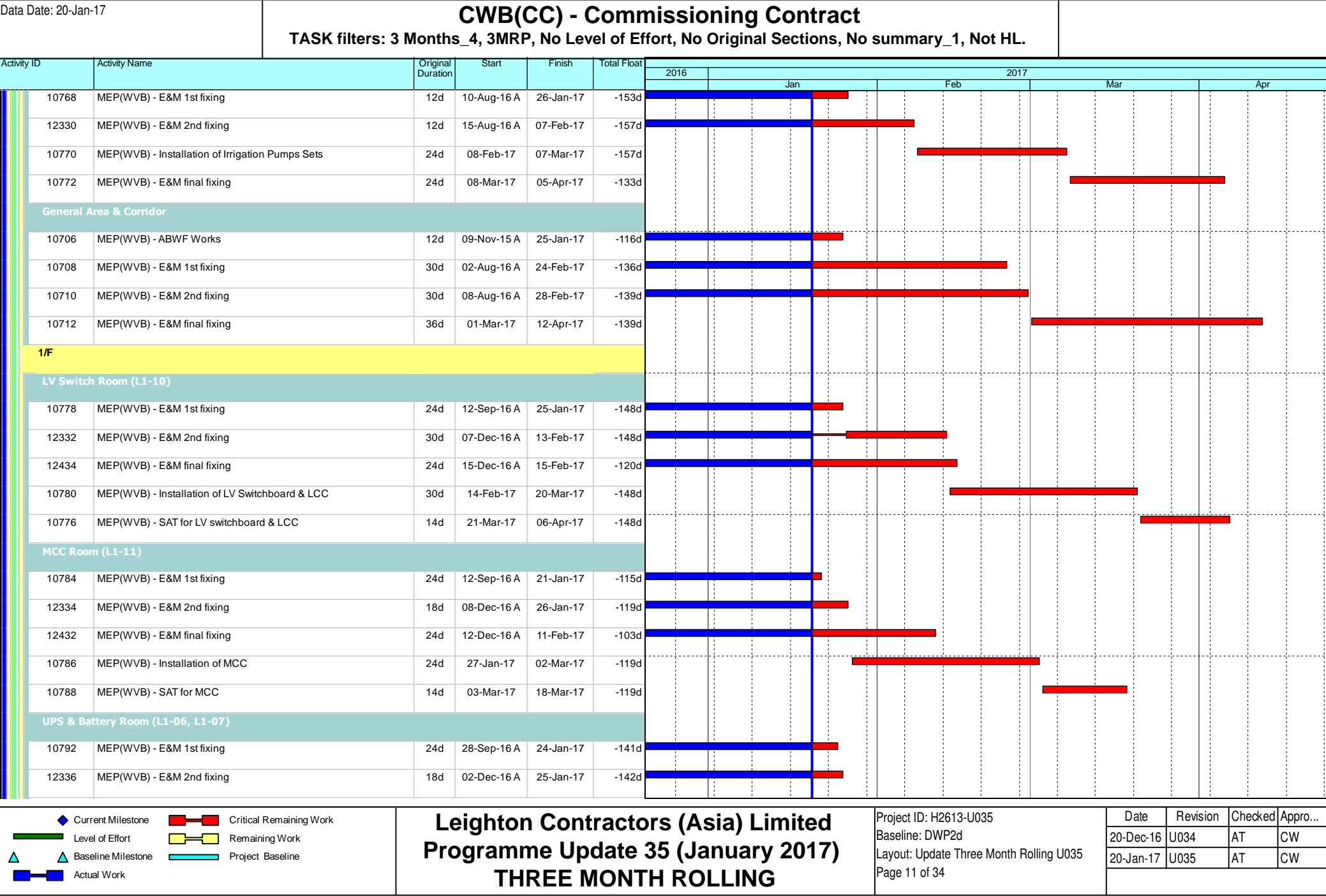


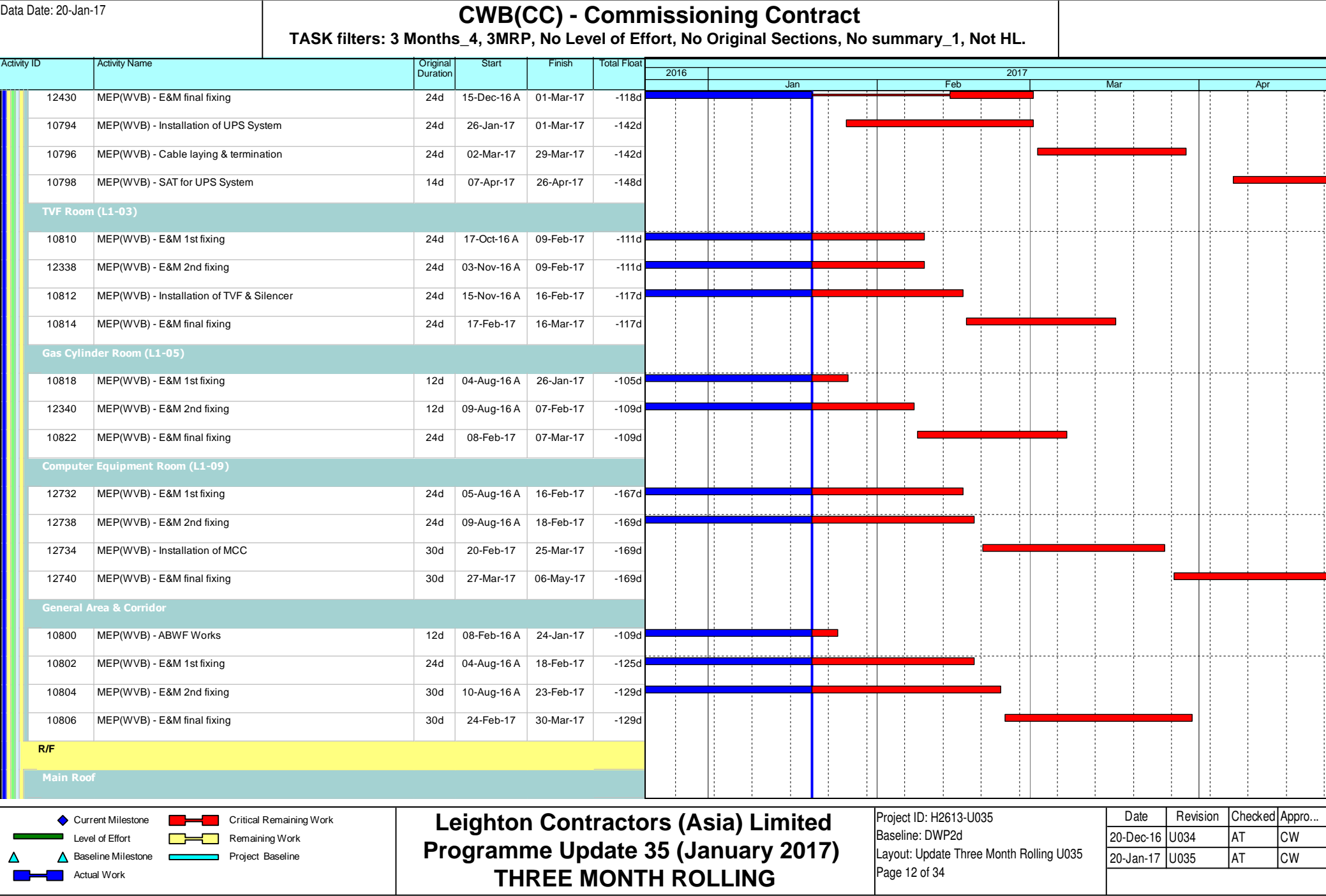


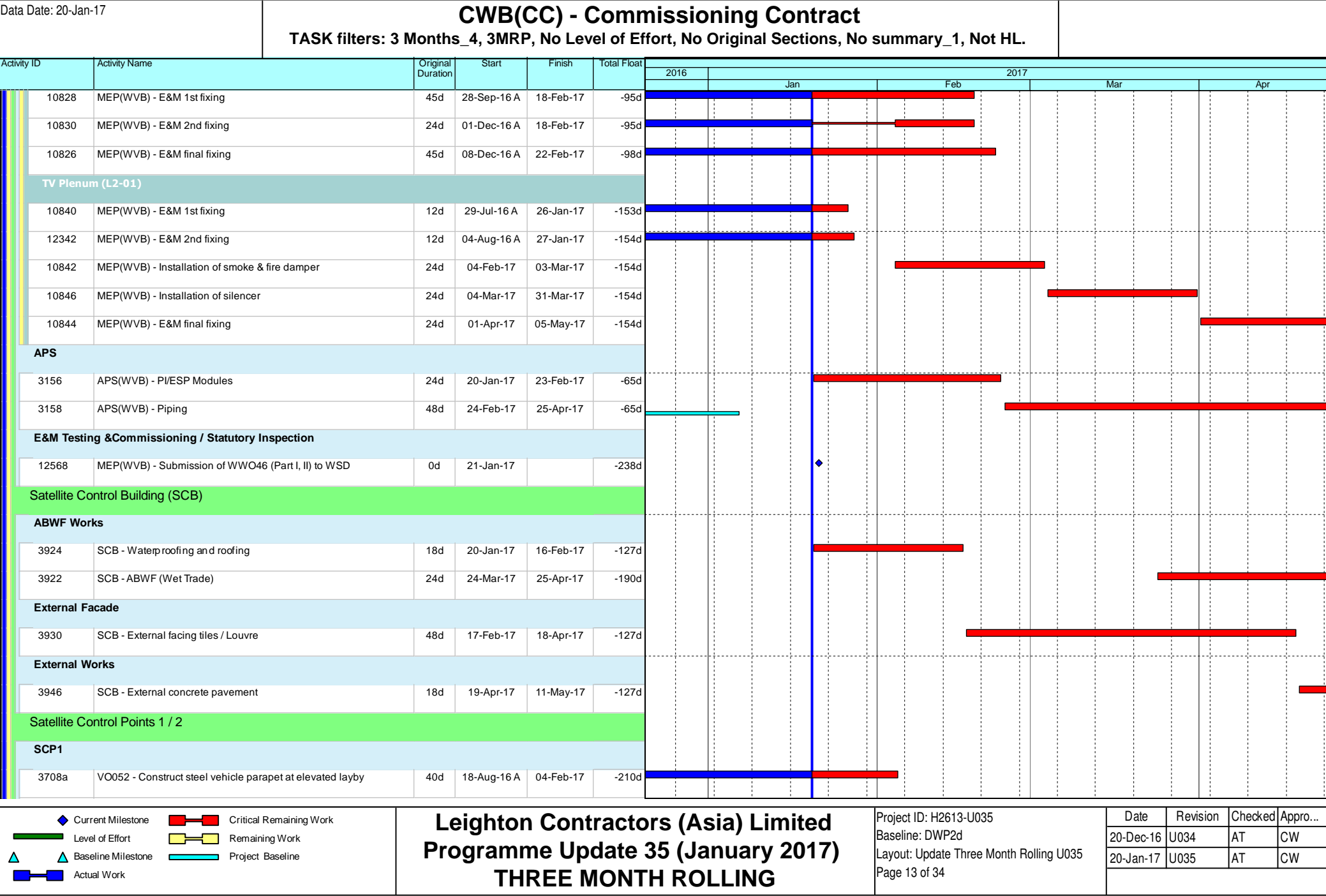


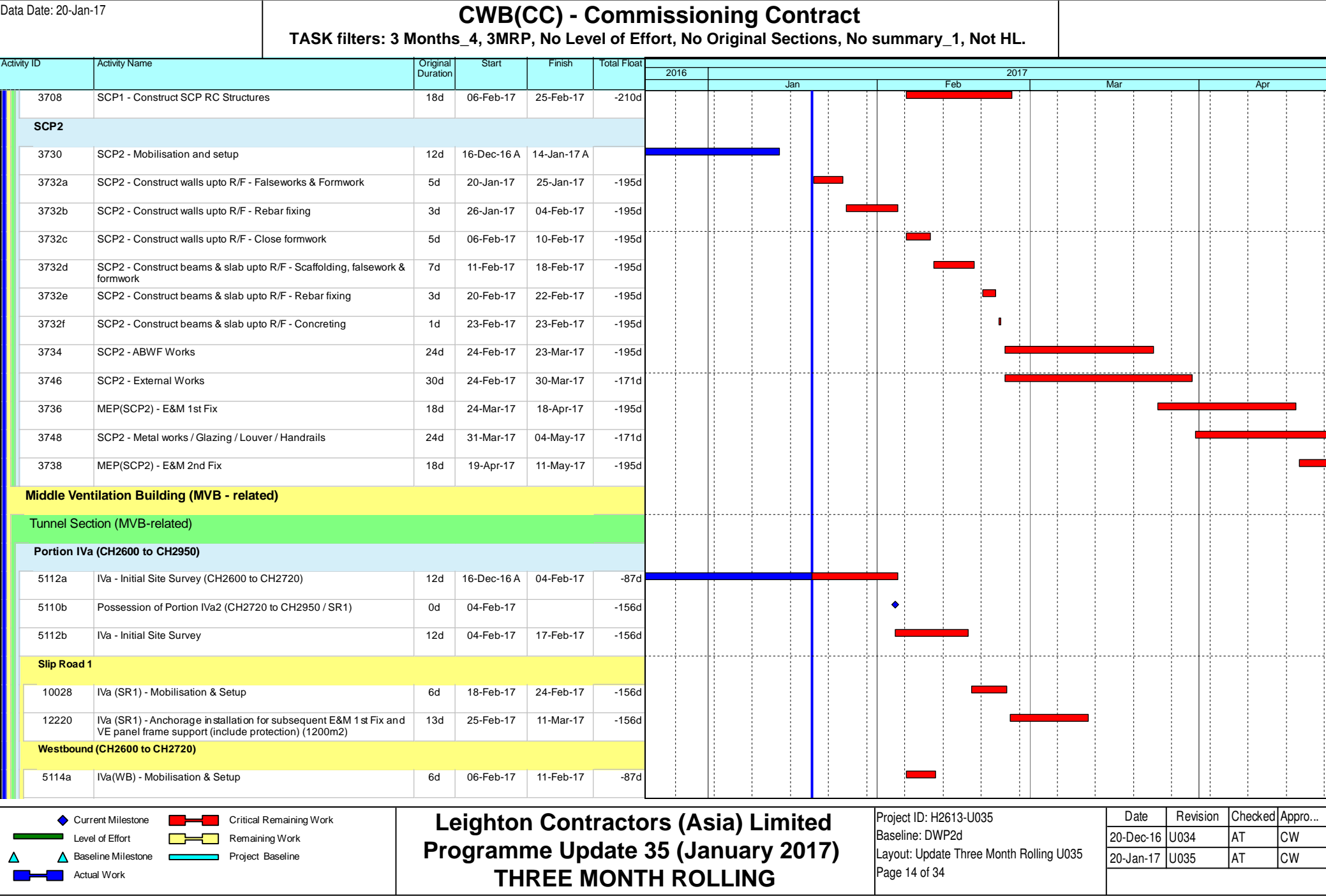


