



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

- APRIL 2017 -

CLIENTS:

Civil Engineering and Development
Department

and

Highways Department

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DATE:

12 May 2017

Ref.: AACWBIECEM00_0_9336L.17

12 May 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 (April 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 April 2017 received by e-mail on 12 May 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

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	CEDD	Attn: Mr. Stephen Lo	by fax: 2577 5040
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EXECUTIVE SUMMARY

- i. This is the Environmental Monitoring and Audit (EM&A) Monthly Report – [April 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/B, 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 March 2017 to 26 April 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](#)
 - [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 the defects recorded in the inspection for the end of maintenance period of Observation Deck and Staircase ST-01](#)
 - [Rectification works for cross road ducts](#)
 - [rectification works for cracks/joints with water leakage inside OHVD cells](#)
 - [Backfilling works](#)
 - [Construction of temporary wall for inside tunnel](#)
 - [Blinding layer for Hung Hing Road Flyover](#)
 - [Cleaning of cross road duct & carrier drain](#)

- Rectification works against water leakage and remedial works against concrete defects of the tunnel structure
- Outstanding works inside tunnel
- Concreting for base slab
- Removal of ELS layer S2 & S3
- Tunnel wall structure
- Concreting for roadside barrier
- Erection of scaffolding for construction of OHVD
- Concreting for OHVD slab
- Erection of scaffolding for construction of top slab

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 work at the PRE Office car park area

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
- Bridge Demolition / Construction
- Hotel Carpark Reinstatement
- Bridge E noise barrier installation
- IEC noise enclosure/barrier installation
- Excavation / Construction of retaining wall
- Removal of temporary works including beams, columns and footings for TB bridge

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 drainage
- 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,
- 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, Central Ventilation 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 exceedance were recorded at M6 – HK Baptist Church Henrietta Secondary School on 03, 10 and 26 April 2017 in the reporting month. The exceedances were concluded as non Project related.
- vi. One limit level exceedance was recorded at M5b – City Garden on 18 April 2017. The exceedance was concluded as Project related.
- vii. 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.
- viii. With respect to the non-CWB Project building construction at Oil Street, the real-time noise monitoring station RTN2a- Hong Kong Electric Centre was finely adjusted from Northeast Side to Northwestern side at Roof Top location on 03 March 2017.
- ix. 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.
- x. 24-hour real time noise monitoring was conducted at RTN2a – Hong Kong Electric Centre. No limit level exceedance was recorded in the reporting month.
- xi. 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.
- xii. 24-hour real time noise monitoring was conducted at RTN4 – Causeway Bay Community Centre. No project related exceedance was recorded in the reporting month.

Air Quality Monitoring

- xiii. 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.
- xiv. 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.
- xv. No action or limit level exceedance was recorded in the reporting month.
- xvi. Due to electricity interruption, the TSP monitoring in the reporting month are rescheduled as follow:-
The 24hr TSP monitoring at CMA3a was rescheduled from 06 March 2017 to 07 March 2017;
The 24hr TSP monitoring at CMA4a was rescheduled from 06 March 2017 to 07 March 2017;

Complaints, Notifications of Summons and Successful Prosecutions

- xvii. No environmental complaint was received in the reporting month.
- xviii. The offence under the two Summons to Defendant (Case No. ESS38444/2016 and Case No.ESS38443/2016) issued to the Contractor(s) under Contract HY/2009/19 on 06 October 2016 regarding the case against (Regulations 4(1) and 4(2) of the Air Pollution Control (Construction Dust) Regulation made under section 43 of the Air Pollution Control Ordinance, Cap311 were convicted on 03 April 2017.

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 the defects for the end of maintenance period of Observation Deck and Staircase ST-01.
- Rectification works for cross road ducts
- Rectification works for cracks/joints with water leakage inside OHVD cells
- Tunnel backfilling (rock fill Type A, Type B and filter material)
- Construction of temporary wall.
- Concreting blinding layer for Hung Hing Road flyover.
- Rebar fixing and concreting of HHR flyover.
- 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.
- Rebar fixing and concreting of base slab and walls.
- Rebar fixing and concreting of roadside barrier.
- Rebar fixing and concreting of OHVD slab.
- Rebar fixing and concreting of top slab.
- Erect scaffolding for OHVD and top slab.
- Tree Pruning Works at Fleming Road (VO No. 237)
- Tree pruning works at Fleming Road
- Sewage Works at Hung Hing Road and Wan Shing Street
- Trial pit at Hung Hing Road for sewage works.
- Construction of manhole for Wan Shing Street sewage works

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 work at the PRE Office car park area
- Re-surfacing work at Hung Hing Road

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
- Removal of temporary works including beams, columns and footings for TB bridge
- Installation of skin parapet on TB bridge
- Construction of metal roof for FEHD

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 Slip Road 1
- Construction of drainage
- 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,
- 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, Central Ventilation 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/B, 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/B, FEP-10/364/2009/B, FEP-11/364/2009/E and FEP-12/364/2009/D during the period [27 March 2017 to 26 April 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 3328
Chun Wo – Leader Joint Venture	Contractor under Contract no. HK/2009/01	Project Manager	Mr. Simon Liu	2162 9909	2587 1878
		Site Agent	Mr. Andy Yu	9648 4896	
		Construction Manager	Mr. Wyman Wong	9627 2467	
		Environmental Officer	Mr. Terry Tsang	6683 9394	



Party	Role	Post	Name	Contact No.	Contact Fax
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. James Chan	3757 8217	
Leighton Contractors (Asia) Limited	Contractor under Contract no. HY/2009/18	Site Agent	Mr. Jimmy Chu	3973 0803	2140 6799
		Environmental Officer	Mr. Chris Chan	3973 0885	
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	
		Contractor's Representative	Mr. Rex Lau	3557 6405	2566 2192
		Environmental Officer	Mr. Andy Mak	3557 6347	
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	
China State	Contractor under Contract no. HY/2010/08	Project Director	Chris Leung	9210 7116	2566 8061
		Site Agent	Mr. Francis Suen	3557 6407	
		Environmental Officer	Mr. Gabriel Wong	3557 6466	
		Environmental Supervisor	Mr. Desmond Ho	3557 6465	
Leighton Joint Venture	Contractor under Contract	Site Agent	Mr. Colman Wong	2823 1410	21406799



Party	Role	Post	Name	Contact No.	Contact Fax
	no. HY/2011/08	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
- 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 the defects recorded in the inspection for the end of maintenance period of Observation Deck and Staircase ST-01
- Rectification works for cross road ducts
- rectification works for cracks/joints with water leakage inside OHVD cells
- Backfilling works
- Construction of temporary wall for inside tunnel
- Blinding layer for Hung Hing Road Flyover
- Cleaning of cross road duct & carrier drain
- Rectification works against water leakage and remedial works against concrete defects of the tunnel structure
- Outstanding works inside tunnel
- Concreting for base slab
- Removal of ELS layer S2 & S3
- Tunnel wall structure
- Concreting for roadside barrier
- Erection of scaffolding for construction of OHVD
- Concreting for OHVD slab
- Erection of scaffolding for construction of top slab

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 work at the PRE Office car park area

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
- Bridge Demolition / Construction
- Hotel Carpark Reinstatement
- Bridge E noise barrier installation
- IEC noise enclosure/barrier installation
- Excavation / Construction of retaining wall
- Removal of temporary works including beams, columns and footings for TB bridge

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 drainage
- 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,
- 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, Central Ventilation 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 the defects for the end of maintenance period of Observation Deck and Staircase ST-01.
- Rectification works for cross road ducts
- Rectification works for cracks/joints with water leakage inside OHVD cells
- Tunnel backfilling (rock fill Type A, Type B and filter material)
- Construction of temporary wall.
- Concreting blinding layer for Hung Hing Road flyover.
- Rebar fixing and concreting of HHR flyover.
- 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.
- Rebar fixing and concreting of base slab and walls.
- Rebar fixing and concreting of roadside barrier.
- Rebar fixing and concreting of OHVD slab.
- Rebar fixing and concreting of top slab.
- Erect scaffolding for OHVD and top slab.
- Tree Pruning Works at Fleming Road (VO No. 237)
- Tree pruning works at Fleming Road
- Sewage Works at Hung Hing Road and Wan Shing Street
- Trial pit at Hung Hing Road for sewage works.
- Construction of manhole for Wan Shing Street sewage works

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 work at the PRE Office car park area
- Re-surfacing work at Hung Hing Road

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
- Removal of temporary works including beams, columns and footings for TB bridge
- Installation of skin parapet on TB bridge
- Construction of metal roof for FEHD

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 Slip Road 1
- Construction of drainage
- 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,
- 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, Central Ventilation 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-RS1004-16	28 Sep 2016	29 Sep 2016 to 27 Mar 2017	Expired
	GW-RS1079-16	27 Oct 2016	27 Oct 2016 to 20 Apr 2017	Expired
	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-RS1153-16	17 Nov 2016	18 Nov 2016 to 13 May 2017	Cancelled
	GW-RS1047-16	13 Oct 2016	26 Oct 2016 to 25 Apr 2017	Expired
	GW-RS1140-16	11 Nov 2016	14 Nov 2016 to 09 May 2017	Valid
	GW-RS1297-16	15 Dec 2016	16 Dec 2016 to 14 Jun 2017	Valid
	GW-RS1305-16	22 Dec 2016	24 Dec 2016 to 13 Jun 2017	Valid
	GW-RS0289-17	31 Mar 2017	02 Apr 2017 to 02 Jul /2017	Valid
	GW-RS0314-17	07 Apr 2017	11 Apr 2017 to 04 Oct 2017	Valid

Permits and/or Licenses	Reference No.	Issued Date	Valid Period/ Expiry Date	Status
	GW-RS0338-17	13 Apr 2017	28 May 2017 to 27 Aug 2017	Valid
	GW-RS0334-17	18 Apr 2017	21 Apr 2017 to 06 Oct 2017	Valid
	GW-RS0348-17	18 Apr 2017	25 Apr 2017 to 24 Oct 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-RS1164-16	17 Nov 2016	1 Dec 2016 to 31 Mar 2017	Cancelled
	GW-RS1161-16	17 Nov 2016	1 Dec 2016 to 31 Mar 2017	Expired
	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-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
Billing Account under Waste Disposal Ordinance (Disposal by Vessel)	7011761	30 Dec 2016	17 Jan 2016 to 16 Apr 2017	Expired
Water Discharge Licence (Discharge at TPCWAW)	WT00020601-2014	18 Mar 2015	18 Mar 2015 to 31 Mar 2017	Expired
Water Discharge License (Discharge at TS1)	WT00024874-2016	20 Jul 2016	20 Jul 2016 to 31 Mar 2021	Valid
Water Discharge Licence (Discharge at TPCWAE)	WT00024951-2016	8 Jul 2016	8 Jul 2016 to 31 Dec 2017	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-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	Expired
	GW-RS0238-17	23-Mar-17	08 Apr 2017 to 07 Jun 2017	Valid
Water Discharge License	WT00025282-2016	15 Sep 2016	30-Sept-21	Valid
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-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-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-RS0029-17	19 Jan 2017	19 Jan 2017 to 02 Jul 2017	Cancelled
	GW-RS0969-16	23 Nov 2016	23 Nov 2016 to 22 May 2017	Cancelled
	GW-RS1182-16	29 Nov 2016	30 Nov 2016 to 24 May 2017	Cancelled
	GW-RS0134-17	22 Feb 2017	23 Feb 2017 to 19 Aug 2017	Cancelled
	GW-RS0562-16	28 Oct 2016	28 Oct 2016 to 26 Apr 2017	Cancelled
	GW-RS0971-16	19 Sep 2016	22 Oct 2016 to 20 Apr 2017	Expired

Permits and/or Licences	Reference No.	Issued Date	Valid Period/ Expiry Date	Status
	GW-RS1254-16	10 Dec 2016	10 Dec 2016 to 07 Jun 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
	GW-RS1366-16	06 Jan 2017	06 Jan 2017 to 26 Jun 2017	Valid
	GW-RS0201-17	18 Mar 2017	18 Mar 2017 to 17 Sep 2017	Valid
	GW-RS0347-17	27 Apr 2017	27 Apr 2017 to 18 Oct 2017	Valid
	GW-RS0360-17	20 Apr 2017	20 Apr 2017 to 19 Oct 2017	Valid
	GW-RS0290-17	08 Apr 2017	08 Apr 2017 to 30 Sep 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-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
	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
GW-RS0260-17	27 Mar 2017	29 Mar 2017 - 31 Aug 2017	Valid	

Permits and/or Licences	Reference No.	Issued Date	Valid Period/ Expiry Date	Status
	GW-RS0294-17	31 Mar 2017	06 Apr 2017 - 30 Sep 2017	Valid
	GW-RS0359-17	25 Apr 2017	01 May 2017 - 31 Oct 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 b)	Operational Air Quality Management Plan for Central Ventilation Building (Rev.0)	03 March 2017
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 d)	Operational Air Quality Management Plan for an Electrostatic Precipitator system for EVB Operation (Rev.0)	06 April 2017
Condition 2.13 e)	Operational Air Quality Management Plan for ventilation system of Eastern Portal of the CWB Tunnel (Rev.0)	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 03, 10 and 26 April 2017 in the reporting month.
- 5.1.13 Traffic noise was observed during monitoring on 03, 10 and 26 April 2017 and were considered as the major noise contribution. As such, the limit level exceedances were concluded as non-project related.
- 5.1.14 One limit level exceedance was recorded at M5b – City Garden on 18 April 2017 in the reporting month.

5.1.15 Starter bar fixing works and breaking works at marine pier under Contract HY/2009/19 was conducted during the measurement on 18 April 2017, it was observed that breaking operation was the major noise contribution during measurement. It is concluded that the exceedance was Project related and the contractor was requested to submit a proposal for remediation measures following the Event and Action Plan. Actions from the remediation plan including i) Closing the opening of the temporary noise barrier ii) provide physical wrapping of breaker to dampen noise emission and iii) conduct breaking works intermittently were implemented by the Contractor and no further exceedance was recorded upon implementation of the remedial actions.

5.1.16 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 Raod 8 Section) under FEP-12/364/2009/D

5.1.17 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

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

5.1.19 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

5.1.20 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

- 5.1.21 No action or limit level exceedance was recorded in this reporting month.
- 5.1.22 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.
- 5.2.5. With respect to the non-CWB Project building construction at Oil Street, the real-time noise monitoring station RTN2a- Hong Kong Electric Centre was finely adjusted from Northeast Side to Northwestern side at Roof Top location on 03 March 2017.

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

- 5.2.6. 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.

- 5.2.7. [No limit level exceedance was recorded at RTN1-FEHD Hong Kong Transport Section Whitfield Depot was recorded in the reporting month.](#)

- 5.2.8. No limit level exceedances were recorded at RTN2a- Hong Kong Electric Centre was recorded in the reporting month.
- 5.2.9. No limit level exceedances were recorded at RTN3- Yu Lee Mo Fan Memorial School in the reporting month.
- 5.2.10. Limit level exceedance was recorded at RTN4- Causeway Bay Community Centre were recorded on 20 and 21 April 2017 in the reporting month. After checking with Contractor HY/2009/19, no construction works activity was conducted on 20 and 21 April 2017 during the monitoring period while non - CWB breaking was observed conducted on the monitoring dates immediately next to the monitoring station. As such, the exceedances were concluded as non-Project related.
- 5.2.11. 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

- 5.2.12. 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.*

- 5.2.13. No limit level exceedance was recorded at RTN1-FEHD Hong Kong Transport Section Whitfield Depot was recorded in the reporting month.
- 5.2.14. No limit level exceedances were recorded at RTN2a- Hong Kong Electric Centre was recorded in the reporting month.
- 5.2.15. Limit level exceedance was recorded at RTN4- Causeway Bay Community Centre were recorded on 20 and 21 April 2017 in the reporting month. After checking with Contractor HY/2011/08, no construction works activity was conducted on 20 and 21 April 2017 during the monitoring period while non - CWB breaking was observed conducted on the monitoring dates immediately next to the monitoring station. As such, the exceedances were concluded as non-Project related.

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 No exceedance was recorded in the reporting month.

5.3.6 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

5.3.7 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

5.3.8 No exceedance was recorded in the reporting month.

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. HY/2009/15 – Central-Wanchai Bypass – Tunnel (Causeway Bay Typhoon Shelter Section) under FEP-06/364/2009/A

5.3.10 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

5.3.11 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/2009/19 – Central – Wanchai Bypass Tunnel (North Point Section) and Island Eastern Corridor Link under FEP-07/364/2009/D

5.3.13 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

5.3.14 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. HK/2012/08- Wan Chai Development Phase II – Central-Wan Chai Bypass at Wan Chai West

5.3.16 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

5.3.17 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. HY/2010/08 – Central-Wanchai Bypass –Wanchai Bypass Tunnel (Slip Raod 8 Section) under FEP-12/364/2009/D

5.3.19 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

5.3.20 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

5.3.21 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
CMA5b	Pedestrian Plaza

5.3.22 No exceedance was recorded in the reporting month.

5.3.23 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	8.23	107951.65	TKO137, TM38
Inert C&D materials recycled, m ³	Nil	98512.03	N/A
Non-inert C&D materials disposed, m ³	5.16	5260.62	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	145	522040.412	TKO137 / TM 38
Inert C&D materials recycled, m ³	Nil	46520	N/A
Non-inert C&D materials disposed, m ³	132	4329.317	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	138.39	1415193.43	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	5.51	4363.05	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	Nil	625200.92	Tuen Mun Area 38
	Nil	245453.3	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
	Nil		
Non-inert C&D materials disposed, m ³	Nil	4673.91	SENT Landfill
	Nil	1.58	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	1119.58	676968.36	TM38
Inert C&D materials recycled, ton	Nil	82349.7	N/A
Non-inert C&D materials disposed, ton	60.37	5683.41	SENT Landfill
Non-inert C&D materials recycled, ton	Nil	565.63	N/A
Chemical waste disposed, kg	Nil	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	448	18714	TKO 137
	Nil	116668	TM38
Inert C&D materials recycled, m ³	Nil	Nil	N/A
Non-inert C&D materials disposed, m ³	685	7367	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 of April 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	520.7	578665.57	TM 38
	Nil	262656.6	WENT
	Nil	82911.8	SENT
	82.2	72629.59	TKO area 137
Inert C&D materials recycled, m ³	Nil	Nil	N/A
Non-inert C&D materials disposed, m ³	309.3	4297.83	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	16.78	678.89	CWPF & TKO137
Inert C&D materials recycled, m ³	Nil	Nil	N/A
Non-inert C&D materials disposed, m ³	205.82	2366.05	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 03, 10 and 26 April 2017 in the reporting month.

6.1.6. Traffic noise was observed during monitoring on 03, 10 and 26 April 2017 and were considered as the major noise contribution. As such, the limit level exceedance was concluded as non-project related.

6.1.7. One limit level exceedance was recorded at M5b – City Garden on 18 April 2017 in the reporting month.

6.1.8. Starter bar fixing works and breaking works at marine pier under Contract HY/2009/19 was conducted during the measurement on 18 April 2017, it was observed that breaking operation was the major noise contribution during measurement. It is concluded that the exceedance was Project related and the contractor was requested to submit a proposal for remediation measures following the Event and Action Plan. Actions from the remediation plan including i) Closing the opening of the temporary noise barrier ii) provide physical wrapping of breaker to dampen noise emission and iii) conduct breaking works intermittently were implemented by the Contractor and no further exceedance was recorded upon implementation of the remedial actions.



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

6.1.9. 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

6.1.10. 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

- 6.1.11. No limit level exceedance was recorded at RTN1-FEHD Hong Kong Transport Section Whitfield Depot was recorded in the reporting month.
- 6.1.12. No limit level exceedances were recorded at RTN2a- Hong Kong Electric Centre was recorded in the reporting month.
- 6.1.13. No limit level exceedances were recorded at RTN3- Yu Lee Mo Fan Memorial School in the reporting month.
- 6.1.14. Limit level exceedance was recorded at RTN4- Causeway Bay Community Centre were recorded on 20 and 21 April 2017 in the reporting month. After checking with Contractor HY/2009/19, no construction works activity was conducted on 20 and 21 April 2017 during the monitoring period while non - CWB breaking was observed conducted on the monitoring dates immediately next to the monitoring station. As such, the exceedances were concluded as non-Project related.

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

- 6.1.15. No limit level exceedance was recorded at RTN1-FEHD Hong Kong Transport Section Whitfield Depot was recorded in the reporting month.
- 6.1.16. No limit level exceedances were recorded at RTN2a- Hong Kong Electric Centre was recorded in the reporting month.
- 6.1.17. Limit level exceedance was recorded at RTN4- Causeway Bay Community Centre were recorded on 20 and 21 April 2017 in the reporting month. After checking with Contractor HY/2011/08, no construction works activity was conducted on 20 and 21 April 2017 during the monitoring period while non - CWB breaking was observed conducted on the monitoring dates immediately next to the monitoring station. As such, the exceedances were concluded as non-Project related.

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. 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

6.2.3. 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

6.2.4. 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

6.2.5. 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

6.2.6. No exceedance was recorded in the reporting month.

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

6.2.7. 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

6.2.1. 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 in the reporting period. The observations and recommendations made in each individual site audit session were presented in Section 8.

6.3.2. One project related limit level exceedance was recorded at M5b – City Garden on 18 April 2017 in the reporting month. The exceedance was concluded as related to the breaking works at marine pier under Contract HY/2009/19.

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

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

- 6.4.2 Starter bar fixing works and breaking works at marine pier under Contract HY/2009/19 was conducted during the measurement on 18 April 2017, it was observed that breaking operation was the major noise contribution during measurement. It is concluded that the exceedance was Project related.
- 6.4.3 The contractor was requested to submit a proposal for remediation measures following the Event and Action Plan. Actions from the remediation plan including i) Closing the opening of the temporary noise barrier ii) provide physical wrapping of breaker to dampen noise emission and iii) conduct breaking works intermittently were implemented by the Contractor and no further exceedance was recorded upon implementation of the remedial actions.

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 mains were performed in April 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 construction, backfilling works, and tunnel works at Wan Chai West, tunnel construction, backfilling works, road and drains works at Wan Chai West and Wan Chai East. The major construction activities under Central-Wan Chai Bypass and Island Eastern Corridor Link Projects were drainage works and ventilation building construction at Central; backfilling and temporary reclamation removal works at Causeway Bay road works and side wall construction at Victoria Park; reinstatement of Eastern Breakwater and bridge demolition, noise enclosure installation, piling works 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. No observation was found in the reporting month.
- 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
170330_01	30 Mar 2017	Vehicle control for wheel washing at Gate 6 shall be strengthened to avoid muddy trail on public road and washed muddy effluent flow into nearby public drain.	No muddy trail and washing effluent discharge observed at Gate 6.	Completion as observed on 4 April 2017
170406_01	4 Apr 2017	Drip tray shall be provided for oil containers at Portion 5.	Drip tray was provided for oil container at Portion 5.	Completion as observed on 11 April 2017
170411_01	11 Apr 2017	Drip Tray shall be provided for oil container at Portion 5.	Drip tray was provided for oil container at Portion 5.	Completion as observed on 18 April 2017
170418_01	18 Apr 2017	Silt screen for RW21-P789 intakes shall be properly maintained and ensure the curtain is fully extended to seabed level.	Silt screen was deployed orderly and maintained.	Completion as observed on 27 April 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
170405_01	5-Apr-17	Contractor is required to critically review the capacity and operation of the water treatment unit at Slip Road 1 to ensure the construction effluent is properly treated prior discharge and safeguard nearby waterbody.	The concerned water treatment unit at Slip Road 1 was observed disconnected and no discharge was observed.	Completion as observed on 11 April 2017
170405_02	5-Apr-17	Drip tray shall be provided for chemical containers at Zone CE.	Chemical containers was removed at Zone CE.	Completion as observed on 11 April 2017
170411_01	11-Apr-17	Drip tray shall be provided for oil containers on-site.	Drip tray was provided for oil containers on-site	Completion as observed on 19 April 2017
170425_01	25-Apr-17	Drip tray shall be provided for the chemical container at dry dock area.	Chemical container at dry dock area was removed.	Completion as observed on 2 May 2017
170425_02	25-Apr-17	The hole of drip tray for the generator at dry dock area shall be covered.	The hole of drip tray was covered.	Completion as observed on 2 May 2017

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
170329_1	29 Mar 2017	Localized impermeable barrier shall be provided to underwater excavation works area and construction sequence shall be critically review to avoid muddy dispersion when derrick barge depart from site (TS3 North West)	Impermeable barrier was provided to underwater excavation works to avoid muddy dispersion	Completion as observed on 7 Apr 2017
170329_2	29 Mar 2017	Mud / Silt sitting on the edge of seawall shall be cleaned more frequently to avoid drop off (TS3 North, TS3 East)	Mud / Silt sitting on the edge of seawall was cleaned	Completion as observed on 7 Apr 2017
170329_3	29 Mar 2017	NRMM Label shall be provided to excavator (TS3 East)	The concerned excavator was departed from site	Completion as observed on 7 Apr 2017

Item	Date	Observations	Action taken by Contractor	Completion date
170407_1	7 Apr 2017	Seawall block lifting hole cleaning operation shall be enclosed by silt curtain/impermeable barrier to avoid muddy dispersion (TS3 North West)	Silt curtain was deployed to enclose the working area at concerned location	Completion as observed on 12 Apr 2017
170407_2	7 Apr 2017	Derrick barge for conducting under-water excavation shall be enclosed by silt curtain to avoid potential dispersion (TS3 West)	No further underwater excavation was observed at the concerned location	Completion as observed on 12 Apr 2017
170412_1	12 Apr 2017	Impermeable barrier shall be deployed to the seabed and enclosed the underwater excavation area (-4.35mPD to -7mPD) to avoid muddy dispersion (TS3 North)	Impermeable barrier was deployed to the seabed and enclosed the underwater excavation area	Completion as observed on 2 May 2017
170426_1	26 Apr 2017	Silt curtain shall be deployed to enclose the working area of seawall lifting and material transfer (TS3 North and West)	No further seawall lifting works was observed	Completion as observed on 2 May 2017

8.0.9. Site inspections for Contract no. HY/2011/08 were carried out during this reporting period. No observation was found in the reporting month.

9 COMPLAINTS, NOTIFICATION OF SUMMONS AND PROSECUTION

- 9.0.1. No environmental complaints were received in the reporting month.
- 9.0.2. Two Summons to Defendant (Case No. ESS38444/2016 and Case No. ESS38443/2016) were issued to the Contractor(s) under Contract HY/2009/19 on 06 October 2016 regarding the case against (Regulations 4(1) and 4(2) of the Air Pollution Control (Construction Dust) Regulation made under section 43 of the Air Pollution Control Ordinance, Cap311 were notified to the Environmental Team on 31 March 2017.
- 9.0.3. The offence under the two Summons to Defendant (Case No. ESS38444/2016 and Case No. ESS38443/2016) were issued to the Contractor(s) under Contract HY/2009/19 on 06 October 2016 regarding the case against (Regulations 4(1) and 4(2) of the Air Pollution Control (Construction Dust) Regulation made under section 43 of the Air Pollution Control Ordinance, Cap311 were convicted on 03 April 2017.
- 9.0.4. Two Summons to Defendant (Case No. ESS40680/2016 and Case No. ESS40679/2016) were issued to the Contractor(s) under Contract HY/2009/19 on 25 October 2016 regarding the case against Section 6(1)(b) and 6(5), Noise Control Ordinance Cap 400 on 31 March 2017 and pending for case hearing.
- 9.0.5. The details of cumulative complaint log and updated summary of complaints are presented in **Appendix 9.1**
- 9.0.6. 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
April 2017	0
September 2010 – March 2017	78
Total	78

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	-	1 (05 April 2016)	1
Noise	-	0	0
Water	-	0	0
Waste	-	0	0
Total	-	1	1

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 work at the PRE Office car park area • Re-surfacing work at Hung Hing Road 	<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.

<p>HY/2009/19</p>	<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 • Removal of temporary works including beams, columns and footings for TB bridge • Installation of skin parapet on TB bridge • Construction of metal roof for FEHD 	<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.
<p>HK/2009/01</p>	<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 the defects for the end of maintenance period of Observation Deck and Staircase ST-01. • Rectification works for cross road ducts • Rectification works for cracks/joints with water leakage inside OHVD cells • Tunnel backfilling (rock fill Type A, Type B and filter material) • Construction of temporary wall. • Concreting blinding layer for Hung Hing Road flyover. • Rebar fixing and concreting of HHR flyover. • 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. • Rebar fixing and concreting of base slab and walls. • Rebar fixing and concreting of roadside barrier. • Rebar fixing and concreting of OHVD slab. • Rebar fixing and concreting of top slab. • Erect scaffolding for OHVD and top slab. • Tree Pruning Works at Fleming Road (VO No. 237) • Tree pruning works at Fleming Road • Sewage Works at Hung Hing Road and Wan Shing Street • Trial pit at Hung Hing Road for sewage works. • Construction of manhole for Wan Shing Street sewage works 	<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/2012/08	<ul style="list-style-type: none"> • Grouting • Construction of Slip Road 1 • Construction of drainage • 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, • 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, Central Ventilation 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

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.

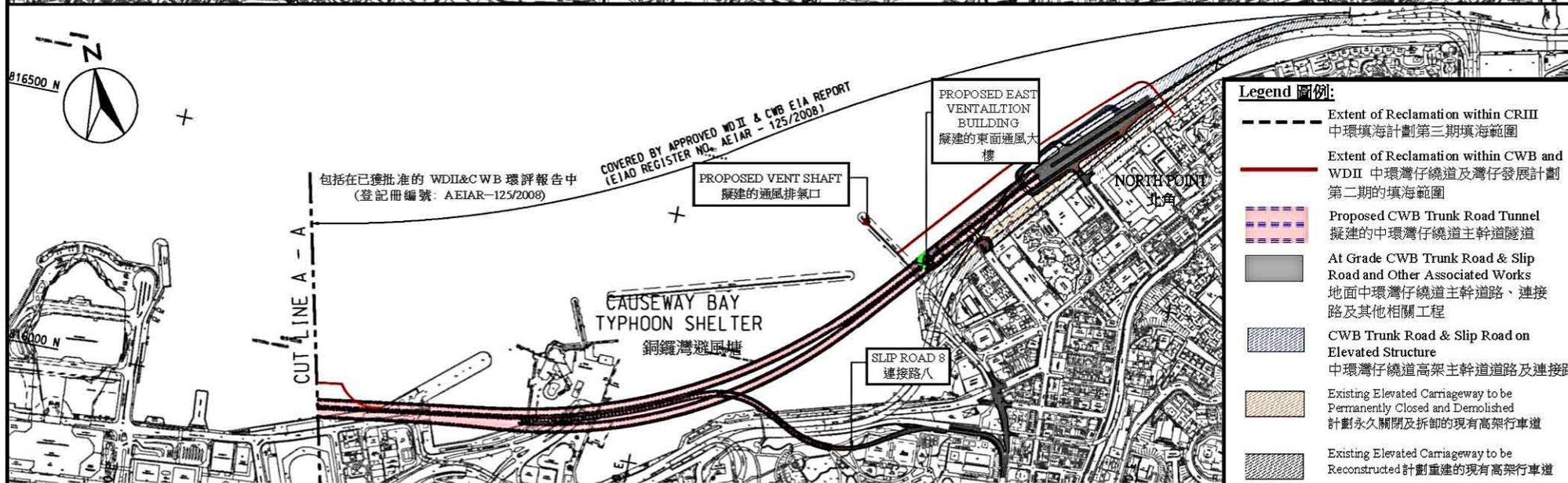
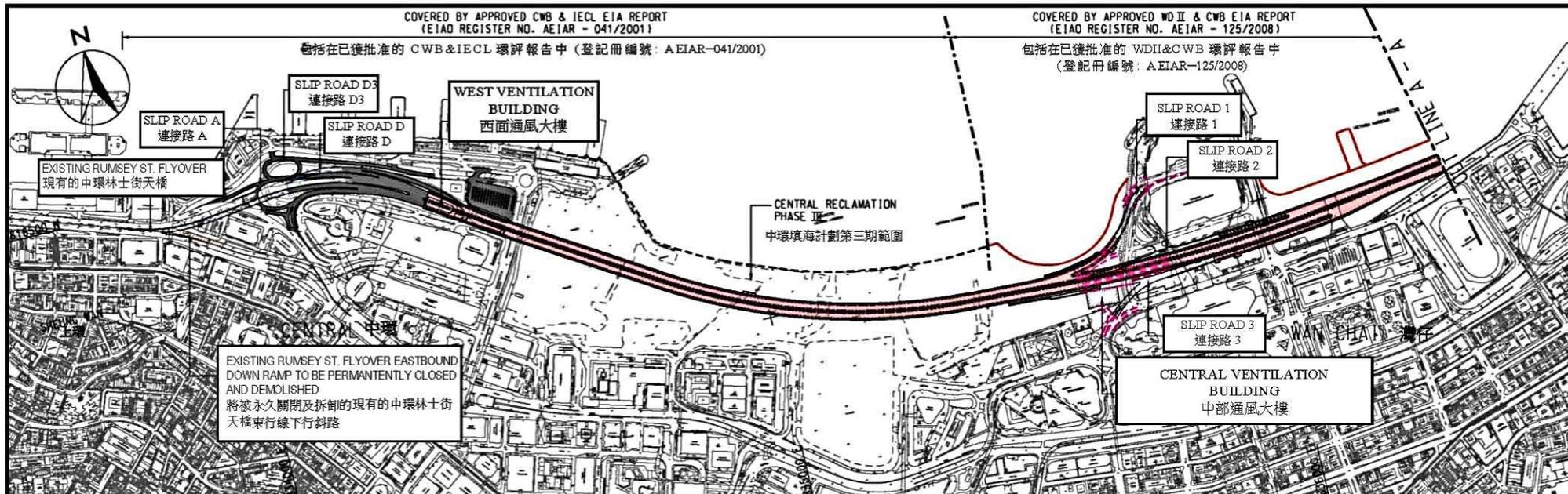
10.0.4. The construction works of Contract no. HY/2009/17 - Advance piling works at Whitfield Depot under FEP-03/264/2009 was completed, and the FEP was surrendered by the Contractor and found in order by EPD on 25 April 2013.

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

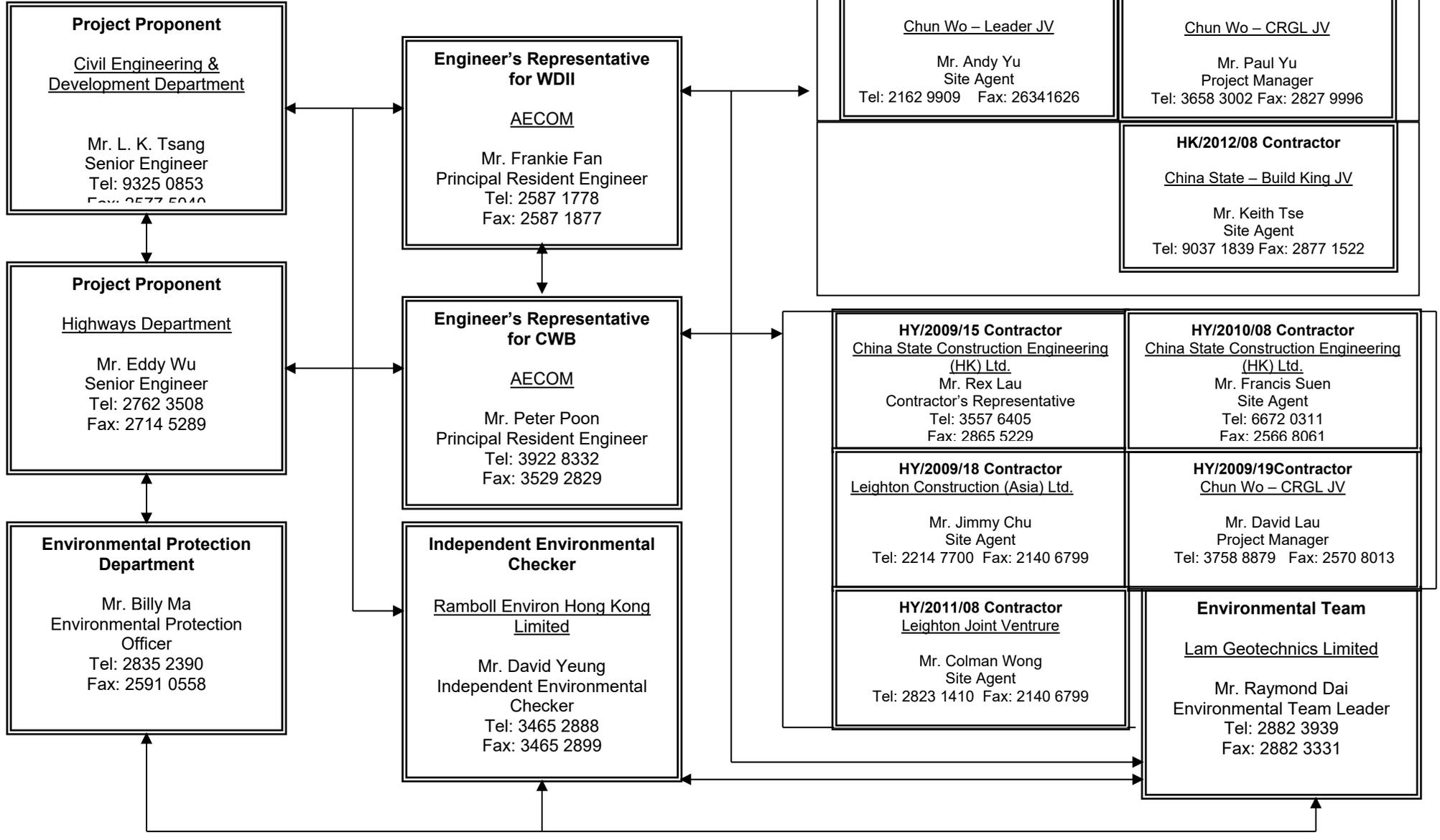


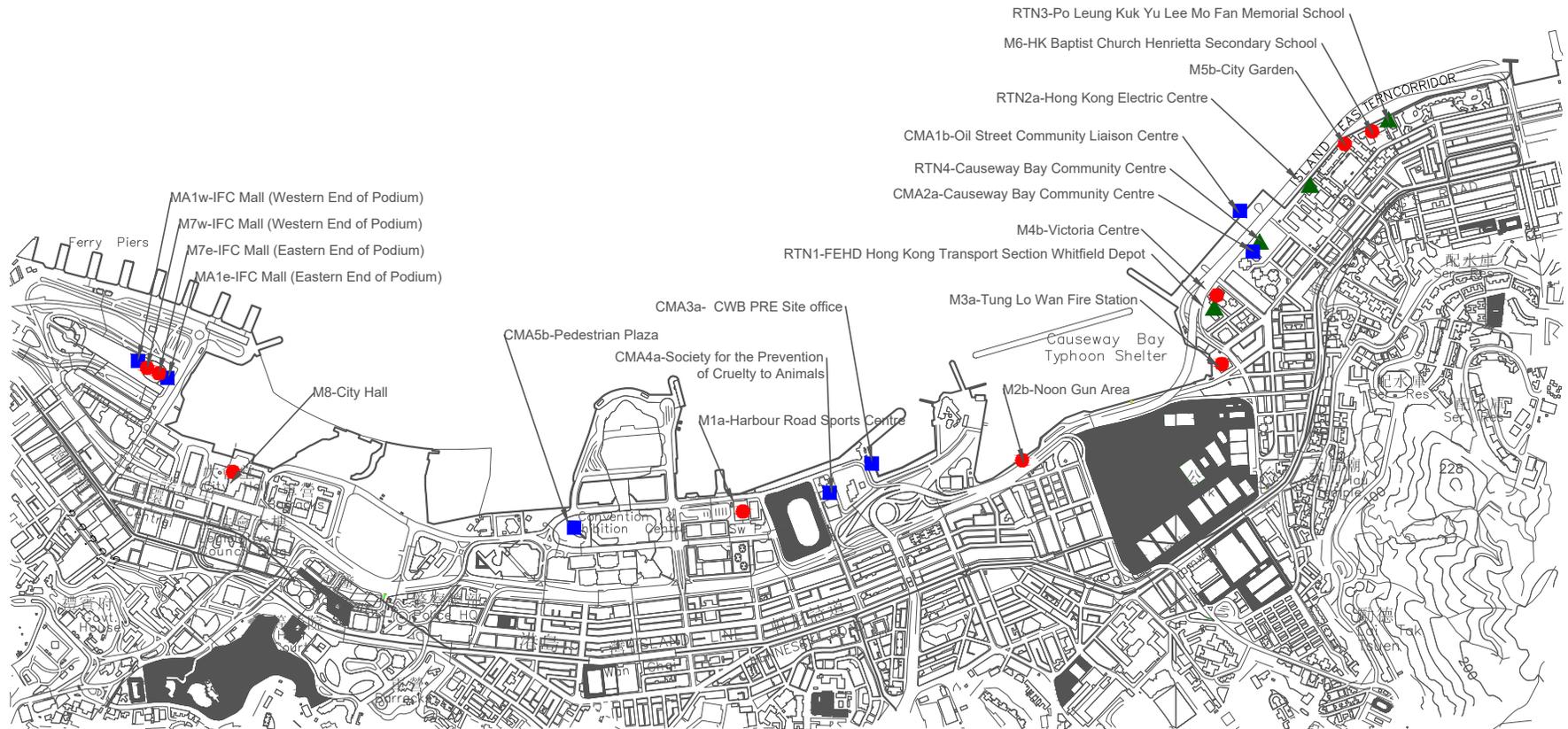


Figure 4.1

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; and Tarpaulin 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	<p>Good Site Practice:</p> <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	<p>Use of quiet powered mechanical equipment, movable noise barrier and temporary noise barrier for the following tasks:</p> <ul style="list-style-type: none"> Slip road 8 tunnel Construction of diaphragm wall and substructures of the tunnel approach ramp Excavation Construction of slabs Backfill 	Work Sites / During Construction	Contractor		√			EIAO-TM, NCO

WDII & 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

WDII & 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>	√	√ #			

* 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)

WDII & CWB EIA Report Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Implementation Stages*				Relevant Legislation and Guidelines
				Des	C	O	Dec	
S6.6.2	<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

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.