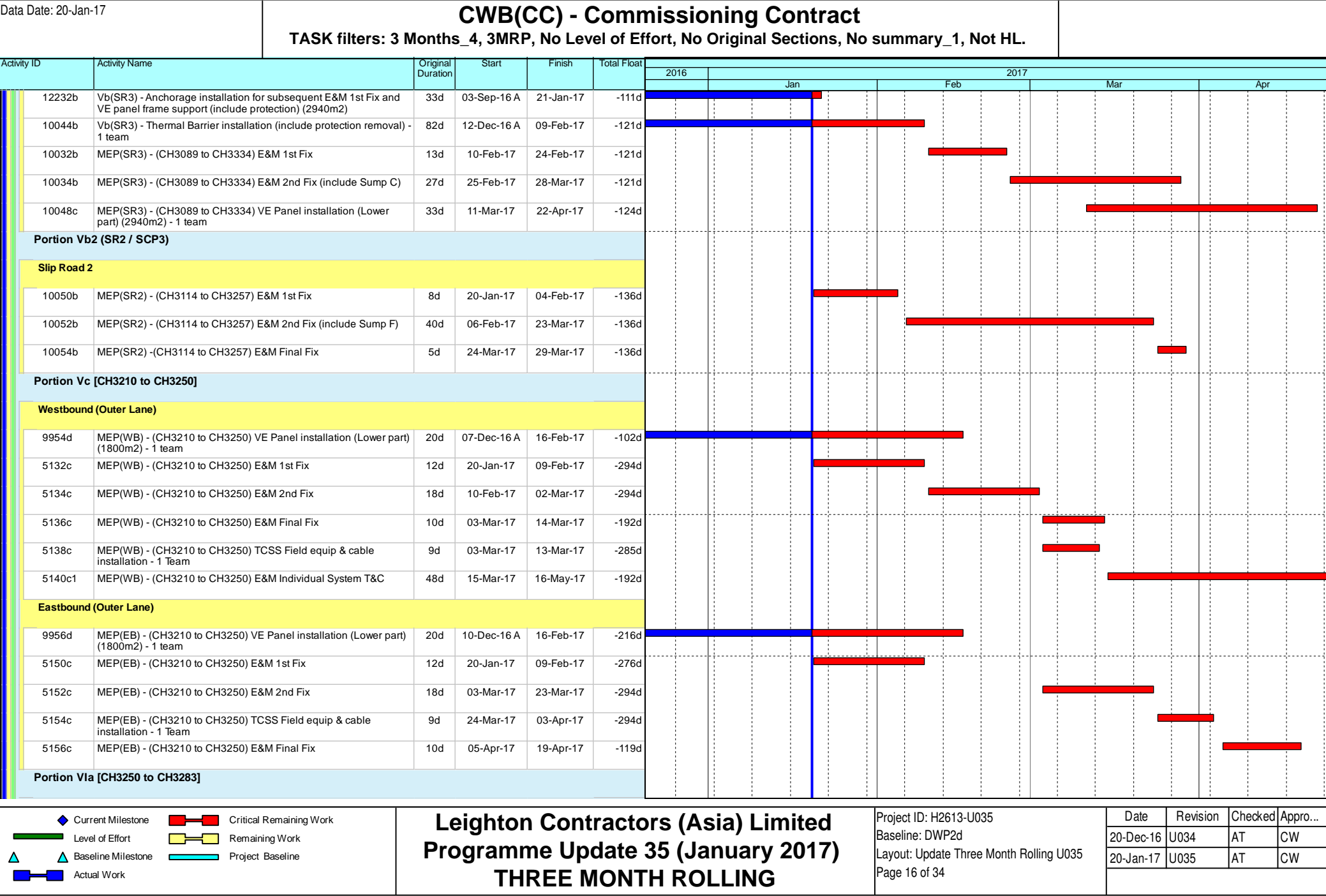


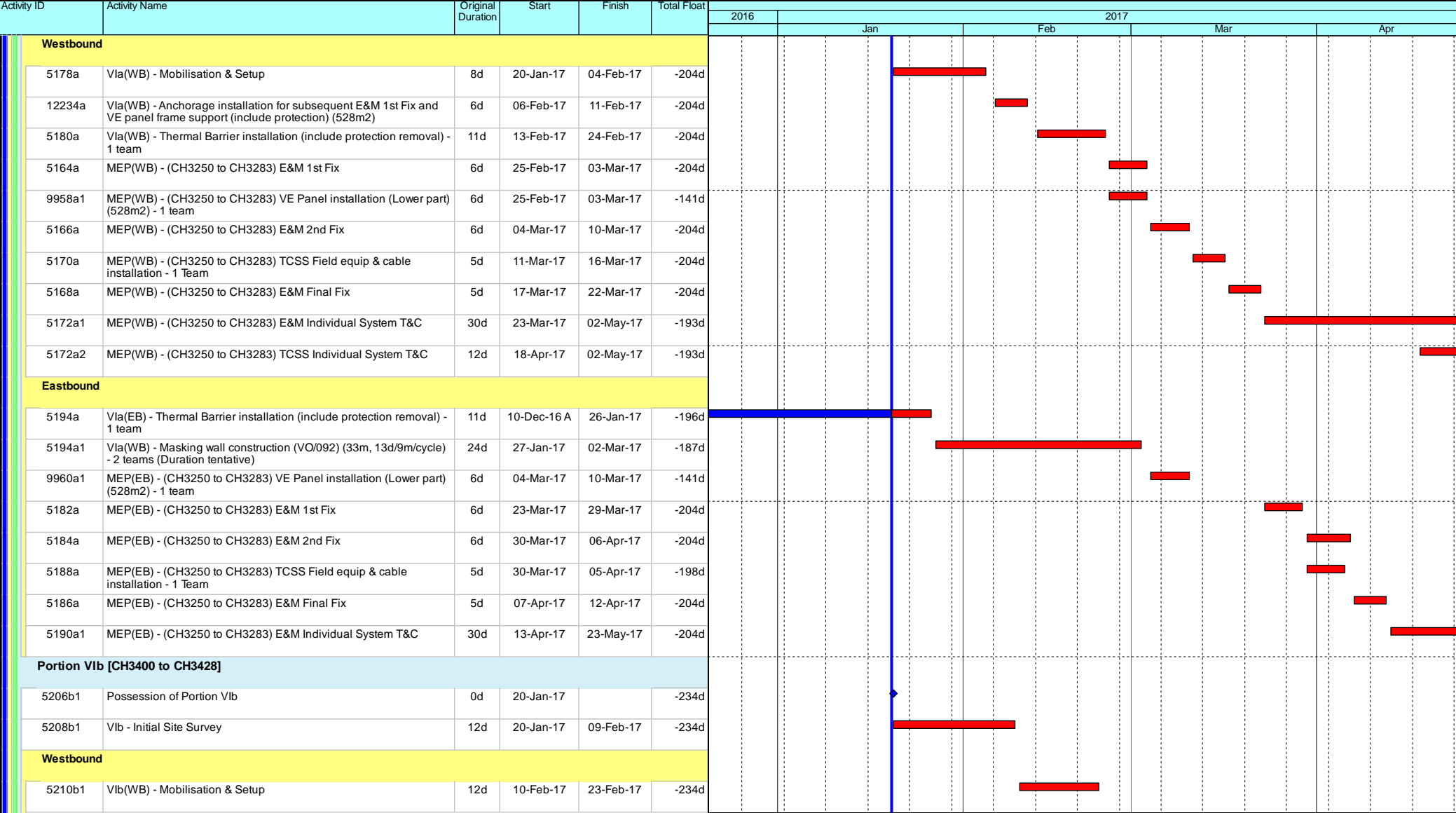


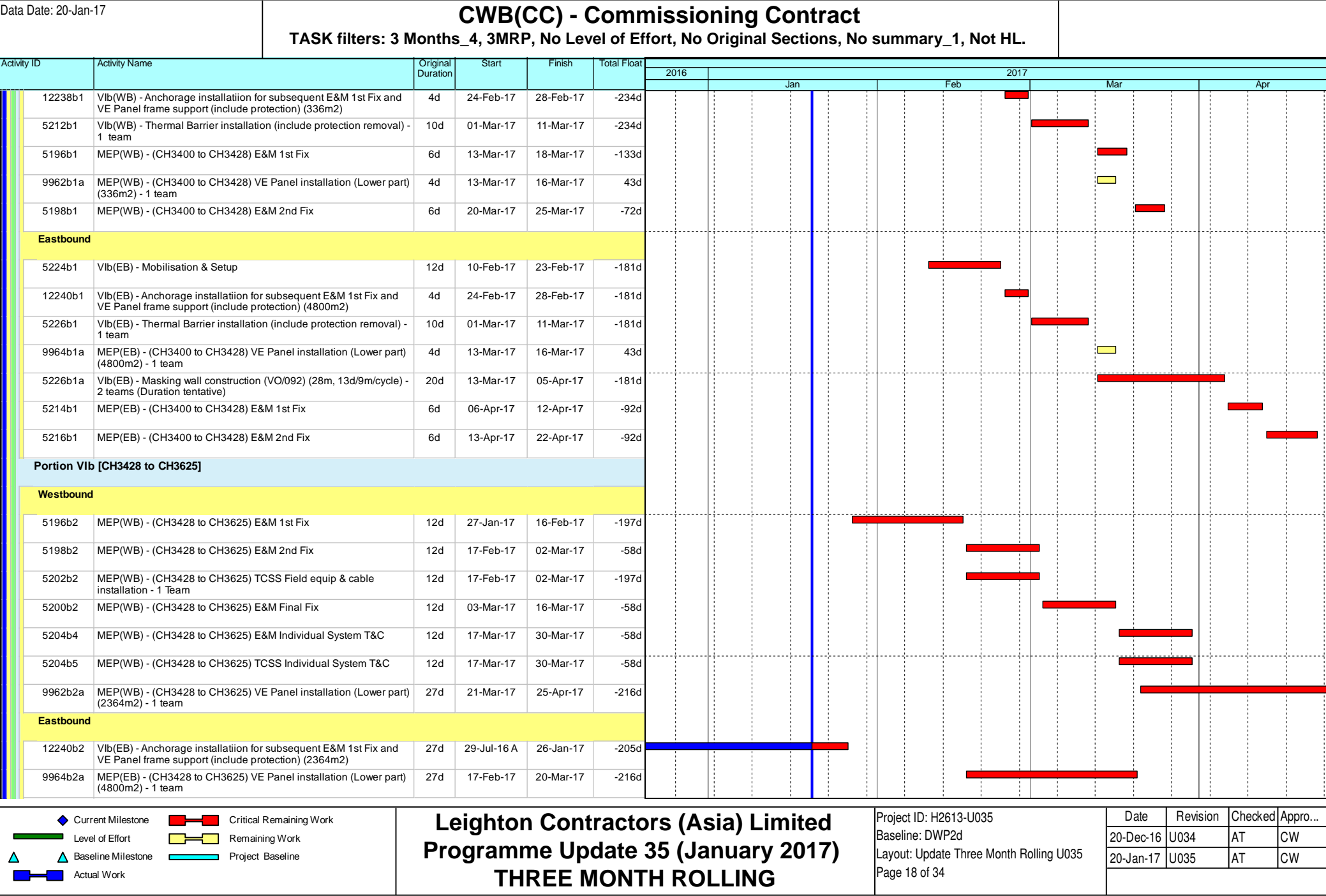










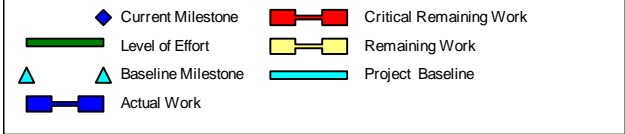


Data Date: 20-Jan-17

CWB(CC) - Commissioning Contract
TASK filters: 3 Months_4, 3MRP, No Level of Effort, No Original Sections, No summary_1, Not HL.

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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2016		2017																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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5226b2a	Vlb(EB) - Masking wall construction (VO/092) (197m, 13d/9m/cycle) - 4 teams (Duration tentative)	71d	06-Apr-17	05-Jul-17	-181d																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				