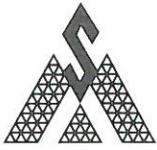
Action and Limit Level for Air Quality Monitoring

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.: 17CA0209 01 Page 1 of 2

Item tested

Description:	Sound Level Meter (Class 1)	Microphone
Manufacturer:	Larson Davis	-
Type/Model No.:	Model 831	377B02
Serial/Equipment No.:	0003227	SNLW135892
Adaptors used:	-	-

Item submitted by

Customer Name:	Lam Geotechnics Limited
Address of Customer:	-
Request No.:	-
Date of receipt:	09-Feb-2017

Date of test: 14-Feb-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:	1020 ± 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 responses of the Sound Level Meter.

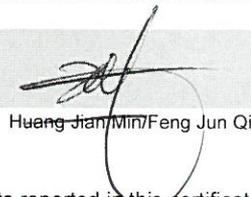
Test results

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: 15-Feb-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.: 17CA0209 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	1.6	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	
	Frequency weightings			
Time weightings	A	Pass	0.3	
	C	Pass	0.3	
	Lin	Pass	0.3	
Peak response	Single Burst Fast	Pass	0.3	
	Single Burst Slow	Pass	0.3	
R.M.S. accuracy	Single 100µs rectangular pulse	Pass	0.4	
Time weighting I	Crest factor of 3	Pass	0.3	
	Single burst 5 ms at 2000 Hz	Pass	0.3	
Time averaging	Repeated at frequency of 100 Hz	Pass	0.3	
	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: 	Checked by: 
Date: 14-Feb-2017	Date: 15-Feb-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.: 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 responsiveness of the Sound Level Meter.

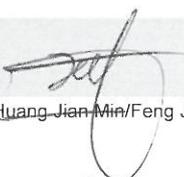
Test results

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: 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.: 17CA0320 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.:	2722310	2698702	13318
Adaptors used:	-	-	-

Item submitted by

Customer Name: Lam Geotechnics Ltd.
Address of Customer: -
Request No.: -
Date of receipt: 20-Mar-2017

Date of test: 23-Mar-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: 60 ± 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 responsess of the Sound Level Meter.

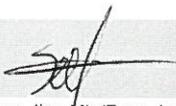
Test results

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: 24-Mar-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.: 17CA0320 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
Time weightings	C	Pass	0.3	
	Lin	Pass	0.3	
	Single Burst Fast	Pass	0.3	
Peak response	Single Burst Slow	Pass	0.3	
	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
Time averaging	Repeated at frequency of 100 Hz	Pass	0.3	
	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:

Lai Sheng Jie

Date: 23-Mar-2017

Checked by:

Fung Chi Yip

Date: 24-Mar-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.: 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

- 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.
- 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 $\pm 20\%$.
- 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.

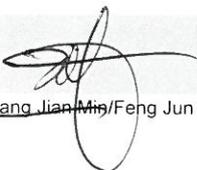
Test results

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:

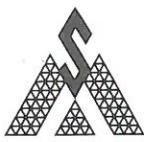

Huang Jian Ming/Feng Jun Qi

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	
	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	
Overload indication				

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:		Checked by:	
Date:	21-May-2016	Date:	23-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.: 17CA0221 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	19223
Adaptors used:	-	-	-

Item submitted by

Customer Name: Lam Geotechnics Limited
Address of Customer: -
Request No.: -
Date of receipt: 22-Feb-2017

Date of test: 02-Mar-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: 20 ± 1 °C
Relative humidity: 60 ± 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 response of the Sound Level Meter.

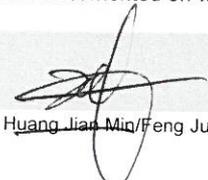
Test results

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: 06-Mar-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.: 17CA0221 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	
	Single Burst Fast	Pass	0.3	
Peak response	Single Burst Slow	Pass	0.3	
	Single 100µs rectangular pulse	Pass	0.3	
R.M.S. accuracy	Crest factor of 3	Pass	0.3	
	Single burst 5 ms at 2000 Hz	Pass	0.3	
Time weighting I	Repeated at frequency of 100 Hz	Pass	0.3	
	1 ms burst duty factor 1/10 ³ at 4kHz	Pass	0.3	
Time averaging	1 ms burst duty factor 1/10 ⁴ at 4kHz	Pass	0.3	
	Single burst 10 ms at 4 kHz	Pass	0.4	
Pulse range	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.

- End -

Calibrated by:

Date:

Fung Chi Yip
02-Mar-2017

Checked by:

Date:

Lam Tze Wai
06-Mar-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.: 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 $\pm 20\%$.
- 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: 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	
	Frequency weightings			
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:

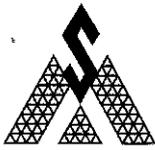
Fung Chi Yip
20-Jan-2017

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.: 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

- 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.
- 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 $\pm 20\%$.
- 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 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			
Time weightings	A	Pass	0.3	
	C	Pass	0.3	
	Lin	Pass	0.3	
Peak response	Single Burst Fast	Pass	0.3	
	Single Burst Slow	Pass	0.3	
R.M.S. accuracy	Single 100µs rectangular pulse	Pass	0.3	
Time weighting I	Crest factor of 3	Pass	0.3	
	Single burst 5 ms at 2000 Hz	Pass	0.3	
Time averaging	Repeated at frequency of 100 Hz	Pass	0.3	
	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.



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.



CERTIFICATE OF CALIBRATION

Certificate No.: 17CA0320 03

Page: 1 of 2

Item tested

Description: Acoustical Calibrator (Class 1)
Manufacturer: Larson Davis
Type/Model No.: CAL200
Serial/Equipment No.: 13098
Adaptors used: -

Item submitted by

Customer: Lam Environmental Service Ltd.
Address of Customer: -
Request No.: -
Date of receipt: 20-Mar-2017

Date of test: 23-Mar-2017

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: 21 ± 1 °C
Relative humidity: 60 ± 10 %
Air pressure: 1010 ± 5 hPa

Test specifications

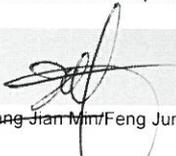
- The Sound Calibrator has been calibrated in accordance with the requirements as specified in IEC 60942 1997 Annex B and the lab calibration procedure SMTP004-CA-156.
- The calibrator was tested with its axis vertical facing downwards at the specific frequency using insert voltage technique.
- The results 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: 24-Mar-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.: 17CA0320 03

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	93.98	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 = 1000.2 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 = 0.5 %

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:

Lai Sheng Jie
Date: 23-Mar-2017

Checked by:

Fung Chi Yip
Date: 24-Mar-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.



TISCH ENVIRONMENTAL, INC.
 145 SOUTH MIAMI AVE
 VILLAGE OF CLEVELAND, OH
 45002
 513.467.9000
 877.263.7610 TOLL FREE
 513.467.9009 FAX

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	ORFICE
					DIFF Hg (mm)	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

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

$$Qstd = Vstd / \text{Time}$$

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

$$Qa = Va / \text{Time}$$

For subsequent flow rate calculations:

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

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



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	$(H \times P_a / 1013.3 \times 298 / T_a)^{1/2}$ $= m_c \times Q_{std} + b_c$			
Next Calibration Date	20-May-17				

Calibration of TSP						
Calibration Point	Manometer Reading			Q_{std} ($m^3 / \text{min.}$) X-axis	Continuous Flow Recorder, W (CFM)	IC ($W(P_a/1013.3 \times 298/T_a)^{1/2}/35.31$) Y-axis
	(up)	(down)	(difference)			
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 : CMA1b
 Equipment no. : HVS001

Calibration Date : 13-Apr-17
 Calibration Due Date : 13-Jun-17

CALIBRATION OF CONTINUOUS FLOW RECORDER

Ambient Condition			
Temperature, T_a	293	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 H (inches of water)			Q_{std} ($m^3 / min.$) X-axis	Continuous Flow Recorder, W (CFM)	IC ($W(P_a/1013.3 \times 298/T_a)^{1/2}/35.31$) Y-axis
	(up)	(down)	(difference)			
1	1.6	1.6	3.2	0.8822	30	30.3101
2	2.9	2.9	5.8	1.1792	38	38.3928
3	3.8	3.8	7.6	1.3463	46	46.4755
4	4.8	4.8	9.6	1.5101	52	52.5375
5	6.4	6.4	12.8	1.7399	58	58.5995

By Linear Regression of Y on X

Slope, m = 34.2668 Intercept, b = -0.3651
 Correlation Coefficient* = 0.9948
 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 : 13-Apr-17

Checked by : Pauline Wong
 Date : 13-Apr-17



Calibration Data for High Volume Sampler (TSP Sampler)

Location : CMA2a **Calibration Date** : 16-Feb-17
Equipment no. : HVS002 **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} ($m^3 / \text{min.}$) X-axis	Continuous Flow Recorder, W (CFM)	IC ($W(P_a/1013.3 \times 298/T_a)^{1/2}/35.31$) Y-axis
	(up)	(down)	(difference)			
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 **Checked by** : Pualine Wong
Date : 16-Feb-17 **Date** : 16-Feb-17



Calibration Data for High Volume Sampler (TSP Sampler)

Location : CMA2a
 Equipment no. : HVS002

Calibration Date : 13-Apr-17
 Calibration Due Date : 13-Jun-17

CALIBRATION OF CONTINUOUS FLOW RECORDER

Ambient Condition					
Temperature, T _a	293	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 H (inches of water)			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	1.5	1.5	3.0	0.8550	32	32.3307
2	2.3	2.3	4.6	1.0529	40	40.4134
3	3.8	3.8	7.6	1.3463	46	46.4755
4	5.1	5.1	10.2	1.5558	52	52.5375
5	6.5	6.5	13.0	1.7533	56	56.5788

By Linear Regression of Y on X

Slope, m = 26.2984 Intercept, b = 11.1467
 Correlation Coefficient* = 0.9934
 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 : 13-Apr-17

Checked by : Pualine Wong
 Date : 13-Apr-17



Calibration Data for High Volume Sampler (TSP Sampler)

Location : CMA3a
 Equipment no. : HVS012
 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} (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	1.3	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 : CMA3a
 Equipment no. : HVS012
 Calibration Date : 20-Apr-17
 Calibration Due Date : 20-Jun-17

CALIBRATION OF CONTINUOUS FLOW RECORDER

Ambient Condition			
Temperature, T _a	299	Kelvin	Pressure, P _a
			1010 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} (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	1.3	1.3	2.6	0.7872	31	30.8977
2	2.2	2.2	4.4	1.0167	36	35.8812
3	3.5	3.5	7.0	1.2759	43	42.8581
4	4.5	4.5	9.0	1.4435	48	47.8416
5	5.3	5.3	10.6	1.5645	54	53.8218

By Linear Regression of Y on X

Slope, m = 28.6680 Intercept, b = 7.3550
 Correlation Coefficient* = 0.9911
 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 : 20-Apr-17 Date : 20-Apr-17



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	$\left(\frac{H \times P_a}{1013.3 \times 298 / T_a} \right)^{1/2}$ $= m_c \times Q_{std} + b_c$			
Next Calibration Date	20-May-17				

Calibration of TSP						
Calibration Point	Manometer Reading H (inches of water)			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	1.3	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 : CMA4a Calibration Date : 20-Apr-17
 Equipment no. : HVS004 Calibration Due Date : 20-Jun-17

CALIBRATION OF CONTINUOUS FLOW RECORDER

Ambient Condition				
Temperature, T _a	299	Kelvin	Pressure, P _a	1010 mmHg

Orifice Transfer Standard Information					
Equipment No.	Ori002	Slope, m _c	2.10714	Intercept, b _c	-0.05158
Last Calibration Date	20-May-16	$\left(\frac{H \times P_a}{1013.3 \times 298 / T_a} \right)^{1/2}$ $= m_c \times Q_{std} + b_c$			
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 $(W(P_a/1013.3 \times 298 / T_a)^{1/2} / 35.31)$ Y-axis
	(up)	(down)	(difference)			
1	1.2	1.2	2.4	0.7573	35	34.8845
2	1.8	1.8	3.6	0.9220	41	40.8647
3	2.9	2.9	5.8	1.1636	48	47.8416
4	3.8	3.8	7.6	1.3285	53	52.8251
5	5.0	5.0	10.0	1.5203	57	56.8119

By Linear Regression of Y on X

Slope, m = 28.8782 Intercept, b = 13.7729
 Correlation Coefficient* = 0.9965
 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 : 20-Apr-17 Date : 20-Apr-17



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} ($m^3 / min.$) X-axis	Continuous Flow Recorder, W (CFM)	IC ($W(P_a/1013.3 \times 298/T_a)^{1/2}/35.31$) Y-axis
	(up)	(down)	(difference)			
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 : CMA5b
 Equipment no. : HVS010

Calibration Date : 21-Apr-17
 Calibration Due Date : 21-Jun-17

CALIBRATION OF CONTINUOUS FLOW RECORDER

Ambient Condition			
Temperature, T _a	299	Kelvin	Pressure, P _a
			1008 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} (m ³ / min.) X-axis	Continuous Flow Recorder, W (CFM)	IC (W(P _a /1013.3x298/T _a) ^{1/2} /35.31) Y-axis
	H (inches of water)	(up)	(down)			
1	1.4	1.4	2.8	0.8152	38	37.8371
2	2.1	2.1	4.2	0.9929	44	43.8113
3	3.3	3.3	6.6	1.2385	52	51.7770
4	4.3	4.3	8.6	1.4102	57	56.7556
5	5.5	5.5	11.0	1.5917	62	61.7341

By Linear Regression of Y on X

Slope, m = 30.8725 Intercept, b = 13.0364
 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 EL222 to HVS010 with respect to the update in quality management system.

Calibrated by : Jackey MA
 Date : 21-Apr-17

Checked by : Pauline Wong
 Date : 21-Apr-17



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	$(H \times P_a / 1013.3 \times 298 / T_a)^{1/2}$ $= m_c \times Q_{std} + b_c$	
Next Calibration Date	20-May-17		

Calibration of TSP						
Calibration Point	Manometer Reading			Q _{std} (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	1.5	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/Ne**

* 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 : MA1e
 Equipment no. : HVS007

Calibration Date : 21-Apr-17
 Calibration Due Date : 21-Jun-17

CALIBRATION OF CONTINUOUS FLOW RECORDER

Ambient Condition			
Temperature, T _a	299	Kelvin	Pressure, P _a
			1008 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} (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	1.5	1.5	3.0	0.8429	29	28.8757
2	2.3	2.3	4.6	1.0380	38	37.8371
3	3.6	3.6	7.2	1.2924	48	47.7942
4	4.5	4.5	9.0	1.4421	56	55.7599
5	5.1	5.1	10.2	1.5337	64	63.7256

By Linear Regression of Y on X

Slope, m = 48.0836 Intercept, b = -12.3359
 Correlation Coefficient* = 0.9925
 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 : 21-Apr-17

Checked by : Pauline Wong
 Date : 21-Apr-17



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	$(H \times P_a / 1013.3 \times 298 / T_a)^{1/2}$ $= m_c \times Q_{std} + b_c$	
Next Calibration Date	20-May-17		

Calibration of TSP						
Calibration Point	Manometer Reading			Q _{std} (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	1.5	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 : MA1w
 Equipment no. : HVS008

Calibration Date : 21-Apr-17
 Calibration Due Date : 21-Jun-17

CALIBRATION OF CONTINUOUS FLOW RECORDER

Ambient Condition			
Temperature, T _a	299	Kelvin	Pressure, P _a
			1008 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} (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	1.5	1.5	3.0	0.8429	20	19.9142
2	2.4	2.4	4.8	1.0598	28	27.8799
3	3.8	3.8	7.6	1.3272	38	37.8371
4	5.0	5.0	10.0	1.5188	44	43.8113
5	6.4	6.4	12.8	1.7151	50	49.7856

By Linear Regression of Y on X

Slope, m	=	<u>34.4344</u>	Intercept, b	=	<u>-8.6696</u>
Correlation Coefficient*	=	<u>0.9989</u>			
Calibration Accepted	=	<u>Yes/No**</u>			

* 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 : 21-Apr-17

Checked by : Pauline Wong
 Date : 21-Apr-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
April 2017

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	27-Mar	28-Mar	29-Mar	30-Mar	31-Mar	1-Apr
	Noise (daytime) (M7e,M7w,M8)	Noise (daytime) (M1a,M2b,M3a,M4b,M5b,M6)			24hr TSP	1hr TSP
2-Apr	3-Apr	4-Apr	5-Apr	6-Apr	7-Apr	8-Apr
	Noise (daytime) (M1a,M2b,M3a,M4b,M5b,M6)		Noise (daytime) (M7e,M7w,M8)	24hr TSP	1hr TSP 24hr TSP(CMA3a, CMA4a)	
9-Apr	10-Apr	11-Apr	12-Apr	13-Apr	14-Apr	15-Apr
	Noise (daytime) (M5b,M6)	Noise (daytime) (M1a,M2b,M3a,M4b) (M7e,M7w,M8)	24hr TSP	1hr TSP		
16-Apr	17-Apr	18-Apr	19-Apr	20-Apr	21-Apr	22-Apr
		24hr TSP Noise (daytime)	1hr TSP			
23-Apr	24-Apr	25-Apr	26-Apr	27-Apr	28-Apr	
	24hr TSP Noise (daytime) (M1a,M2b,M3a,M4b, M7e,M7w,M8)	1hr TSP	Noise (daytime) M6		Noise (daytime) M5b	

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
 May 2016

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			26-Apr	27-Apr	28-Apr	29-Apr
	Noise (daytime)	Noise (daytime)			24hr TSP	1hr TSP
30-Apr		1-May	2-May	3-May	4-May	5-May
	Noise (daytime)	Noise (daytime)		24hr TSP	1hr TSP	
7-May		8-May	9-May	10-May	11-May	12-May
	Noise (daytime)	Noise (daytime)	24hr TSP	1hr TSP		
14-May		15-May	16-May	17-May	18-May	19-May
	Noise (daytime)	24hr TSP Noise (daytime)	1hr TSP			
21-May		22-May	23-May	24-May	25-May	26-May
	24hr TSP Noise (daytime)	1hr TSP Noise (daytime)				



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)								
28/3/2017	09:50	Fine	75.1	76.5	71.0	72	72	75
3/4/2017	14:42	Fine	74.5	75.5	70.9	72	71	75
11/4/2017	13:40	Cloudy	74.5	76.0	71.0	72	71	75
18/4/2017	10:00	Fine	73.6	75.5	70.0	72	68	75
24/4/2017	13:46	Cloudy	76.4	78.0	74.0	72	74	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)								
28/3/2017	16:40	Fine	72.2	75.0	67.2	68	70	75
3/4/2017	13:46	Fine	74.9	78.5	67.5	68	74	75
11/4/2017	14:30	Cloudy	70.2	72.5	67.0	68	67	75
18/4/2017	10:45	Fine	71.8	74.5	67.0	68	70	75
24/4/2017	14:30	Fine	70.1	72.0	67.0	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)								
28/3/2017	13:10	Fine	66.4	67.5	64.0	69	66	75
3/4/2017	13:05	Fine	66.5	67.5	64.5	69	67	75
11/4/2017	15:15	Cloudy	65.4	66.5	63.0	69	65	75
18/4/2017	11:30	Fine	66.9	68.0	64.5	69	67	75
24/4/2017	16:04	Cloudy	64.7	66.0	62.0	69	65	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)								
28/3/2017	13:55	Fine	64.2	65.5	62.0	67	64	75
3/4/2017	11:30	Fine	69.7	71.5	61.5	67	66	75
11/4/2017	15:50	Cloudy	66.4	67.5	63.5	67	66	75
18/4/2017	13:00	Fine	65.9	67.5	63.5	67	66	75
24/4/2017	15:15	Cloudy	71.7	74.0	65.0	67	70	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)								
28/3/2017	14:45	Fine	75.8	77.5	72.5	68	75	75
3/4/2017	10:58	Fine	69.4	70.0	66.0	68	64	75
10/4/2017	10:41	Cloudy	71.0	72.5	68.0	68	68	75
18/4/2017	13:50	Fine	78.4	80.0	74.0	68	78	75
28/4/2017	10:49	Cloudy	69.0	70.0	67.0	68	62	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)								
28/3/2017	15:25	Fine	71.4	72.5	68.0	71	63	70
3/4/2017	09:45	Fine	70.1	71.0	67.0	71	70	65
10/4/2017	09:26	Cloudy	68.0	69.0	66.5	71	68	65
18/4/2017	15:00	Fine	70.0	76.0	67.0	71	70	70
26/4/2017	14:30	Cloudy	67.8	69.0	66.0	71	68	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)								
27/3/2017	08:30	Fine	65.5	66.0	62.5	67	66	N/A
5/4/2017	14:29	Fine	66.1	67.5	62.5	67	66	N/A
11/4/2017	17:00	Cloudy	67.3	66.0	62.0	67	58	N/A
18/4/2017	16:30	Fine	75.6	78.5	64.5	67	75	N/A
24/4/2017	10:20	Cloudy	60.2	62.0	60.0	67	60	N/A

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

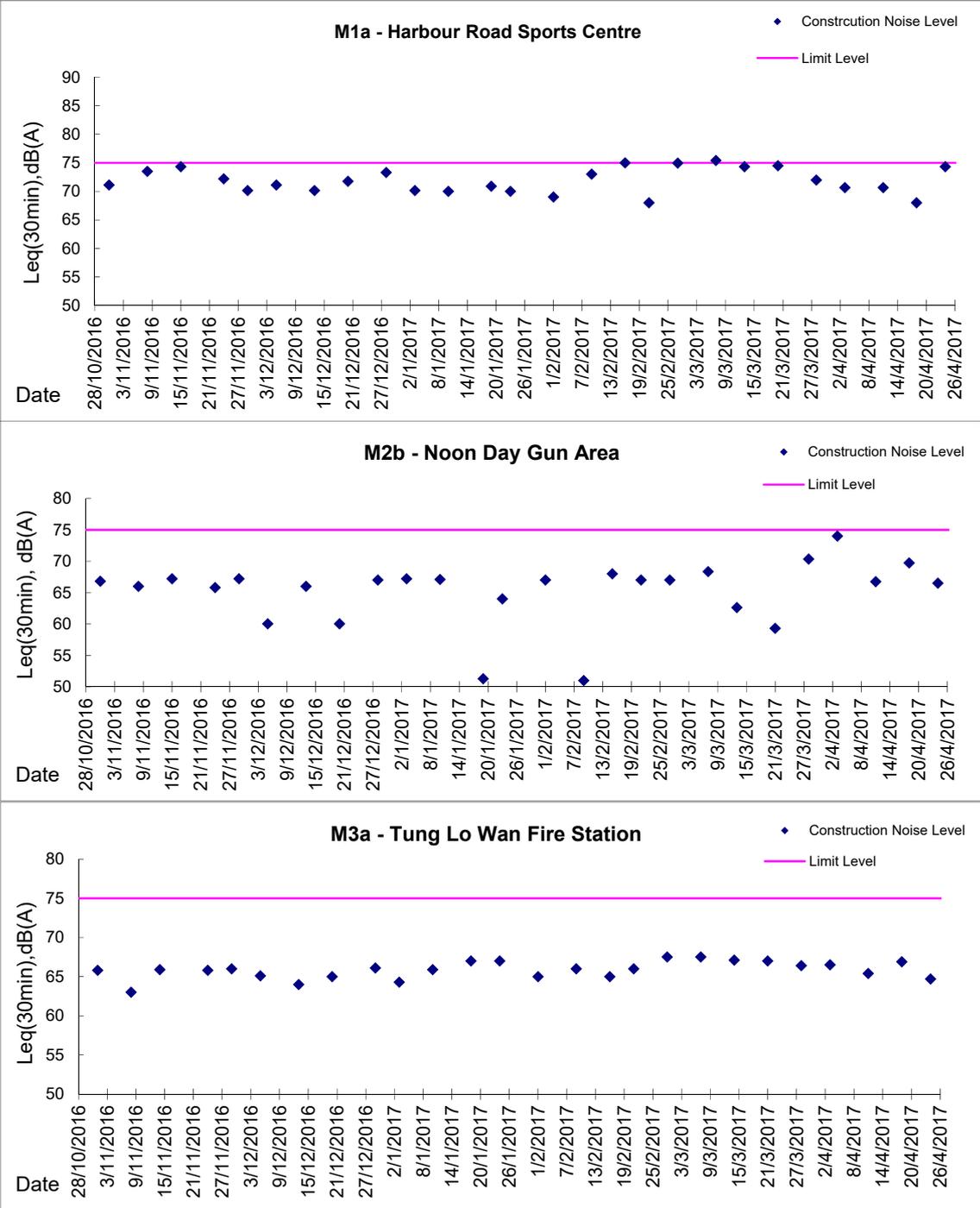
Date	Time	Weather	Measurement Noise Level			Baseline Level	Construction Noise Level	Limit Level
			Leq	L10	L90	Leq	Leq	Leq
Unit: dB(A), (30-min)								
27/3/2017	09:30	Fine	63.5	65.0	60.5	69	64	75
5/4/2017	13:53	Fine	65.9	67.5	63.0	69	66	75
11/4/2017	16:25	Cloudy	64.3	65.5	61.5	69	64	75
18/4/2017	15:58	Fine	64.7	66.0	62.0	69	65	75
24/4/2017	09:48	Cloudy	68.6	71.5	65.5	69	69	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)								
27/3/2017	10:35	Fine	59.5	60.5	57.0	64	60	70
5/4/2017	15:15	Fine	64.7	67.5	63.1	64	56	70
11/4/2017	17:35	Cloudy	65.6	66.4	61.9	64	60	70
18/4/2017	17:08	Fine	65.8	68.3	60.9	64	61	70
24/4/2017	11:06	Cloudy	68.1	72.5	60.5	64	66	70

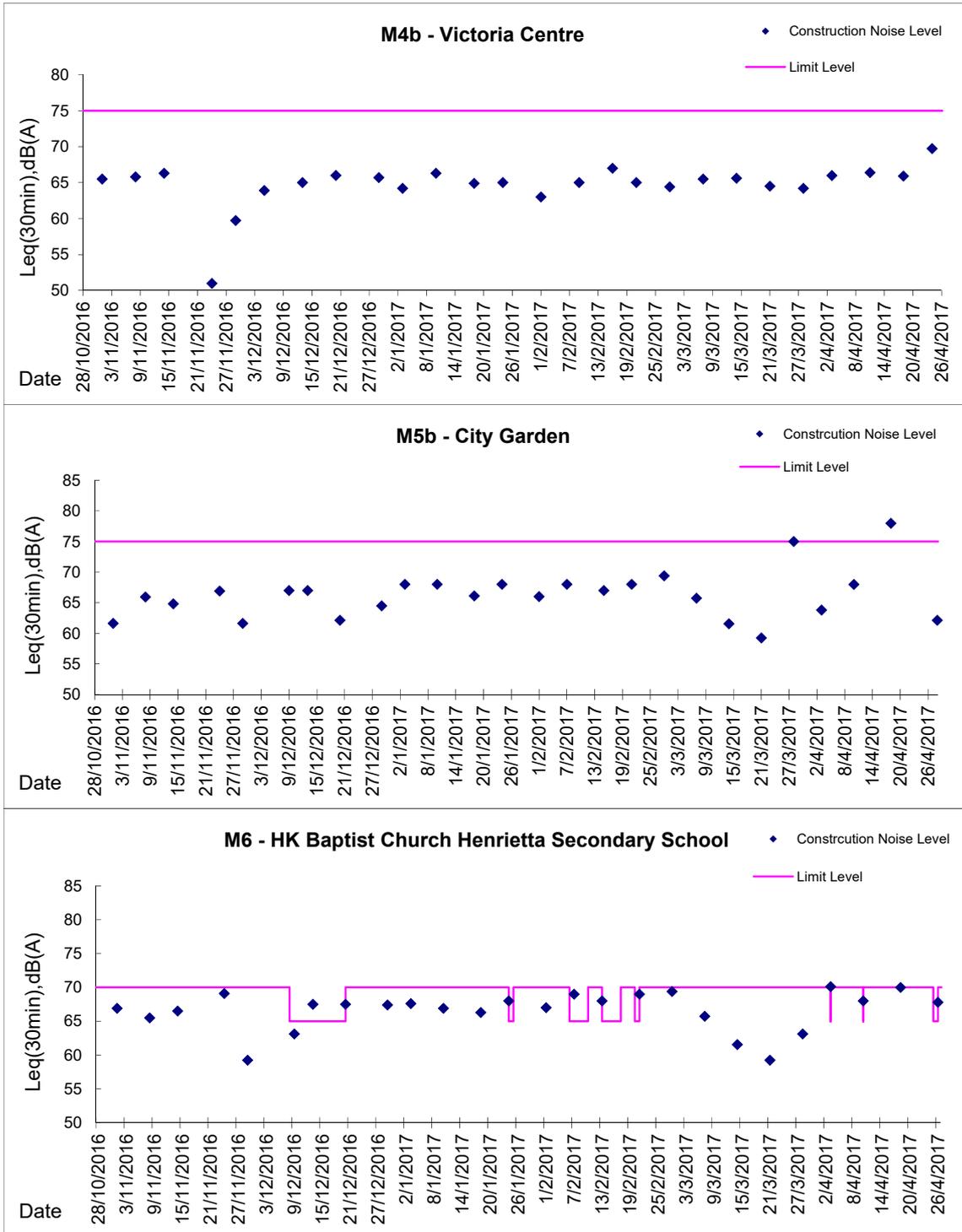
Graphic Presentation of Noise Monitoring Result

Day Time (0700 - 1900hrs on normal weekdays)



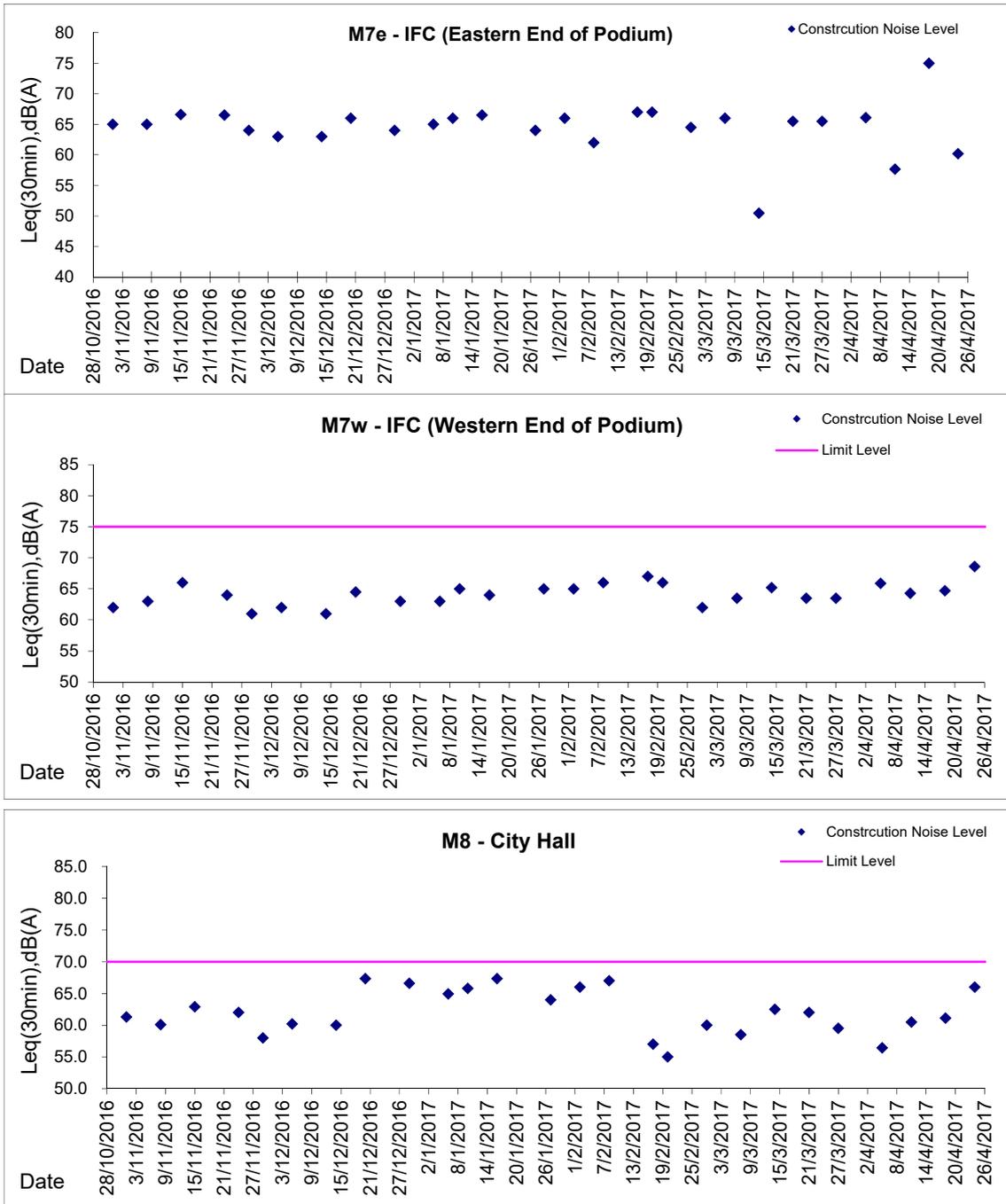
Graphic Presentation of Noise Monitoring Result

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		
31-Mar-17	8:00	Rainy	19820	2.8288	2.9358	9732.64	9756.64	24.00	1.36	1.36	1.36	1960	54.6
6-Apr-17	8:00	Fine	19895	2.6424	2.8509	9759.80	9783.80	24.00	1.35	1.35	1.35	1942	107.3
12-Apr-17	8:00	Rainy	19879	2.6512	2.7707	9786.80	9810.80	24.00	1.36	1.36	1.36	1955	61.1
18-Apr-17	8:00	Fine	20050	2.5123	2.6409	9813.84	9837.84	24.00	1.18	1.18	1.18	1702	75.6
24-Apr-17	8:00	Cloudy	20135	2.5640	2.7350	9840.84	9864.84	24.00	1.08	1.08	1.08	1556	109.9

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		
1-Apr-17	8:50	Cloudy	19811	2.8227	2.8371	9756.64	9757.64	1.00	1.36	1.36	1.36	82	176.0
1-Apr-17	10:15	Cloudy	19805	2.8052	2.8180	9757.64	9758.64	1.00	1.36	1.36	1.36	82	156.4
1-Apr-17	13:00	Cloudy	19780	2.8344	2.8403	9758.64	9759.64	1.00	1.36	1.36	1.36	82	72.1
7-Apr-17	9:00	Fine	19894	2.6410	2.6546	9783.80	9784.80	1.00	1.35	1.35	1.35	81	168.2
7-Apr-17	10:40	Fine	19884	2.6488	2.6569	9784.80	9785.80	1.00	1.35	1.35	1.35	81	100.2
7-Apr-17	13:00	Fine	19881	2.6342	2.6418	9785.80	9786.80	1.00	1.35	1.35	1.35	81	94.0
13-Apr-17	8:50	Cloudy	19851	2.6411	2.6520	9810.80	9811.80	1.00	1.36	1.36	1.36	82	133.6
13-Apr-17	10:20	Cloudy	19855	2.6384	2.6470	9811.80	9812.80	1.00	1.36	1.36	1.36	82	105.4
13-Apr-17	13:00	Cloudy	19618	2.8393	2.8469	9812.80	9813.80	1.00	1.20	1.20	1.20	72	105.6
19-Apr-17	8:50	Fine	20043	2.4815	2.4869	9837.84	9838.84	1.00	1.18	1.18	1.18	71	76.2
19-Apr-17	10:30	Fine	20085	2.4943	2.5018	9838.84	9839.84	1.00	1.18	1.18	1.18	71	105.8
19-Apr-17	13:00	Fine	20078	2.4763	2.4862	9839.84	9840.84	1.00	1.18	1.18	1.18	71	139.6
25-Apr-17	9:00	Cloudy	20142	2.5916	2.6070	9864.84	9865.84	1.00	1.22	1.22	1.22	73	210.2
25-Apr-17	10:35	Cloudy	20151	2.5686	2.5843	9865.84	9866.84	1.00	1.22	1.22	1.22	73	214.3
25-Apr-17	13:00	Cloudy	20146	2.5758	2.5987	9866.84	9867.84	1.00	1.22	1.22	1.22	73	312.6



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		
31-Mar-17	8:00	Rainy	19574	2.8298	2.8807	19342.10	19366.10	24.00	1.14	1.14	1.14	1640	31.0
6-Apr-17	8:00	Fine	19776	2.8193	2.9262	19369.10	19393.10	24.00	1.13	1.12	1.13	1621	65.9
12-Apr-17	8:00	Rainy	19880	2.6569	2.7438	19396.10	19420.10	24.00	1.27	1.27	1.27	1827	47.6
18-Apr-17	8:00	Fine	20051	2.5074	2.6344	19423.14	19447.14	24.00	1.03	1.03	1.03	1482	85.7
24-Apr-17	8:00	Cloudy	20074	2.5135	2.6729	19450.14	19474.14	24.00	1.08	1.08	1.08	1556	102.5

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		
1-Apr-17	8:50	Cloudy	19812	2.8221	2.8259	19366.10	19367.10	1.00	1.14	1.14	1.14	68	55.5
1-Apr-17	10:00	Cloudy	19806	2.7981	2.8007	19367.10	19368.10	1.00	1.14	1.14	1.14	68	38.0
1-Apr-17	13:00	Cloudy	19781	2.8283	2.8322	19368.10	19369.10	1.00	1.14	1.14	1.14	68	56.9
7-Apr-17	9:05	Fine	20001	2.8294	2.8334	19393.10	19394.10	1.00	1.12	1.12	1.12	67	59.3
7-Apr-17	10:40	Fine	19888	2.6375	2.6428	19394.10	19395.10	1.00	1.12	1.12	1.12	67	78.5
7-Apr-17	13:15	Fine	19882	2.6732	2.6779	19395.10	19396.10	1.00	1.12	1.12	1.12	67	69.6
13-Apr-17	9:30	Cloudy	19850	2.6174	2.6215	19420.10	19421.10	1.00	1.14	1.14	1.14	68	60.1
13-Apr-17	10:32	Cloudy	19856	2.6350	2.6402	19421.10	19422.10	1.00	1.14	1.14	1.14	68	76.2
13-Apr-17	13:00	Cloudy	19619	2.8314	2.8366	19422.10	19423.10	1.00	0.98	0.98	0.98	59	88.7
19-Apr-17	9:10	Fine	20045	2.4950	2.5046	19447.14	19448.14	1.00	1.10	1.10	1.10	66	145.2
19-Apr-17	10:40	Fine	20071	2.4790	2.4852	19448.14	19449.14	1.00	0.99	0.99	0.99	60	104.0
19-Apr-17	13:00	Fine	20079	2.4795	2.4833	19449.14	19450.14	1.00	0.96	0.96	0.96	57	66.2
25-Apr-17	9:20	Cloudy	20141	2.5642	2.5733	19474.15	19475.15	1.00	0.97	0.97	0.97	58	156.4
25-Apr-17	10:45	Cloudy	20153	2.5854	2.5916	19475.15	19476.15	1.00	0.97	0.97	0.97	58	106.6
25-Apr-17	13:00	Cloudy	20145	2.5442	2.5507	19476.15	19477.15	1.00	1.04	1.04	1.04	63	103.9



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		
31-Mar-17	8:00	Rainy	19822	2.6356	2.7118	6819.48	6843.48	24.00	1.18	1.19	1.19	1710	44.6
7-Apr-17	17:10	Fine	19875	2.6320	2.7301	6862.64	6886.64	24.00	1.17	1.17	1.17	1685	58.2
12-Apr-17	8:00	Rainy	19871	2.6566	2.7168	6886.64	6910.64	24.00	1.18	1.19	1.18	1704	35.3
18-Apr-17	8:00	Fine	20052	2.5142	2.6590	6913.64	6937.64	24.00	1.16	1.16	1.16	1676	86.4
24-Apr-17	8:00	Cloudy	20162	2.5782	2.6857	6940.65	6964.65	24.00	1.02	1.02	1.02	1472	73.0

Remarks: Due to interruption of electricity, the 24hr TSP was rescheduled from 6 April 2017 to 7 April 2017.

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		
1-Apr-17	8:30	Cloudy	19813	2.8067	2.8094	6843.48	6844.48	1.00	1.19	1.19	1.19	71	37.8
1-Apr-17	9:55	Cloudy	19807	2.8197	2.8230	6844.48	6845.48	1.00	1.19	1.19	1.19	71	46.2
1-Apr-17	11:00	Cloudy	19803	2.8094	2.8123	6845.48	6846.48	1.00	1.19	1.19	1.19	71	40.6
7-Apr-17	14:00	Fine	20000	2.8479	2.8531	6859.64	6860.64	1.00	1.03	1.03	1.03	62	84.3
7-Apr-17	15:02	Fine	19878	2.6293	2.6343	6860.64	6861.64	1.00	1.03	1.03	1.03	62	81.0
7-Apr-17	16:05	Fine	19889	2.6422	2.6462	6861.64	6862.64	1.00	1.10	1.10	1.10	66	60.6
13-Apr-17	8:03	Cloudy	19867	2.6305	2.6340	6910.64	6911.64	1.00	1.19	1.19	1.19	71	49.2
13-Apr-17	10:00	Cloudy	19853	2.6398	2.6433	6911.64	6912.64	1.00	1.19	1.19	1.19	71	49.2
13-Apr-17	13:00	Cloudy	19223	2.8483	2.8529	6912.64	6913.64	1.00	1.19	1.19	1.19	71	64.7
19-Apr-17	8:30	Fine	20047	2.5189	2.5204	6937.64	6938.64	1.00	1.02	1.02	1.02	61	24.5
19-Apr-17	10:15	Fine	20069	2.4700	2.4727	6938.64	6939.64	1.00	1.02	1.02	1.02	61	44.0
19-Apr-17	13:00	Fine	20081	2.4959	2.4992	6939.64	6940.64	1.00	1.02	1.02	1.02	61	53.8
25-Apr-17	8:40	Cloudy	20139	2.5272	2.5348	6964.65	6965.65	1.00	1.16	1.16	1.16	69	109.5
25-Apr-17	10:15	Cloudy	20155	2.5442	2.5510	6965.65	6966.65	1.00	1.16	1.16	1.16	69	98.0
25-Apr-17	13:00	Cloudy	20147	2.5923	2.5995	6966.65	6967.65	1.00	1.16	1.16	1.16	69	103.8



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		
31-Mar-17	8:00	Rainy	19575	2.8523	2.8974	23592.09	23616.09	24.00	1.23	1.23	1.23	1775	25.4
7-Apr-17	14:45	Fine	19872	2.6509	2.7338	23622.09	23646.09	24.00	1.27	1.27	1.27	1828	45.3
12-Apr-17	8:00	Rainy	19870	2.6412	2.6942	23646.14	23670.14	24.00	1.28	1.28	1.28	1840	28.8
18-Apr-17	8:00	Fine	20042	2.4916	2.5760	23673.14	23697.14	24.00	1.26	1.26	1.26	1821	46.3
24-Apr-17	8:00	Cloudy	20073	2.4700	2.6078	23700.15	23724.15	24.00	0.93	0.93	0.93	1334	103.3

Remarks: Due to interruption of electricity, the 24hr TSP was rescheduled from 6 April 2017 to 7 April 2017.

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		
1-Apr-17	8:30	Cloudy	19798	2.8112	2.8124	23616.09	23617.09	1.00	1.28	1.28	1.28	77	15.6
1-Apr-17	9:55	Cloudy	19808	2.8094	2.8123	23617.09	23618.09	1.00	1.28	1.28	1.28	77	37.7
1-Apr-17	11:00	Cloudy	19802	2.8182	2.8199	23618.09	23619.09	1.00	1.28	1.28	1.28	77	22.1
7-Apr-17	8:40	Fine	19999	2.8477	2.8518	23619.09	23620.09	1.00	1.27	1.27	1.27	76	53.8
7-Apr-17	10:10	Fine	19890	2.6440	2.6462	23620.09	23621.09	1.00	1.22	1.22	1.22	73	30.0
7-Apr-17	13:00	Fine	19887	2.6249	2.6295	23621.09	23622.09	1.00	1.27	1.27	1.27	76	60.4
13-Apr-17	8:45	Cloudy	19849	2.6558	2.6585	23670.14	23671.14	1.00	1.28	1.28	1.28	77	35.2
13-Apr-17	10:00	Cloudy	19857	2.6414	2.6433	23671.14	23672.14	1.00	1.28	1.28	1.28	77	24.7
13-Apr-17	13:00	Cloudy	19617	2.8563	2.8605	23672.14	23673.14	1.00	1.28	1.28	1.28	77	54.7
19-Apr-17	8:30	Fine	20048	2.5077	2.5114	23697.15	23698.15	1.00	1.26	1.26	1.26	76	48.8
19-Apr-17	10:15	Fine	20068	2.5062	2.5091	23698.15	23699.15	1.00	1.26	1.26	1.26	76	38.2
19-Apr-17	13:00	Fine	20082	2.4673	2.4697	23699.15	23700.15	1.00	1.26	1.26	1.26	76	31.6
25-Apr-17	8:50	Cloudy	20138	2.5743	2.5808	23724.15	23725.15	1.00	0.93	0.93	0.93	56	117.0
25-Apr-17	10:15	Cloudy	20156	2.5620	2.5681	23725.15	23726.15	1.00	0.93	0.93	0.93	56	109.8
25-Apr-17	13:00	Cloudy	20148	2.5513	2.5586	23726.15	23727.15	1.00	0.93	0.93	0.93	56	131.4



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		
31-Mar-17	8:00	Rainy	19823	2.6104	2.6631	8187.71	8211.71	24.00	0.85	0.85	0.85	1221	43.2
6-Apr-17	8:00	Fine	19779	2.8292	2.9819	8214.71	8238.71	24.00	0.84	0.84	0.84	1205	126.7
12-Apr-17	8:00	Rainy	19877	2.6223	2.7310	8241.71	8265.71	24.00	0.90	0.91	0.90	1301	83.5
18-Apr-17	8:00	Fine	19972	2.9208	3.0670	8268.71	8292.71	24.00	0.83	0.83	0.83	1196	122.2
24-Apr-17	8:00	Cloudy	20077	2.4703	2.6024	8295.71	8319.71	24.00	0.89	0.89	0.89	1282	103.0

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		
1-Apr-17	8:03	Cloudy	19821	2.6456	2.6568	8211.71	8212.71	1.00	0.91	0.91	0.91	55	205.3
1-Apr-17	9:35	Cloudy	19799	2.8229	2.8336	8212.71	8213.71	1.00	0.91	0.91	0.91	55	196.2
1-Apr-17	10:45	Cloudy	19804	2.7975	2.8064	8213.71	8214.71	1.00	0.91	0.91	0.91	55	163.2
7-Apr-17	8:15	Fine	19996	2.8489	2.8581	8238.71	8239.71	1.00	0.84	0.86	0.85	51	180.4
7-Apr-17	9:35	Fine	19893	2.6444	2.6496	8239.71	8240.71	1.00	0.84	0.84	0.84	50	103.7
7-Apr-17	11:00	Fine	19885	2.6526	2.6649	8240.71	8241.71	1.00	0.89	0.89	0.89	54	229.4
13-Apr-17	8:10	Cloudy	19848	2.6621	2.6671	8265.71	8266.71	1.00	0.96	0.96	0.96	58	86.4
13-Apr-17	9:40	Cloudy	19852	2.6378	2.6448	8266.71	8267.71	1.00	0.96	0.96	0.96	58	121.0
13-Apr-17	11:00	Cloudy	19595	2.8511	2.8625	8267.71	8268.71	1.00	0.96	0.96	0.96	58	197.1
19-Apr-17	8:05	Fine	20167	2.5751	2.5824	8292.71	8293.71	1.00	0.89	0.89	0.89	53	137.0
19-Apr-17	9:50	Fine	20044	2.5039	2.5057	8293.71	8294.71	1.00	0.83	0.83	0.83	50	36.1
19-Apr-17	13:00	Fine	20072	2.4903	2.4936	8294.71	8295.71	1.00	0.89	0.89	0.89	53	61.9
25-Apr-17	8:25	Cloudy	20137	2.5387	2.5453	8319.75	8320.75	1.00	0.76	0.76	0.76	46	143.8
25-Apr-17	9:55	Cloudy	20143	2.5594	2.5712	8320.75	8321.75	1.00	0.76	0.76	0.76	46	257.2
25-Apr-17	11:00	Cloudy	20152	2.5829	2.5960	8321.75	8322.75	1.00	0.76	0.76	0.76	46	285.5



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		
31-Mar-17	8:00	Rainy	19582	2.8528	3.0064	20524.46	20548.46	24.00	1.21	1.22	1.21	1748	87.9
6-Apr-17	8:00	Fine	19795	2.8149	2.9222	20551.46	20575.46	24.00	1.20	1.20	1.20	1730	62.0
12-Apr-17	8:00	Rainy	19966	2.8351	2.8825	20578.46	20602.46	24.00	1.18	1.18	1.18	1702	27.8
18-Apr-17	8:00	Fine	20126	2.6240	2.7717	20605.46	20629.46	24.00	1.20	1.20	1.20	1721	85.8
24-Apr-17	8:00	Cloudy	19977	2.9188	3.0550	20632.46	20656.46	24.00	1.10	1.10	1.10	1583	86.0

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		
1-Apr-17	8:46	Cloudy	19786	2.8208	2.8236	20548.46	20549.46	1.00	1.22	1.22	1.22	73	38.4
1-Apr-17	9:48	Cloudy	19789	2.8092	2.8106	20549.46	20550.46	1.00	1.22	1.22	1.22	73	19.2
1-Apr-17	10:50	Cloudy	19789	2.8224	2.8239	20550.46	20551.46	1.00	1.22	1.22	1.22	73	20.6
7-Apr-17	9:15	Fine	19968	2.8375	2.8401	20575.46	20576.46	1.00	1.09	1.09	1.09	65	39.8
7-Apr-17	10:17	Fine	19967	2.8529	2.8557	20576.46	20577.46	1.00	1.09	1.09	1.09	65	42.9
7-Apr-17	13:00	Fine	19967	2.8380	2.8423	20577.46	20578.46	1.00	1.20	1.20	1.20	72	59.7
13-Apr-17	9:30	Cloudy	19792	2.8409	2.8445	20602.46	20603.46	1.00	1.21	1.21	1.21	73	49.5
13-Apr-17	10:31	Cloudy	19794	2.8224	2.8251	20603.46	20604.46	1.00	1.21	1.21	1.21	73	37.1
13-Apr-17	13:00	Cloudy	19793	2.8419	2.8456	20604.46	20605.46	1.00	1.21	1.21	1.21	73	50.9
19-Apr-17	9:50	Fine	19983	2.8504	2.8536	20629.46	20630.46	1.00	1.20	1.20	1.20	72	44.6
19-Apr-17	13:00	Fine	18495	2.8304	2.8317	20630.46	20631.46	1.00	1.08	1.08	1.08	65	20.0
19-Apr-17	14:02	Fine	19979	2.8986	2.9006	20631.46	20632.46	1.00	1.20	1.20	1.20	72	27.9
25-Apr-17	9:45	Cloudy	20067	2.4936	2.5011	20656.53	20657.53	1.00	1.10	1.10	1.10	66	113.7
25-Apr-17	10:47	Cloudy	20066	2.5056	2.5117	20657.53	20658.53	1.00	1.10	1.10	1.10	66	92.5
25-Apr-17	13:00	Cloudy	20065	2.5092	2.5163	20658.53	20659.53	1.00	1.10	1.10	1.10	66	107.7



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		
31-Mar-17	8:00	Rainy	19581	2.8661	2.8954	20305.69	20329.69	24.00	1.35	1.35	1.35	1940	15.1
6-Apr-17	8:00	Fine	19796	2.8156	2.9114	20332.69	20356.69	24.00	1.34	1.34	1.34	1924	49.8
12-Apr-17	8:00	Rainy	19960	2.8397	2.8946	20359.69	20383.69	24.00	1.34	1.35	1.34	1936	28.4
18-Apr-17	8:00	Fine	20125	2.5511	2.6693	20386.69	20410.69	24.00	1.33	1.33	1.33	1916	61.7
24-Apr-17	8:00	Cloudy	19976	2.9336	3.0773	20413.69	20437.69	24.00	1.32	1.32	1.32	1896	75.8

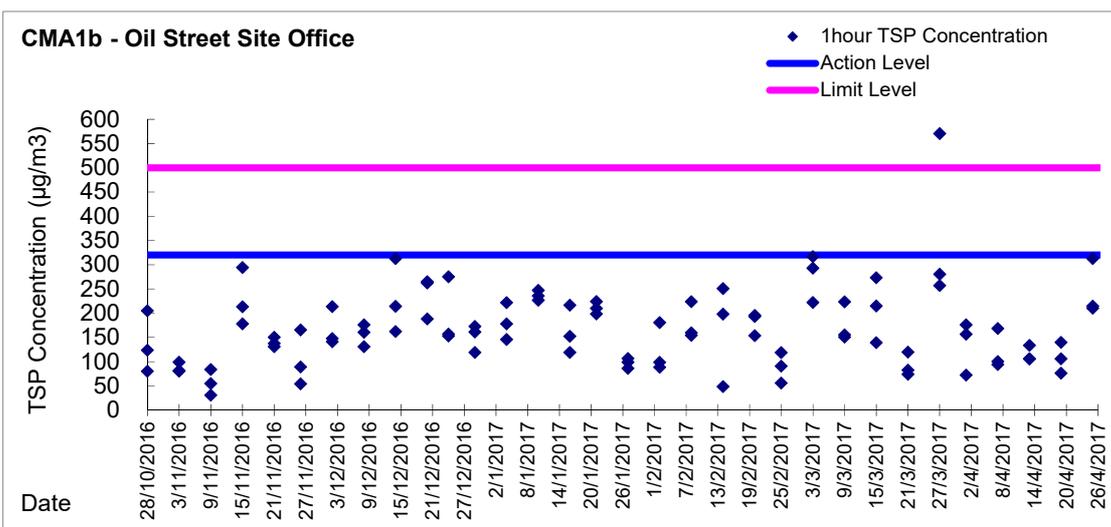
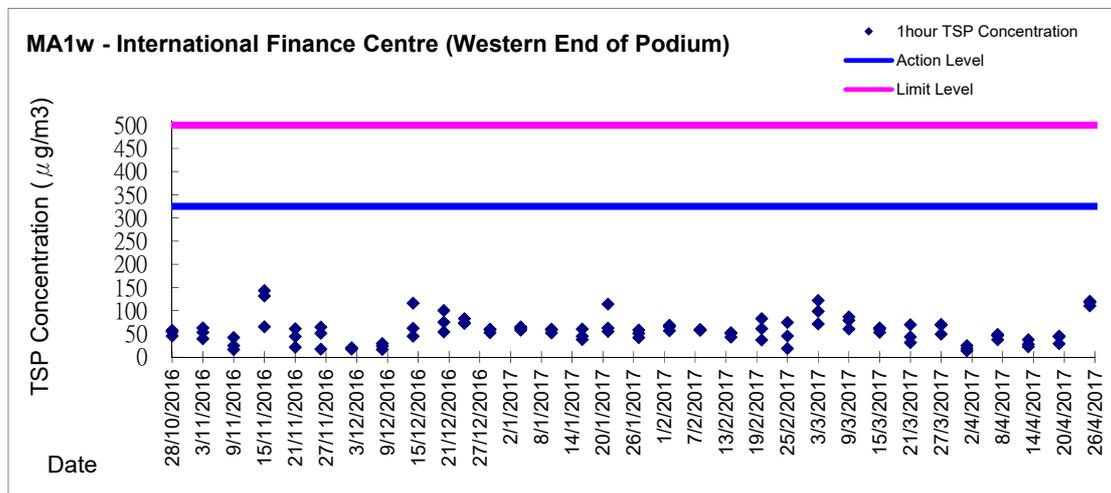
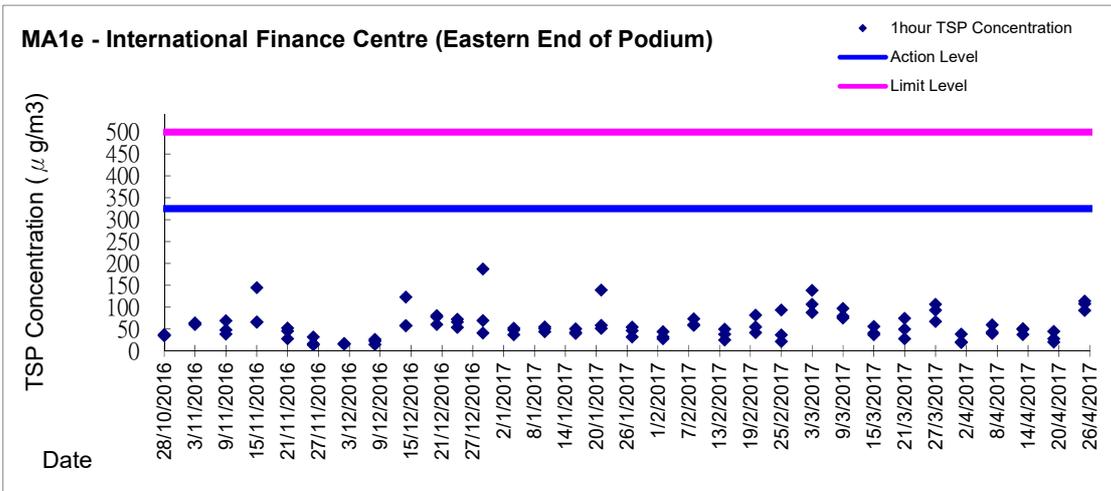
Report on 1-hour TSP monitoring

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		
1-Apr-17	8:47	Cloudy	19784	2.8245	2.8265	20329.69	20330.69	1.00	1.35	1.35	1.35	81	24.7
1-Apr-17	9:49	Cloudy	19787	2.7974	2.7989	20330.69	20331.69	1.00	1.35	1.35	1.35	81	18.5
1-Apr-17	10:52	Cloudy	19790	2.8286	2.8297	20331.69	20332.69	1.00	1.35	1.35	1.35	81	13.6
7-Apr-17	9:18	Fine	19957	2.8293	2.8330	20356.69	20357.69	1.00	1.34	1.34	1.34	80	46.2
7-Apr-17	10:24	Fine	19956	2.8458	2.8497	20357.69	20358.69	1.00	1.34	1.34	1.34	80	48.7
7-Apr-17	13:00	Fine	19961	2.8512	2.8542	20358.69	20359.69	1.00	1.34	1.34	1.34	80	37.4
13-Apr-17	9:33	Cloudy	20122	2.5713	2.5731	20383.69	20384.69	1.00	1.35	1.35	1.35	81	22.3
13-Apr-17	10:35	Cloudy	20123	2.5645	2.5667	20384.69	20385.69	1.00	1.35	1.35	1.35	81	27.2
13-Apr-17	13:00	Cloudy	20124	2.5869	2.5899	20385.69	20386.69	1.00	1.35	1.35	1.35	81	37.1
19-Apr-17	9:57	Fine	19982	2.8435	2.8470	20410.69	20411.69	1.00	1.33	1.33	1.33	80	43.8
19-Apr-17	13:00	Fine	18518	2.8391	2.8427	20411.69	20412.69	1.00	1.33	1.33	1.33	80	45.1
19-Apr-17	14:05	Fine	19978	2.8970	2.8993	20412.69	20413.69	1.00	1.33	1.33	1.33	80	28.8
25-Apr-17	9:46	Cloudy	20063	2.5071	2.5164	20437.83	20438.83	1.00	1.32	1.32	1.32	79	117.8
25-Apr-17	10:48	Cloudy	20062	2.4971	2.5066	20438.83	20439.83	1.00	1.32	1.32	1.32	79	120.3
25-Apr-17	13:00	Cloudy	20061	2.4790	2.4877	20439.83	20440.83	1.00	1.32	1.32	1.32	79	110.2

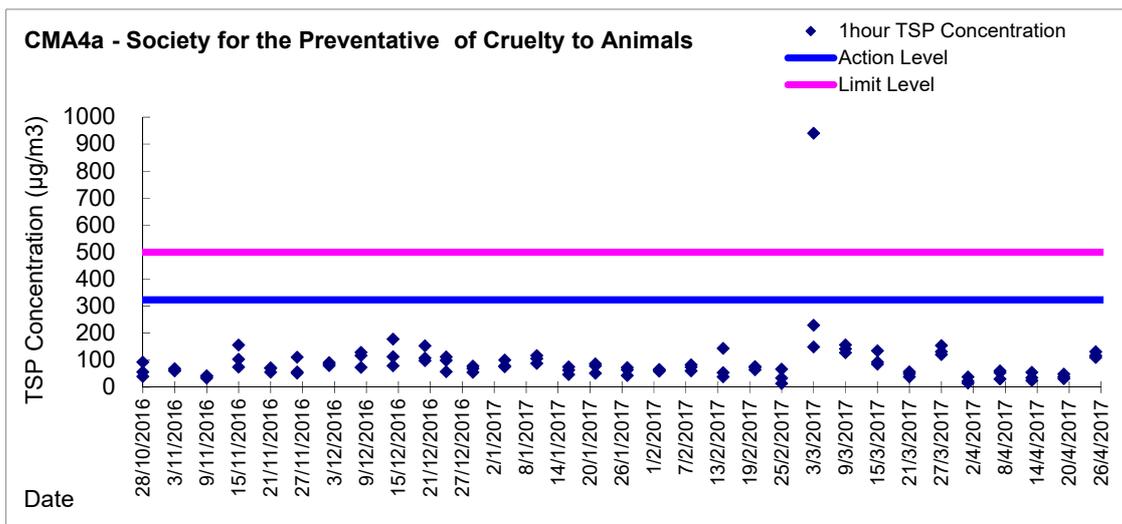
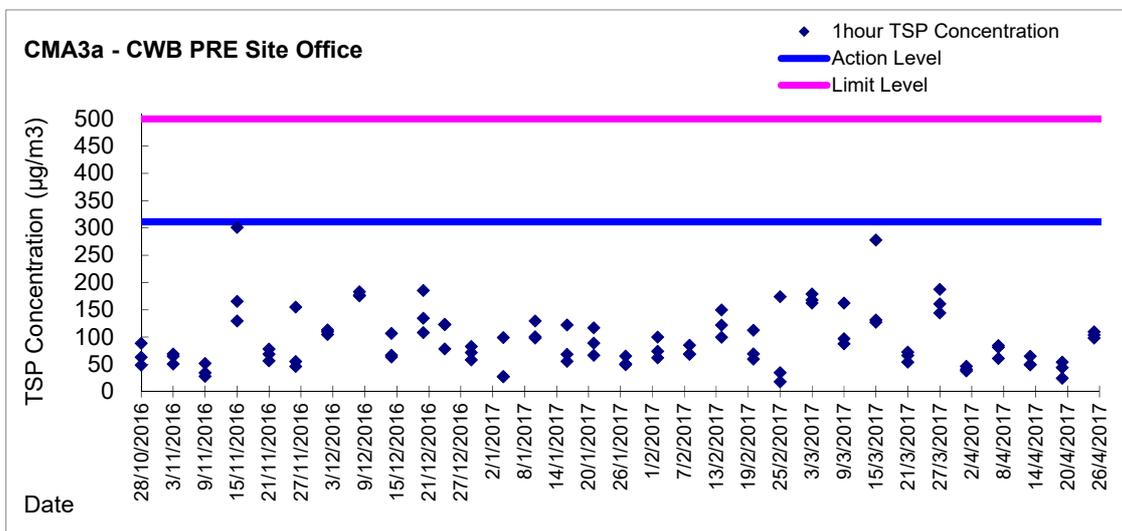
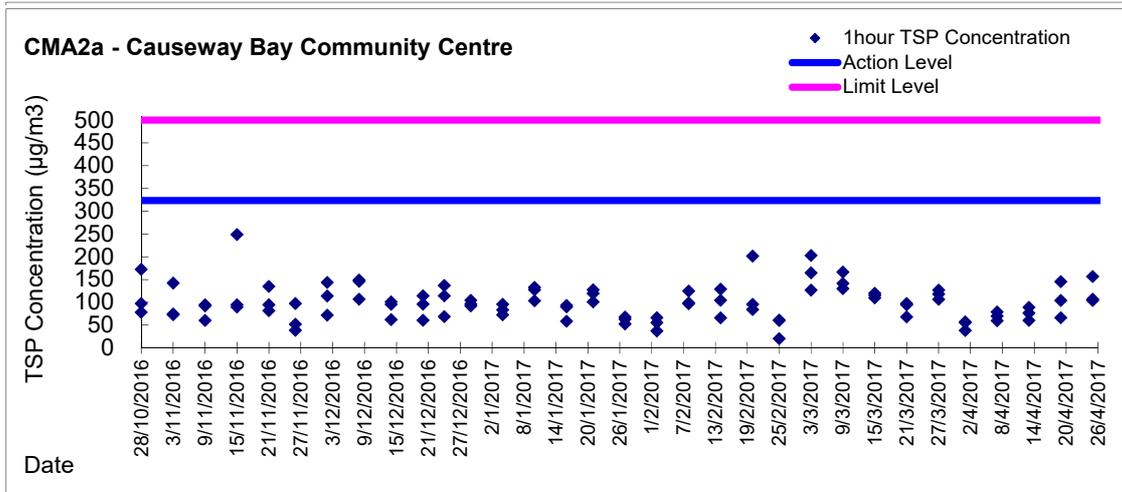


Graphic Presentation of 1 hour TSP Result

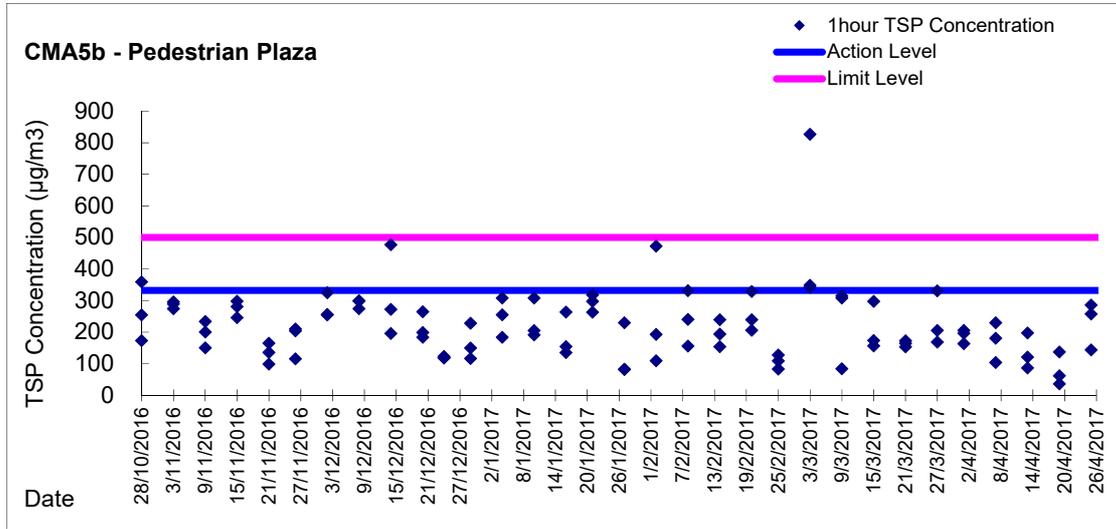




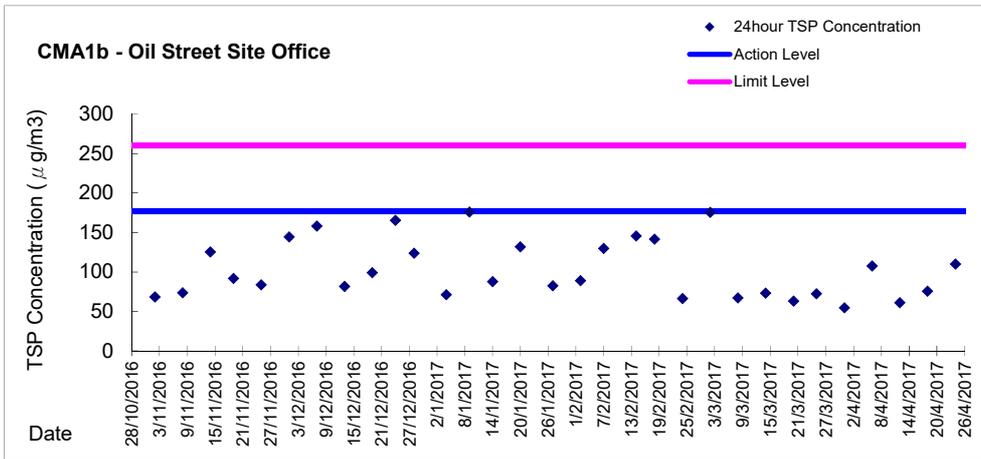
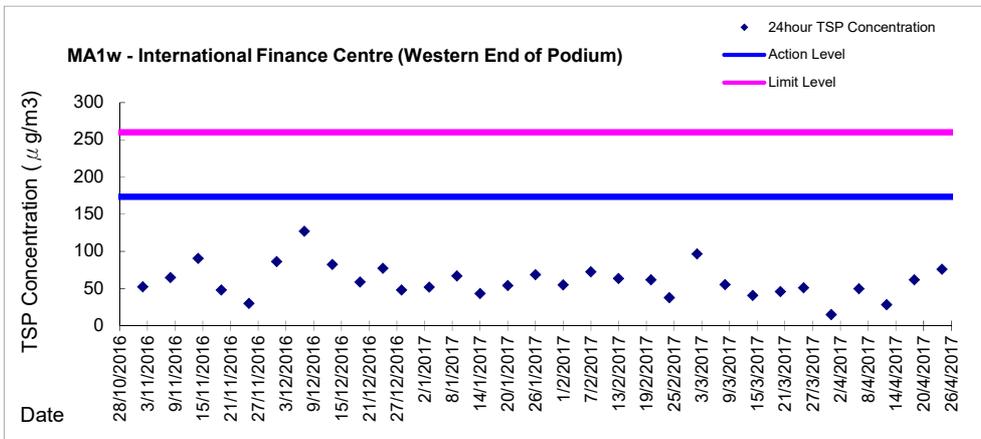
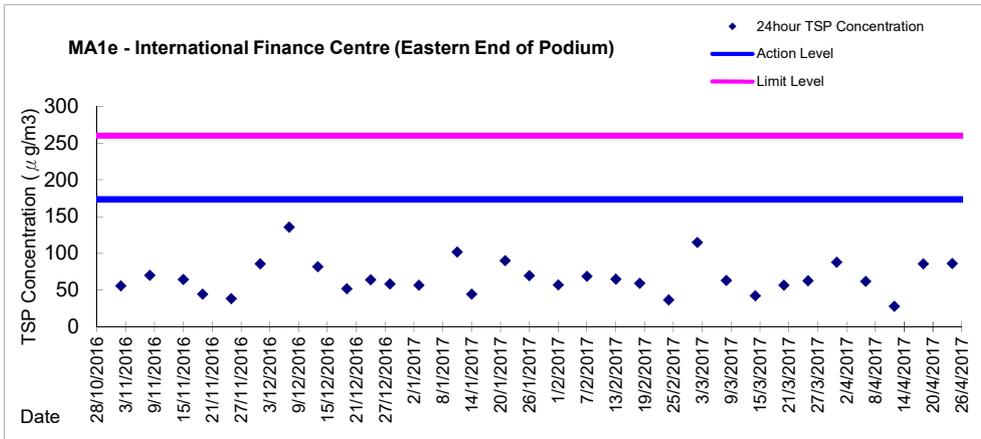
Graphic Presentation of 1 hour TSP Result



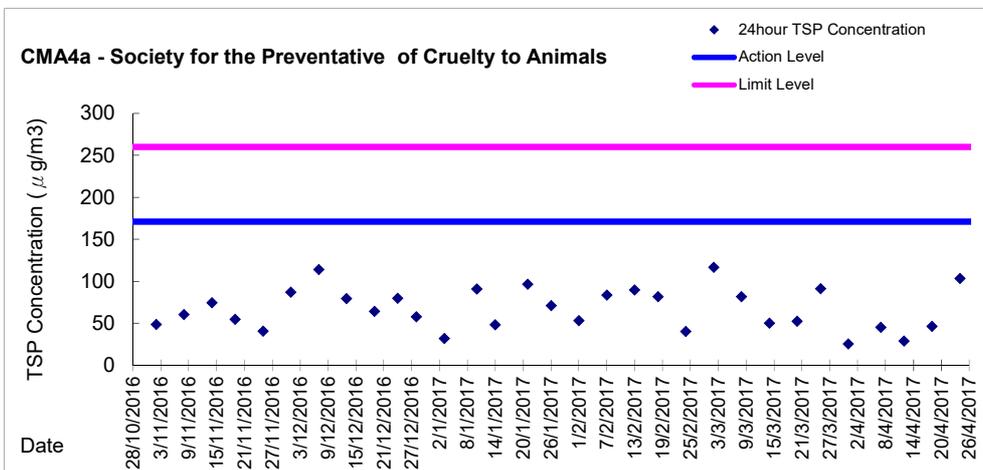
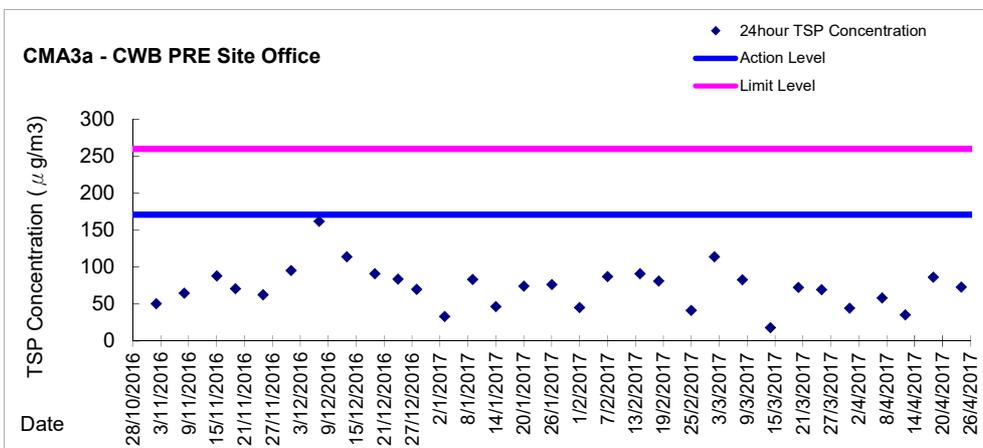
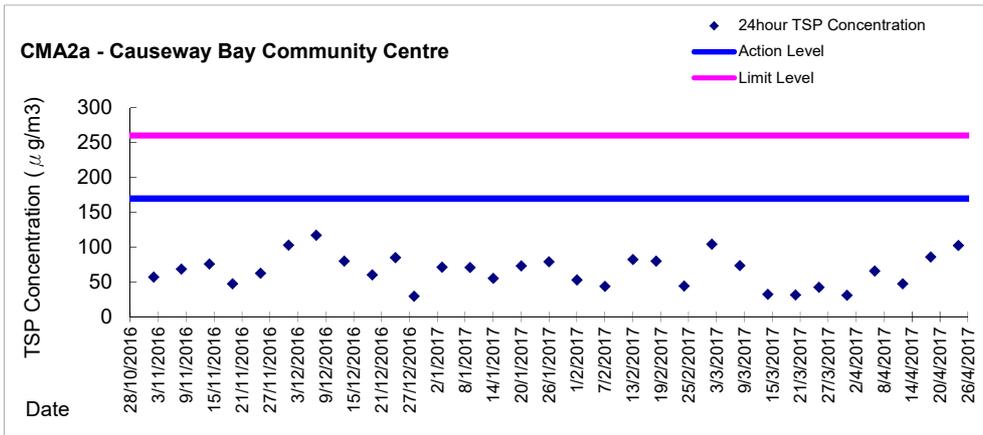
Graphic Presentation of 1 hour TSP Result