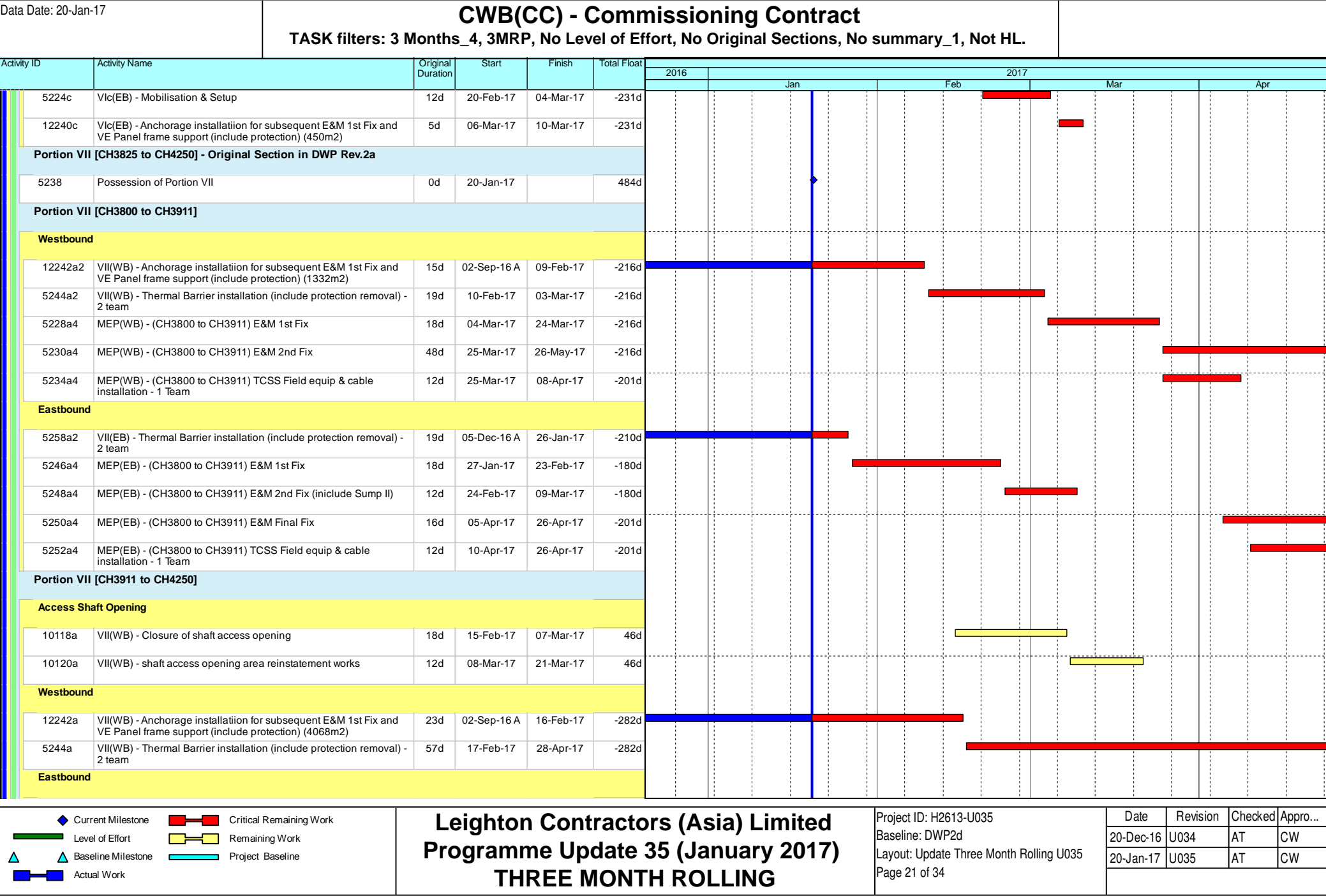


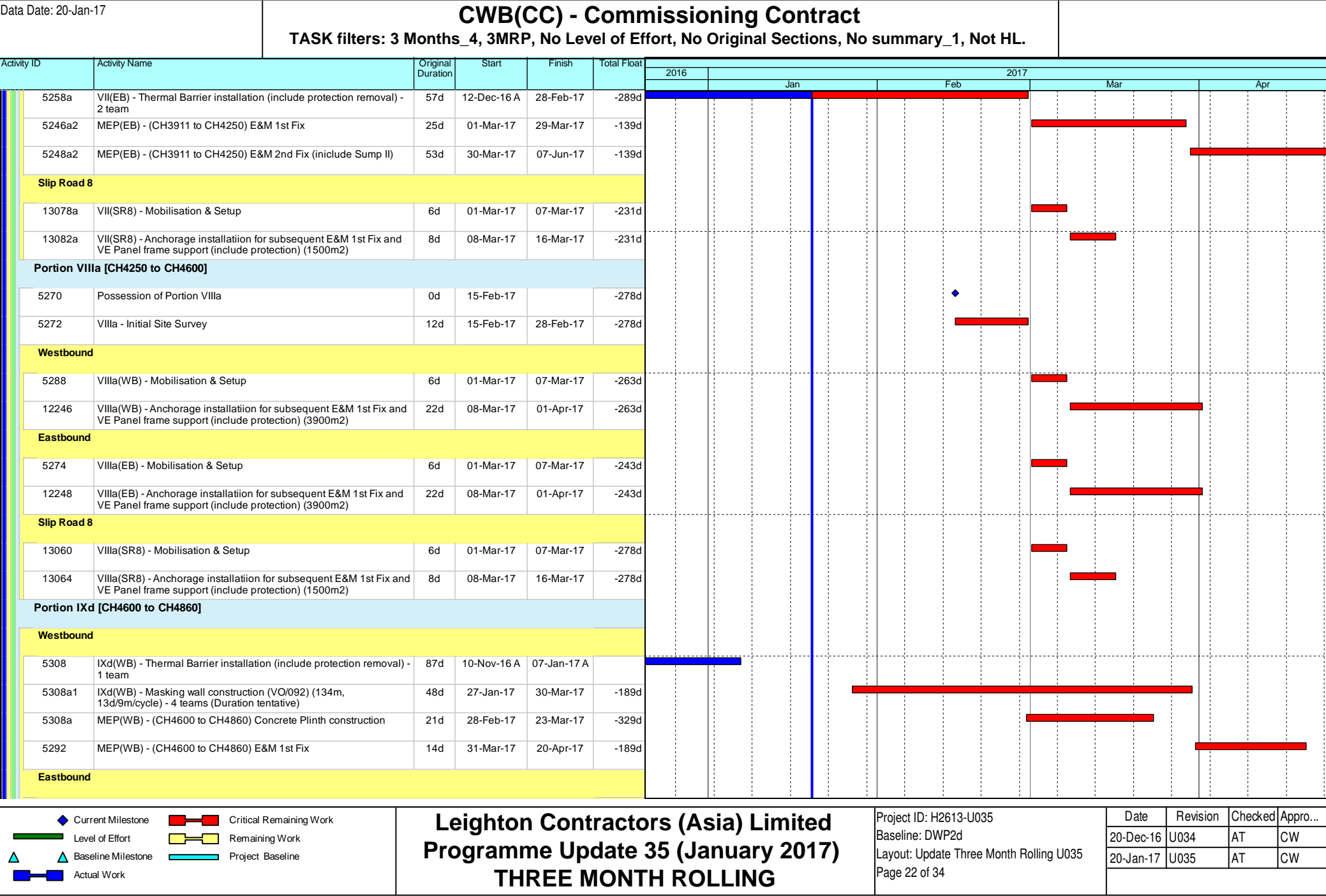
**Leighton Contractors (Asia) Limited
Programme Update 35 (January 2017)
THREE MONTH ROLLING**