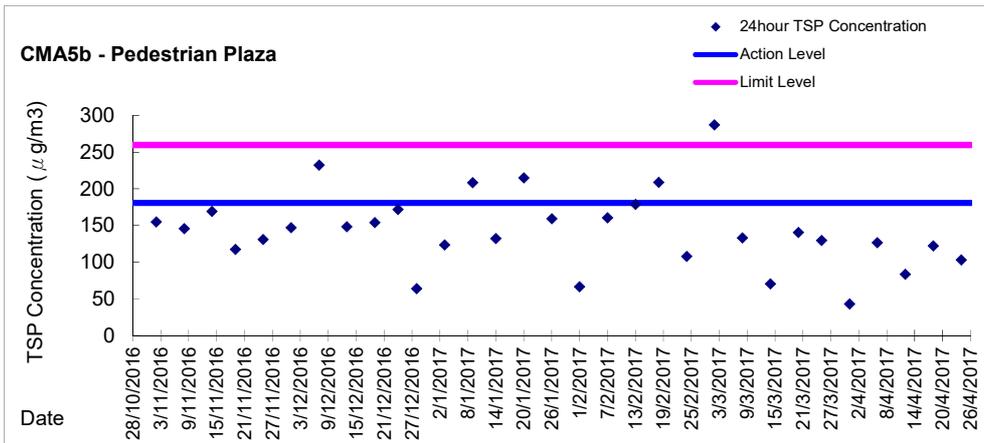
Graphic Presentation of 24 hour TSP Result



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		31/3/2017 12:31 67		7/4/2017 7:01 64		12/4/2017 13:31 69		21/4/2017 8:01 68		26/4/2017 14:31 66	
27/3/2017 7:01	64	31/3/2017 13:01	68	7/4/2017 7:31	65	12/4/2017 14:01	67	21/4/2017 8:31	70	26/4/2017 15:01	66
27/3/2017 7:31	65	31/3/2017 13:31	68	7/4/2017 8:01	66	12/4/2017 14:31	66	21/4/2017 9:01	66	26/4/2017 15:31	66
27/3/2017 8:01	65	31/3/2017 14:01	67	7/4/2017 8:31	65	12/4/2017 15:01	66	21/4/2017 9:31	66	26/4/2017 16:01	66
27/3/2017 8:31	65	31/3/2017 14:31	67	7/4/2017 9:01	65	12/4/2017 15:31	67	21/4/2017 10:01	69	26/4/2017 16:31	66
27/3/2017 9:01	66	31/3/2017 15:01	66	7/4/2017 9:31	65	12/4/2017 16:01	68	21/4/2017 10:31	67	26/4/2017 17:01	67
27/3/2017 9:31	67	31/3/2017 15:31	66	7/4/2017 10:01	65	12/4/2017 16:31	68	21/4/2017 11:01	66	26/4/2017 17:31	67
27/3/2017 10:01	67	31/3/2017 16:01	66	7/4/2017 10:31	66	12/4/2017 17:01	67	21/4/2017 11:31	66	26/4/2017 18:01	66
27/3/2017 10:31	67	31/3/2017 16:31	66	7/4/2017 11:01	66	12/4/2017 17:31	66	21/4/2017 12:01	66	26/4/2017 18:31	66
27/3/2017 11:01	67	31/3/2017 17:01	66	7/4/2017 11:31	66	12/4/2017 18:01	66	21/4/2017 12:31	66		
27/3/2017 11:31	66	31/3/2017 17:31	66	7/4/2017 12:01	65	12/4/2017 18:31	66	21/4/2017 13:01	66	<u>Normal Day 19:00-23:00</u>	
27/3/2017 12:01	66	31/3/2017 18:01	66	7/4/2017 12:31	65	12/4/2017 19:01	65	21/4/2017 13:31	66	<u>Sunday & Holiday</u>	
27/3/2017 12:31	66	31/3/2017 18:31	65	7/4/2017 13:01	66	13/4/2017 7:01	67	21/4/2017 14:01	66	<u>07:00-23:00</u>	
27/3/2017 13:01	66	1/4/2017 7:01	64	7/4/2017 13:31	66	13/4/2017 8:01	67	21/4/2017 14:31	66	27/3/2017 19:01	65
27/3/2017 13:31	67	1/4/2017 7:31	66	7/4/2017 14:01	66	13/4/2017 8:31	65	21/4/2017 15:01	66	27/3/2017 19:31	66
27/3/2017 14:01	66	1/4/2017 8:01	67	7/4/2017 14:31	66	13/4/2017 9:01	65	21/4/2017 15:31	66	27/3/2017 20:01	66
27/3/2017 14:31	66	1/4/2017 8:31	67	7/4/2017 15:01	66	13/4/2017 9:31	67	21/4/2017 16:01	72	27/3/2017 20:31	66
27/3/2017 15:01	67	1/4/2017 9:01	67	7/4/2017 15:31	66	13/4/2017 10:01	69	21/4/2017 16:31	69	27/3/2017 21:01	65
27/3/2017 15:31	66	1/4/2017 9:31	67	7/4/2017 16:01	66	13/4/2017 10:31	67	21/4/2017 17:01	67	27/3/2017 21:31	66
27/3/2017 16:01	66	1/4/2017 10:01	66	7/4/2017 16:31	66	13/4/2017 11:01	67	21/4/2017 17:31	66	27/3/2017 22:01	66
27/3/2017 16:31	66	1/4/2017 10:31	66	7/4/2017 17:01	66	13/4/2017 11:31	67	21/4/2017 18:01	66	27/3/2017 22:31	64
27/3/2017 17:01	67	1/4/2017 11:01	66	7/4/2017 17:31	66	13/4/2017 12:01	67	21/4/2017 18:31	64	27/3/2017 23:01	62
27/3/2017 17:31	66	1/4/2017 11:31	66	7/4/2017 18:01	67	13/4/2017 12:31	66	22/4/2017 7:01	63	27/3/2017 19:41	62
27/3/2017 18:01	66	1/4/2017 12:01	66	7/4/2017 18:31	66	13/4/2017 13:01	67	22/4/2017 7:31	65	27/3/2017 19:61	62
27/3/2017 18:31	66	1/4/2017 12:31	66	8/4/2017 7:01	63	13/4/2017 13:31	67	22/4/2017 8:01	66	27/3/2017 19:81	63
28/3/2017 7:01	64	1/4/2017 13:01	66	8/4/2017 7:31	65	13/4/2017 14:01	67	22/4/2017 8:31	67	27/3/2017 19:91	63
28/3/2017 7:31	66	1/4/2017 13:31	66	8/4/2017 8:01	66	13/4/2017 14:31	67	22/4/2017 9:01	67	27/3/2017 20:01	64
28/3/2017 8:01	65	1/4/2017 14:01	65	8/4/2017 8:31	66	13/4/2017 15:01	66	22/4/2017 9:31	67	27/3/2017 20:21	64
28/3/2017 8:31	66	1/4/2017 14:31	66	8/4/2017 9:01	67	13/4/2017 15:31	66	22/4/2017 10:01	66	27/3/2017 20:41	64
28/3/2017 9:01	65	1/4/2017 15:01	66	8/4/2017 9:31	67	13/4/2017 16:01	67	22/4/2017 10:31	66	27/3/2017 20:61	64
28/3/2017 9:31	65	1/4/2017 15:31	66	8/4/2017 10:01	66	13/4/2017 16:31	67	22/4/2017 11:01	66	27/3/2017 20:81	64
28/3/2017 10:01	65	1/4/2017 16:01	66	8/4/2017 10:31	66	13/4/2017 17:01	67	22/4/2017 11:31	66	27/3/2017 21:01	64
28/3/2017 10:31	65	1/4/2017 16:31	65	8/4/2017 11:01	66	13/4/2017 17:31	66	22/4/2017 12:01	66	27/3/2017 21:21	64
28/3/2017 11:01	65	1/4/2017 17:01	66	8/4/2017 11:31	66	13/4/2017 18:01	66	22/4/2017 12:31	69	27/3/2017 21:41	63
28/3/2017 11:31	66	1/4/2017 17:31	67	8/4/2017 12:01	65	13/4/2017 18:31	66	22/4/2017 13:01	67	27/3/2017 21:61	63
28/3/2017 12:01	66	1/4/2017 18:01	66	8/4/2017 12:31	66	18/4/2017 7:01	65	22/4/2017 13:31	67	27/3/2017 21:81	63
28/3/2017 12:31	66	1/4/2017 18:31	65	8/4/2017 13:01	66	18/4/2017 7:31	66	22/4/2017 14:01	67	27/3/2017 22:01	63
28/3/2017 13:01	66	3/4/2017 7:01	64	8/4/2017 13:31	66	18/4/2017 8:01	66	22/4/2017 14:31	69	27/3/2017 22:21	63
28/3/2017 13:31	66	3/4/2017 7:31	66	8/4/2017 14:01	67	18/4/2017 8:31	66	22/4/2017 15:01	69	27/3/2017 22:41	63
28/3/2017 14:01	66	3/4/2017 8:01	66	8/4/2017 14:31	66	18/4/2017 9:01	67	22/4/2017 15:31	68	27/3/2017 22:61	63
28/3/2017 14:31	66	3/4/2017 8:31	66	8/4/2017 15:01	66	18/4/2017 9:31	67	22/4/2017 16:01	68	27/3/2017 22:81	63
28/3/2017 15:01	66	3/4/2017 9:01	66	8/4/2017 15:31	66	18/4/2017 10:01	67	22/4/2017 16:31	68	27/3/2017 23:01	63
28/3/2017 15:31	66	3/4/2017 9:31	67	8/4/2017 16:01	69	18/4/2017 10:31	67	22/4/2017 17:01	67	27/3/2017 23:21	63
28/3/2017 16:01	67	3/4/2017 10:01	66	8/4/2017 16:31	70	18/4/2017 11:01	67	22/4/2017 17:31	66	27/3/2017 23:41	63
28/3/2017 16:31	67	3/4/2017 10:31	66	8/4/2017 17:01	67	18/4/2017 11:31	66	22/4/2017 18:01	66	27/3/2017 24:01	63
28/3/2017 17:01	66	3/4/2017 11:01	66	8/4/2017 17:31	67	18/4/2017 12:01	66	22/4/2017 18:31	66	27/3/2017 24:21	63
28/3/2017 17:31	66	3/4/2017 11:31	66	8/4/2017 18:01	66	18/4/2017 12:31	66	22/4/2017 19:01	67	27/3/2017 24:41	63
28/3/2017 18:01	67	3/4/2017 12:01	66	8/4/2017 18:31	66	18/4/2017 13:01	66	24/4/2017 7:01	66	27/3/2017 24:61	63
28/3/2017 18:31	65	3/4/2017 12:31	66	10/4/2017 7:01	64	18/4/2017 13:31	67	24/4/2017 8:01	66	27/3/2017 24:81	63
29/3/2017 7:01	64	3/4/2017 13:01	66	10/4/2017 7:31	66	18/4/2017 14:01	70	24/4/2017 8:31	68	27/3/2017 25:01	63
29/3/2017 7:31	66	3/4/2017 13:31	67	10/4/2017 8:01	65	18/4/2017 14:31	68	24/4/2017 9:01	66	27/3/2017 25:21	63
29/3/2017 8:01	65	3/4/2017 14:01	66	10/4/2017 8:31	65	18/4/2017 15:01	68	24/4/2017 9:31	67	27/3/2017 25:41	63
29/3/2017 8:31	65	3/4/2017 14:31	66	10/4/2017 9:01	66	18/4/2017 15:31	66	24/4/2017 10:01	68	27/3/2017 25:61	63
29/3/2017 9:01	65	3/4/2017 15:01	66	10/4/2017 9:31	67	18/4/2017 16:01	67	24/4/2017 10:31	68	27/3/2017 25:81	63
29/3/2017 9:31	65	3/4/2017 15:31	65	10/4/2017 10:01	67	18/4/2017 16:31	68	24/4/2017 11:01	68	27/3/2017 26:01	63
29/3/2017 10:01	66	3/4/2017 16:01	66	10/4/2017 10:31	66	18/4/2017 17:01	68	24/4/2017 11:31	67	27/3/2017 26:21	63
29/3/2017 10:31	66	3/4/2017 16:31	66	10/4/2017 11:01	66	18/4/2017 17:31	66	24/4/2017 12:01	66	27/3/2017 26:41	63
29/3/2017 11:01	66	3/4/2017 17:01	66	10/4/2017 11:31	66	18/4/2017 18:01	66	24/4/2017 12:31	66	27/3/2017 26:61	63
29/3/2017 11:31	66	3/4/2017 17:31	67	10/4/2017 12:01	66	18/4/2017 18:31	67	24/4/2017 13:01	68	27/3/2017 26:81	63
29/3/2017 12:01	66	3/4/2017 18:01	67	10/4/2017 12:31	66	18/4/2017 19:01	66	24/4/2017 13:31	68	27/3/2017 27:01	63
29/3/2017 12:31	66	3/4/2017 18:31	67	10/4/2017 13:01	66	18/4/2017 19:31	66	24/4/2017 14:01	67	27/3/2017 27:21	63
29/3/2017 13:01	66	3/4/2017 19:01	66	10/4/2017 13:31	66	18/4/2017 20:01	68	24/4/2017 14:31	68	27/3/2017 27:41	63
29/3/2017 13:31	66	3/4/2017 19:31	67	10/4/2017 14:01	66	18/4/2017 20:31	66	24/4/2017 15:01	67	27/3/2017 27:61	63
29/3/2017 14:01	66	3/4/2017 20:01	66	10/4/2017 14:31	67	18/4/2017 21:01	66	24/4/2017 15:31	67	27/3/2017 27:81	63
29/3/2017 14:31	66	3/4/2017 20:31	66	10/4/2017 15:01	69	18/4/2017 21:31	68	24/4/2017 16:01	67	27/3/2017 28:01	63
29/3/2017 15:01	66	3/4/2017 21:01	66	10/4/2017 15:31	69	18/4/2017 22:01	68	24/4/2017 16:31	68	27/3/2017 28:21	63
29/3/2017 15:31	66	3/4/2017 21:31	66	10/4/2017 16:01	68	18/4/2017 22:31	69	24/4/2017 17:01	67	27/3/2017 28:41	63
29/3/2017 16:01	67	3/4/2017 22:01	66	10/4/2017 16:31	69	18/4/2017 23:01	68	24/4/2017 17:31	66	27/3/2017 28:61	63
29/3/2017 16:31	66	3/4/2017 22:31	66	10/4/2017 17:01	67	18/4/2017 23:31	68	24/4/2017 18:01	66	27/3/2017 28:81	63
29/3/2017 17:01	66	3/4/2017 23:01	66	10/4/2017 17:31	66	18/4/2017 24:01	70	24/4/2017 18:31	68	27/3/2017 29:01	63
29/3/2017 17:31	65	3/4/2017 23:31	67	10/4/2017 18:01	66	18/4/2017 24:31	68	24/4/2017 19:01	66	27/3/2017 29:21	63
29/3/2017 18:01	65	3/4/2017 24:01	66	10/4/2017 18:31	66	18/4/2017					

Real-time Noise Data	RTN1 (Food and Environmental Hygiene Department Depot)										
28/3/2017 22:56	63	31/3/2017 20:01	65	2/4/2017 9:06	63	2/4/2017 18:11	65	4/4/2017 7:16	62	4/4/2017 16:21	64
29/3/2017 19:01	64	31/3/2017 20:06	65	2/4/2017 9:11	64	2/4/2017 18:16	64	4/4/2017 7:21	62	4/4/2017 16:26	64
29/3/2017 19:06	65	31/3/2017 20:11	65	2/4/2017 9:16	65	2/4/2017 18:21	65	4/4/2017 7:26	62	4/4/2017 16:31	64
29/3/2017 19:11	66	31/3/2017 20:16	66	2/4/2017 9:21	64	2/4/2017 18:26	64	4/4/2017 7:31	61	4/4/2017 16:36	63
29/3/2017 19:16	65	31/3/2017 20:21	66	2/4/2017 9:26	64	2/4/2017 18:31	64	4/4/2017 7:36	62	4/4/2017 16:41	64
29/3/2017 19:21	65	31/3/2017 20:26	64	2/4/2017 9:31	64	2/4/2017 18:36	64	4/4/2017 7:41	62	4/4/2017 16:46	64
29/3/2017 19:26	65	31/3/2017 20:31	64	2/4/2017 9:36	64	2/4/2017 18:41	65	4/4/2017 7:46	63	4/4/2017 16:51	64
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29/3/2017 19:41	64	31/3/2017 20:46	66	2/4/2017 9:51	65	2/4/2017 18:56	64	4/4/2017 8:01	63	4/4/2017 17:06	64
29/3/2017 19:46	64	31/3/2017 20:51	65	2/4/2017 9:56	64	2/4/2017 19:01	64	4/4/2017 8:06	62	4/4/2017 17:11	63
29/3/2017 19:51	64	31/3/2017 20:56	65	2/4/2017 10:01	64	2/4/2017 19:06	63	4/4/2017 8:11	63	4/4/2017 17:16	64
29/3/2017 19:56	64	31/3/2017 21:01	65	2/4/2017 10:06	64	2/4/2017 19:11	63	4/4/2017 8:16	63	4/4/2017 17:21	64
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Real-time Noise Data		RTN1 (Food and Environmental Hygiene Department Depot)									
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5/4/2017 21:36	63	7/4/2017 22:41	63	9/4/2017 11:46	63	9/4/2017 20:51	62	11/4/2017 21:56	63	14/4/2017 7:01	62
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6/4/2017 21:01	63	8/4/2017 22:06	63	9/4/2017 15:11	64	10/4/2017 20:16	64	12/4/2017 21:21	64	14/4/2017 10:26	64
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6/4/2017 21:11	62	8/4/2017 22:16	63	9/4/2017 15:21	63	10/4/2017 20:26	63	12/4/2017 21:31	64	14/4/2017 10:36	64
6/4/2017 21:16	63	8/4/2017 22:21	63	9/4/2017 15:26	64	10/4/2017 20:31	63	12/4/2017 21:36	64	14/4/2017 10:41	64
6/4/2017 21:21	63	8/4/2017 22:26	63	9/4/2017 15:31	64	10/4/2017 20:36	64	12/4/2017 21:41	64	14/4/2017 10:46	64
6/4/2017 21:26	62	8/4/2017 22:31	64	9/4/2017 15:36	65	10/4/2017 20:41	64	12/4/2017 21:46	64	14/4/2017 10:51	65
6/4/2017 21:31	63	8/4/2017 22:36	63	9/4/2017 15:41	67	10/4/2017 20:46	63	12/4/2017 21:51	64	14/4/2017 10:56	63
6/4/2017 21:36	64	8/4/2017 22:41	63	9/4/2017 15:46	67	10/4/2017 20:51	63	12/4/2017 21:56	64	14/4/2017 11:01	65
6/4/2017 21:41	62	8/4/2017 22:46	65	9/4/2017 15:51	67	10/4/2017 20:56	63	12/4/2017 22:01	65	14/4/2017 11:06	65
6/4/2017 21:46	64	8/4/2017 22:51	63	9/4/2017 15:56	68	10/4/2017 21:01	63	12/4/2017 22:06	65	14/4/2017 11:11	64
6/4/2017 21:51	63	8/4/2017 22:56	63	9/4/2017 16:01	67	10/4/2017 21:06	63	12/4/2017 22:11	64	14/4/2017 11:16	64
6/4/2017 21:56	63	9/4/2017 7:01	63	9/4/2017 16:06	69	10/4/2017 21:11	63	12/4/2017 22:16	64	14/4/2017 11:21	64
6/4/2017 22:01	63	9/4/2017 7:06	61	9/4/2017 16:11	66	10/4/2017 21:16	63	12/4/2017 22:21	64	14/4/2017 11:26	64
6/4/2017 22:06	63	9/4/2017 7:11	62	9/4/2017 16:16	65	10/4/2017 21:21	63	12/4/2017 22:26	63	14/4/2017 11:31	63
6/4/2017 22:11	63	9/4/2017 7:16	67	9/4/2017 16:21	66	10/4/2017 21:26	62	12/4/2017 22:31	64	14/4/2017 11:36	62
6/4/2017 22:16	63	9/4/2017 7:21	62	9/4/2017 16:26	67	10/4/2017 21:31	63	12/4/2017 22:36	64	14/4/2017 11:41	63
6/4/2017 22:21	63	9/4/2017 7:26	61	9/4/2017 16:31	69	10/4/2017 21:36	62	12/4/2017 22:41	63	14/4/2017 11:46	62
6/4/2017 22:26	62	9/4/2017 7:31	62	9/4/2017 16:36	67	10/4/2017 21:41	63	12/4/2017 22:46	65	14/4/2017 11:51	63
6/4/2017 22:31	63	9/4/2017 7:36	63	9/4/2017 16:41	68	10/4/2017 21:46	63	12/4/2017 22:51	64	14/4/2017 11:56	62
6/4/2017 22:36	63	9/4/2017 7:41	63	9/4/2017 16:46	65	10/4/2017 21:51	63	12/4/2017 22:56	63	14/4/2017 12:01	62
6/4/2017 22:41	63	9/4/2017 7:46	62	9/4/2017 16:51	65	10/4/2017 21:56	62	13/4/2017 19:01	65	14/4/2017 12:06	63
6/4/2017 22:46	62	9/4/2017 7:51	62	9/4/2017 16:56	64	10/4/2017 22:01	62	13/4/2017 19:06	65	14/4/2017 12:11	63
6/4/2017 22:51	63	9/4/2017 7:56	63	9/4/2017 17:01	64	10/4/2017 22:06	63	13/4/2017 19:11	66	14/4/2017 12:16	64
6/4/2017 22:56	62	9/4/2017 8:01	62	9/4/2017 17:06	64	10/4/2017 22:11	63	13/4/2017 19:16	66	14/4/2017 12:21	64
7/4/2017 19:01	65	9/4/2017 8:06	63	9/4/2017 17:11	65	10/4/2017 22:16	63	13/4/2017 19:21	65	14/4/2017 12:26	64
7/4/2017 19:06	66	9/4/2017 8:11	64	9/4/2017 17:16	65	10/4/2017 22:21	63	13/4/2017 19:26	65	14/4/2017 12:31	64
7/4/2017 19:11	66	9/4/2017 8:16	63	9/4/2017 17:21	64	10/4/2017 22:26	63	13/4/2017 19:31	64	14/4/2017 12:36	64
7/4/2017 19:16	65	9/4/2017 8:21	63	9/4/2017 17:26	65	10/4/2017 22:31	63	13/4/2017 19:36	64	14/4/2017 12:41	64
7/4/2017 19:21	66	9/4/2017 8:26	63	9/4/2017 17:31	66	10/4/2017 22:36	63	13/4/2017 19:41	66	14/4/2017 12:46	64
7/4/2017 19:26	63	9/4/2017 8:31	64	9/4/2017 17:36	66	10/4/2017 22:41	62	13/4/2017 19:46	64	14/4/2017 12:51	64
7/4/2017 19:31	62	9/4/2017 8:36	63	9/4/2017 17:41	59	10/4/2017 22:46	62	13/4/2017 19:51	64	14/4/2017 12:56	64
7/4/2017 19:36	63	9/4/2017 8:41	64	9/4/2017 17:46	67	10/4/2017 22:51	62	13/4/2017 19:56	64	14/4/2017 13:01	65
7/4/2017 19:41	64	9/4/2017 8:46	63	9/4/2017 17:51	68	10					

Real-time Noise Data	RTN1 (Food and Environmental Hygiene Department Depot)					
14/4/2017 15:56 65	15/4/2017 9:01 63	15/4/2017 18:06 64	16/4/2017 11:11 64	16/4/2017 20:16 63	17/4/2017 13:21 63	
14/4/2017 16:01 64	15/4/2017 9:06 64	15/4/2017 18:11 64	16/4/2017 11:16 65	16/4/2017 20:21 63	17/4/2017 13:26 64	
14/4/2017 16:06 63	15/4/2017 9:11 64	15/4/2017 18:16 64	16/4/2017 11:21 64	16/4/2017 20:26 63	17/4/2017 13:31 64	
14/4/2017 16:11 64	15/4/2017 9:16 63	15/4/2017 18:21 64	16/4/2017 11:26 64	16/4/2017 20:31 62	17/4/2017 13:36 63	
14/4/2017 16:16 65	15/4/2017 9:21 63	15/4/2017 18:26 63	16/4/2017 11:31 63	16/4/2017 20:36 62	17/4/2017 13:41 64	
14/4/2017 16:21 64	15/4/2017 9:26 63	15/4/2017 18:31 63	16/4/2017 11:36 64	16/4/2017 20:41 63	17/4/2017 13:46 64	
14/4/2017 16:26 64	15/4/2017 9:31 64	15/4/2017 18:36 64	16/4/2017 11:41 66	16/4/2017 20:46 63	17/4/2017 13:51 64	
14/4/2017 16:31 63	15/4/2017 9:36 65	15/4/2017 18:41 63	16/4/2017 11:46 63	16/4/2017 20:51 62	17/4/2017 13:56 64	
14/4/2017 16:36 64	15/4/2017 9:41 64	15/4/2017 18:46 63	16/4/2017 11:51 63	16/4/2017 20:56 62	17/4/2017 14:01 64	
14/4/2017 16:41 64	15/4/2017 9:46 64	15/4/2017 18:51 64	16/4/2017 11:56 63	16/4/2017 21:01 63	17/4/2017 14:06 63	
14/4/2017 16:46 63	15/4/2017 9:51 64	15/4/2017 18:56 63	16/4/2017 12:01 63	16/4/2017 21:06 63	17/4/2017 14:11 64	
14/4/2017 16:51 63	15/4/2017 9:56 64	15/4/2017 19:01 63	16/4/2017 12:06 63	16/4/2017 21:11 62	17/4/2017 14:16 63	
14/4/2017 16:56 64	15/4/2017 10:01 64	15/4/2017 19:06 64	16/4/2017 12:11 64	16/4/2017 21:16 62	17/4/2017 14:21 63	
14/4/2017 17:01 64	15/4/2017 10:06 63	15/4/2017 19:11 64	16/4/2017 12:16 64	16/4/2017 21:21 63	17/4/2017 14:26 64	
14/4/2017 17:06 63	15/4/2017 10:11 64	15/4/2017 19:16 63	16/4/2017 12:21 65	16/4/2017 21:26 62	17/4/2017 14:31 64	
14/4/2017 17:11 63	15/4/2017 10:16 64	15/4/2017 19:21 64	16/4/2017 12:26 64	16/4/2017 21:31 63	17/4/2017 14:36 63	
14/4/2017 17:16 63	15/4/2017 10:21 64	15/4/2017 19:26 63	16/4/2017 12:31 64	16/4/2017 21:36 62	17/4/2017 14:41 64	
14/4/2017 17:21 64	15/4/2017 10:26 64	15/4/2017 19:31 63	16/4/2017 12:36 64	16/4/2017 21:41 63	17/4/2017 14:46 63	
14/4/2017 17:26 64	15/4/2017 10:31 64	15/4/2017 19:36 63	16/4/2017 12:41 65	16/4/2017 21:46 63	17/4/2017 14:51 64	
14/4/2017 17:31 64	15/4/2017 10:36 64	15/4/2017 19:41 63	16/4/2017 12:46 65	16/4/2017 21:51 62	17/4/2017 14:56 63	
14/4/2017 17:36 63	15/4/2017 10:41 64	15/4/2017 19:46 65	16/4/2017 12:51 65	16/4/2017 21:56 62	17/4/2017 15:01 64	
14/4/2017 17:41 63	15/4/2017 10:46 64	15/4/2017 19:51 63	16/4/2017 12:56 64	16/4/2017 22:01 63	17/4/2017 15:06 63	
14/4/2017 17:46 63	15/4/2017 10:51 63	15/4/2017 19:56 63	16/4/2017 13:01 64	16/4/2017 22:06 63	17/4/2017 15:11 63	
14/4/2017 17:51 63	15/4/2017 10:56 64	15/4/2017 20:01 63	16/4/2017 13:06 64	16/4/2017 22:11 63	17/4/2017 15:16 63	
14/4/2017 17:56 64	15/4/2017 11:01 63	15/4/2017 20:06 63	16/4/2017 13:11 63	16/4/2017 22:16 63	17/4/2017 15:21 64	
14/4/2017 18:01 64	15/4/2017 11:06 64	15/4/2017 20:11 63	16/4/2017 13:16 64	16/4/2017 22:21 63	17/4/2017 15:26 63	
14/4/2017 18:06 63	15/4/2017 11:11 64	15/4/2017 20:16 64	16/4/2017 13:21 64	16/4/2017 22:26 63	17/4/2017 15:31 63	
14/4/2017 18:11 63	15/4/2017 11:16 64	15/4/2017 20:21 62	16/4/2017 13:26 63	16/4/2017 22:31 63	17/4/2017 15:36 63	
14/4/2017 18:16 63	15/4/2017 11:21 64	15/4/2017 20:26 62	16/4/2017 13:31 63	16/4/2017 22:36 62	17/4/2017 15:41 64	
14/4/2017 18:21 63	15/4/2017 11:26 66	15/4/2017 20:31 63	16/4/2017 13:36 63	16/4/2017 22:41 63	17/4/2017 15:46 63	
14/4/2017 18:26 64	15/4/2017 11:31 64	15/4/2017 20:36 63	16/4/2017 13:41 63	16/4/2017 22:46 62	17/4/2017 15:51 63	
14/4/2017 18:31 64	15/4/2017 11:36 64	15/4/2017 20:41 62	16/4/2017 13:46 63	16/4/2017 22:51 62	17/4/2017 15:56 63	
14/4/2017 18:36 64	15/4/2017 11:41 64	15/4/2017 20:46 63	16/4/2017 13:51 63	16/4/2017 22:56 62	17/4/2017 16:01 63	
14/4/2017 18:41 63	15/4/2017 11:46 64	15/4/2017 20:51 62	16/4/2017 13:56 63	17/4/2017 7:01 63	17/4/2017 16:06 63	
14/4/2017 18:46 63	15/4/2017 11:51 64	15/4/2017 20:56 62	16/4/2017 14:01 64	17/4/2017 7:06 61	17/4/2017 16:11 64	
14/4/2017 18:51 64	15/4/2017 11:56 64	15/4/2017 21:01 63	16/4/2017 14:06 63	17/4/2017 7:11 64	17/4/2017 16:16 64	
14/4/2017 18:56 63	15/4/2017 12:01 64	15/4/2017 21:06 62	16/4/2017 14:11 63	17/4/2017 7:16 61	17/4/2017 16:21 64	
14/4/2017 19:01 64	15/4/2017 12:06 65	15/4/2017 21:11 62	16/4/2017 14:16 63	17/4/2017 7:21 61	17/4/2017 16:26 64	
14/4/2017 19:06 63	15/4/2017 12:11 64	15/4/2017 21:16 63	16/4/2017 14:21 63	17/4/2017 7:26 61	17/4/2017 16:31 64	
14/4/2017 19:11 64	15/4/2017 12:16 64	15/4/2017 21:21 64	16/4/2017 14:26 64	17/4/2017 7:31 63	17/4/2017 16:36 64	
14/4/2017 19:16 63	15/4/2017 12:21 64	15/4/2017 21:26 63	16/4/2017 14:31 63	17/4/2017 7:36 62	17/4/2017 16:41 63	
14/4/2017 19:21 63	15/4/2017 12:26 64	15/4/2017 21:31 62	16/4/2017 14:36 63	17/4/2017 7:41 62	17/4/2017 16:46 64	
14/4/2017 19:26 63	15/4/2017 12:31 64	15/4/2017 21:36 63	16/4/2017 14:41 63	17/4/2017 7:46 63	17/4/2017 16:51 63	
14/4/2017 19:31 64	15/4/2017 12:36 64	15/4/2017 21:41 63	16/4/2017 14:46 63	17/4/2017 7:51 62	17/4/2017 16:56 64	
14/4/2017 19:36 64	15/4/2017 12:41 64	15/4/2017 21:46 62	16/4/2017 14:51 63	17/4/2017 7:56 61	17/4/2017 17:01 63	
14/4/2017 19:41 65	15/4/2017 12:46 65	15/4/2017 21:51 63	16/4/2017 14:56 63	17/4/2017 8:01 62	17/4/2017 17:06 63	
14/4/2017 19:46 64	15/4/2017 12:51 64	15/4/2017 21:56 63	16/4/2017 15:01 64	17/4/2017 8:06 63	17/4/2017 17:11 65	
14/4/2017 19:51 63	15/4/2017 12:56 65	15/4/2017 22:01 63	16/4/2017 15:06 63	17/4/2017 8:11 62	17/4/2017 17:16 63	
14/4/2017 19:56 62	15/4/2017 13:01 64	15/4/2017 22:06 62	16/4/2017 15:11 63	17/4/2017 8:16 63	17/4/2017 17:21 63	
14/4/2017 20:01 63	15/4/2017 13:06 64	15/4/2017 22:11 64	16/4/2017 15:16 63	17/4/2017 8:21 63	17/4/2017 17:26 63	
14/4/2017 20:06 62	15/4/2017 13:11 64	15/4/2017 22:16 63	16/4/2017 15:21 64	17/4/2017 8:26 62	17/4/2017 17:31 63	
14/4/2017 20:11 63	15/4/2017 13:16 64	15/4/2017 22:21 62	16/4/2017 15:26 63	17/4/2017 8:31 63	17/4/2017 17:36 63	
14/4/2017 20:16 62	15/4/2017 13:21 64	15/4/2017 22:26 62	16/4/2017 15:31 64	17/4/2017 8:36 65	17/4/2017 17:41 63	
14/4/2017 20:21 62	15/4/2017 13:26 64	15/4/2017 22:31 64	16/4/2017 15:36 63	17/4/2017 8:41 66	17/4/2017 17:46 64	
14/4/2017 20:26 63	15/4/2017 13:31 64	15/4/2017 22:36 63	16/4/2017 15:41 63	17/4/2017 8:46 63	17/4/2017 17:51 63	
14/4/2017 20:31 63	15/4/2017 13:36 65	15/4/2017 22:41 63	16/4/2017 15:46 64	17/4/2017 8:51 64	17/4/2017 17:56 63	
14/4/2017 20:36 63	15/4/2017 13:41 64	15/4/2017 22:46 63	16/4/2017 15:51 63	17/4/2017 8:56 63	17/4/2017 18:01 64	
14/4/2017 20:41 63	15/4/2017 13:46 64	15/4/2017 22:51 62	16/4/2017 15:56 64	17/4/2017 9:01 64	17/4/2017 18:06 64	
14/4/2017 20:46 63	15/4/2017 13:51 64	15/4/2017 22:56 63	16/4/2017 16:01 64	17/4/2017 9:06 63	17/4/2017 18:11 63	
14/4/2017 20:51 63	15/4/2017 13:56 65	16/4/2017 7:01 69	16/4/2017 16:06 64	17/4/2017 9:11 63	17/4/2017 18:16 64	
14/4/2017 20:56 64	15/4/2017 14:01 63	16/4/2017 7:06 61	16/4/2017 16:11 65	17/4/2017 9:16 63	17/4/2017 18:21 63	
14/4/2017 21:01 63	15/4/2017 14:06 64	16/4/2017 7:11 60	16/4/2017 16:16 63	17/4/2017 9:21 63	17/4/2017 18:26 63	
14/4/2017 21:06 63	15/4/2017 14:11 64	16/4/2017 7:16 60	16/4/2017 16:21 63	17/4/2017 9:26 63	17/4/2017 18:31 63	
14/4/2017 21:11 63	15/4/2017 14:16 64	16/4/2017 7:21 61	16/4/2017 16:26 64	17/4/2017 9:31 64	17/4/2017 18:36 63	
14/4/2017 21:16 62	15/4/2017 14:21 63	16/4/2017 7:26 64	16/4/2017 16:31 63	17/4/2017 9:36 63	17/4/2017 18:41 64	
14/4/2017 21:21 64	15/4/2017 14:26 63	16/4/2017 7:31 62	16/4/2017 16:36 63	17/4/2017 9:41 63	17/4/2017 18:46 63	
14/4/2017 21:26 63	15/4/2017 14:31 64	16/4/2017 7:36 62	16/4/2017 16:41 64	17/4/2017 9:46 63	17/4/2017 18:51 63	
14/4/2017 21:31 64	15/4/2017 14:36 64	16/4/2017 7:41 62	16/4/2017 16:46 63	17/4/2017 9:51 63	17/4/2017 18:56 65	
14/4/2017 21:36 65	15/4/2017 14:41 64	16/4/2017 7:46 62	16/4/2017 16:51 64	17/4/2017 9:56 63	17/4/2017 19:01 63	
14/4/2017 21:41 62	15/4/2017 14:46 64	16/4/2017 7:51 62	16/4/2017 16:56 63	17/4/2017 10:01 64	17/4/2017 19:06 63	
14/4/2017 21:46 63	15/4/2017 14:51 64	16/4/2017 7:56 61	16/4/2017 17:01 64	17/4/2017 10:06 63	17/4/2017 19:11 64	
14/4/2017 21:51 62	15/4/2017 14:56 63	16/4/2017 8:01 62	16/4/2017 17:06 63	17/4/2017 10:11 64	17/4/2017 19:16 63	
14/4/2017 21:56 64	15/4/2017 15:01 64	16/4/2017 8:06 63	16/4/2017 17:11 64	17/4/2017 10:16 64	17/4/2017 19:21 64	
14/4/2017 22:01 64	15/4/2017 15:06 64	16/4/2017 8:11 62	16/4/2017 17:16 63	17/4/2017 10:21 64	17/4/2017 19:26 63	
14/4/2017 22:06 64	15/4/2017 15:11 63	16/4/2017 8:16 62	16/4/2017 17:21 64	17/4/2017 10:26 64	17/4/2017 19:31 63	
14/4/2017 22:11 65	15/4/2017 15:16 64	16/4/2017 8:21 62	16/4/2017 17:26 64	17/4/2017 10:31 64	17/4/2017 19:36 63	
14/4/2017 22:16 63	15/4/2017 15:21 64	16/4/2017 8:26 63	16/4/2017 17:31 64	17/4/2017 10:36 64	17/4/2017 19:41 63	
14/4/2017 22:21 63	15/4/2017 15:26 64	16/4/2017 8:31 63	16/4/2017 17:36 64	17/4/2017 10:41 64	17/4/2017 19:46 64	
14/4/2017 22:26 63	15/4/2017 15:31 63	16/4/2017 8:36 62	16/4/2017 17:41 64	17/4/2017 10:46 66	17/4/2017 19:51 63	
14/4/2017 22:31 63	15/4/2017 15:36 63	16/4/2017 8:41 63	16/4/2017 17:46 64	17/4/2017 10:51 67	17/4/2017 19:56 63	
14/4/2017 22:36 63	15/4/2017 15:41 65	16/4/2017 8:46 63	16/4/2017 17:51 64	17/4/2017 10:56 65	17/4/2017 20:01 64	
14/4/2017 22:41 64	15/4/2017 15:46 64	16/4/2017 8:51 64	16/4/2017 17:56 64	17/4/2017 11:01 64	17/4/2017 20:06 63	
14/4/2017 22:46 64	15/4/2017 15:51 63	16/4/2017 8:56 63	16/4/2017 18:01 64	17/4/2017 11:06 64	17/4/2017 20:11 63	
14/4/2017 22:51 63	15/4/2017 15:56 64	16/4/2017 9:01 63	16/4/2017 18:06 64	17/4/2017 11:11 63	17/4/2017 20:16 63	
14/4/2017 22:56 63	15/4/2017 16:01 64	16/4/2017 9:06 64	16/4/2017 18:11 64	17/4/2017 11:16 63	17/4/2017 20:21 62	
15/4/2017 7:01 61	15/4/2017 16:06 63	16/4/2017 9:11 63	16/4/2017 18:16 64	17/4/2017 11:21 64	17/4/2017 20:26 63	
15/4/2017 7:06 61	15/4/2017 16:11 64	16/4/2017 9:16 64	16/4/2017			

Real-time Noise Data RTN1 (Food and Environmental Hygiene Department Depot)

17/4/2017 22:26	62	20/4/2017 19:31	65	22/4/2017 20:36	63	23/4/2017 13:41	63	23/4/2017 22:46	63	26/4/2017 19:51	65
17/4/2017 22:31	63	20/4/2017 19:36	64	22/4/2017 20:41	64	23/4/2017 13:46	63	23/4/2017 22:51	63	26/4/2017 19:56	65
17/4/2017 22:36	62	20/4/2017 19:41	65	22/4/2017 20:46	63	23/4/2017 13:51	64	23/4/2017 22:56	62	26/4/2017 20:01	64
17/4/2017 22:41	62	20/4/2017 19:46	64	22/4/2017 20:51	64	23/4/2017 13:56	63	24/4/2017 19:01	65	26/4/2017 20:06	65
17/4/2017 22:46	62	20/4/2017 19:51	64	22/4/2017 20:56	64	23/4/2017 14:01	63	24/4/2017 19:06	65	26/4/2017 20:11	64
17/4/2017 22:51	62	20/4/2017 19:56	64	22/4/2017 21:01	63	23/4/2017 14:06	64	24/4/2017 19:11	65	26/4/2017 20:16	65
17/4/2017 22:56	62	20/4/2017 20:01	64	22/4/2017 21:06	64	23/4/2017 14:11	64	24/4/2017 19:16	66	26/4/2017 20:21	65
18/4/2017 19:01	66	20/4/2017 20:06	64	22/4/2017 21:11	64	23/4/2017 14:16	64	24/4/2017 19:21	65	26/4/2017 20:26	64
18/4/2017 19:06	66	20/4/2017 20:11	64	22/4/2017 21:16	63	23/4/2017 14:21	64	24/4/2017 19:26	65	26/4/2017 20:31	64
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18/4/2017 19:21	67	20/4/2017 20:26	64	22/4/2017 21:31	63	23/4/2017 14:36	65	24/4/2017 19:41	65	26/4/2017 20:46	64
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18/4/2017 20:01	64	20/4/2017 21:06	63	22/4/2017 22:11	64	23/4/2017 15:16	64	24/4/2017 20:21	65	26/4/2017 21:26	64
18/4/2017 20:06	63	20/4/2017 21:11	63	22/4/2017 22:16	64	23/4/2017 15:21	64	24/4/2017 20:26	64	26/4/2017 21:31	64
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18/4/2017 20:16	65	20/4/2017 21:21	64	22/4/2017 22:26	65	23/4/2017 15:31	65	24/4/2017 20:36	63	26/4/2017 21:41	65
18/4/2017 20:21	65	20/4/2017 21:26	63	22/4/2017 22:31	64	23/4/2017 15:36	64	24/4/2017 20:41	64	26/4/2017 21:46	64
18/4/2017 20:26	67	20/4/2017 21:31	63	22/4/2017 22:36	64	23/4/2017 15:41	64	24/4/2017 20:46	63	26/4/2017 21:51	64
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18/4/2017 20:36	63	20/4/2017 21:41	63	22/4/2017 22:46	63	23/4/2017 15:51	64	24/4/2017 20:56	63	26/4/2017 22:01	64
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18/4/2017 20:46	63	20/4/2017 21:51	63	22/4/2017 22:56	63	23/4/2017 16:01	64	24/4/2017 21:06	63	26/4/2017 22:11	65
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18/4/2017 21:06	63	20/4/2017 22:11	63	23/4/2017 7:16	62	23/4/2017 16:21	65	24/4/2017 21:26	63	26/4/2017 22:31	64
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18/4/2017 21:36	63	20/4/2017 22:41	63	23/4/2017 7:46	63	23/4/2017 16:51	65	24/4/2017 21:56	64		
18/4/2017 21:41	62	20/4/2017 22:46	63	23/4/2017 7:51	63	23/4/2017 16:56	65	24/4/2017 22:01	63		
18/4/2017 21:46	62	20/4/2017 22:51	62	23/4/2017 7:56	63	23/4/2017 17:01	65	24/4/2017 22:06	63		
18/4/2017 21:51	63	20/4/2017 22:56	62	23/4/2017 8:01	63	23/4/2017 17:06	65	24/4/2017 22:11	63		
18/4/2017 21:56	63	21/4/2017 19:01	64	23/4/2017 8:06	63	23/4/2017 17:11	65	24/4/2017 22:16	63		
18/4/2017 22:01	62	21/4/2017 19:06	64	23/4/2017 8:11	63	23/4/2017 17:16	65	24/4/2017 22:21	63		
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18/4/2017 22:11	62	21/4/2017 19:16	65	23/4/2017 8:21	64	23/4/2017 17:26	66	24/4/2017 22:31	63		
18/4/2017 22:16	63	21/4/2017 19:21	65	23/4/2017 8:26	64	23/4/2017 17:31	66	24/4/2017 22:36	63		
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18/4/2017 22:26	63	21/4/2017 19:31	65	23/4/2017 8:36	64	23/4/2017 17:41	66	24/4/2017 22:46	62		
18/4/2017 22:31	63	21/4/2017 19:36	64	23/4/2017 8:41	64	23/4/2017 17:46	66	24/4/2017 22:51	63		
18/4/2017 22:36	63	21/4/2017 19:41	65	23/4/2017 8:46	63	23/4/2017 17:51	65	24/4/2017 22:56	62		
18/4/2017 22:41	63	21/4/2017 19:46	65	23/4/2017 8:51	63	23/4/2017 17:56	65	25/4/2017 19:01	65		
18/4/2017 22:46	63	21/4/2017 19:51	65	23/4/2017 8:56	65	23/4/2017 18:01	66	25/4/2017 19:06	64		
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18/4/2017 22:56	63	21/4/2017 20:01	65	23/4/2017 9:06	64	23/4/2017 18:11	65	25/4/2017 19:16	66		
19/4/2017 19:01	66	21/4/2017 20:06	65	23/4/2017 9:11	64	23/4/2017 18:16	65	25/4/2017 19:21	66		
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19/4/2017 19:11	66	21/4/2017 20:16	65	23/4/2017 9:21	64	23/4/2017 18:26	65	25/4/2017 19:31	64		
19/4/2017 19:16	66	21/4/2017 20:21	64	23/4/2017 9:26	64	23/4/2017 18:31	64	25/4/2017 19:36	63		
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19/4/2017 19:31	65	21/4/2017 20:36	65	23/4/2017 9:41	64	23/4/2017 18:46	63	25/4/2017 19:51	64		
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19/4/2017 19:46	64	21/4/2017 20:51	64	23/4/2017 9:56	64	23/4/2017 19:01	64	25/4/2017 20:06	65		
19/4/2017 19:51	64	21/4/2017 20:56	64	23/4/2017 10:01	64	23/4/2017 19:06	66	25/4/2017 20:11	65		
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19/4/2017 20:01	66	21/4/2017 21:06	64	23/4/2017 10:11	64	23/4/2017 19:16	65	25/4/2017 20:21	65		
19/4/2017 20:06	66	21/4/2017 21:11	63	23/4/2017 10:16	64	23/4/2017 19:21	64	25/4/2017 20:26	65		
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19/4/2017 20:21	63	21/4/2017 21:26	64	23/4/2017 10:31	64	23/4/2017 19:36	64	25/4/2017 20:41	65		
19/4/2017 20:26	63	21/4/2017 21:31	64	23/4/2017 10:36	63	23/4/2017 19:41	64	25/4/2017 20:46	65		
19/4/2017 20:31	63	21/4/2017 21:36	64	23/4/2017 10:41	64	23/4/2017 19:46	65	25/4/2017 20:51	64		
19/4/2017 20:36	63	21/4/2017 21:41	64	23/4/2017 10:46	63	23/4/2017 19:51	64	25/4/2017 20:56	64		
19/4/2017 20:41	63	21/4/2017 21:46	64	23/4/2017 10:51	65	23/4/2017 19:56	64	25/4/2017 21:01	65		
19/4/2017 20:46	63	21/4/2017 21:51	64	23/4/2017 10:56	64	23/4/2017 20:01	63	25/4/2017 21:06	65		
19/4/2017 20:51	63	21/4/2017 21:56	64	23/4/2017 11:01	63	23/4/2017 20:06	64	25/4/2017 21:11	65		
19/4/2017 20:56	63	21/4/2017 22:01	64	23/4/20							

Real-time Noise Data		RTN1 (Food and Environmental Hygiene Department Depot)									
27/3/2017 5:41	59	28/3/2017 6:46	61	29/3/2017 23:51	52	31/3/2017 0:56	60	1/4/2017 2:01	43	2/4/2017 3:06	59
27/3/2017 5:46	60	28/3/2017 6:51	60	29/3/2017 23:56	54	31/3/2017 1:01	61	1/4/2017 2:06	53	2/4/2017 3:11	60
27/3/2017 5:51	60	28/3/2017 6:56	58	30/3/2017 0:01	62	31/3/2017 1:06	60	1/4/2017 2:11	62	2/4/2017 3:16	60
27/3/2017 5:56	61	28/3/2017 23:01	58	30/3/2017 0:06	62	31/3/2017 1:11	60	1/4/2017 2:16	61	2/4/2017 3:21	60
27/3/2017 6:01	60	28/3/2017 23:06	53	30/3/2017 0:11	61	31/3/2017 1:16	61	1/4/2017 2:21	49	2/4/2017 3:26	59
27/3/2017 6:06	61	28/3/2017 23:11	58	30/3/2017 0:16	53	31/3/2017 1:21	60	1/4/2017 2:26	62	2/4/2017 3:31	60
27/3/2017 6:11	61	28/3/2017 23:16	55	30/3/2017 0:21	61	31/3/2017 1:26	59	1/4/2017 2:31	62	2/4/2017 3:36	60
27/3/2017 6:16	49	28/3/2017 23:21	52	30/3/2017 0:26	62	31/3/2017 1:31	60	1/4/2017 2:36	46	2/4/2017 3:41	59
27/3/2017 6:21	55	28/3/2017 23:26	48	30/3/2017 0:31	61	31/3/2017 1:36	59	1/4/2017 2:41	61	2/4/2017 3:46	59
27/3/2017 6:26	52	28/3/2017 23:31	52	30/3/2017 0:36	62	31/3/2017 1:41	59	1/4/2017 2:46	62	2/4/2017 3:51	60
27/3/2017 6:31	55	28/3/2017 23:36	62	30/3/2017 0:41	61	31/3/2017 1:46	60	1/4/2017 2:51	62	2/4/2017 3:56	60
27/3/2017 6:36	60	28/3/2017 23:41	62	30/3/2017 0:46	61	31/3/2017 1:51	60	1/4/2017 2:56	62	2/4/2017 4:01	59
27/3/2017 6:41	61	28/3/2017 23:46	53	30/3/2017 0:51	61	31/3/2017 1:56	60	1/4/2017 3:01	61	2/4/2017 4:06	59
27/3/2017 6:46	62	28/3/2017 23:51	62	30/3/2017 0:56	61	31/3/2017 2:01	59	1/4/2017 3:06	61	2/4/2017 4:11	58
27/3/2017 6:51	58	28/3/2017 23:56	62	30/3/2017 1:01	61	31/3/2017 2:06	58	1/4/2017 3:11	60	2/4/2017 4:16	59
27/3/2017 6:56	60	29/3/2017 0:01	61	30/3/2017 1:06	61	31/3/2017 2:11	59	1/4/2017 3:16	61	2/4/2017 4:21	58
27/3/2017 23:01	60	29/3/2017 0:06	62	30/3/2017 1:11	61	31/3/2017 2:16	60	1/4/2017 3:21	59	2/4/2017 4:26	60
27/3/2017 23:06	52	29/3/2017 0:11	61	30/3/2017 1:16	60	31/3/2017 2:21	59	1/4/2017 3:26	60	2/4/2017 4:31	58
27/3/2017 23:11	52	29/3/2017 0:16	62	30/3/2017 1:21	61	31/3/2017 2:26	58	1/4/2017 3:31	62	2/4/2017 4:36	59
27/3/2017 23:16	49	29/3/2017 0:21	62	30/3/2017 1:26	60	31/3/2017 2:31	59	1/4/2017 3:36	60	2/4/2017 4:41	58
27/3/2017 23:21	55	29/3/2017 0:26	61	30/3/2017 1:31	60	31/3/2017 2:36	57	1/4/2017 3:41	60	2/4/2017 4:46	58
27/3/2017 23:26	58	29/3/2017 0:31	61	30/3/2017 1:36	60	31/3/2017 2:41	58	1/4/2017 3:46	60	2/4/2017 4:51	58
27/3/2017 23:31	49	29/3/2017 0:36	60	30/3/2017 1:41	59	31/3/2017 2:46	58	1/4/2017 3:51	61	2/4/2017 4:56	58
27/3/2017 23:36	61	29/3/2017 0:41	60	30/3/2017 1:46	58	31/3/2017 2:51	58	1/4/2017 3:56	59	2/4/2017 5:01	58
27/3/2017 23:41	61	29/3/2017 0:46	60	30/3/2017 1:51	59	31/3/2017 2:56	59	1/4/2017 4:01	60	2/4/2017 5:06	59
27/3/2017 23:46	61	29/3/2017 0:51	59	30/3/2017 1:56	59	31/3/2017 3:01	57	1/4/2017 4:06	60	2/4/2017 5:11	59
27/3/2017 23:51	61	29/3/2017 0:56	60	30/3/2017 2:01	60	31/3/2017 3:06	58	1/4/2017 4:11	59	2/4/2017 5:16	58
27/3/2017 23:56	61	29/3/2017 1:01	60	30/3/2017 2:06	58	31/3/2017 3:11	58	1/4/2017 4:16	60	2/4/2017 5:21	59
28/3/2017 0:01	61	29/3/2017 1:06	60	30/3/2017 2:11	59	31/3/2017 3:16	58	1/4/2017 4:21	60	2/4/2017 5:26	59
28/3/2017 0:06	61	29/3/2017 1:11	59	30/3/2017 2:16	59	31/3/2017 3:21	58	1/4/2017 4:26	60	2/4/2017 5:31	59
28/3/2017 0:11	61	29/3/2017 1:16	60	30/3/2017 2:21	58	31/3/2017 3:26	58	1/4/2017 4:31	61	2/4/2017 5:36	59
28/3/2017 0:16	62	29/3/2017 1:21	59	30/3/2017 2:26	58	31/3/2017 3:31	57	1/4/2017 4:36	58	2/4/2017 5:41	59
28/3/2017 0:21	61	29/3/2017 1:26	60	30/3/2017 2:31	59	31/3/2017 3:36	58	1/4/2017 4:41	60	2/4/2017 5:46	60
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28/3/2017 0:31	60	29/3/2017 1:36	58	30/3/2017 2:41	57	31/3/2017 3:46	57	1/4/2017 4:51	59	2/4/2017 5:56	61
28/3/2017 0:36	60	29/3/2017 1:41	59	30/3/2017 2:46	59	31/3/2017 3:51	58	1/4/2017 4:56	59	2/4/2017 6:01	59
28/3/2017 0:41	61	29/3/2017 1:46	59	30/3/2017 2:51	58	31/3/2017 3:56	57	1/4/2017 5:01	60	2/4/2017 6:06	60
28/3/2017 0:46	60	29/3/2017 1:51	58	30/3/2017 2:56	58	31/3/2017 4:01	57	1/4/2017 5:06	60	2/4/2017 6:11	61
28/3/2017 0:51	60	29/3/2017 1:56	58	30/3/2017 3:01	58	31/3/2017 4:06	57	1/4/2017 5:11	60	2/4/2017 6:16	62
28/3/2017 0:56	60	29/3/2017 2:01	58	30/3/2017 3:06	57	31/3/2017 4:11	57	1/4/2017 5:16	59	2/4/2017 6:21	48
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28/3/2017 1:21	59	29/3/2017 2:26	57	30/3/2017 3:31	58	31/3/2017 4:36	57	1/4/2017 5:41	61	2/4/2017 6:46	51
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28/3/2017 2:06	60	29/3/2017 3:11	56	30/3/2017 4:16	57	31/3/2017 5:21	59	1/4/2017 6:26	57	2/4/2017 23:31	62
28/3/2017 2:11	59	29/3/2017 3:16	56	30/3/2017 4:21	58	31/3/2017 5:26	58	1/4/2017 6:31	56	2/4/2017 23:36	61
28/3/2017 2:16	58	29/3/2017 3:21	56	30/3/2017 4:26	59	31/3/2017 5:31	59	1/4/2017 6:36	60	2/4/2017 23:41	61
28/3/2017 2:21	58	29/3/2017 3:26	57	30/3/2017 4:31	57	31/3/2017 5:36	60	1/4/2017 6:41	59	2/4/2017 23:46	61
28/3/2017 2:26	57	29/3/2017 3:31	58	30/3/2017 4:36	57	31/3/2017 5:41	59	1/4/2017 6:46	58	2/4/2017 23:51	61
28/3/2017 2:31	58	29/3/2017 3:36	58	30/3/2017 4:41	57	31/3/2017 5:46	59	1/4/2017 6:51	60	2/4/2017 23:56	61
28/3/2017 2:36	59	29/3/2017 3:41	58	30/3/2017 4:46	57	31/3/2017 5:51	58	1/4/2017 6:56	58	3/4/2017 0:01	60
28/3/2017 2:41	57	29/3/2017 3:46	57	30/3/2017 4:51	58	31/3/2017 5:56	60	1/4/2017 23:01	54	3/4/2017 0:06	60
28/3/2017 2:46	57	29/3/2017 3:51	58	30/3/2017 4:56	57	31/3/2017 6:01	60	1/4/2017 23:06	54	3/4/2017 0:11	61
28/3/2017 2:51	59	29/3/2017 3:56	57	30/3/2017 5:01	58	31/3/2017 6:06	61	1/4/2017 23:11	52	3/4/2017 0:16	60
28/3/2017 2:56	57	29/3/2017 4:01	58	30/3/2017 5:06	57	31/3/2017 6:11	61	1/4/2017 23:16	55	3/4/2017 0:21	61
28/3/2017 3:01	58	29/3/2017 4:06	58	30/3/2017 5:11	57	31/3/2017 6:16	62	1/4/2017 23:21	47	3/4/2017 0:26	61
28/3/2017 3:06	59	29/3/2017 4:11	58	30/3/2017 5:16	58	31/3/2017 6:21	56	1/4/2017 23:26	56	3/4/2017 0:31	60
28/3/2017 3:11	59	29/3/2017 4:16	57	30/3/2017 5:21	59	31/3/2017 6:26	56	1/4/2017 23:31	55	3/4/2017 0:36	60
28/3/2017 3:16	58	29/3/2017 4:21	57	30/3/2017 5:26	59	31/3/2017 6:31	55	1/4/2017 23:36	55	3/4/2017 0:41	60
28/3/2017 3:21	58	29/3/2017 4:26	58	30/3/2017 5:31	59	31/3/2017 6:36	56	1/4/2017 23:41	54	3/4/2017 0:46	60
28/3/2017 3:26	60	29/3/2017 4:31	57	30/3/2017 5:36	59	31/3/2017 6:41	57	1/4/2017 23:46	53	3/4/2017 0:51	59
28/3/2017 3:31	58	29/3/2017 4:36	57	30/3/2017 5:41	60	31/3/2017 6:46	57	1/4/2017 23:51	51	3/4/2017 0:56	60
28/3/2017 3:36	58	29/3/2017 4:41	57	30/3/2017 5:46	59	31/3/2017 6:51	57	1/4/2017 23:56	53	3/4/2017 1:01	59
28/3/2017 3:41	57	29/3/2017 4:46	57	30/3/2017 5:51	60	31/3/2017 6:56	59	2/4/2017 0:01	60	3/4/2017 1:06	59
28/3/2017 3:46	58	29/3/2017 4:51	58	30/3/2017 5:56	59	31/3/2017 23:01	62	2/4/2017 0:06	49	3/4/2017 1:11	59
28/3/2017 3:51	58	29/3/2017 4:56	58	30/3/2017 6:01	60	31/3/2017 23:06	63	2/4/2017 0:11	52	3/4/2017 1:16	59
28/3/2017 3:56	57	29/3/2017 5:01	57	30/3/2017 6:06	60	31/3/2017 23:11	61	2/4/2017 0:16	62	3/4/2017 1:21	58
28/3/2017 4:01	56	29/3/2017 5:06	58	30/3/2017 6:11	61	31/3/2017 23:16	61	2/4/2017 0:21	54	3/4/2017 1:26	58

Real-time Noise Data		RTN1 (Food and Environmental Hygiene Department Depot)									
3/4/2017 4:11	56	4/4/2017 5:16	58	5/4/2017 6:21	62	6/4/2017 23:26	46	8/4/2017 0:31	62	9/4/2017 1:36	60
3/4/2017 4:16	57	4/4/2017 5:21	58	5/4/2017 6:26	53	6/4/2017 23:31	62	8/4/2017 0:36	61	9/4/2017 1:41	60
3/4/2017 4:21	57	4/4/2017 5:26	59	5/4/2017 6:31	59	6/4/2017 23:36	61	8/4/2017 0:41	61	9/4/2017 1:46	60
3/4/2017 4:26	58	4/4/2017 5:31	58	5/4/2017 6:36	57	6/4/2017 23:41	61	8/4/2017 0:46	61	9/4/2017 1:51	59
3/4/2017 4:31	58	4/4/2017 5:36	59	5/4/2017 6:41	60	6/4/2017 23:46	61	8/4/2017 0:51	62	9/4/2017 1:56	59
3/4/2017 4:36	57	4/4/2017 5:41	59	5/4/2017 6:46	59	6/4/2017 23:51	62	8/4/2017 0:56	61	9/4/2017 2:01	59
3/4/2017 4:41	56	4/4/2017 5:46	58	5/4/2017 6:51	55	6/4/2017 23:56	61	8/4/2017 1:01	61	9/4/2017 2:06	59
3/4/2017 4:46	57	4/4/2017 5:51	60	5/4/2017 6:56	56	7/4/2017 0:01	61	8/4/2017 1:06	61	9/4/2017 2:11	60
3/4/2017 4:51	57	4/4/2017 5:56	61	5/4/2017 7:01	52	7/4/2017 0:06	61	8/4/2017 1:11	61	9/4/2017 2:16	60
3/4/2017 4:56	58	4/4/2017 6:01	60	5/4/2017 7:06	46	7/4/2017 0:11	62	8/4/2017 1:16	62	9/4/2017 2:21	60
3/4/2017 5:01	57	4/4/2017 6:06	60	5/4/2017 7:11	43	7/4/2017 0:16	61	8/4/2017 1:21	60	9/4/2017 2:26	60
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3/4/2017 5:11	58	4/4/2017 6:16	61	5/4/2017 7:21	48	7/4/2017 0:26	61	8/4/2017 1:31	61	9/4/2017 2:36	59
3/4/2017 5:16	56	4/4/2017 6:21	60	5/4/2017 7:26	62	7/4/2017 0:31	61	8/4/2017 1:36	60	9/4/2017 2:41	58
3/4/2017 5:21	59	4/4/2017 6:26	62	5/4/2017 7:31	54	7/4/2017 0:36	61	8/4/2017 1:41	61	9/4/2017 2:46	59
3/4/2017 5:26	59	4/4/2017 6:31	61	5/4/2017 7:36	52	7/4/2017 0:41	60	8/4/2017 1:46	60	9/4/2017 2:51	58
3/4/2017 5:31	58	4/4/2017 6:36	62	5/4/2017 7:41	62	7/4/2017 0:46	61	8/4/2017 1:51	60	9/4/2017 2:56	58
3/4/2017 5:36	59	4/4/2017 6:41	61	5/4/2017 7:46	62	7/4/2017 0:51	60	8/4/2017 1:56	60	9/4/2017 3:01	59
3/4/2017 5:41	59	4/4/2017 6:46	49	5/4/2017 7:51	53	7/4/2017 0:56	60	8/4/2017 2:01	60	9/4/2017 3:06	58
3/4/2017 5:46	60	4/4/2017 6:51	55	5/4/2017 7:56	61	7/4/2017 1:01	60	8/4/2017 2:06	60	9/4/2017 3:11	59
3/4/2017 5:51	60	4/4/2017 6:56	62	6/4/2017 0:01	61	7/4/2017 1:06	60	8/4/2017 2:11	60	9/4/2017 3:16	60
3/4/2017 5:56	60	4/4/2017 7:01	61	6/4/2017 0:06	62	7/4/2017 1:11	59	8/4/2017 2:16	61	9/4/2017 3:21	58
3/4/2017 6:01	59	4/4/2017 7:06	61	6/4/2017 0:11	61	7/4/2017 1:16	60	8/4/2017 2:21	60	9/4/2017 3:26	59
3/4/2017 6:06	61	4/4/2017 7:11	61	6/4/2017 0:16	61	7/4/2017 1:21	60	8/4/2017 2:26	60	9/4/2017 3:31	60
3/4/2017 6:11	61	4/4/2017 7:16	62	6/4/2017 0:21	55	7/4/2017 1:26	60	8/4/2017 2:31	60	9/4/2017 3:36	66
3/4/2017 6:16	56	4/4/2017 7:21	43	6/4/2017 0:26	62	7/4/2017 1:31	59	8/4/2017 2:36	60	9/4/2017 3:41	62
3/4/2017 6:21	62	4/4/2017 7:26	60	6/4/2017 0:31	62	7/4/2017 1:36	59	8/4/2017 2:41	59	9/4/2017 3:46	59
3/4/2017 6:26	52	4/4/2017 7:31	61	6/4/2017 0:36	61	7/4/2017 1:41	59	8/4/2017 2:46	59	9/4/2017 3:51	58
3/4/2017 6:31	57	4/4/2017 7:36	61	6/4/2017 0:41	61	7/4/2017 1:46	59	8/4/2017 2:51	59	9/4/2017 3:56	57
3/4/2017 6:36	51	4/4/2017 7:41	61	6/4/2017 0:46	60	7/4/2017 1:51	58	8/4/2017 2:56	59	9/4/2017 4:01	58
3/4/2017 6:41	60	4/4/2017 7:46	61	6/4/2017 0:51	60	7/4/2017 1:56	59	8/4/2017 3:01	60	9/4/2017 4:06	58
3/4/2017 6:46	60	4/4/2017 7:51	50	6/4/2017 0:56	60	7/4/2017 2:01	59	8/4/2017 3:06	59	9/4/2017 4:11	59
3/4/2017 6:51	59	4/4/2017 7:56	61	6/4/2017 1:01	59	7/4/2017 2:06	59	8/4/2017 3:11	59	9/4/2017 4:16	58
3/4/2017 6:56	61	5/4/2017 0:01	60	6/4/2017 1:06	60	7/4/2017 2:11	59	8/4/2017 3:16	59	9/4/2017 4:21	59
3/4/2017 7:01	62	5/4/2017 0:06	61	6/4/2017 1:11	60	7/4/2017 2:16	58	8/4/2017 3:21	59	9/4/2017 4:26	59
3/4/2017 7:06	51	5/4/2017 0:11	61	6/4/2017 1:16	60	7/4/2017 2:21	59	8/4/2017 3:26	59	9/4/2017 4:31	58
3/4/2017 7:11	55	5/4/2017 0:16	61	6/4/2017 1:21	60	7/4/2017 2:26	58	8/4/2017 3:31	58	9/4/2017 4:36	58
3/4/2017 7:16	55	5/4/2017 0:21	61	6/4/2017 1:26	59	7/4/2017 2:31	58	8/4/2017 3:36	59	9/4/2017 4:41	58
3/4/2017 7:21	58	5/4/2017 0:26	60	6/4/2017 1:31	59	7/4/2017 2:36	59	8/4/2017 3:41	59	9/4/2017 4:46	58
3/4/2017 7:26	53	5/4/2017 0:31	61	6/4/2017 1:36	59	7/4/2017 2:41	59	8/4/2017 3:46	59	9/4/2017 4:51	57
3/4/2017 7:31	61	5/4/2017 0:36	60	6/4/2017 1:41	58	7/4/2017 2:46	58	8/4/2017 3:51	60	9/4/2017 4:56	58
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3/4/2017 7:41	62	5/4/2017 0:46	59	6/4/2017 1:51	58	7/4/2017 2:56	59	8/4/2017 4:01	58	9/4/2017 5:06	58
3/4/2017 7:46	50	5/4/2017 0:51	59	6/4/2017 1:56	58	7/4/2017 3:01	57	8/4/2017 4:06	59	9/4/2017 5:11	57
3/4/2017 7:51	62	5/4/2017 0:56	59	6/4/2017 2:01	58	7/4/2017 3:06	58	8/4/2017 4:11	59	9/4/2017 5:16	58
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4/4/2017 0:01	62	5/4/2017 1:06	58	6/4/2017 2:11	58	7/4/2017 3:16	58	8/4/2017 4:21	60	9/4/2017 5:26	59
4/4/2017 0:06	61	5/4/2017 1:11	60	6/4/2017 2:16	58	7/4/2017 3:21	58	8/4/2017 4:26	60	9/4/2017 5:31	59
4/4/2017 0:11	46	5/4/2017 1:16	59	6/4/2017 2:21	58	7/4/2017 3:26	57	8/4/2017 4:31	60	9/4/2017 5:36	59
4/4/2017 0:16	48	5/4/2017 1:21	60	6/4/2017 2:26	58	7/4/2017 3:31	58	8/4/2017 4:36	58	9/4/2017 5:41	59
4/4/2017 0:21	62	5/4/2017 1:26	58	6/4/2017 2:31	58	7/4/2017 3:36	57	8/4/2017 4:41	58	9/4/2017 5:46	59
4/4/2017 0:26	52	5/4/2017 1:31	60	6/4/2017 2:36	58	7/4/2017 3:41	56	8/4/2017 4:46	59	9/4/2017 5:51	60
4/4/2017 0:31	61	5/4/2017 1:36	58	6/4/2017 2:41	57	7/4/2017 3:46	57	8/4/2017 4:51	60	9/4/2017 5:56	60
4/4/2017 0:36	61	5/4/2017 1:41	58	6/4/2017 2:46	57	7/4/2017 3:51	59	8/4/2017 4:56	58	9/4/2017 6:01	61
4/4/2017 0:41	61	5/4/2017 1:46	58	6/4/2017 2:51	59	7/4/2017 3:56	57	8/4/2017 5:01	59	9/4/2017 6:06	60
4/4/2017 0:46	61	5/4/2017 1:51	58	6/4/2017 2:56	58	7/4/2017 4:01	59	8/4/2017 5:06	59	9/4/2017 6:11	61
4/4/2017 0:51	61	5/4/2017 1:56	57	6/4/2017 3:01	58	7/4/2017 4:06	59	8/4/2017 5:11	58	9/4/2017 6:16	61
4/4/2017 0:56	60	5/4/2017 2:01	58	6/4/2017 3:06	57	7/4/2017 4:11	57	8/4/2017 5:16	59	9/4/2017 6:21	62
4/4/2017 1:01	61	5/4/2017 2:06	58	6/4/2017 3:11	58	7/4/2017 4:16	57	8/4/2017 5:21	58	9/4/2017 6:26	55
4/4/2017 1:06	62	5/4/2017 2:11	56	6/4/2017 3:16	57	7/4/2017 4:21	57	8/4/2017 5:26	59	9/4/2017 6:31	62
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4/4/2017 1:16	60	5/4/2017 2:21	58	6/4/2017 3:26	58	7/4/2017 4:31	58	8/4/2017 5:36	60	9/4/2017 6:41	61
4/4/2017 1:21	61	5/4/2017 2:26	56	6/4/2017 3:31	56	7/4/2017 4:36	57	8/4/2017 5:41	60	9/4/2017 6:46	61
4/4/2017 1:26	61	5/4/2017 2:31	57	6/4/2017 3:36	58	7/4/2017 4:41	56	8/4/2017 5:46	59	9/4/2017 6:51	61
4/4/2017 1:31	61	5/4/2017 2:36	58	6/4/2017 3:41	57	7/4/2017 4:46	58	8/4/2017 5:51	60	9/4/2017 6:56	44
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4/4/2017 1:41	61	5/4/2017 2:46	57	6/4/2017 3:51	57	7/4/2017 4:56	58	8/4/2017 6:01	60	9/4/2017 7:06	61
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4/4/2017 1:51	60	5/4/2017 2:56	58	6/4/2017 4:01	56	7/4/2017 5:06	58	8/4/2017 6:11	62	9/4/2017 7:16	61
4/4/2017 1:56	60	5/4/2017 3:01	55	6/4/2017 4:06	57	7/4/2017 5:11	58	8/4/2017 6:16	61	9/4/2017 7:21	61
4/4/2017 2:01	60	5/4/2017 3:06	57	6/4/2017 4:11	56	7/4/2017 5:16	58	8/4/2017 6:21	43	9/4/2017 7:26	62
4/4/2017 2:06	60	5/4/2017 3:11	58	6/4/2017 4:16	57	7/4/2017 5:21	58	8/4/2017 6:26	53	9/4/2017 7:31	61
4/4/2017 2:11	60	5/4/2017 3:16	56	6/4/2017 4:21	56	7/4/2017 5:26	59	8/4/2017 6:31	57	9/4/2017 7:36	61
4/4/2017 2:16	59	5/4/2017 3:21	57	6/4/2017 4:26	57	7/4/2017 5:31	59	8/4/2017 6:36	59	9/4/2017 7:41	61
4/4/2017 2:21	59	5/4/2017 3:26	58	6/4/2017 4:31	57	7/4/2017 5:36	59	8/4/2017 6:41	61	9/4/2017 7:46	61
4/4/2017 2:26	59	5/4/2017 3:31	56	6/4/2017 4:36	58	7/4/2017 5:41	60	8/4/2017 6:46	57	9/4/2017 7:51	61
4/4/2017 2:31	61	5/4/2017 3:36	57	6/4/2017 4:41	58	7/4/2017 5:46	60	8/4/2017 6:51	55	9/4/2017 7:56	60
4/4/2017 2:36	59	5/4/2017 3:41	56	6/4/2017 4:46	57	7/4/2017 5:51	61	8/4/2017 6:56	56	10/4/2017 0:01	61
4/4/2017 2:41	60	5/4/2017 3:46	57	6/4/2017 4:51	57	7/4/2017 5:56	60	8/4/2017 7:01	49	10/4/2017 0:06	60
4/4/2017 2:46	59	5/4/2017 3:51									

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

Real-time Noise Data	RTN1 (Food and Environmental Hygiene Department Depot)										
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17/4/2017 1:26	59	18/4/2017 2:31	57	19/4/2017 3:36	58	20/4/2017 4:41	58	21/4/2017 5:46	60	22/4/2017 6:51	58
17/4/2017 1:31	60	18/4/2017 2:36	59	19/4/2017 3:41	57	20/4/2017 4:46	57	21/4/2017 5:51	59	22/4/2017 6:56	55
17/4/2017 1:36	59	18/4/2017 2:41	57	19/4/2017 3:46	58	20/4/2017 4:51	58	21/4/2017 5:56	59	22/4/2017 7:01	57
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17/4/2017 1:46	59	18/4/2017 2:51	58	19/4/2017 3:56	57	20/4/2017 5:01	57	21/4/2017 6:06	60	22/4/2017 7:11	55
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17/4/2017 6:06	61	18/4/2017 7:11	62	20/4/2017 0:16	60	21/4/2017 1:21	60	22/4/2017 2:26	61	23/4/2017 3:31	59
17/4/2017 6:11	60	18/4/2017 7:16	51	20/4/2017 0:21	54	21/4/2017 1:26	60	22/4/2017 2:31	61	23/4/2017 3:36	60
17/4/2017 6:16	60	18/4/2017 7:21	62	20/4/2017 0:26	61	21/4/2017 1:31	59	22/4/2017 2:36	60	23/4/2017 3:41	58
17/4/2017 6:21	60	18/4/2017 7:26	61	20/4/2017 0:31	61	21/4/2017 1:36	59	22/4/2017 2:41	61	23/4/2017 3:46	60
17/4/2017 6:26	47	18/4/2017 7:31	62	20/4/2017 0:36	62	21/4/2017 1:41	59	22/4/2017 2:46	61	23/4/2017 3:51	59
17/4/2017 6:31	62	18/4/2017 7:36	62	20/4/2017 0:41	60	21/4/2017 1:46	59	22/4/2017 2:51	60	23/4/2017 3:56	67
17/4/2017 6:36	56	18/4/2017 7:41	62	20/4/2017 0:46	60	21/4/2017 1:51	59	22/4/2017 2:56	60	23/4/2017 4:01	59
17/4/2017 6:41	57	18/4/2017 7:46	61	20/4/2017 0:51	60	21/4/2017 1:56	58	22/4/2017 3:01	59	23/4/2017 4:06	59
17/4/2017 6:46	61	18/4/2017 7:51	62	20/4/2017 0:56	60	21/4/2017 2:01	59	22/4/2017 3:06	60	23/4/2017 4:11	59
17/4/2017 6:51	61	18/4/2017 7:56	61	20/4/2017 1:01	59	21/4/2017 2:06	59	22/4/2017 3:11	60	23/4/2017 4:16	59
17/4/2017 6:56	61	19/4/2017 0:01	61	20/4/2017 1:06	60	21/4/2017 2:11	59	22/4/2017 3:16	59	23/4/2017 4:21	59
17/4/2017 7:01	61	19/4/2017 0:06	61	20/4/2017 1:11	60	21/4/2017 2:16	59	22/4/2017 3:21	60	23/4/2017 4:26	59
17/4/2017 7:06	61	19/4/2017 0:11	61	20/4/2017 1:16	59	21/4/2017 2:21	58	22/4/2017 3:26	60	23/4/2017 4:31	60
17/4/2017 7:11	62	19/4/2017 0:16	60	20/4/2017 1:21	59	21/4/2017 2:26	58	22/4/2017 3:31	59	23/4/2017 4:36	60
17/4/2017 7:16	62	19/4/2017 0:21	60	20/4/2017 1:26	59	21/4/2017 2:31	58	22/4/2017 3:36	59	23/4/2017 4:41	59
17/4/2017 7:21	62	19/4/2017 0:26	60	20/4/2017 1:31	60	21/4/2017 2:36	58	22/4/2017 3:41	59	23/4/2017 4:46	58
17/4/2017 7:26	61	19/4/2017 0:31	61	20/4/2017 1:36	59	21/4/2017 2:41	58	22/4/2017 3:46	59	23/4/2017 4:51	59
17/4/2017 7:31	62	19/4/2017 0:36	61	20/4/2017							