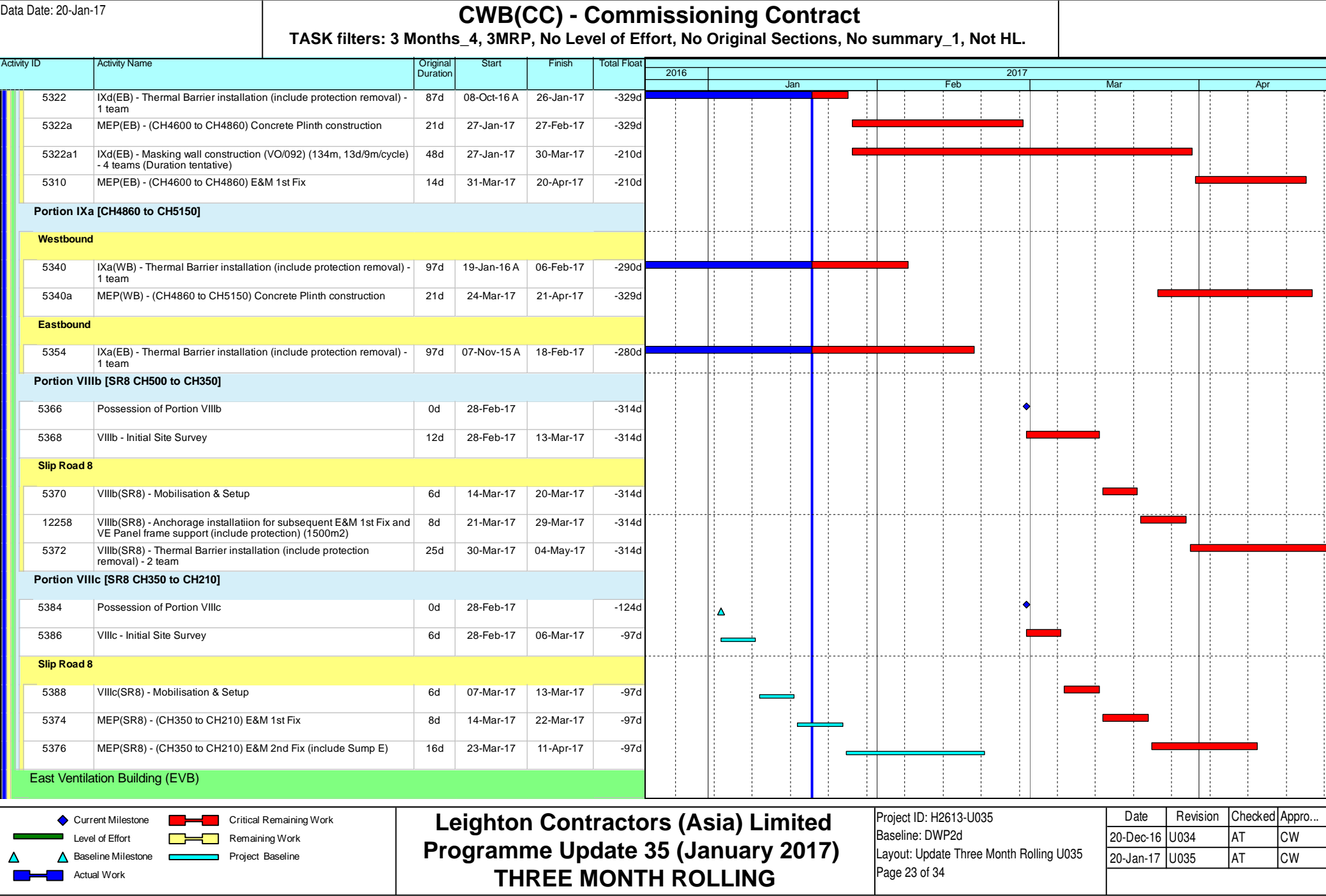
Project ID: H2613-U035
Baseline: DWP2d
Layout: Update Three Month Rolling U035
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Date	Revision	Checked	Appro...
20-Dec-16	U034	AT	CW
20-Jan-17	U035	AT	CW

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Data Date: 20-Jan-17			CWB(CC) - Commissioning Contract															
			TASK filters: 3 Months_4, 3MRP, No Level of Effort, No Original Sections, No summary_1, Not HL.															
Activity ID	Activity Name	Original Duration	Start	Finish	Total Float													
						2016	2017											
							Jan			Feb			Mar			Apr		
11524	EVB 1/F - Rebar fixing for column / walls	6d	27-Jan-17	09-Feb-17	-223d													
11526	EVB 1/F - Concrete for column / walls	1d	10-Feb-17	10-Feb-17	-223d													
11528	EVB 1/F - Scaffolding for beam & slab	8d	11-Feb-17	20-Feb-17	-223d													
11530	EVB 1/F - Decking / Formwork for beam & slab	8d	16-Feb-17	24-Feb-17	-223d													
11532	EVB 1/F - Rebar for beam & slab	12d	20-Feb-17	04-Mar-17	-223d													
11534	EVB 1/F - Close formwork for beam & slab	8d	06-Mar-17	14-Mar-17	-223d													
11536	EVB 1/F - Concrete beam & slab	1d	15-Mar-17	15-Mar-17	-223d													
L1-02 Irrigation Water Tank & Pump Room																		
11780	EVB 1/F (L1-02) - Internal walls / Cast-in items	1d	15-Mar-17	15-Mar-17	-161d													
11782	EVB 1/F (L1-02) - Plinths for F.S. Pump	6d	30-Mar-17	06-Apr-17	-173d													
11784	EVB 1/F (L1-02) - Water Tank	20d	07-Apr-17	05-May-17	-173d													
L1-05 MCC Room 1																		
11786	EVB 1/F (L1-08) - Internal walls / Cast-in items	1d	15-Mar-17	15-Mar-17	-171d													
L1-08 LV Switch Room																		
11568	EVB 1/F (L1-08) - Internal walls / Cast-in items	1d	15-Mar-17	15-Mar-17	-159d													
L1-09 MCC Room 2																		
11788	EVB 1/F (L1-08) - Internal walls / Cast-in items	1d	15-Mar-17	15-Mar-17	-159d													
1/F (GL A-D) Other Rooms / Corridors / Staircase																		
11580	EVB 1/F (GL A-D) - Remaining Internal walls / Cast-in items	1d	15-Mar-17	15-Mar-17	-123d													
11582	EVB 1/F (GL A-D) - Plinths / R.C. curbs	12d	07-Apr-17	24-Apr-17	-66d													
MEP & ABWF Works																		
Basement 2 - APS Auxiliary Room / APS Plant Area 1 / APS Plant Area 2 / APS Plant Area 3																		
3556	APS(EVB) - ABWF works	12d	30-Mar-17	13-Apr-17	-216d													
12292	APS(EVB) - E&M 1st fixing	24d	18-Apr-17	17-May-17	-216d													
Basement 2 - Sump Pump Room (B2-12)																		