Real-time Noise Data	RTN1 (Food and Environmental Hygiene Department Depot)		
23/4/2017 23:41	62	25/4/2017 0:46 60	26/4/2017 1:51 60
23/4/2017 23:46	61	25/4/2017 0:51 61	26/4/2017 1:56 60
23/4/2017 23:51	61	25/4/2017 0:56 60	26/4/2017 2:01 59
23/4/2017 23:56	61	25/4/2017 1:01 60	26/4/2017 2:06 59
24/4/2017 0:01	60	25/4/2017 1:06 60	26/4/2017 2:11 59
24/4/2017 0:06	61	25/4/2017 1:11 59	26/4/2017 2:16 59
24/4/2017 0:11	61	25/4/2017 1:16 60	26/4/2017 2:21 58
24/4/2017 0:16	61	25/4/2017 1:21 61	26/4/2017 2:26 59
24/4/2017 0:21	61	25/4/2017 1:26 60	26/4/2017 2:31 59
24/4/2017 0:26	62	25/4/2017 1:31 59	26/4/2017 2:36 58
24/4/2017 0:31	61	25/4/2017 1:36 59	26/4/2017 2:41 59
24/4/2017 0:36	60	25/4/2017 1:41 60	26/4/2017 2:46 58
24/4/2017 0:41	59	25/4/2017 1:46 58	26/4/2017 2:51 59
24/4/2017 0:46	61	25/4/2017 1:51 58	26/4/2017 2:56 59
24/4/2017 0:51	60	25/4/2017 1:56 58	26/4/2017 3:01 58
24/4/2017 0:56	59	25/4/2017 2:01 58	26/4/2017 3:06 59
24/4/2017 1:01	60	25/4/2017 2:06 58	26/4/2017 3:11 59
24/4/2017 1:06	60	25/4/2017 2:11 58	26/4/2017 3:16 59
24/4/2017 1:11	61	25/4/2017 2:16 58	26/4/2017 3:21 58
24/4/2017 1:16	60	25/4/2017 2:21 58	26/4/2017 3:26 57
24/4/2017 1:21	60	25/4/2017 2:26 58	26/4/2017 3:31 59
24/4/2017 1:26	59	25/4/2017 2:31 58	26/4/2017 3:36 59
24/4/2017 1:31	59	25/4/2017 2:36 58	26/4/2017 3:41 57
24/4/2017 1:36	59	25/4/2017 2:41 58	26/4/2017 3:46 57
24/4/2017 1:41	58	25/4/2017 2:46 57	26/4/2017 3:51 58
24/4/2017 1:46	58	25/4/2017 2:51 57	26/4/2017 3:56 58
24/4/2017 1:51	59	25/4/2017 2:56 57	26/4/2017 4:01 58
24/4/2017 1:56	58	25/4/2017 3:01 58	26/4/2017 4:06 58
24/4/2017 2:01	59	25/4/2017 3:06 56	26/4/2017 4:11 58
24/4/2017 2:06	58	25/4/2017 3:11 58	26/4/2017 4:16 58
24/4/2017 2:11	57	25/4/2017 3:16 57	26/4/2017 4:21 58
24/4/2017 2:16	58	25/4/2017 3:21 57	26/4/2017 4:26 59
24/4/2017 2:21	58	25/4/2017 3:26 57	26/4/2017 4:31 59
24/4/2017 2:26	58	25/4/2017 3:31 57	26/4/2017 4:36 58
24/4/2017 2:31	58	25/4/2017 3:36 58	26/4/2017 4:41 57
24/4/2017 2:36	59	25/4/2017 3:41 57	26/4/2017 4:46 58
24/4/2017 2:41	58	25/4/2017 3:46 57	26/4/2017 4:51 59
24/4/2017 2:46	56	25/4/2017 3:51 57	26/4/2017 4:56 59
24/4/2017 2:51	59	25/4/2017 3:56 57	26/4/2017 5:01 59
24/4/2017 2:56	58	25/4/2017 4:01 56	26/4/2017 5:06 59
24/4/2017 3:01	58	25/4/2017 4:06 58	26/4/2017 5:11 59
24/4/2017 3:06	57	25/4/2017 4:11 56	26/4/2017 5:16 60
24/4/2017 3:11	57	25/4/2017 4:16 56	26/4/2017 5:21 59
24/4/2017 3:16	57	25/4/2017 4:21 57	26/4/2017 5:26 59
24/4/2017 3:21	57	25/4/2017 4:26 57	26/4/2017 5:31 60
24/4/2017 3:26	58	25/4/2017 4:31 57	26/4/2017 5:36 61
24/4/2017 3:31	57	25/4/2017 4:36 57	26/4/2017 5:41 60
24/4/2017 3:36	58	25/4/2017 4:41 57	26/4/2017 5:46 61
24/4/2017 3:41	56	25/4/2017 4:46 57	26/4/2017 5:51 49
24/4/2017 3:46	57	25/4/2017 4:51 57	26/4/2017 5:56 61
24/4/2017 3:51	57	25/4/2017 4:56 58	26/4/2017 6:01 61
24/4/2017 3:56	57	25/4/2017 5:01 57	26/4/2017 6:06 61
24/4/2017 4:01	56	25/4/2017 5:06 57	26/4/2017 6:11 54
24/4/2017 4:06	57	25/4/2017 5:11 59	26/4/2017 6:16 55
24/4/2017 4:11	57	25/4/2017 5:16 58	26/4/2017 6:21 54
24/4/2017 4:16	58	25/4/2017 5:21 57	26/4/2017 6:26 56
24/4/2017 4:21	58	25/4/2017 5:26 59	26/4/2017 6:31 58
24/4/2017 4:26	58	25/4/2017 5:31 59	26/4/2017 6:36 59
24/4/2017 4:31	57	25/4/2017 5:36 59	26/4/2017 6:41 61
24/4/2017 4:36	57	25/4/2017 5:41 59	26/4/2017 6:46 61
24/4/2017 4:41	57	25/4/2017 5:46 60	26/4/2017 6:51 61
24/4/2017 4:46	57	25/4/2017 5:51 55	26/4/2017 6:56 60
24/4/2017 4:51	60	25/4/2017 5:56 60	26/4/2017 23:01 58
24/4/2017 4:56	58	25/4/2017 6:01 60	26/4/2017 23:06 61
24/4/2017 5:01	58	25/4/2017 6:06 61	26/4/2017 23:11 60
24/4/2017 5:06	59	25/4/2017 6:11 61	26/4/2017 23:16 57
24/4/2017 5:11	58	25/4/2017 6:16 47	26/4/2017 23:21 59
24/4/2017 5:16	58	25/4/2017 6:21 42	26/4/2017 23:26 59
24/4/2017 5:21	59	25/4/2017 6:26 56	26/4/2017 23:31 54
24/4/2017 5:26	59	25/4/2017 6:31 50	26/4/2017 23:36 58
24/4/2017 5:31	59	25/4/2017 6:36 58	26/4/2017 23:41 50
24/4/2017 5:36	60	25/4/2017 6:41 60	26/4/2017 23:46 52
24/4/2017 5:41	60	25/4/2017 6:46 60	26/4/2017 23:51 52
24/4/2017 5:46	60	25/4/2017 6:51 60	26/4/2017 23:56 51
24/4/2017 5:51	61	25/4/2017 6:56 59	
24/4/2017 5:56	61	25/4/2017 23:01 59	
24/4/2017 6:01	61	25/4/2017 23:06 58	
24/4/2017 6:06	62	25/4/2017 23:11 58	
24/4/2017 6:11	62	25/4/2017 23:16 56	
24/4/2017 6:16	49	25/4/2017 23:21 57	
24/4/2017 6:21	54	25/4/2017 23:26 57	
24/4/2017 6:26	57	25/4/2017 23:31 55	
24/4/2017 6:31	59	25/4/2017 23:36 53	
24/4/2017 6:36	60	25/4/2017 23:41 56	
24/4/2017 6:41	59	25/4/2017 23:46 55	
24/4/2017 6:46	61	25/4/2017 23:51 47	
24/4/2017 6:51	60	25/4/2017 23:56 53	
24/4/2017 6:56	58	26/4/2017 0:01 39	
24/4/2017 23:01	56	26/4/2017 0:06 62	
24/4/2017 23:06	52	26/4/2017 0:11 46	
24/4/2017 23:11	48	26/4/2017 0:16 54	
24/4/2017 23:16	49	26/4/2017 0:21 62	
24/4/2017 23:21	52	26/4/2017 0:26 62	
24/4/2017 23:26	62	26/4/2017 0:31 61	
24/4/2017 23:31	62	26/4/2017 0:36 61	
24/4/2017 23:36	52	26/4/2017 0:41 62	
24/4/2017 23:41	49	26/4/2017 0:46 61	
24/4/2017 23:46	62	26/4/2017 0:51 60	
24/4/2017 23:51	54	26/4/2017 0:56 61	
24/4/2017 23:56	62	26/4/2017 1:01 61	
25/4/2017 0:01	61	26/4/2017 1:06 61	
25/4/2017 0:06	61	26/4/2017 1:11 61	
25/4/2017 0:11	61	26/4/2017 1:16 61	
25/4/2017 0:16	61	26/4/2017 1:21 60	
25/4/2017 0:21	61	26/4/2017 1:26 60	
25/4/2017 0:26	61	26/4/2017 1:31 61	
25/4/2017 0:31	61	26/4/2017 1:36 59	
25/4/2017 0:36	60	26/4/2017 1:41 61	
25/4/2017 0:41	60	26/4/2017 1:46 60	

Real-time Noise Data	RTN2a (Hong Kong Electric Centre)								
Normal Day 07:00-19:00	31/3/2017 12:31 65	7/4/2017 7:01 60	12/4/2017 13:31 66	21/4/2017 8:01 64	26/4/2017 14:31 56				
27/3/2017 7:01 57	31/3/2017 13:01 67	7/4/2017 7:31 65	12/4/2017 14:01 65	21/4/2017 8:31 67	26/4/2017 15:01 56				
27/3/2017 7:31 65	31/3/2017 13:31 64	7/4/2017 8:01 67	12/4/2017 14:31 66	21/4/2017 9:01 67	26/4/2017 15:31 66				
27/3/2017 8:01 59	31/3/2017 14:01 67	7/4/2017 8:31 53	12/4/2017 15:01 66	21/4/2017 9:31 66	26/4/2017 16:01 51				
27/3/2017 8:31 69	31/3/2017 14:31 66	7/4/2017 9:01 62	12/4/2017 15:31 56	21/4/2017 10:01 63	26/4/2017 16:31 65				
27/3/2017 9:01 71	31/3/2017 15:01 66	7/4/2017 9:31 60	12/4/2017 16:01 66	21/4/2017 10:31 65	26/4/2017 17:01 63				
27/3/2017 9:31 69	31/3/2017 15:31 67	7/4/2017 10:01 65	12/4/2017 16:31 65	21/4/2017 11:01 67	26/4/2017 17:31 62				
27/3/2017 10:01 64	31/3/2017 16:01 59	7/4/2017 10:31 61	12/4/2017 17:01 64	21/4/2017 11:31 67	26/4/2017 18:01 61				
27/3/2017 10:31 64	31/3/2017 16:31 65	7/4/2017 11:01 66	12/4/2017 17:31 62	21/4/2017 12:01 62	26/4/2017 18:31 60				
27/3/2017 11:01 67	31/3/2017 17:01 64	7/4/2017 11:31 64	12/4/2017 18:01 60	21/4/2017 12:31 63					
27/3/2017 11:31 71	31/3/2017 17:31 66	7/4/2017 12:01 61	12/4/2017 18:31 59	21/4/2017 13:01 65					
27/3/2017 12:01 65	31/3/2017 18:01 62	7/4/2017 12:31 63	13/4/2017 7:01 60	21/4/2017 13:31 65					
27/3/2017 12:31 64	31/3/2017 18:31 59	7/4/2017 13:01 66	13/4/2017 7:31 63	21/4/2017 14:01 60					
27/3/2017 13:01 63	1/4/2017 7:01 58	7/4/2017 13:31 66	13/4/2017 8:01 64	21/4/2017 14:31 65					
27/3/2017 13:31 65	1/4/2017 7:31 65	7/4/2017 14:01 65	13/4/2017 8:31 57	21/4/2017 15:01 65					
27/3/2017 14:01 63	1/4/2017 8:01 66	7/4/2017 14:31 66	13/4/2017 9:01 61	21/4/2017 15:31 66					
27/3/2017 14:31 63	1/4/2017 8:31 65	7/4/2017 15:01 65	13/4/2017 9:31 58	21/4/2017 16:01 66					
27/3/2017 15:01 64	1/4/2017 9:01 65	7/4/2017 15:31 66	13/4/2017 10:01 52	21/4/2017 16:31 66					
27/3/2017 15:31 65	1/4/2017 9:31 68	7/4/2017 16:01 65	13/4/2017 10:31 65	21/4/2017 17:01 64					
27/3/2017 16:01 68	1/4/2017 10:01 68	7/4/2017 16:31 64	13/4/2017 11:01 63	21/4/2017 17:31 63					
27/3/2017 16:31 67	1/4/2017 10:31 62	7/4/2017 17:01 63	13/4/2017 11:31 67	21/4/2017 18:01 61					
27/3/2017 17:01 65	1/4/2017 11:01 62	7/4/2017 17:31 62	13/4/2017 12:01 63	21/4/2017 18:31 59					
27/3/2017 17:31 63	1/4/2017 11:31 66	7/4/2017 18:01 62	13/4/2017 12:31 65	22/4/2017 7:01 60					
27/3/2017 18:01 62	1/4/2017 12:01 60	7/4/2017 18:31 61	13/4/2017 13:01 66	22/4/2017 7:31 67					
27/3/2017 18:31 61	1/4/2017 12:31 61	8/4/2017 7:01 61	13/4/2017 13:31 58	22/4/2017 8:01 46					
28/3/2017 7:01 59	1/4/2017 13:01 66	8/4/2017 7:31 63	13/4/2017 14:01 61	22/4/2017 8:31 64					
28/3/2017 7:31 65	1/4/2017 13:31 67	8/4/2017 8:01 65	13/4/2017 14:31 67	22/4/2017 9:01 61					
28/3/2017 8:01 67	1/4/2017 14:01 52	8/4/2017 8:31 53	13/4/2017 15:01 66	22/4/2017 9:31 60					
28/3/2017 8:31 67	1/4/2017 14:31 66	8/4/2017 9:01 57	13/4/2017 15:31 66	22/4/2017 10:01 61					
28/3/2017 9:01 52	1/4/2017 15:01 65	8/4/2017 9:31 61	13/4/2017 16:01 66	22/4/2017 10:31 58					
28/3/2017 9:31 59	1/4/2017 15:31 66	8/4/2017 10:01 55	13/4/2017 16:31 64	22/4/2017 11:01 62					
28/3/2017 10:01 61	1/4/2017 16:01 66	8/4/2017 10:31 61	13/4/2017 17:01 63	22/4/2017 11:31 65					
28/3/2017 10:31 62	1/4/2017 16:31 64	8/4/2017 11:01 67	13/4/2017 17:31 62	22/4/2017 12:01 63					
28/3/2017 11:01 58	1/4/2017 17:01 61	8/4/2017 11:31 64	13/4/2017 18:01 60	22/4/2017 12:31 65					
28/3/2017 11:31 67	1/4/2017 17:31 60	8/4/2017 12:01 62	13/4/2017 18:31 61	22/4/2017 13:01 66					
28/3/2017 12:01 64	1/4/2017 18:01 60	8/4/2017 12:31 63	18/4/2017 7:01 61	22/4/2017 13:31 67					
28/3/2017 12:31 62	1/4/2017 18:31 59	8/4/2017 13:01 66	18/4/2017 7:31 67	22/4/2017 14:01 67					
28/3/2017 13:01 65	3/4/2017 7:01 58	8/4/2017 13:31 66	18/4/2017 8:01 59	22/4/2017 14:31 57					
28/3/2017 13:31 66	3/4/2017 7:31 62	8/4/2017 14:01 66	18/4/2017 8:31 67	22/4/2017 15:01 67					
28/3/2017 14:01 60	3/4/2017 8:01 63	8/4/2017 14:31 66	18/4/2017 9:01 66	22/4/2017 15:31 66					
28/3/2017 14:31 52	3/4/2017 8:31 41	8/4/2017 15:01 52	18/4/2017 9:31 62	22/4/2017 16:01 55					
28/3/2017 15:01 52	3/4/2017 9:01 61	8/4/2017 15:31 62	18/4/2017 10:01 60	22/4/2017 16:31 67					
28/3/2017 15:31 67	3/4/2017 9:31 60	8/4/2017 16:01 65	18/4/2017 10:31 63	22/4/2017 17:01 63					
28/3/2017 16:01 66	3/4/2017 10:01 65	8/4/2017 16:31 63	18/4/2017 11:01 62	22/4/2017 17:31 62					
28/3/2017 16:31 66	3/4/2017 10:31 66	8/4/2017 17:01 62	18/4/2017 11:31 65	22/4/2017 18:01 63					
28/3/2017 17:01 64	3/4/2017 11:01 64	8/4/2017 17:31 62	18/4/2017 12:01 63	22/4/2017 18:31 59					
28/3/2017 17:31 61	3/4/2017 11:31 65	8/4/2017 18:01 61	18/4/2017 12:31 65	22/4/2017 19:01 62					
28/3/2017 18:01 59	3/4/2017 12:01 64	8/4/2017 18:31 59	18/4/2017 13:01 66	22/4/2017 19:31 66					
28/3/2017 18:31 61	3/4/2017 12:31 61	10/4/2017 7:01 65	18/4/2017 13:31 67	24/4/2017 7:01 66					
29/3/2017 7:01 57	3/4/2017 13:01 64	10/4/2017 7:31 66	18/4/2017 14:01 67	24/4/2017 7:31 63					
29/3/2017 7:31 60	3/4/2017 13:31 65	10/4/2017 8:01 69	18/4/2017 14:31 63	24/4/2017 8:01 61					
29/3/2017 8:01 63	3/4/2017 14:01 66	10/4/2017 8:31 68	18/4/2017 15:01 47	24/4/2017 9:31 55					
29/3/2017 8:31 57	3/4/2017 14:31 67	10/4/2017 9:01 56	18/4/2017 15:31 54	24/4/2017 10:01 63					
29/3/2017 9:01 56	3/4/2017 15:01 65	10/4/2017 9:31 66	18/4/2017 16:01 53	24/4/2017 10:31 60					
29/3/2017 9:31 58	3/4/2017 15:31 63	10/4/2017 10:01 62	18/4/2017 16:31 66	24/4/2017 11:01 67					
29/3/2017 10:01 65	3/4/2017 16:01 65	10/4/2017 10:31 59	18/4/2017 17:01 66	24/4/2017 11:31 65					
29/3/2017 10:31 61	3/4/2017 16:31 63	10/4/2017 11:01 57	18/4/2017 17:31 65	24/4/2017 12:01 64					
29/3/2017 11:01 62	3/4/2017 17:01 62	10/4/2017 11:31 66	18/4/2017 18:01 65	24/4/2017 12:31 64					
29/3/2017 11:31 66	3/4/2017 17:31 60	10/4/2017 12:01 64	18/4/2017 18:31 62	24/4/2017 13:01 66					
29/3/2017 12:01 64	3/4/2017 18:01 60	10/4/2017 12:31 65	19/4/2017 7:01 64	24/4/2017 13:31 61					
29/3/2017 12:31 62	3/4/2017 18:31 60	10/4/2017 13:01 67	19/4/2017 7:31 65	24/4/2017 14:01 53					
29/3/2017 13:01 66	5/4/2017 7:01 59	10/4/2017 13:31 67	19/4/2017 8:01 49	24/4/2017 14:31 67					
29/3/2017 13:31 64	5/4/2017 7:31 63	10/4/2017 14:01 43	19/4/2017 8:31 63	24/4/2017 15:01 62					
29/3/2017 14:01 56	5/4/2017 8:01 66	10/4/2017 14:31 51	19/4/2017 9:01 65	24/4/2017 15:31 66					
29/3/2017 14:31 67	5/4/2017 8:31 66	10/4/2017 15:01 64	19/4/2017 9:31 65	24/4/2017 16:01 59					
29/3/2017 15:01 64	5/4/2017 9:01 67	10/4/2017 15:31 67	19/4/2017 10:01 63	24/4/2017 16:31 66					
29/3/2017 15:31 65	5/4/2017 9:31 63	10/4/2017 16:01 67	19/4/2017 10:31 62	24/4/2017 17:01 64					
29/3/2017 16:01 65	5/4/2017 10:01 67	10/4/2017 16:31 65	19/4/2017 11:01 60	24/4/2017 17:31 63					
29/3/2017 16:31 65	5/4/2017 10:31 61	10/4/2017 17:01 66	19/4/2017 11:31 61	24/4/2017 18:01 65					
29/3/2017 17:01 63	5/4/2017 11:01 60	10/4/2017 17:31 64	19/4/2017 12:01 63	24/4/2017 18:31 64					
29/3/2017 17:31 60	5/4/2017 11:31 66	10/4/2017 18:01 60	19/4/2017 12:31 64	25/4/2017 7:01 59					
29/3/2017 18:01 59	5/4/2017 12:01 63	10/4/2017 18:31 60	19/4/2017 13:01 66	25/4/2017 7:31 62					
29/3/2017 18:31 59	5/4/2017 12:31 63	11/4/2017 7:01 63	19/4/2017 13:31 56	25/4/2017 8:01 67					
30/3/2017 7:01 58	5/4/2017 13:01 66	11/4/2017 7:31 58	19/4/2017 14:01 67	25/4/2017 8:31 65					
30/3/2017 7:31 62	5/4/2017 13:31 65	11/4/2017 8:01 62	19/4/2017 14:31 67	25/4/2017 9:01 67					
30/3/2017 8:01 64	5/4/2017 14:01 58	11/4/2017 8:31 65	19/4/2017 15:01 56	25/4/2017 9:31 67					
30/3/2017 8:31 66	5/4/2017 14:31 66	11/4/2017 9:01 68	19/4/2017 15:31 62	25/4/2017 10:01 58					
30/3/2017 9:01 67	5/4/2017 15:01 65	11/4/2017 9:31 64	19/4/2017 16:01 49	25/4/2017 10:31 60					
30/3/2017 9:31 55	5/4/2017 15:31 67	11/4/2017 10:01 64	19/4/2017 16:31 58	25/4/2017 11:01 61					
30/3/2017 10:01 67	5/4/2017 16:01 65	11/4/2017 10:31 61	19/4/2017 17:01 64	25/4/2017 11:31 65					
30/3/2017 10:31 67	5/4/2017 16:31 66	11/4/2017 11:01 67	19/4/2017 17:31 65	25/4/2017 12:01 63					
30/3/2017 11:01 67									

Real-time Noise Data		RTN2a (Hong Kong Electric Centre)									
28/3/2017 22:56	56	31/3/2017 20:01	57	2/4/2017 9:06	57	2/4/2017 18:11	60	4/4/2017 7:16	55	4/4/2017 16:21	58
29/3/2017 19:01	57	31/3/2017 20:06	58	2/4/2017 9:11	56	2/4/2017 18:16	58	4/4/2017 7:21	56	4/4/2017 16:26	59
29/3/2017 19:06	57	31/3/2017 20:11	58	2/4/2017 9:16	57	2/4/2017 18:21	57	4/4/2017 7:26	54	4/4/2017 16:31	56
29/3/2017 19:11	45	31/3/2017 20:16	61	2/4/2017 9:21	56	2/4/2017 18:26	57	4/4/2017 7:31	55	4/4/2017 16:36	58
29/3/2017 19:16	57	31/3/2017 20:21	62	2/4/2017 9:26	56	2/4/2017 18:31	58	4/4/2017 7:36	55	4/4/2017 16:41	58
29/3/2017 19:21	57	31/3/2017 20:26	56	2/4/2017 9:31	57	2/4/2017 18:36	58	4/4/2017 7:41	55	4/4/2017 16:46	59
29/3/2017 19:26	58	31/3/2017 20:31	57	2/4/2017 9:36	58	2/4/2017 18:41	60	4/4/2017 7:46	56	4/4/2017 16:51	59
29/3/2017 19:31	58	31/3/2017 20:36	58	2/4/2017 9:41	58	2/4/2017 18:46	58	4/4/2017 7:51	46	4/4/2017 16:56	60
29/3/2017 19:36	59	31/3/2017 20:41	58	2/4/2017 9:46	57	2/4/2017 18:51	61	4/4/2017 7:56	56	4/4/2017 17:01	60
29/3/2017 19:41	61	31/3/2017 20:46	61	2/4/2017 9:51	58	2/4/2017 18:56	57	4/4/2017 8:01	59	4/4/2017 17:06	58
29/3/2017 19:46	61	31/3/2017 20:51	59	2/4/2017 9:56	57	2/4/2017 19:01	57	4/4/2017 8:06	57	4/4/2017 17:11	57
29/3/2017 19:51	60	31/3/2017 20:56	58	2/4/2017 10:01	58	2/4/2017 19:06	58	4/4/2017 8:11	58	4/4/2017 17:16	58
29/3/2017 19:56	58	31/3/2017 21:01	60	2/4/2017 10:06	56	2/4/2017 19:11	57	4/4/2017 8:16	57	4/4/2017 17:21	59
29/3/2017 20:01	59	31/3/2017 21:06	58	2/4/2017 10:11	58	2/4/2017 19:16	56	4/4/2017 8:21	57	4/4/2017 17:26	58
29/3/2017 20:06	56	31/3/2017 21:11	57	2/4/2017 10:16	58	2/4/2017 19:21	56	4/4/2017 8:26	56	4/4/2017 17:31	57
29/3/2017 20:11	56	31/3/2017 21:16	58	2/4/2017 10:21	59	2/4/2017 19:26	0	4/4/2017 8:31	57	4/4/2017 17:36	58
29/3/2017 20:16	62	31/3/2017 21:21	59	2/4/2017 10:26	57	2/4/2017 19:31	0	4/4/2017 8:36	58	4/4/2017 17:41	58
29/3/2017 20:21	57	31/3/2017 21:26	58	2/4/2017 10:31	57	2/4/2017 19:36	0	4/4/2017 8:41	56	4/4/2017 17:46	58
29/3/2017 20:26	58	31/3/2017 21:31	57	2/4/2017 10:36	57	2/4/2017 19:41	0	4/4/2017 8:46	56	4/4/2017 17:51	57
29/3/2017 20:31	57	31/3/2017 21:36	57	2/4/2017 10:41	59	2/4/2017 19:46	0	4/4/2017 8:51	57	4/4/2017 17:56	58
29/3/2017 20:36	57	31/3/2017 21:41	57	2/4/2017 10:46	57	2/4/2017 19:51	55	4/4/2017 8:56	56	4/4/2017 18:01	59
29/3/2017 20:41	56	31/3/2017 21:46	60	2/4/2017 10:51	57	2/4/2017 19:56	56	4/4/2017 9:01	56	4/4/2017 18:06	58
29/3/2017 20:46	58	31/3/2017 21:51	57	2/4/2017 10:56	57	2/4/2017 20:01	55	4/4/2017 9:06	58	4/4/2017 18:11	56
29/3/2017 20:51	56	31/3/2017 21:56	59	2/4/2017 11:01	62	2/4/2017 20:06	55	4/4/2017 9:11	58	4/4/2017 18:16	58
29/3/2017 20:56	58	31/3/2017 22:01	57	2/4/2017 11:06	57	2/4/2017 20:11	56	4/4/2017 9:16	57	4/4/2017 18:21	57
29/3/2017 21:01	55	31/3/2017 22:06	59	2/4/2017 11:11	58	2/4/2017 20:16	57	4/4/2017 9:21	57	4/4/2017 18:26	60
29/3/2017 21:06	57	31/3/2017 22:11	59	2/4/2017 11:16	57	2/4/2017 20:21	61	4/4/2017 9:26	56	4/4/2017 18:31	57
29/3/2017 21:11	57	31/3/2017 22:16	58	2/4/2017 11:21	56	2/4/2017 20:26	59	4/4/2017 9:31	57	4/4/2017 18:36	58
29/3/2017 21:16	55	31/3/2017 22:21	59	2/4/2017 11:26	56	2/4/2017 20:31	61	4/4/2017 9:36	58	4/4/2017 18:41	58
29/3/2017 21:21	56	31/3/2017 22:26	56	2/4/2017 11:31	57	2/4/2017 20:36	59	4/4/2017 9:41	57	4/4/2017 18:46	60
29/3/2017 21:26	56	31/3/2017 22:31	60	2/4/2017 11:36	57	2/4/2017 20:41	56	4/4/2017 9:46	57	4/4/2017 18:51	59
29/3/2017 21:31	56	31/3/2017 22:36	58	2/4/2017 11:41	57	2/4/2017 20:46	55	4/4/2017 9:51	57	4/4/2017 18:56	59
29/3/2017 21:36	58	31/3/2017 22:41	56	2/4/2017 11:46	57	2/4/2017 20:51	57	4/4/2017 9:56	57	4/4/2017 19:01	57
29/3/2017 21:41	58	31/3/2017 22:46	57	2/4/2017 11:51	58	2/4/2017 20:56	56	4/4/2017 10:01	57	4/4/2017 19:06	57
29/3/2017 21:46	58	31/3/2017 22:51	60	2/4/2017 11:56	57	2/4/2017 21:01	56	4/4/2017 10:06	58	4/4/2017 19:11	60
29/3/2017 21:51	56	31/3/2017 22:56	55	2/4/2017 12:01	57	2/4/2017 21:06	57	4/4/2017 10:11	57	4/4/2017 19:16	57
29/3/2017 21:56	57	1/4/2017 19:01	57	2/4/2017 12:06	58	2/4/2017 21:11	55	4/4/2017 10:16	57	4/4/2017 19:21	57
29/3/2017 22:01	56	1/4/2017 19:06	58	2/4/2017 12:11	55	2/4/2017 21:16	55	4/4/2017 10:21	58	4/4/2017 19:26	58
29/3/2017 22:06	56	1/4/2017 19:11	57	2/4/2017 12:16	58	2/4/2017 21:21	57	4/4/2017 10:26	58	4/4/2017 19:31	61
29/3/2017 22:11	56	1/4/2017 19:16	57	2/4/2017 12:21	59	2/4/2017 21:26	56	4/4/2017 10:31	60	4/4/2017 19:36	59
29/3/2017 22:16	56	1/4/2017 19:21	58	2/4/2017 12:26	57	2/4/2017 21:31	56	4/4/2017 10:36	58	4/4/2017 19:41	60
29/3/2017 22:21	57	1/4/2017 19:26	57	2/4/2017 12:31	57	2/4/2017 21:36	56	4/4/2017 10:41	60	4/4/2017 19:46	61
29/3/2017 22:26	57	1/4/2017 19:31	57	2/4/2017 12:36	56	2/4/2017 21:41	56	4/4/2017 10:46	58	4/4/2017 19:51	57
29/3/2017 22:31	56	1/4/2017 19:36	61	2/4/2017 12:41	58	2/4/2017 21:46	56	4/4/2017 10:51	59	4/4/2017 19:56	58
29/3/2017 22:36	55	1/4/2017 19:41	59	2/4/2017 12:46	57	2/4/2017 21:51	55	4/4/2017 10:56	57	4/4/2017 20:01	59
29/3/2017 22:41	56	1/4/2017 19:46	60	2/4/2017 12:51	60	2/4/2017 21:56	56	4/4/2017 11:01	59	4/4/2017 20:06	58
29/3/2017 22:46	58	1/4/2017 19:51	62	2/4/2017 12:56	57	2/4/2017 22:01	58	4/4/2017 11:06	57	4/4/2017 20:11	57
29/3/2017 22:51	57	1/4/2017 19:56	56	2/4/2017 13:01	60	2/4/2017 22:06	58	4/4/2017 11:11	58	4/4/2017 20:16	59
29/3/2017 22:56	55	1/4/2017 20:01	56	2/4/2017 13:06	57	2/4/2017 22:11	55	4/4/2017 11:16	58	4/4/2017 20:21	56
30/3/2017 19:01	58	1/4/2017 20:06	58	2/4/2017 13:11	56	2/4/2017 22:16	59	4/4/2017 11:21	57	4/4/2017 20:26	59
30/3/2017 19:06	59	1/4/2017 20:11	57	2/4/2017 13:16	58	2/4/2017 22:21	55	4/4/2017 11:26	58	4/4/2017 20:31	57
30/3/2017 19:11	58	1/4/2017 20:16	60	2/4/2017 13:21	59	2/4/2017 22:26	57	4/4/2017 11:31	56	4/4/2017 20:36	58
30/3/2017 19:16	60	1/4/2017 20:21	57	2/4/2017 13:26	58	2/4/2017 22:31	56	4/4/2017 11:36	56	4/4/2017 20:41	58
30/3/2017 19:21	58	1/4/2017 20:26	58	2/4/2017 13:31	58	2/4/2017 22:36	55	4/4/2017 11:41	58	4/4/2017 20:46	57
30/3/2017 19:26	58	1/4/2017 20:31	59	2/4/2017 13:36	56	2/4/2017 22:41	55	4/4/2017 11:46	57	4/4/2017 20:51	59
30/3/2017 19:31	57	1/4/2017 20:36	58	2/4/2017 13:41	57	2/4/2017 22:46	55	4/4/2017 11:51	58	4/4/2017 20:56	58
30/3/2017 19:36	58	1/4/2017 20:41	59	2/4/2017 13:46	58	2/4/2017 22:51	56	4/4/2017 11:56	58	4/4/2017 21:01	60
30/3/2017 19:41	57	1/4/2017 20:46	57	2/4/2017 13:51	57	2/4/2017 22:56	56	4/4/2017 12:01	57	4/4/2017 21:06	58
30/3/2017 19:46	57	1/4/2017 20:51	57	2/4/2017 13:56	57	3/4/2017 19:01	58	4/4/2017 12:06	56	4/4/2017 21:11	58
30/3/2017 19:51	57	1/4/2017 20:56	60	2/4/2017 14:01	55	3/4/2017 19:06	57	4/4/2017 12:11	59	4/4/2017 21:16	56
30/3/2017 19:56	58	1/4/2017 21:01	59	2/4/2017 14:06	56	3/4/2017 19:11	56	4/4/2017 12:16	62	4/4/2017 21:21	60
30/3/2017 20:01	60	1/4/2017 21:06	57	2/4/2017 14:11	56	3/4/2017 19:16	60	4/4/2017 12:21	58	4/4/2017 21:26	56
30/3/2017 20:06	57	1/4/2017 21:11	56	2/4/2017 14:16	57	3/4/2017 19:21	58	4/4/2017 12:26	56	4/4/2017 21:31	56
30/3/2017 20:11	57	1/4/2017 21:16	57	2/4/2017 14:21	0	3/4/2017 19:26	60	4/4/2017 12:31	56	4/4/2017 21:36	56
30/3/2017 20:16	58	1/4/2017 21:21	62	2/4/2017 14:26	0	3/4/2017 19:31	59	4/4/2017 12:36	57	4/4/2017 21:41	59
30/3/2017 20:21	58	1/4/2017 21:26	57	2/4/2017 14:31	0	3/4/2017 19:36	60	4/4/2017 12:41	58	4/4/2017 21:46	55
30/3/2017 20:26	57	1/4/2017 21:31	56	2/4/2017 14:36	0	3/4/2017 19:41	58	4/4/2017 12:46	58	4/4/2017 21:51	57
30/3/2017 20:31	58	1/4/2017 21:36	56	2/4/2017 14:41	0	3/4/2017 19:46	58	4/4/2017 12:51	52	4/4/2017 21:56	55
30/3/2017 20:36	58	1/4/2017 21:41	57	2/4/2017 14:46	0	3/4/2017 19:51	57	4/4/2017 12:56	61	4/4/2017 22:01	56
30/3/2017 20:41	58	1/4/2017 21:46	57	2/4/2017 14:51	0	3/4/2017 19:56	59	4/4/2017 13:01	57	4/4/2017 22:06	56
30/3/2017 20:46	60	1/4/2017 21:51	56	2/4/2017 14:56	0	3/4/2017 20:01	58	4/4/2017 13:06	57	4/4/2017 22:11	56
30/3/2017 20:51	56	1/4/2017 21:56	57	2/4/2017 15:01	0	3/4/2017 20:06	56	4/4/2017 13:11	59	4/4/2017 22:16	57
30/3/2017 20:56	56	1/4/2017 22:01	57	2/4/2017 15:06	0	3/4/2017 20:11	62	4/4/2017 13:16	59	4/4/2017 22:21	57
30/3/2017 21:01	57	1/4/2017 22:06	59	2/4/2017 15:11	0	3/4/2017 20:16	59	4/4/2017 13:21	59	4/4/2017 22:26	55
30/3/2017 21:06	56	1/4/2017 22:11	57	2/4/2017 15:16	0	3/4/2017 20:21	58	4/4/2017 13:26	58	4/4/2017 22:31	56
30/3/2017 21:11	57	1/4/2017 22:16	58	2/4/2017 15:21	0	3/4/2017 20:26	60	4/4/2017 13:31	57	4/4/2017 22:36	

Real-time Noise Data		RTN2a (Hong Kong Electric Centre)									
5/4/2017 21:26	57	7/4/2017 22:31	59	9/4/2017 11:36	58	9/4/2017 20:41	58	11/4/2017 21:46	58	13/4/2017 22:51	58
5/4/2017 21:31	56	7/4/2017 22:36	61	9/4/2017 11:41	58	9/4/2017 20:46	59	11/4/2017 21:51	58	13/4/2017 22:56	58
5/4/2017 21:36	60	7/4/2017 22:41	57	9/4/2017 11:46	57	9/4/2017 20:51	58	11/4/2017 21:56	58	14/4/2017 7:01	59
5/4/2017 21:41	58	7/4/2017 22:46	58	9/4/2017 11:51	57	9/4/2017 20:56	57	11/4/2017 22:01	58	14/4/2017 7:06	60
5/4/2017 21:46	62	7/4/2017 22:51	58	9/4/2017 11:56	58	9/4/2017 21:01	57	11/4/2017 22:06	58	14/4/2017 7:11	59
5/4/2017 21:51	56	7/4/2017 22:56	59	9/4/2017 12:01	58	9/4/2017 21:06	57	11/4/2017 22:11	58	14/4/2017 7:16	60
5/4/2017 21:56	56	8/4/2017 19:01	58	9/4/2017 12:06	56	9/4/2017 21:11	57	11/4/2017 22:16	57	14/4/2017 7:21	58
5/4/2017 22:01	58	8/4/2017 19:06	57	9/4/2017 12:11	57	9/4/2017 21:16	58	11/4/2017 22:21	58	14/4/2017 7:26	58
5/4/2017 22:06	59	8/4/2017 19:11	58	9/4/2017 12:16	57	9/4/2017 21:21	57	11/4/2017 22:26	58	14/4/2017 7:31	57
5/4/2017 22:11	57	8/4/2017 19:16	58	9/4/2017 12:21	58	9/4/2017 21:26	57	11/4/2017 22:31	57	14/4/2017 7:36	58
5/4/2017 22:16	56	8/4/2017 19:21	60	9/4/2017 12:26	58	9/4/2017 21:31	58	11/4/2017 22:36	58	14/4/2017 7:41	60
5/4/2017 22:21	56	8/4/2017 19:26	60	9/4/2017 12:31	57	9/4/2017 21:36	58	11/4/2017 22:41	58	14/4/2017 7:46	60
5/4/2017 22:26	56	8/4/2017 19:31	59	9/4/2017 12:36	57	9/4/2017 21:41	58	11/4/2017 22:46	60	14/4/2017 7:51	59
5/4/2017 22:31	58	8/4/2017 19:36	59	9/4/2017 12:41	59	9/4/2017 21:46	58	11/4/2017 22:51	58	14/4/2017 7:56	57
5/4/2017 22:36	55	8/4/2017 19:41	58	9/4/2017 12:46	58	9/4/2017 21:51	58	11/4/2017 22:56	59	14/4/2017 8:01	58
5/4/2017 22:41	55	8/4/2017 19:46	58	9/4/2017 12:51	58	9/4/2017 21:56	57	12/4/2017 19:01	60	14/4/2017 8:06	58
5/4/2017 22:46	56	8/4/2017 19:51	58	9/4/2017 12:56	58	9/4/2017 22:01	57	12/4/2017 19:06	62	14/4/2017 8:11	59
5/4/2017 22:51	56	8/4/2017 19:56	58	9/4/2017 13:01	59	9/4/2017 22:06	57	12/4/2017 19:11	59	14/4/2017 8:16	58
5/4/2017 22:56	54	8/4/2017 20:01	58	9/4/2017 13:06	58	9/4/2017 22:11	57	12/4/2017 19:16	59	14/4/2017 8:21	59
6/4/2017 19:01	59	8/4/2017 20:06	58	9/4/2017 13:11	57	9/4/2017 22:16	57	12/4/2017 19:21	59	14/4/2017 8:26	59
6/4/2017 19:06	56	8/4/2017 20:11	57	9/4/2017 13:16	58	9/4/2017 22:21	57	12/4/2017 19:26	58	14/4/2017 8:31	59
6/4/2017 19:11	59	8/4/2017 20:16	59	9/4/2017 13:21	58	9/4/2017 22:26	57	12/4/2017 19:31	60	14/4/2017 8:36	59
6/4/2017 19:16	58	8/4/2017 20:21	58	9/4/2017 13:26	58	9/4/2017 22:31	58	12/4/2017 19:36	59	14/4/2017 8:41	60
6/4/2017 19:21	60	8/4/2017 20:26	58	9/4/2017 13:31	57	9/4/2017 22:36	58	12/4/2017 19:41	60	14/4/2017 8:46	61
6/4/2017 19:26	58	8/4/2017 20:31	59	9/4/2017 13:36	58	9/4/2017 22:41	57	12/4/2017 19:46	60	14/4/2017 8:51	60
6/4/2017 19:31	60	8/4/2017 20:36	58	9/4/2017 13:41	58	9/4/2017 22:46	57	12/4/2017 19:51	60	14/4/2017 8:56	60
6/4/2017 19:36	60	8/4/2017 20:41	57	9/4/2017 13:46	59	9/4/2017 22:51	57	12/4/2017 19:56	59	14/4/2017 9:01	61
6/4/2017 19:41	58	8/4/2017 20:46	58	9/4/2017 13:51	58	9/4/2017 22:56	57	12/4/2017 20:01	59	14/4/2017 9:06	60
6/4/2017 19:46	57	8/4/2017 20:51	59	9/4/2017 13:56	57	10/4/2017 19:01	59	12/4/2017 20:06	59	14/4/2017 9:11	61
6/4/2017 19:51	57	8/4/2017 20:56	59	9/4/2017 14:01	57	10/4/2017 19:06	59	12/4/2017 20:11	60	14/4/2017 9:16	60
6/4/2017 19:56	60	8/4/2017 21:01	61	9/4/2017 14:06	58	10/4/2017 19:11	60	12/4/2017 20:16	54	14/4/2017 9:21	61
6/4/2017 20:01	57	8/4/2017 21:06	59	9/4/2017 14:11	58	10/4/2017 19:16	60	12/4/2017 20:21	59	14/4/2017 9:26	60
6/4/2017 20:06	56	8/4/2017 21:11	57	9/4/2017 14:16	58	10/4/2017 19:21	59	12/4/2017 20:26	58	14/4/2017 9:31	60
6/4/2017 20:11	58	8/4/2017 21:16	58	9/4/2017 14:21	58	10/4/2017 19:26	59	12/4/2017 20:31	60	14/4/2017 9:36	60
6/4/2017 20:16	57	8/4/2017 21:21	57	9/4/2017 14:26	57	10/4/2017 19:31	59	12/4/2017 20:36	62	14/4/2017 9:41	60
6/4/2017 20:21	58	8/4/2017 21:26	59	9/4/2017 14:31	58	10/4/2017 19:36	60	12/4/2017 20:41	60	14/4/2017 9:46	60
6/4/2017 20:26	57	8/4/2017 21:31	59	9/4/2017 14:36	58	10/4/2017 19:41	59	12/4/2017 20:46	54	14/4/2017 9:51	60
6/4/2017 20:31	58	8/4/2017 21:36	58	9/4/2017 14:41	58	10/4/2017 19:46	59	12/4/2017 20:51	62	14/4/2017 9:56	61
6/4/2017 20:36	58	8/4/2017 21:41	58	9/4/2017 14:46	58	10/4/2017 19:51	59	12/4/2017 20:56	61	14/4/2017 10:01	59
6/4/2017 20:41	57	8/4/2017 21:46	60	9/4/2017 14:51	57	10/4/2017 19:56	60	12/4/2017 21:01	60	14/4/2017 10:06	59
6/4/2017 20:46	56	8/4/2017 21:51	57	9/4/2017 14:56	59	10/4/2017 20:01	60	12/4/2017 21:06	59	14/4/2017 10:11	59
6/4/2017 20:51	57	8/4/2017 21:56	58	9/4/2017 15:01	58	10/4/2017 20:06	59	12/4/2017 21:11	60	14/4/2017 10:16	59
6/4/2017 20:56	59	8/4/2017 22:01	58	9/4/2017 15:06	58	10/4/2017 20:11	59	12/4/2017 21:16	57	14/4/2017 10:21	60
6/4/2017 21:01	59	8/4/2017 22:06	58	9/4/2017 15:11	59	10/4/2017 20:16	59	12/4/2017 21:21	60	14/4/2017 10:26	60
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6/4/2017 21:11	57	8/4/2017 22:16	58	9/4/2017 15:21	60	10/4/2017 20:26	59	12/4/2017 21:31	58	14/4/2017 10:36	60
6/4/2017 21:16	58	8/4/2017 22:21	60	9/4/2017 15:26	58	10/4/2017 20:31	60	12/4/2017 21:36	59	14/4/2017 10:41	59
6/4/2017 21:21	55	8/4/2017 22:26	57	9/4/2017 15:31	59	10/4/2017 20:36	59	12/4/2017 21:41	58	14/4/2017 10:46	58
6/4/2017 21:26	56	8/4/2017 22:31	58	9/4/2017 15:36	58	10/4/2017 20:41	59	12/4/2017 21:46	58	14/4/2017 10:51	61
6/4/2017 21:31	61	8/4/2017 22:36	62	9/4/2017 15:41	58	10/4/2017 20:46	59	12/4/2017 21:51	59	14/4/2017 10:56	60
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6/4/2017 21:51	56	8/4/2017 22:56	56	9/4/2017 16:01	58	10/4/2017 21:06	59	12/4/2017 22:11	59	14/4/2017 11:16	60
6/4/2017 21:56	56	9/4/2017 7:01	57	9/4/2017 16:06	58	10/4/2017 21:11	60	12/4/2017 22:16	58	14/4/2017 11:21	58
6/4/2017 22:01	58	9/4/2017 7:06	57	9/4/2017 16:11	59	10/4/2017 21:16	59	12/4/2017 22:21	58	14/4/2017 11:26	58
6/4/2017 22:06	56	9/4/2017 7:11	56	9/4/2017 16:16	58	10/4/2017 21:21	59	12/4/2017 22:26	58	14/4/2017 11:31	59
6/4/2017 22:11	58	9/4/2017 7:16	56	9/4/2017 16:21	58	10/4/2017 21:26	58	12/4/2017 22:31	58	14/4/2017 11:36	58
6/4/2017 22:16	57	9/4/2017 7:21	56	9/4/2017 16:26	59	10/4/2017 21:31	58	12/4/2017 22:36	58	14/4/2017 11:41	58
6/4/2017 22:21	57	9/4/2017 7:26	57	9/4/2017 16:31	61	10/4/2017 21:36	58	12/4/2017 22:41	59	14/4/2017 11:46	59
6/4/2017 22:26	56	9/4/2017 7:31	58	9/4/2017 16:36	60	10/4/2017 21:41	59	12/4/2017 22:46	58	14/4/2017 11:51	58
6/4/2017 22:31	56	9/4/2017 7:36	56	9/4/2017 16:41	59	10/4/2017 21:46	59	12/4/2017 22:51	58	14/4/2017 11:56	58
6/4/2017 22:36	55	9/4/2017 7:41	56	9/4/2017 16:46	58	10/4/2017 21:51	59	12/4/2017 22:56	58	14/4/2017 12:01	58
6/4/2017 22:41	55	9/4/2017 7:46	59	9/4/2017 16:51	59	10/4/2017 21:56	59	13/4/2017 19:01	58	14/4/2017 12:06	59
6/4/2017 22:46	57	9/4/2017 7:51	58	9/4/2017 16:56	58	10/4/2017 22:01	59	13/4/2017 19:06	58	14/4/2017 12:11	59
6/4/2017 22:51	58	9/4/2017 7:56	59	9/4/2017 17:01	58	10/4/2017 22:06	59	13/4/2017 19:11	59	14/4/2017 12:16	59
6/4/2017 22:56	57	9/4/2017 8:01	58	9/4/2017 17:06	58	10/4/2017 22:11	59	13/4/2017 19:16	59	14/4/2017 12:21	59
7/4/2017 19:01	59	9/4/2017 8:06	57	9/4/2017 17:11	58	10/4/2017 22:16	60	13/4/2017 19:21	59	14/4/2017 12:26	59
7/4/2017 19:06	60	9/4/2017 8:11	57	9/4/2017 17:16	58	10/4/2017 22:21	59	13/4/2017 19:26	58	14/4/2017 12:31	58
7/4/2017 19:11	53	9/4/2017 8:16	58	9/4/2017 17:21	59	10/4/2017 22:26	59	13/4/2017 19:31	59	14/4/2017 12:36	58
7/4/2017 19:16	60	9/4/2017 8:21	59	9/4/2017 17:26	58	10/4/2017 22:31	59	13/4/2017 19:36	47	14/4/2017 12:41	58
7/4/2017 19:21	58	9/4/2017 8:26	58	9/4/2017 17:31	58	10/4/2017 22:36	59	13/4/2017 19:41	60	14/4/2017 12:46	58
7/4/2017 19:26	60	9/4/2017 8:31	57	9/4/2017 17:36	58	10/4/2017 22:41	59	13/4/2017 19:46	60	14/4/2017 12:51	58
7/4/2017 19:31	58	9/4/2017 8:36	58	9/4/2017 17:41	57	10/4/2017 22:46	59	13/4/2017 19:51	60	14/4/2017 12:56	59
7/4/2017 19:36	61	9/4/2017 8:41	57	9/4/2017 17:46	57	10/4/2017 22:51	58	13/4/2017 19:56	59	14/4/2017 13:01	60
7/4/2017 19:41	59	9/4/2017 8:46	58								

Real-time Noise Data	RTN2a (Hong Kong Electric Centre)										
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14/4/2017 16:01	60	15/4/2017 9:06	59	15/4/2017 18:11	58	16/4/2017 11:16	57	16/4/2017 20:21	39	17/4/2017 13:26	57
14/4/2017 16:06	60	15/4/2017 9:11	59	15/4/2017 18:16	59	16/4/2017 11:21	59	16/4/2017 20:26	61	17/4/2017 13:31	58
14/4/2017 16:11	60	15/4/2017 9:16	59	15/4/2017 18:21	58	16/4/2017 11:26	58	16/4/2017 20:31	58	17/4/2017 13:36	60
14/4/2017 16:16	55	15/4/2017 9:21	60	15/4/2017 18:26	60	16/4/2017 11:31	59	16/4/2017 20:36	58	17/4/2017 13:41	59
14/4/2017 16:21	61	15/4/2017 9:26	58	15/4/2017 18:31	59	16/4/2017 11:36	58	16/4/2017 20:41	58	17/4/2017 13:46	58
14/4/2017 16:26	60	15/4/2017 9:31	59	15/4/2017 18:36	59	16/4/2017 11:41	62	16/4/2017 20:46	58	17/4/2017 13:51	59
14/4/2017 16:31	59	15/4/2017 9:36	60	15/4/2017 18:41	59	16/4/2017 11:46	59	16/4/2017 20:51	57	17/4/2017 13:56	59
14/4/2017 16:36	59	15/4/2017 9:41	59	15/4/2017 18:46	59	16/4/2017 11:51	58	16/4/2017 20:56	57	17/4/2017 14:01	59
14/4/2017 16:41	60	15/4/2017 9:46	59	15/4/2017 18:51	59	16/4/2017 11:56	58	16/4/2017 21:01	59	17/4/2017 14:06	62
14/4/2017 16:46	59	15/4/2017 9:51	60	15/4/2017 18:56	59	16/4/2017 12:01	57	16/4/2017 21:06	58	17/4/2017 14:11	59
14/4/2017 16:51	59	15/4/2017 9:56	60	15/4/2017 19:01	48	16/4/2017 12:06	58	16/4/2017 21:11	58	17/4/2017 14:16	59
14/4/2017 16:56	60	15/4/2017 10:01	59	15/4/2017 19:06	59	16/4/2017 12:11	59	16/4/2017 21:16	57	17/4/2017 14:21	58
14/4/2017 17:01	59	15/4/2017 10:06	59	15/4/2017 19:11	59	16/4/2017 12:16	58	16/4/2017 21:21	59	17/4/2017 14:26	59
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14/4/2017 17:21	59	15/4/2017 10:26	60	15/4/2017 19:31	59	16/4/2017 12:36	58	16/4/2017 21:41	58	17/4/2017 14:46	60
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14/4/2017 17:36	60	15/4/2017 10:41	59	15/4/2017 19:46	59	16/4/2017 12:51	58	16/4/2017 21:56	56	17/4/2017 15:01	59
14/4/2017 17:41	60	15/4/2017 10:46	59	15/4/2017 19:51	59	16/4/2017 12:56	58	16/4/2017 22:01	57	17/4/2017 15:06	58
14/4/2017 17:46	59	15/4/2017 10:51	59	15/4/2017 19:56	59	16/4/2017 13:01	59	16/4/2017 22:06	59	17/4/2017 15:11	58
14/4/2017 17:51	59	15/4/2017 10:56	60	15/4/2017 20:01	61	16/4/2017 13:06	60	16/4/2017 22:11	58	17/4/2017 15:16	58
14/4/2017 17:56	59	15/4/2017 11:01	58	15/4/2017 20:06	51	16/4/2017 13:11	58	16/4/2017 22:16	59	17/4/2017 15:21	58
14/4/2017 18:01	60	15/4/2017 11:06	59	15/4/2017 20:11	61	16/4/2017 13:16	59	16/4/2017 22:21	60	17/4/2017 15:26	59
14/4/2017 18:06	59	15/4/2017 11:11	61	15/4/2017 20:16	62	16/4/2017 13:21	61	16/4/2017 22:26	59	17/4/2017 15:31	58
14/4/2017 18:11	59	15/4/2017 11:16	61	15/4/2017 20:21	60	16/4/2017 13:26	58	16/4/2017 22:31	59	17/4/2017 15:36	58
14/4/2017 18:16	59	15/4/2017 11:21	58	15/4/2017 20:26	60	16/4/2017 13:31	58	16/4/2017 22:36	57	17/4/2017 15:41	58
14/4/2017 18:21	59	15/4/2017 11:26	60	15/4/2017 20:31	60	16/4/2017 13:36	57	16/4/2017 22:41	57	17/4/2017 15:46	58
14/4/2017 18:26	61	15/4/2017 11:31	60	15/4/2017 20:36	61	16/4/2017 13:41	57	16/4/2017 22:46	56	17/4/2017 15:51	59
14/4/2017 18:31	60	15/4/2017 11:36	60	15/4/2017 20:41	60	16/4/2017 13:46	59	16/4/2017 22:51	56	17/4/2017 15:56	58
14/4/2017 18:36	60	15/4/2017 11:41	61	15/4/2017 20:46	60	16/4/2017 13:51	58	16/4/2017 22:56	56	17/4/2017 16:01	57
14/4/2017 18:41	60	15/4/2017 11:46	61	15/4/2017 20:51	57	16/4/2017 13:56	57	17/4/2017 7:01	56	17/4/2017 16:06	58
14/4/2017 18:46	59	15/4/2017 11:51	60	15/4/2017 20:56	58	16/4/2017 14:01	58	17/4/2017 7:06	55	17/4/2017 16:11	57
14/4/2017 18:51	61	15/4/2017 11:56	61	15/4/2017 21:01	58	16/4/2017 14:06	57	17/4/2017 7:11	57	17/4/2017 16:16	57
14/4/2017 18:56	59	15/4/2017 12:01	62	15/4/2017 21:06	60	16/4/2017 14:11	58	17/4/2017 7:16	56	17/4/2017 16:21	57
14/4/2017 19:01	61	15/4/2017 12:06	61	15/4/2017 21:11	59	16/4/2017 14:16	58	17/4/2017 7:21	55	17/4/2017 16:26	58
14/4/2017 19:06	58	15/4/2017 12:11	60	15/4/2017 21:16	60	16/4/2017 14:21	58	17/4/2017 7:26	55	17/4/2017 16:31	57
14/4/2017 19:11	58	15/4/2017 12:16	61	15/4/2017 21:21	61	16/4/2017 14:26	59	17/4/2017 7:31	56	17/4/2017 16:36	57
14/4/2017 19:16	59	15/4/2017 12:21	61	15/4/2017 21:26	58	16/4/2017 14:31	58	17/4/2017 7:36	56	17/4/2017 16:41	58
14/4/2017 19:21	58	15/4/2017 12:26	61	15/4/2017 21:31	57	16/4/2017 14:36	58	17/4/2017 7:41	56	17/4/2017 16:46	58
14/4/2017 19:26	59	15/4/2017 12:31	60	15/4/2017 21:36	58	16/4/2017 14:41	57	17/4/2017 7:46	57	17/4/2017 16:51	57
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14/4/2017 19:36	58	15/4/2017 12:41	57	15/4/2017 21:46	56	16/4/2017 14:51	57	17/4/2017 7:56	56	17/4/2017 17:01	57
14/4/2017 19:41	62	15/4/2017 12:46	60	15/4/2017 21:51	57	16/4/2017 14:56	57	17/4/2017 8:01	58	17/4/2017 17:06	58
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14/4/2017 19:56	59	15/4/2017 13:01	60	15/4/2017 22:06	56	16/4/2017 15:11	57	17/4/2017 8:16	57	17/4/2017 17:21	57
14/4/2017 20:01	58	15/4/2017 13:06	60	15/4/2017 22:11	58	16/4/2017 15:16	59	17/4/2017 8:21	59	17/4/2017 17:26	57
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14/4/2017 20:11	60	15/4/2017 13:16	61	15/4/2017 22:21	56	16/4/2017 15:26	59	17/4/2017 8:31	58	17/4/2017 17:36	57
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14/4/2017 20:21	59	15/4/2017 13:26	61	15/4/2017 22:31	59	16/4/2017 15:36	57	17/4/2017 8:41	58	17/4/2017 17:46	57
14/4/2017 20:26	60	15/4/2017 13:31	61	15/4/2017 22:36	56	16/4/2017 15:41	57	17/4/2017 8:46	56	17/4/2017 17:51	60
14/4/2017 20:31	62	15/4/2017 13:36	61	15/4/2017 22:41	58	16/4/2017 15:46	58	17/4/2017 8:51	57	17/4/2017 17:56	59
14/4/2017 20:36	59	15/4/2017 13:41	61	15/4/2017 22:46	58	16/4/2017 15:51	56	17/4/2017 8:56	58	17/4/2017 18:01	58
14/4/2017 20:41	59	15/4/2017 13:46	61	15/4/2017 22:51	59	16/4/2017 15:56	57	17/4/2017 9:01	57	17/4/2017 18:06	58
14/4/2017 20:46	58	15/4/2017 13:51	59	15/4/2017 22:56	56	16/4/2017 16:01	56	17/4/2017 9:06	57	17/4/2017 18:11	60
14/4/2017 20:51	60	15/4/2017 13:56	61	16/4/2017 7:01	55	16/4/2017 16:06	57	17/4/2017 9:11	59	17/4/2017 18:16	60
14/4/2017 20:56	61	15/4/2017 14:01	59	16/4/2017 7:06	55	16/4/2017 16:11	61	17/4/2017 9:16	57	17/4/2017 18:21	57
14/4/2017 21:01	58	15/4/2017 14:06	59	16/4/2017 7:11	54	16/4/2017 16:16	56	17/4/2017 9:21	57	17/4/2017 18:26	58
14/4/2017 21:06	57	15/4/2017 14:11	59	16/4/2017 7:16	54	16/4/2017 16:21	57	17/4/2017 9:26	57	17/4/2017 18:31	57
14/4/2017 21:11	58	15/4/2017 14:16	59	16/4/2017 7:21	56	16/4/2017 16:26	56	17/4/2017 9:31	57	17/4/2017 18:36	58
14/4/2017 21:16	59	15/4/2017 14:21	59	16/4/2017 7:26	54	16/4/2017 16:31	56	17/4/2017 9:36	58	17/4/2017 18:41	59
14/4/2017 21:21	58	15/4/2017 14:26	59	16/4/2017 7:31	57	16/4/2017 16:36	58	17/4/2017 9:41	57	17/4/2017 18:46	59
14/4/2017 21:26	58	15/4/2017 14:31	59	16/4/2017 7:36	56	16/4/2017 16:41	57	17/4/2017 9:46	59	17/4/2017 18:51	57
14/4/2017 21:31	60	15/4/2017 14:36	60	16/4/2017 7:41	56	16/4/2017 16:46	56	17/4/2017 9:51	58	17/4/2017 18:56	60
14/4/2017 21:36	55	15/4/2017 14:41	59	16/4/2017 7:46	55	16/4/2017 16:51	57	17/4/2017 9:56	56	17/4/2017 19:01	58
14/4/2017 21:41	57	15/4/2017 14:46	59	16/4/2017 7:51	56	16/4/2017 16:56	57	17/4/2017 10:01	56	17/4/2017 19:06	58
14/4/2017 21:46	58	15/4/2017 14:51	59	16/4/2017 7:56	56	16/4/2017 17:01	57	17/4/2017 10:06	57	17/4/2017 19:11	58
14/4/2017 21:51	58	15/4/2017 14:56	59	16/4/2017 8:01	59	16/4/2017 17:06	57	17/4/2017 10:11	57	17/4/2017 19:16	60
14/4/2017 21:56	47	15/4/2017 15:01	59	16/4/2017 8:06	58	16/4/2017 17:11	57	17/4/2017 10:16	56	17/4/2017 19:21	57
14/4/2017 22:01	58	15/4/2017 15:06	59	16/4/2017 8:11	56	16/4/2017 17:16	57	17/4/2017 10:21	58	17/4/2017 19:26	58
14/4/											

Real-time Noise Data	RTN2a (Hong Kong Electric Centre)										
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17/4/2017 22:31	56	20/4/2017 19:36	58	22/4/2017 20:41	58	23/4/2017 13:46	58	23/4/2017 22:51	55	26/4/2017 19:56	57
17/4/2017 22:36	57	20/4/2017 19:41	61	22/4/2017 20:46	59	23/4/2017 13:51	61	23/4/2017 22:56	56	26/4/2017 20:01	58
17/4/2017 22:41	56	20/4/2017 19:46	58	22/4/2017 20:51	58	23/4/2017 13:56	59	24/4/2017 19:01	58	26/4/2017 20:06	57
17/4/2017 22:46	57	20/4/2017 19:51	57	22/4/2017 20:56	59	23/4/2017 14:01	58	24/4/2017 19:06	58	26/4/2017 20:11	58
17/4/2017 22:51	56	20/4/2017 19:56	57	22/4/2017 21:01	57	23/4/2017 14:06	57	24/4/2017 19:11	57	26/4/2017 20:16	58
17/4/2017 22:56	56	20/4/2017 20:01	57	22/4/2017 21:06	58	23/4/2017 14:11	57	24/4/2017 19:16	58	26/4/2017 20:21	58
18/4/2017 19:01	58	20/4/2017 20:06	57	22/4/2017 21:11	60	23/4/2017 14:16	58	24/4/2017 19:21	57	26/4/2017 20:26	57
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18/4/2017 20:51	57	20/4/2017 21:56	57	23/4/2017 7:01	55	23/4/2017 16:06	56	24/4/2017 21:11	55	26/4/2017 22:16	57
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18/4/2017 22:56	60	21/4/2017 20:01	58	23/4/2017 9:06	55	23/4/2017 18:11	57	25/4/2017 19:16	60	27/3/2017 1:01	54
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19/4/2017 19:11	59	21/4/2017 20:16	58	23/4/2017 9:21	59	23/4/2017 18:26	58	25/4/2017 19:31	58	27/3/2017 1:16	54
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19/4/2017 19:26	58	21/4/2017 20:31	57	23/4/2017 9:36	59	23/4/2017 18:41	58	25/4/2017 19:46	58	27/3/2017 1:31	53
19/4/2017 19:31	58	21/4/2017 20:36	58	23/4/2017 9:41	57	23/4/2017 18:46	58	25/4/2017 19:51	58	27/3/2017 1:36	53
19/4/2017 19:36	58	21/4/2017 20:41	57	23/4/2017 9:46	58	23/4/2017 18:51	57	25/4/2017 19:56	57	27/3/2017 1:41	53
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19/4/2017 19:51	57	21/4/2017 20:56	57	23/4/2017 10:01	58	23/4/2017 19:06	52	25/4/2017 20:06	57	27/3/2017 1:56	53
19/4/2017 19:56	57	21/4/2017 21:01	57	23/4/2017 10:06	58	23/4/2017 19:11	56	25/4/2017 20:11	60	27/3/2017 2:01	53
19/4/2017 20:01	57	21/4/2017 21:06	57	23/4/2017 10:11	57	23/4/2017 19:16	58	25/4/2017 20:16	59	27/3/2017 2:06	54
19/4/2017 20:06	57	21/4/2017 21:11	57	23/4/2017 10:16	56	23/4/2017 19:21	56	25/4/2017 20:21	57	27/3/2017 2:11	54
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19/4/2017 20:16	58	21/4/2017 21:21	57	23/4/2017 10:26	57	23/4/2017 19:31	59	25/4/2017 20:31	59	27/3/2017 2:21	53
19/4/2017 20:21	58	21/4/2017 21:26	57	23/4/2017 10:31	61	23/4/2017 19:36	56	25/4/2017 20:36	57	27/3/2017 2:26	53
19/4/2017 20:26	58	21/4/2017 21:31	58	23/4/2017 10:36	59	23/4/2017 19:41	57	25/4/2017 20:41	57	27/3/2017 2:31	56
19/4/2017 20:31	58	21/4/2017 21:36	57	23/4/2017 10:41	57	23/4/2017 19:46	59	25/4/2017 20:46	57	27/3/2017 2:36	55
19/4/2017 20:36	57	21/4/2017 21:41	57	23/4/2017 10							

Real-time Noise Data		RTN2a (Hong Kong Electric Centre)									
27/3/2017 5:41	52	28/3/2017 6:46	57	29/3/2017 23:51	54	31/3/2017 0:56	53	1/4/2017 2:01	54	2/4/2017 3:06	54
27/3/2017 5:46	53	28/3/2017 6:51	56	29/3/2017 23:56	55	31/3/2017 1:01	53	1/4/2017 2:06	54	2/4/2017 3:11	54
27/3/2017 5:51	52	28/3/2017 6:56	56	30/3/2017 0:01	55	31/3/2017 1:06	54	1/4/2017 2:11	53	2/4/2017 3:16	53
27/3/2017 5:56	52	28/3/2017 23:01	57	30/3/2017 0:06	54	31/3/2017 1:11	53	1/4/2017 2:16	53	2/4/2017 3:21	54
27/3/2017 6:01	53	28/3/2017 23:06	57	30/3/2017 0:11	54	31/3/2017 1:16	53	1/4/2017 2:21	54	2/4/2017 3:26	53
27/3/2017 6:06	54	28/3/2017 23:11	56	30/3/2017 0:16	55	31/3/2017 1:21	53	1/4/2017 2:26	53	2/4/2017 3:31	53
27/3/2017 6:11	53	28/3/2017 23:16	55	30/3/2017 0:21	55	31/3/2017 1:26	53	1/4/2017 2:31	54	2/4/2017 3:36	53
27/3/2017 6:16	54	28/3/2017 23:21	55	30/3/2017 0:26	56	31/3/2017 1:31	53	1/4/2017 2:36	55	2/4/2017 3:41	52
27/3/2017 6:21	56	28/3/2017 23:26	55	30/3/2017 0:31	56	31/3/2017 1:36	54	1/4/2017 2:41	54	2/4/2017 3:46	53
27/3/2017 6:26	54	28/3/2017 23:31	55	30/3/2017 0:36	54	31/3/2017 1:41	52	1/4/2017 2:46	54	2/4/2017 3:51	53
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27/3/2017 6:36	57	28/3/2017 23:41	55	30/3/2017 0:46	54	31/3/2017 1:51	53	1/4/2017 2:56	53	2/4/2017 4:01	53
27/3/2017 6:41	57	28/3/2017 23:46	55	30/3/2017 0:51	54	31/3/2017 1:56	54	1/4/2017 3:01	53	2/4/2017 4:06	53
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27/3/2017 23:31	55	29/3/2017 0:36	55	30/3/2017 1:41	53	31/3/2017 2:46	53	1/4/2017 3:51	53	2/4/2017 4:56	52
27/3/2017 23:36	55	29/3/2017 0:41	55	30/3/2017 1:46	52	31/3/2017 2:51	52	1/4/2017 3:56	52	2/4/2017 5:01	52
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27/3/2017 23:56	55	29/3/2017 1:01	54	30/3/2017 2:06	52	31/3/2017 3:11	52	1/4/2017 4:16	53	2/4/2017 5:21	52
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28/3/2017 0:16	55	29/3/2017 1:21	53	30/3/2017 2:26	52	31/3/2017 3:31	51	1/4/2017 4:36	54	2/4/2017 5:41	53
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28/3/2017 1:56	54	29/3/2017 3:01	51	30/3/2017 4:06	51	31/3/2017 5:11	51	1/4/2017 6:16	54	2/4/2017 23:21	56
28/3/2017 2:01	54	29/3/2017 3:06	51	30/3/2017 4:11	51	31/3/2017 5:16	52	1/4/2017 6:21	54	2/4/2017 23:26	55
28/3/2017 2:06	53	29/3/2017 3:11	51	30/3/2017 4:16	52	31/3/2017 5:21	52	1/4/2017 6:26	54	2/4/2017 23:31	57
28/3/2017 2:11	54	29/3/2017 3:16	51	30/3/2017 4:21	51	31/3/2017 5:26	52	1/4/2017 6:31	55	2/4/2017 23:36	55
28/3/2017 2:16	53	29/3/2017 3:21	52	30/3/2017 4:26	52	31/3/2017 5:31	52	1/4/2017 6:36	54	2/4/2017 23:41	55
28/3/2017 2:21	53	29/3/2017 3:26	51	30/3/2017 4:31	50	31/3/2017 5:36	51	1/4/2017 6:41	54	2/4/2017 23:46	54
28/3/2017 2:26	53	29/3/2017 3:31	51	30/3/2017 4:36	50	31/3/2017 5:41	52	1/4/2017 6:46	55	2/4/2017 23:51	53
28/3/2017 2:31	54	29/3/2017 3:36	52	30/3/2017 4:41	51	31/3/2017 5:46	52	1/4/2017 6:51	56	2/4/2017 23:56	53
28/3/2017 2:36	53	29/3/2017 3:41	51	30/3/2017 4:46	51	31/3/2017 5:51	52	1/4/2017 6:56	55	3/4/2017 0:01	53
28/3/2017 2:41	53	29/3/2017 3:46	51	30/3/2017 4:51	52	31/3/2017 5:56	52	1/4/2017 23:01	57	3/4/2017 0:06	54
28/3/2017 2:46	53	29/3/2017 3:51	54	30/3/2017 4:56	51	31/3/2017 6:01	53	1/4/2017 23:06	57	3/4/2017 0:11	53
28/3/2017 2:51	53	29/3/2017 3:56	52	30/3/2017 5:01	53	31/3/2017 6:06	54	1/4/2017 23:11	55	3/4/2017 0:16	53
28/3/2017 2:56	53	29/3/2017 4:01	51	30/3/2017 5:06	52	31/3/2017 6:11	54	1/4/2017 23:16	57	3/4/2017 0:21	54
28/3/2017 3:01	53	29/3/2017 4:06	51	30/3/2017 5:11	57	31/3/2017 6:16	54	1/4/2017 23:21	55	3/4/2017 0:26	53
28/3/2017 3:06	53	29/3/2017 4:11	52	30/3/2017 5:16	53	31/3/2017 6:21	54	1/4/2017 23:26	56	3/4/2017 0:31	53
28/3/2017 3:11	54	29/3/2017 4:16	51	30/3/2017 5:21	52	31/3/2017 6:26	55	1/4/2017 23:31	56	3/4/2017 0:36	53
28/3/2017 3:16	54	29/3/2017 4:21	53	30/3/2017 5:26	51	31/3/2017 6:31	54	1/4/2017 23:36	56	3/4/2017 0:41	53
28/3/2017 3:21	53	29/3/2017 4:26	55	30/3/2017 5:31	52	31/3/2017 6:36	54	1/4/2017 23:41	56	3/4/2017 0:46	52
28/3/2017 3:26	56	29/3/2017 4:31	52	30/3/2017 5:36	52	31/3/2017 6:41	55	1/4/2017 23:46	56	3/4/2017 0:51	52
28/3/2017 3:31	53	29/3/2017 4:36	52	30/3/2017 5:41	52	31/3/2017 6:46	57	1/4/2017 23:51	55	3/4/2017 0:56	53
28/3/2017 3:36	53	29/3/2017 4:41	51	30/3/2017 5:46	51	31/3/2017 6:51	56	1/4/2017 23:56	56	3/4/2017 1:01	52
28/3/2017 3:41	55	29/3/2017 4:46	51	30/3/2017 5:51	52	31/3/2017 6:56	57	2/4/2017 0:01	56	3/4/2017 1:06	57
28/3/2017 3:46	55	29/3/2017 4:51	53	30/3/2017 5:56	52	31/3/2017 23:01	56	2/4/2017 0:06	56	3/4/2017 1:11	53
28/3/2017 3:51	53	29/3/2017 4:56	52	30/3/2017 6:01	52	31/3/2017 23:06	52	2/4/2017 0:11	55	3/4/2017 1:16	52
28/3/2017 3:56	52	29/3/2017 5:01	52	30/3/2017 6:06	54	31/3/2017 23:11	46	2/4/2017 0:16	55	3/4/2017 1:21	52
28/3/2017 4:01	53	29/3/2017 5:06	52	30/3/2017 6:11	54	31/3/2017 23:16	56	2/4/2017 0:21	56	3/4/20	