Data Date: 20-Jan-17			CWB(CC) - Commissioning Contract																
			TASK filters: 3 Months_4, 3MRP, No Level of Effort, No Original Sections, No summary_1, Not HL.																
Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2017													
						Jan		Feb		Mar			Apr						
11590	EVB - ABWF works for Sump Pump Room	12d	18-Apr-17	02-May-17	-204d														
Basement 1 Mezzanine (GLA - D)																			
Electrical Duc Shaft (B1M-05)																			
12954	MEP(EVB) - ABWF Works	12d	16-Mar-17	29-Mar-17	-156d														
Fireman's Lift Lobby (B1M-06)																			
12962	MEP(EVB) - ABWF Works	12d	30-Mar-17	13-Apr-17	-156d														
Lobby (B1M-07)																			
12970	MEP(EVB) - ABWF Works	12d	18-Apr-17	02-May-17	-156d														
Basement 1 (GLA - D)																			
General Area & Corridor																			
11606	MEP(EVB) - ABWF Works	12d	16-Mar-17	29-Mar-17	-216d														
11608	MEP(EVB) - E&M 1st fixing	45d	18-Apr-17	12-Jun-17	-195d														
Basement 1 (GL D - L)																			
Sump Pump Room (B1-15)																			
11614	EVB - ABWF works for Sump Pump Room	12d	16-Mar-17	29-Mar-17	-204d														
11616	MEP(EVB) - E&M 1st fixing	12d	30-Mar-17	13-Apr-17	-204d														
12386	MEP(EVB) - E&M 2nd fixing	12d	18-Apr-17	02-May-17	-204d														
Water Tank & Pump Room (B1-16)																			
11630	MEP(EVB) - ABWF Works	12d	30-Mar-17	13-Apr-17	-204d														
11632	MEP(EVB) - E&M 1st fixing	12d	18-Apr-17	02-May-17	-204d														
TVF Room 3 (B1-19)																			
11622	MEP(EVB) - ABWF Works	12d	18-Apr-17	02-May-17	-204d														
Basement 1 (GL L - O)																			
Tunnel F.S.Water Tank & Pump Room (B1-02)																			
11638	MEP(EVB) - ABWF Works	12d	17-Oct-16 A	07-Feb-17	-77d														

Data Date: 20-Jan-17			CWB(CC) - Commissioning Contract															
			TASK filters: 3 Months_4, 3MRP, No Level of Effort, No Original Sections, No summary_1, Not HL.															
Activity ID	Activity Name	Original Duration	Start	Finish	Total Float													
						2016	2017											
							Jan		Feb		Mar		Apr					
11640	MEP(EVB) - E&M 1st fixing	12d	08-Feb-17	21-Feb-17	-77d													
F.S.Water Tank & Pump Room (B1-03)																		
11646	MEP(EVB) - ABWF Works	12d	09-Sep-16 A	06-Feb-17	-156d													
11648	MEP(EVB) - E&M 1st fixing	12d	07-Feb-17	20-Feb-17	-156d													
12394	MEP(EVB) - E&M 2nd fixing	12d	21-Feb-17	06-Mar-17	-76d													
11650	MEP(EVB) - Installation of FS Pump	24d	07-Mar-17	03-Apr-17	-76d													
Computer Equipment Room (B1-09)																		
12752	MEP(EVB) - ABWF Works	12d	09-Sep-16 A	06-Feb-17	-144d													
12754	MEP(EVB) - E&M 1st fixing	12d	21-Feb-17	06-Mar-17	-156d													
12762	MEP(EVB) - E&M 2nd fixing	12d	07-Mar-17	20-Mar-17	-115d													
12756	MEP(EVB) - Computer Equipment Installation	12d	21-Mar-17	03-Apr-17	-90d													
12760	MEP(EVB) - E&M Final fixing	14d	05-Apr-17	24-Apr-17	-90d													
UPS & Battery Room (B1-10, B1-11)																		
11662	MEP(EVB) - ABWF Works	12d	09-Sep-16 A	06-Feb-17	-132d													
11664	MEP(EVB) - E&M 1st fixing	24d	07-Mar-17	03-Apr-17	-156d													
12396	MEP(EVB) - E&M 2nd fixing	30d	05-Apr-17	15-May-17	-156d													
General Area & Corridor																		
11672	MEP(EVB) - ABWF Works	12d	07-Feb-17	20-Feb-17	-115d													
11674	MEP(EVB) - E&M 1st fixing	24d	05-Apr-17	08-May-17	-151d													
G/F (GLA - D)																		
Emergency Generator Room (G-04)																		
11680	MEP(EVB) - ABWF Works	12d	30-Mar-17	13-Apr-17	-223d													
11682	MEP(EVB) - E&M 1st fixing	30d	18-Apr-17	24-May-17	-223d													
Transformer Room 1 (G-06)																		
11690	MEP(EVB) - ABWF Works	12d	14-Feb-17	27-Feb-17	-209d													

◆ Current Milestone

Level of Effort

▲ Baseline Milestone

■ Actual Work

Critical Remaining Work

Remaining Work

Project Baseline

Leighton Contractors (Asia) Limited

Programme Update 35 (January 2017)

THREE MONTH ROLLING

Project ID: H2613-U035

Baseline: DWP2d

Layout: Update Three Month Rolling U035

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Date	Revision	Checked	Appro...
20-Dec-16	U034	AT	CW
20-Jan-17	U035	AT	CW