Real-time Noise Data		RTN2a (Hong Kong Electric Centre)									
3/4/2017 4:11	50	4/4/2017 5:16	53	5/4/2017 6:21	56	6/4/2017 23:26	55	8/4/2017 0:31	57	9/4/2017 1:36	55
3/4/2017 4:16	50	4/4/2017 5:21	52	5/4/2017 6:26	55	6/4/2017 23:31	55	8/4/2017 0:36	58	9/4/2017 1:41	55
3/4/2017 4:21	51	4/4/2017 5:26	53	5/4/2017 6:31	55	6/4/2017 23:36	55	8/4/2017 0:41	57	9/4/2017 1:46	55
3/4/2017 4:26	50	4/4/2017 5:31	53	5/4/2017 6:36	47	6/4/2017 23:41	54	8/4/2017 0:46	57	9/4/2017 1:51	55
3/4/2017 4:31	50	4/4/2017 5:36	52	5/4/2017 6:41	55	6/4/2017 23:46	55	8/4/2017 0:51	56	9/4/2017 1:56	54
3/4/2017 4:36	49	4/4/2017 5:41	53	5/4/2017 6:46	55	6/4/2017 23:51	54	8/4/2017 0:56	56	9/4/2017 2:01	54
3/4/2017 4:41	49	4/4/2017 5:46	55	5/4/2017 6:51	55	6/4/2017 23:56	54	8/4/2017 1:01	55	9/4/2017 2:06	54
3/4/2017 4:46	51	4/4/2017 5:51	52	5/4/2017 6:56	56	7/4/2017 0:01	55	8/4/2017 1:06	56	9/4/2017 2:11	54
3/4/2017 4:51	50	4/4/2017 5:56	54	5/4/2017 7:01	55	7/4/2017 0:06	55	8/4/2017 1:11	56	9/4/2017 2:16	54
3/4/2017 4:56	51	4/4/2017 6:01	53	5/4/2017 7:06	55	7/4/2017 0:11	56	8/4/2017 1:16	56	9/4/2017 2:21	54
3/4/2017 5:01	51	4/4/2017 6:06	53	5/4/2017 7:11	56	7/4/2017 0:16	58	8/4/2017 1:21	55	9/4/2017 2:26	53
3/4/2017 5:06	51	4/4/2017 6:11	54	5/4/2017 7:16	56	7/4/2017 0:21	54	8/4/2017 1:26	56	9/4/2017 2:31	54
3/4/2017 5:11	51	4/4/2017 6:16	55	5/4/2017 7:21	55	7/4/2017 0:26	54	8/4/2017 1:31	58	9/4/2017 2:36	54
3/4/2017 5:16	51	4/4/2017 6:21	53	5/4/2017 7:26	56	7/4/2017 0:31	55	8/4/2017 1:36	57	9/4/2017 2:41	54
3/4/2017 5:21	52	4/4/2017 6:26	54	5/4/2017 7:31	56	7/4/2017 0:36	55	8/4/2017 1:41	55	9/4/2017 2:46	54
3/4/2017 5:26	55	4/4/2017 6:31	54	5/4/2017 7:36	54	7/4/2017 0:41	54	8/4/2017 1:46	55	9/4/2017 2:51	54
3/4/2017 5:31	52	4/4/2017 6:36	54	5/4/2017 7:41	54	7/4/2017 0:46	53	8/4/2017 1:51	55	9/4/2017 2:56	54
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3/4/2017 5:41	52	4/4/2017 6:46	55	5/4/2017 7:51	54	7/4/2017 0:56	55	8/4/2017 2:01	56	9/4/2017 3:06	54
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3/4/2017 5:51	54	4/4/2017 6:56	56	6/4/2017 0:01	55	7/4/2017 1:06	53	8/4/2017 2:11	55	9/4/2017 3:16	55
3/4/2017 5:56	52	4/4/2017 7:01	55	6/4/2017 0:06	54	7/4/2017 1:11	53	8/4/2017 2:16	55	9/4/2017 3:21	54
3/4/2017 6:01	53	4/4/2017 7:06	54	6/4/2017 0:11	54	7/4/2017 1:16	54	8/4/2017 2:21	55	9/4/2017 3:26	54
3/4/2017 6:06	53	4/4/2017 7:11	54	6/4/2017 0:16	54	7/4/2017 1:21	54	8/4/2017 2:26	56	9/4/2017 3:31	54
3/4/2017 6:11	53	4/4/2017 7:16	56	6/4/2017 0:21	55	7/4/2017 1:26	53	8/4/2017 2:31	56	9/4/2017 3:36	55
3/4/2017 6:16	54	4/4/2017 7:21	55	6/4/2017 0:26	55	7/4/2017 1:31	53	8/4/2017 2:36	55	9/4/2017 3:41	53
3/4/2017 6:21	54	4/4/2017 7:26	54	6/4/2017 0:31	54	7/4/2017 1:36	53	8/4/2017 2:41	55	9/4/2017 3:46	53
3/4/2017 6:26	54	4/4/2017 7:31	54	6/4/2017 0:36	54	7/4/2017 1:41	53	8/4/2017 2:46	55	9/4/2017 3:51	54
3/4/2017 6:31	54	4/4/2017 7:36	55	6/4/2017 0:41	53	7/4/2017 1:46	52	8/4/2017 2:51	55	9/4/2017 3:56	54
3/4/2017 6:36	54	4/4/2017 7:41	54	6/4/2017 0:46	54	7/4/2017 1:51	53	8/4/2017 2:56	55	9/4/2017 4:01	54
3/4/2017 6:41	55	4/4/2017 7:46	54	6/4/2017 0:51	53	7/4/2017 1:56	53	8/4/2017 3:01	57	9/4/2017 4:06	54
3/4/2017 6:46	56	4/4/2017 7:51	54	6/4/2017 0:56	53	7/4/2017 2:01	52	8/4/2017 3:06	55	9/4/2017 4:11	54
3/4/2017 6:51	56	4/4/2017 7:56	54	6/4/2017 1:01	53	7/4/2017 2:06	52	8/4/2017 3:11	55	9/4/2017 4:16	54
3/4/2017 6:56	56	5/4/2017 0:01	56	6/4/2017 1:06	53	7/4/2017 2:11	52	8/4/2017 3:16	54	9/4/2017 4:21	54
3/4/2017 23:01	56	5/4/2017 0:06	55	6/4/2017 1:11	55	7/4/2017 2:16	53	8/4/2017 3:21	56	9/4/2017 4:26	54
3/4/2017 23:06	56	5/4/2017 0:11	55	6/4/2017 1:16	54	7/4/2017 2:21	52	8/4/2017 3:26	56	9/4/2017 4:31	53
3/4/2017 23:11	55	5/4/2017 0:16	54	6/4/2017 1:21	53	7/4/2017 2:26	52	8/4/2017 3:31	54	9/4/2017 4:36	53
3/4/2017 23:16	55	5/4/2017 0:21	56	6/4/2017 1:26	52	7/4/2017 2:31	52	8/4/2017 3:36	55	9/4/2017 4:41	54
3/4/2017 23:21	56	5/4/2017 0:26	55	6/4/2017 1:31	52	7/4/2017 2:36	53	8/4/2017 3:41	54	9/4/2017 4:46	55
3/4/2017 23:26	55	5/4/2017 0:31	55	6/4/2017 1:36	52	7/4/2017 2:41	52	8/4/2017 3:46	56	9/4/2017 4:51	55
3/4/2017 23:31	55	5/4/2017 0:36	54	6/4/2017 1:41	56	7/4/2017 2:46	52	8/4/2017 3:51	58	9/4/2017 4:56	54
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3/4/2017 23:41	56	5/4/2017 0:46	54	6/4/2017 1:51	52	7/4/2017 2:56	53	8/4/2017 4:01	54	9/4/2017 5:06	56
3/4/2017 23:46	56	5/4/2017 0:51	53	6/4/2017 1:56	52	7/4/2017 3:01	52	8/4/2017 4:06	54	9/4/2017 5:11	54
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3/4/2017 23:56	55	5/4/2017 1:01	54	6/4/2017 2:06	55	7/4/2017 3:11	52	8/4/2017 4:16	57	9/4/2017 5:21	54
4/4/2017 0:01	55	5/4/2017 1:06	53	6/4/2017 2:11	52	7/4/2017 3:16	52	8/4/2017 4:21	54	9/4/2017 5:26	54
4/4/2017 0:06	55	5/4/2017 1:11	54	6/4/2017 2:16	53	7/4/2017 3:21	52	8/4/2017 4:26	54	9/4/2017 5:31	55
4/4/2017 0:11	55	5/4/2017 1:16	53	6/4/2017 2:21	52	7/4/2017 3:26	52	8/4/2017 4:31	55	9/4/2017 5:36	55
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4/4/2017 0:21	55	5/4/2017 1:26	52	6/4/2017 2:31	52	7/4/2017 3:36	51	8/4/2017 4:41	55	9/4/2017 5:46	54
4/4/2017 0:26	55	5/4/2017 1:31	53	6/4/2017 2:36	53	7/4/2017 3:41	51	8/4/2017 4:46	55	9/4/2017 5:51	55
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4/4/2017 0:36	54	5/4/2017 1:41	52	6/4/2017 2:46	52	7/4/2017 3:51	54	8/4/2017 4:56	54	9/4/2017 6:01	56
4/4/2017 0:41	55	5/4/2017 1:46	53	6/4/2017 2:51	52	7/4/2017 3:56	54	8/4/2017 5:01	54	9/4/2017 6:06	55
4/4/2017 0:46	54	5/4/2017 1:51	54	6/4/2017 2:56	52	7/4/2017 4:01	56	8/4/2017 5:06	55	9/4/2017 6:11	55
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4/4/2017 1:01	54	5/4/2017 2:06	52	6/4/2017 3:11	51	7/4/2017 4:16	52	8/4/2017 5:21	54	9/4/2017 6:26	55
4/4/2017 1:06	53	5/4/2017 2:11	53	6/4/2017 3:16	52	7/4/2017 4:21	52	8/4/2017 5:26	57	9/4/2017 6:31	56
4/4/2017 1:11	54	5/4/2017 2:16	54	6/4/2017 3:21	52	7/4/2017 4:26	51	8/4/2017 5:31	56	9/4/2017 6:36	55
4/4/2017 1:16	54	5/4/2017 2:21	53	6/4/2017 3:26	52	7/4/2017 4:31	52	8/4/2017 5:36	56	9/4/2017 6:41	55
4/4/2017 1:21	54	5/4/2017 2:26	51	6/4/2017 3:31	52	7/4/2017 4:36	52	8/4/2017 5:41	55	9/4/2017 6:46	55
4/4/2017 1:26	54	5/4/2017 2:31	57	6/4/2017 3:36	51	7/4/2017 4:41	52	8/4/2017 5:46	55	9/4/2017 6:51	56
4/4/2017 1:31	54	5/4/2017 2:36	52	6/4/2017 3:41	50	7/4/2017 4:46	54	8/4/2017 5:51	55	9/4/2017 6:56	55
4/4/2017 1:36	53	5/4/2017 2:41	53	6/4/2017 3:46	51	7/4/2017 4:51	54	8/4/2017 5:56	54	9/4/2017 7:01	57
4/4/2017 1:41	55	5/4/2017 2:46	52	6/4/2017 3:51	51	7/4/2017 4:56	54	8/4/2017 6:01	55	9/4/2017 7:06	57
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4/4/2017 1:56	53	5/4/2017 3:01	52	6/4/2017 4:06	51	7/4/2017 5:11	53	8/4/2017 6:16	55	9/4/2017 7:21	56
4/4/2017 2:01	53	5/4/2017 3:06	52	6/4/2017 4:11	51	7/4/2017 5:16	53	8/4/2017 6:21	57	9/4/2017 7:26	57
4/4/2017 2:06	53	5/4/2017 3:11	58	6/4/2017 4:16	51	7/4/2017 5:21	53	8/4/2017 6:26	55	9/4/2017 7:31	57
4/4/2017 2:11	53	5/4/2017 3:16	52	6/4/2017 4:21	52	7/4/2017 5:26	52	8/4/2017 6:31	56	9/4/2017 7:36	57
4/4/2017 2:16	53	5/4/2017 3:21	52	6/4/2017 4:26	53	7/4/2017 5:31	53	8/4/2017 6:36	56	9/4/2017 7:41	57
4/4/2017 2:21	53	5/4/2017 3:26	54	6/4/2017 4:31	52	7/4/2017 5:36	53	8/4/2017 6:41	56	9/4/2017 7:46	57
4/4/2017 2:26	53	5/4/2017 3:31	51	6/4/2017 4:36	51	7/4/2017 5:41	53	8/4/2017 6:46	58	9/4/2017 7:51	57
4/4/2017 2:31	55	5/4/2017 3:36	52	6/4/2017 4:41	52	7/4/2017 5:46	53	8/4/2017 6:51	52	9/4/2017 7:56	57
4/4/2017 2:36	52	5/4/2017 3:41	52	6/4/2017 4:46	52	7/4/2017 5:51	53	8/4/2017 6:56	58	10/4/2017 0:01	56
4/4/2017 2:41	53	5/4/2017 3:46	54	6/4/2017 4:51	52	7/4/2017 5:56	53	8/4/2017 7:01	56	10/4/2017 0:06	57

Real-time Noise Data		RTN2a (Hong Kong Electric Centre)									
10/4/2017 2:41	55	11/4/2017 3:46	53	12/4/2017 4:51	55	13/4/2017 5:56	55	14/4/2017 23:01	47	16/4/2017 0:06	54
10/4/2017 2:46	55	11/4/2017 3:51	52	12/4/2017 4:56	55	13/4/2017 6:01	56	14/4/2017 23:06	57	16/4/2017 0:11	54
10/4/2017 2:51	55	11/4/2017 3:56	53	12/4/2017 5:01	55	13/4/2017 6:06	57	14/4/2017 23:11	58	16/4/2017 0:16	54
10/4/2017 2:56	55	11/4/2017 4:01	54	12/4/2017 5:06	55	13/4/2017 6:11	57	14/4/2017 23:16	57	16/4/2017 0:21	55
10/4/2017 3:01	55	11/4/2017 4:06	54	12/4/2017 5:11	56	13/4/2017 6:16	56	14/4/2017 23:21	57	16/4/2017 0:26	54
10/4/2017 3:06	55	11/4/2017 4:11	53	12/4/2017 5:16	56	13/4/2017 6:21	56	14/4/2017 23:26	57	16/4/2017 0:31	54
10/4/2017 3:11	55	11/4/2017 4:16	53	12/4/2017 5:21	56	13/4/2017 6:26	56	14/4/2017 23:31	45	16/4/2017 0:36	55
10/4/2017 3:16	56	11/4/2017 4:21	53	12/4/2017 5:26	56	13/4/2017 6:31	57	14/4/2017 23:36	58	16/4/2017 0:41	55
10/4/2017 3:21	55	11/4/2017 4:26	53	12/4/2017 5:31	56	13/4/2017 6:36	51	14/4/2017 23:41	58	16/4/2017 0:46	55
10/4/2017 3:26	54	11/4/2017 4:31	53	12/4/2017 5:36	55	13/4/2017 6:41	54	14/4/2017 23:46	57	16/4/2017 0:51	55
10/4/2017 3:31	56	11/4/2017 4:36	53	12/4/2017 5:41	56	13/4/2017 6:46	54	14/4/2017 23:51	58	16/4/2017 0:56	54
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10/4/2017 3:41	56	11/4/2017 4:46	54	12/4/2017 5:51	55	13/4/2017 6:56	50	15/4/2017 0:01	57	16/4/2017 1:06	56
10/4/2017 3:46	55	11/4/2017 4:51	54	12/4/2017 5:56	56	13/4/2017 7:01	54	15/4/2017 0:06	57	16/4/2017 1:11	55
10/4/2017 3:51	55	11/4/2017 4:56	54	12/4/2017 6:01	56	13/4/2017 7:06	57	15/4/2017 0:11	57	16/4/2017 1:16	55
10/4/2017 3:56	55	11/4/2017 5:01	55	12/4/2017 6:06	56	13/4/2017 7:11	54	15/4/2017 0:16	57	16/4/2017 1:21	54
10/4/2017 4:01	57	11/4/2017 5:06	54	12/4/2017 6:11	56	13/4/2017 7:16	57	15/4/2017 0:21	56	16/4/2017 1:26	54
10/4/2017 4:06	54	11/4/2017 5:11	54	12/4/2017 6:16	56	13/4/2017 7:21	55	15/4/2017 0:26	57	16/4/2017 1:31	53
10/4/2017 4:11	55	11/4/2017 5:16	55	12/4/2017 6:21	56	13/4/2017 7:26	54	15/4/2017 0:31	56	16/4/2017 1:36	54
10/4/2017 4:16	54	11/4/2017 5:21	54	12/4/2017 6:26	57	13/4/2017 7:31	53	15/4/2017 0:36	56	16/4/2017 1:41	55
10/4/2017 4:21	56	11/4/2017 5:26	55	12/4/2017 6:31	58	13/4/2017 7:36	55	15/4/2017 0:41	57	16/4/2017 1:46	53
10/4/2017 4:26	55	11/4/2017 5:31	55	12/4/2017 6:36	53	13/4/2017 7:41	48	15/4/2017 0:46	57	16/4/2017 1:51	53
10/4/2017 4:31	55	11/4/2017 5:36	54	12/4/2017 6:41	52	13/4/2017 7:46	48	15/4/2017 0:51	56	16/4/2017 1:56	55
10/4/2017 4:36	55	11/4/2017 5:41	54	12/4/2017 6:46	58	13/4/2017 7:51	57	15/4/2017 0:56	57	16/4/2017 2:01	54
10/4/2017 4:41	54	11/4/2017 5:46	53	12/4/2017 6:51	58	13/4/2017 7:56	58	15/4/2017 1:01	57	16/4/2017 2:06	54
10/4/2017 4:46	56	11/4/2017 5:51	54	12/4/2017 6:56	58	14/4/2017 8:01	56	15/4/2017 1:06	56	16/4/2017 2:11	54
10/4/2017 4:51	55	11/4/2017 5:56	55	12/4/2017 7:01	39	14/4/2017 8:06	57	15/4/2017 1:11	57	16/4/2017 2:16	54
10/4/2017 4:56	56	11/4/2017 6:01	55	12/4/2017 7:06	57	14/4/2017 8:11	57	15/4/2017 1:16	57	16/4/2017 2:21	53
10/4/2017 5:01	55	11/4/2017 6:06	56	12/4/2017 7:11	43	14/4/2017 8:16	35	15/4/2017 1:21	57	16/4/2017 2:26	53
10/4/2017 5:06	56	11/4/2017 6:11	56	12/4/2017 7:16	57	14/4/2017 8:21	54	15/4/2017 1:26	56	16/4/2017 2:31	53
10/4/2017 5:11	56	11/4/2017 6:16	55	12/4/2017 7:21	57	14/4/2017 8:26	58	15/4/2017 1:31	57	16/4/2017 2:36	53
10/4/2017 5:16	56	11/4/2017 6:21	56	12/4/2017 7:26	58	14/4/2017 8:31	57	15/4/2017 1:36	57	16/4/2017 2:41	54
10/4/2017 5:21	55	11/4/2017 6:26	56	12/4/2017 7:31	57	14/4/2017 8:36	57	15/4/2017 1:41	57	16/4/2017 2:46	53
10/4/2017 5:26	55	11/4/2017 6:31	55	12/4/2017 7:36	57	14/4/2017 8:41	56	15/4/2017 1:46	57	16/4/2017 2:51	53
10/4/2017 5:31	55	11/4/2017 6:36	56	12/4/2017 7:41	57	14/4/2017 8:46	56	15/4/2017 1:51	57	16/4/2017 2:56	52
10/4/2017 5:36	55	11/4/2017 6:41	56	12/4/2017 7:46	57	14/4/2017 8:51	56	15/4/2017 1:56	58	16/4/2017 3:01	53
10/4/2017 5:41	55	11/4/2017 6:46	56	12/4/2017 7:51	57	14/4/2017 8:56	52	15/4/2017 2:01	56	16/4/2017 3:06	53
10/4/2017 5:46	57	11/4/2017 6:51	56	12/4/2017 7:56	57	14/4/2017 9:01	58	15/4/2017 2:06	55	16/4/2017 3:11	53
10/4/2017 5:51	57	11/4/2017 6:56	56	13/4/2017 8:01	57	14/4/2017 9:06	56	15/4/2017 2:11	55	16/4/2017 3:16	53
10/4/2017 5:56	57	11/4/2017 7:01	45	13/4/2017 8:06	57	14/4/2017 9:11	56	15/4/2017 2:16	56	16/4/2017 3:21	52
10/4/2017 6:01	57	11/4/2017 7:06	58	13/4/2017 8:11	57	14/4/2017 9:16	57	15/4/2017 2:21	56	16/4/2017 3:26	53
10/4/2017 6:06	56	11/4/2017 7:11	57	13/4/2017 8:16	57	14/4/2017 9:21	51	15/4/2017 2:26	56	16/4/2017 3:31	53
10/4/2017 6:11	56	11/4/2017 7:16	58	13/4/2017 8:21	57	14/4/2017 9:26	57	15/4/2017 2:31	56	16/4/2017 3:36	53
10/4/2017 6:16	56	11/4/2017 7:21	57	13/4/2017 8:26	57	14/4/2017 9:31	57	15/4/2017 2:36	56	16/4/2017 3:41	53
10/4/2017 6:21	57	11/4/2017 7:26	57	13/4/2017 8:31	57	14/4/2017 9:36	56	15/4/2017 2:41	56	16/4/2017 3:46	52
10/4/2017 6:26	57	11/4/2017 7:31	57	13/4/2017 8:36	57	14/4/2017 9:41	56	15/4/2017 2:46	56	16/4/2017 3:51	53
10/4/2017 6:31	57	11/4/2017 7:36	57	13/4/2017 8:41	56	14/4/2017 9:46	56	15/4/2017 2:51	56	16/4/2017 3:56	54
10/4/2017 6:36	47	11/4/2017 7:41	57	13/4/2017 8:46	58	14/4/2017 9:51	57	15/4/2017 2:56	56	16/4/2017 4:01	53
10/4/2017 6:41	57	11/4/2017 7:46	57	13/4/2017 8:51	57	14/4/2017 9:56	51	15/4/2017 3:01	56	16/4/2017 4:06	53
10/4/2017 6:46	57	11/4/2017 7:51	58	13/4/2017 8:56	57	14/4/2017 10:01	49	15/4/2017 3:06	55	16/4/2017 4:11	52
10/4/2017 6:51	57	11/4/2017 7:56	57	13/4/2017 9:01	58	14/4/2017 10:06	56	15/4/2017 3:11	56	16/4/2017 4:16	53
10/4/2017 6:56	45	12/4/2017 9:01	57	13/4/2017 9:06	58	14/4/2017 10:11	57	15/4/2017 3:16	56	16/4/2017 4:21	53
10/4/2017 7:01	56	12/4/2017 9:06	58	13/4/2017 9:11	57	14/4/2017 10:16	56	15/4/2017 3:21	56	16/4/2017 4:26	53
10/4/2017 7:06	57	12/4/2017 9:11	57	13/4/2017 9:16	56	14/4/2017 10:21	56	15/4/2017 3:26	56	16/4/2017 4:31	52
10/4/2017 7:11	56	12/4/2017 9:16	57	13/4/2017 9:21	56	14/4/2017 10:26	56	15/4/2017 3:31	55	16/4/2017 4:36	52
10/4/2017 7:16	57	12/4/2017 9:21	56	13/4/2017 9:26	57	14/4/2017 10:31	56	15/4/2017 3:36	55	16/4/2017 4:41	51
10/4/2017 7:21	57	12/4/2017 9:26	56	13/4/2017 9:31	57	14/4/2017 10:36	56	15/4/2017 3:41	57	16/4/2017 4:46	52
10/4/2017 7:26	56	12/4/2017 9:31	58	13/4/2017 9:36	57	14/4/2017 10:41	56	15/4/2017 3:46	56	16/4/2017 4:51	52
10/4/2017 7:31	56	12/4/2017 9:36	56	13/4/2017 9:41	57	14/4/2017 10:46	56	15/4/2017 3:51	56	16/4/2017 4:56	52
10/4/2017 7:36	57	12/4/2017 9:41	56	13/4/2017 9:46	57	14/4/2017 10:51	56	15/4/2017 3:56	55	16/4/2017 5:01	54
10/4/2017 7:41	57	12/4/2017 9:46	57	13/4/2017 9:51	56	14/4/2017 10:56	56	15/4/2017 4:01	55	16/4/2017 5:06	53
10/4/2017 7:46	57	12/4/2017 9:51	56	13/4/2017 9:56	56	14/4/2017 11:01	57	15/4/2017 4:06	55	16/4/2017 5:11	53
10/4/2017 7:51	57	12/4/2017 9:56	56	13/4/2017 10:01	56	14/4/2017 11:06	56	15/4/2017 4:11	56	16/4/2017 5:16	53
10/4/2017 7:56	56	12/4/2017 1:01	56	13/4/2017 10:06	56	14/4/2017 11:11	56	15/4/2017 4:16	58	16/4/2017 5:21	53
11/4/2017 0:01	56	12/4/2017 1:06	57	13/4/2017 10:11	56	14/4/2017 11:16	56	15/4/2017 4:21	57	16/4/2017 5:26	52
11/4/2017 0:06	55	12/4/2017 1:11	58	13/4/2017 10:16	56	14/4/2017 11:21	56	15/4/2017 4:26	56	16/4/2017 5:31	52
11/4/2017 0:11	55	12/4/2017 1:16	56	13/4/2017 10:21	56	14/4/2017 11:26	56	15/4/2017 4:31	56	16/4/2017 5:36	52
11/4/2017 0:16	56	12/4/2017 1:21	57	13/4/2017 10:26	56	14/4/2017 11:31	56	15/4/2017 4:36	57	16/4/2017 5:41	53
11/4/2017 0:21	56	12/4/2017 1:26	57	13/4/2017 10:31	56	14/4/2017 11:36	56	15/4/2017 4:41	56	16/4/2017 5:46	53
11/4/2017 0:26	56	12/4/2017 1:31	57	13/4/2017 10:36	57	14/4/2017 11:41	56	15/4/2017 4:46	56	16/4/2017 5:51	53
11/4/2017 0:31	56	12/4/2017 1:36	57	13/4/2017 10:41	56	14/4/2017 11:46	57	15/4/2017 4:51	56	16/4/2017 5:56	56
11/4/2017 0:36	56	12/4/2017 1:41	55	13/4/2017 10:46	56	14/4/2017 11:51	57	15/4/2017 4:56	56	16/4/2017 6:01	53
11/4/2017 0:41	55	12/4/2017 1:46	56	13/4/2017 10:51	56	14/4/2017 11:56	58	15/4/2017 5:01	56	16/4/2017 6:06	55
11/4/2017 0:46	57	12/4/2017 1:51	56	13/4/2017 10:56	56	14/4/2017 12:01	57	15/4/2017 5:06	57	16/4/2017 6:11	56
11/4/2017 0:51	56	12/4/2017 1:56	55	13/4/2017 11:01	56	14/4/2017 12:06	57	15/4/2017 5:11	56	16/4/2017 6:16	54
11/4/2017 0:56	55	12/4/2017 2:01	55	13/4/2017 11:06	56	14/4/2017 12:11	56	15/4/2017 5:16	55	16/4/2017 6:21</	

Real-time Noise Data		RTN2a (Hong Kong Electric Centre)			
23/4/2017 23:41	55	25/4/2017 0:46	54	26/4/2017 1:51	53
23/4/2017 23:46	55	25/4/2017 0:51	54	26/4/2017 1:56	52
23/4/2017 23:51	55	25/4/2017 0:56	54	26/4/2017 2:01	57
23/4/2017 23:56	54	25/4/2017 1:01	54	26/4/2017 2:06	53
24/4/2017 0:01	54	25/4/2017 1:06	53	26/4/2017 2:11	52
24/4/2017 0:06	54	25/4/2017 1:11	53	26/4/2017 2:16	52
24/4/2017 0:11	55	25/4/2017 1:16	53	26/4/2017 2:21	53
24/4/2017 0:16	54	25/4/2017 1:21	53	26/4/2017 2:26	52
24/4/2017 0:21	54	25/4/2017 1:26	53	26/4/2017 2:31	52
24/4/2017 0:26	53	25/4/2017 1:31	53	26/4/2017 2:36	52
24/4/2017 0:31	54	25/4/2017 1:36	53	26/4/2017 2:41	52
24/4/2017 0:36	53	25/4/2017 1:41	53	26/4/2017 2:46	52
24/4/2017 0:41	53	25/4/2017 1:46	53	26/4/2017 2:51	53
24/4/2017 0:46	55	25/4/2017 1:51	52	26/4/2017 2:56	53
24/4/2017 0:51	53	25/4/2017 1:56	52	26/4/2017 3:01	53
24/4/2017 0:56	52	25/4/2017 2:01	53	26/4/2017 3:06	52
24/4/2017 1:01	53	25/4/2017 2:06	53	26/4/2017 3:11	53
24/4/2017 1:06	53	25/4/2017 2:11	52	26/4/2017 3:16	53
24/4/2017 1:11	53	25/4/2017 2:16	52	26/4/2017 3:21	52
24/4/2017 1:16	53	25/4/2017 2:21	53	26/4/2017 3:26	52
24/4/2017 1:21	53	25/4/2017 2:26	52	26/4/2017 3:31	52
24/4/2017 1:26	52	25/4/2017 2:31	52	26/4/2017 3:36	51
24/4/2017 1:31	52	25/4/2017 2:36	51	26/4/2017 3:41	52
24/4/2017 1:36	52	25/4/2017 2:41	52	26/4/2017 3:46	52
24/4/2017 1:41	52	25/4/2017 2:46	52	26/4/2017 3:51	52
24/4/2017 1:46	52	25/4/2017 2:51	52	26/4/2017 3:56	53
24/4/2017 1:51	52	25/4/2017 2:56	52	26/4/2017 4:01	52
24/4/2017 1:56	52	25/4/2017 3:01	52	26/4/2017 4:06	51
24/4/2017 2:01	52	25/4/2017 3:06	51	26/4/2017 4:11	52
24/4/2017 2:06	52	25/4/2017 3:11	52	26/4/2017 4:16	52
24/4/2017 2:11	52	25/4/2017 3:16	52	26/4/2017 4:21	52
24/4/2017 2:16	52	25/4/2017 3:21	51	26/4/2017 4:26	53
24/4/2017 2:21	52	25/4/2017 3:26	51	26/4/2017 4:31	52
24/4/2017 2:26	52	25/4/2017 3:31	53	26/4/2017 4:36	52
24/4/2017 2:31	51	25/4/2017 3:36	52	26/4/2017 4:41	52
24/4/2017 2:36	52	25/4/2017 3:41	52	26/4/2017 4:46	52
24/4/2017 2:41	51	25/4/2017 3:46	52	26/4/2017 4:51	52
24/4/2017 2:46	51	25/4/2017 3:51	52	26/4/2017 4:56	52
24/4/2017 2:51	52	25/4/2017 3:56	51	26/4/2017 5:01	53
24/4/2017 2:56	52	25/4/2017 4:01	51	26/4/2017 5:06	53
24/4/2017 3:01	51	25/4/2017 4:06	52	26/4/2017 5:11	53
24/4/2017 3:06	51	25/4/2017 4:11	51	26/4/2017 5:16	53
24/4/2017 3:11	50	25/4/2017 4:16	51	26/4/2017 5:21	53
24/4/2017 3:16	51	25/4/2017 4:21	53	26/4/2017 5:26	56
24/4/2017 3:21	50	25/4/2017 4:26	52	26/4/2017 5:31	47
24/4/2017 3:26	51	25/4/2017 4:31	52	26/4/2017 5:36	55
24/4/2017 3:31	50	25/4/2017 4:36	51	26/4/2017 5:41	53
24/4/2017 3:36	51	25/4/2017 4:41	51	26/4/2017 5:46	53
24/4/2017 3:41	51	25/4/2017 4:46	52	26/4/2017 5:51	54
24/4/2017 3:46	52	25/4/2017 4:51	52	26/4/2017 5:56	53
24/4/2017 3:51	51	25/4/2017 4:56	52	26/4/2017 6:01	38
24/4/2017 3:56	51	25/4/2017 5:01	52	26/4/2017 6:06	57
24/4/2017 4:01	50	25/4/2017 5:06	52	26/4/2017 6:11	54
24/4/2017 4:06	50	25/4/2017 5:11	52	26/4/2017 6:16	54
24/4/2017 4:11	51	25/4/2017 5:16	52	26/4/2017 6:21	55
24/4/2017 4:16	53	25/4/2017 5:21	51	26/4/2017 6:26	54
24/4/2017 4:21	51	25/4/2017 5:26	52	26/4/2017 6:31	55
24/4/2017 4:26	51	25/4/2017 5:31	52	26/4/2017 6:36	55
24/4/2017 4:31	51	25/4/2017 5:36	53	26/4/2017 6:41	55
24/4/2017 4:36	50	25/4/2017 5:41	55	26/4/2017 6:46	56
24/4/2017 4:41	51	25/4/2017 5:46	53	26/4/2017 6:51	56
24/4/2017 4:46	51	25/4/2017 5:51	60	26/4/2017 6:56	56
24/4/2017 4:51	52	25/4/2017 5:56	53	26/4/2017 23:01	56
24/4/2017 4:56	52	25/4/2017 6:01	53	26/4/2017 23:06	58
24/4/2017 5:01	52	25/4/2017 6:06	57	26/4/2017 23:11	53
24/4/2017 5:06	52	25/4/2017 6:11	53	26/4/2017 23:16	58
24/4/2017 5:11	55	25/4/2017 6:16	55	26/4/2017 23:21	57
24/4/2017 5:16	52	25/4/2017 6:21	54	26/4/2017 23:26	56
24/4/2017 5:21	52	25/4/2017 6:26	54	26/4/2017 23:31	56
24/4/2017 5:26	53	25/4/2017 6:31	54	26/4/2017 23:36	57
24/4/2017 5:31	52	25/4/2017 6:36	55	26/4/2017 23:41	56
24/4/2017 5:36	53	25/4/2017 6:41	55	26/4/2017 23:46	56
24/4/2017 5:41	54	25/4/2017 6:46	56	26/4/2017 23:51	56
24/4/2017 5:46	54	25/4/2017 6:51	58	26/4/2017 23:56	56
24/4/2017 5:51	53	25/4/2017 6:56	57		
24/4/2017 5:56	52	25/4/2017 23:01	56		
24/4/2017 6:01	54	25/4/2017 23:06	56		
24/4/2017 6:06	55	25/4/2017 23:11	56		
24/4/2017 6:11	55	25/4/2017 23:16	55		
24/4/2017 6:16	55	25/4/2017 23:21	55		
24/4/2017 6:21	55	25/4/2017 23:26	55		
24/4/2017 6:26	55	25/4/2017 23:31	55		
24/4/2017 6:31	55	25/4/2017 23:36	54		
24/4/2017 6:36	55	25/4/2017 23:41	55		
24/4/2017 6:41	55	25/4/2017 23:46	55		
24/4/2017 6:46	55	25/4/2017 23:51	56		
24/4/2017 6:51	55	25/4/2017 23:56	55		
24/4/2017 6:56	56	26/4/2017 0:01	55		
24/4/2017 23:01	57	26/4/2017 0:06	56		
24/4/2017 23:06	56	26/4/2017 0:11	54		
24/4/2017 23:11	56	26/4/2017 0:16	55		
24/4/2017 23:16	55	26/4/2017 0:21	55		
24/4/2017 23:21	55	26/4/2017 0:26	55		
24/4/2017 23:26	55	26/4/2017 0:31	54		
24/4/2017 23:31	55	26/4/2017 0:36	54		
24/4/2017 23:36	56	26/4/2017 0:41	55		
24/4/2017 23:41	55	26/4/2017 0:46	54		
24/4/2017 23:46	55	26/4/2017 0:51	54		
24/4/2017 23:51	55	26/4/2017 0:56	57		
24/4/2017 23:56	54	26/4/2017 1:01	54		
25/4/2017 0:01	55	26/4/2017 1:06	56		
25/4/2017 0:06	55	26/4/2017 1:11	54		
25/4/2017 0:11	55	26/4/2017 1:16	53		
25/4/2017 0:16	55	26/4/2017 1:21	54		
25/4/2017 0:21	55	26/4/2017 1:26	54		
25/4/2017 0:26	56	26/4/2017 1:31	54		
25/4/2017 0:31	55	26/4/2017 1:36	53		
25/4/2017 0:36	55	26/4/2017 1:41	54		
25/4/2017 0:41	53	26/4/2017 1:46	54		

Real-time Noise Data		RTN3 (Po Leung Kuk Yu Lee Mo Fan Memorial School)				
Normal Day 07:00-19:00		31/3/2017 13:01 67	7/4/2017 7:31 67	12/4/2017 14:01 68	21/4/2017 8:31 66	26/4/2017 15:01 67
27/3/2017 7:01 66	31/3/2017 13:31 69	7/4/2017 8:01 66	12/4/2017 14:31 69	21/4/2017 9:01 66	26/4/2017 15:31 67	
27/3/2017 7:31 65	31/3/2017 14:01 66	7/4/2017 8:31 66	12/4/2017 15:01 68	21/4/2017 9:31 66	26/4/2017 16:01 67	
27/3/2017 8:01 64	31/3/2017 14:31 67	7/4/2017 9:01 66	12/4/2017 15:31 66	21/4/2017 10:01 67	26/4/2017 16:31 68	
27/3/2017 8:31 64	31/3/2017 15:01 65	7/4/2017 9:31 66	12/4/2017 16:01 68	21/4/2017 10:31 68	26/4/2017 17:01 67	
27/3/2017 9:01 66	31/3/2017 15:31 65	7/4/2017 10:01 65	12/4/2017 16:31 55	21/4/2017 11:01 67	26/4/2017 17:31 67	
27/3/2017 9:31 67	31/3/2017 16:01 66	7/4/2017 10:31 66	12/4/2017 17:01 69	21/4/2017 11:31 67	26/4/2017 18:01 67	
27/3/2017 10:01 68	31/3/2017 16:31 67	7/4/2017 11:01 66	12/4/2017 17:31 67	21/4/2017 12:01 66	26/4/2017 18:31 67	
27/3/2017 10:31 67	31/3/2017 17:01 66	7/4/2017 11:31 67	12/4/2017 18:01 67	21/4/2017 12:31 67		
27/3/2017 11:01 67	31/3/2017 17:31 68	7/4/2017 12:01 64	12/4/2017 18:31 66	21/4/2017 13:01 68		
27/3/2017 11:31 67	31/3/2017 18:01 67	7/4/2017 12:31 63	13/4/2017 7:01 67	21/4/2017 13:31 67		
27/3/2017 12:01 67	31/3/2017 18:31 66	7/4/2017 13:01 66	13/4/2017 7:31 67	21/4/2017 14:01 67		
27/3/2017 12:31 67	1/4/2017 7:01 66	7/4/2017 13:31 67	13/4/2017 8:01 68	21/4/2017 14:31 66		
27/3/2017 13:01 67	1/4/2017 7:31 67	7/4/2017 14:01 66	13/4/2017 8:31 65	21/4/2017 15:01 67		
27/3/2017 13:31 68	1/4/2017 8:01 67	7/4/2017 14:31 65	13/4/2017 9:01 67	21/4/2017 15:31 65		
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27/3/2017 17:01 67	1/4/2017 11:31 65	7/4/2017 18:01 66	13/4/2017 12:31 67	22/4/2017 7:01 66		
27/3/2017 17:31 66	1/4/2017 12:01 65	7/4/2017 18:31 66	13/4/2017 13:01 67	22/4/2017 7:31 66		
27/3/2017 18:01 66	1/4/2017 12:31 66	8/4/2017 7:01 66	13/4/2017 13:31 68	22/4/2017 8:01 67		
27/3/2017 18:31 66	1/4/2017 13:01 67	8/4/2017 7:31 69	13/4/2017 14:01 68	22/4/2017 8:31 67		
28/3/2017 7:01 66	1/4/2017 13:31 68	8/4/2017 8:01 67	13/4/2017 14:31 68	22/4/2017 9:01 68		
28/3/2017 7:31 66	1/4/2017 14:01 66	8/4/2017 8:31 68	13/4/2017 15:01 67	22/4/2017 9:31 67		
28/3/2017 8:01 66	1/4/2017 14:31 66	8/4/2017 9:01 68	13/4/2017 15:31 67	22/4/2017 10:01 68		
28/3/2017 8:31 66	1/4/2017 15:01 68	8/4/2017 9:31 67	13/4/2017 16:01 68	22/4/2017 10:31 68		
28/3/2017 9:01 66	1/4/2017 15:31 66	8/4/2017 10:01 68	13/4/2017 16:31 67	22/4/2017 11:01 67		
28/3/2017 9:31 65	1/4/2017 16:01 67	8/4/2017 10:31 66	13/4/2017 17:01 67	22/4/2017 11:31 66		
28/3/2017 10:01 65	1/4/2017 16:31 67	8/4/2017 11:01 65	13/4/2017 17:31 67	22/4/2017 12:01 66		
28/3/2017 10:31 66	1/4/2017 17:01 67	8/4/2017 11:31 64	13/4/2017 18:01 66	22/4/2017 12:31 68		
28/3/2017 11:01 66	1/4/2017 17:31 66	8/4/2017 12:01 66	13/4/2017 18:31 64	22/4/2017 13:01 68		
28/3/2017 11:31 66	1/4/2017 18:01 66	8/4/2017 12:31 68	13/4/2017 19:01 66	22/4/2017 13:31 66		
28/3/2017 12:01 66	1/4/2017 18:31 66	8/4/2017 13:01 68	18/4/2017 7:31 67	22/4/2017 14:01 65		
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28/3/2017 16:01 67	3/4/2017 10:31 67	8/4/2017 17:01 66	18/4/2017 11:31 66	22/4/2017 18:01 67		
28/3/2017 16:31 67	3/4/2017 11:01 67	8/4/2017 17:31 67	18/4/2017 12:01 66	22/4/2017 18:31 66		
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29/3/2017 9:01 66	3/4/2017 15:31 65	10/4/2017 10:01 67	18/4/2017 16:31 67	24/4/2017 11:01 68		
29/3/2017 9:31 66	3/4/2017 16:01 66	10/4/2017 10:31 66	18/4/2017 17:01 66	24/4/2017 11:31 67		
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29/3/2017 11:01 66	3/4/2017 17:31 67	10/4/2017 12:01 66	18/4/2017 18:31 66	24/4/2017 13:01 68		
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29/3/2017 14:31 68	5/4/2017 9:01 66	10/4/2017 15:31 66	19/4/2017 10:01 67	24/4/2017 16:31 67		
29/3/2017 15:01 67	5/4/2017 9:31 67	10/4/2017 16:01 66	19/4/2017 10:31 67	24/4/2017 17:01 67		
29/3/2017 15:31 67	5/4/2017 10:01 67	10/4/2017 16:31 67	19/4/2017 11:01 67	24/4/2017 17:31 67		
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29/3/2017 18:01 67	5/4/2017 12:31 66	11/4/2017 7:01 66	19/4/2017 13:31 67	25/4/2017 8:01 65		
29/3/2017 18:31 63	5/4/2017 13:01 67	11/4/2017 7:31 66	19/4/2017 14:01 66	25/4/2017 8:31 65		
30/3/2017 7:01 66	5/4/2017 13:31 67	11/4/2017 8:01 65	19/4/2017 14:31 66	25/4/2017 9:01 66		
30/3/2017 7:31 66	5/4/2017 14:01 67	11/4/2017 8:31 65	19/4/2017 15:01 66	25/4/2017 9:31 67		
30/3/2017 8:01 65	5/4/2017 14:31 67	11/4/2017 9:01 66	19/4/2017 15:31 67	25/4/2017 10:01 68		
30/3/2017 8:31 65	5/4/2017 15:01 67	11/4/2017 9:31 66	19/4/2017 16:01 67	25/4/2017 10:31 68		
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30/3/2017 9:31 66	5/4/2017 16:01 67	11/4/2017 10:31 66	19/4/2017 17:01 66	25/4/2017 11:31 67		
30/3/2017 10:01 66	5/4/2017 16:31 67	11/4/2017 11:01 66	19/4/2017 17:31 66	25/4/2017 12:01 66		
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30/3/2017 12:01 66	5/4/2017 18:31 66	11/4/2017 13:01 66	20/4/2017 7:31 67	25/4/2017 14:01 67		
30/3/2017 12:31 67	6/4/2017 7:01 66	11/4/2017 13:31 67	20/4/2017 8:01 67	25/4/2017 14:31 65		
30/3/2017 13:01 67	6/4/2017 7:31 66	11/4/2017 14:01 67	20/4/2017 8:31 66	25/4/2017 15:01 66		
30/3/2017 13:31 68	6/4/2017 8:01 66	11/4/2017 14:31 67	20/4/2017 9:01 66	25/4/2017 15:31 65		
30/3/2017 14:01 67	6/4/2017 8:31 68	11/4/2017 15:01 67	20/4/2017 9:31 67	25/4/2017 16:01 66		
30/3/2017 14:31 67	6/4/2017 9:01 67	11/4/2017 15:31 66	20/4/2017 10:01 67	25/4/2017 16:31 66		
30/3/2017 15:01 66	6/4/2017 9:31 67	11/4/2017 16:01 67	20/4/2017 10:31 67	25/4/2017 17:01 66		
30/3/2017 15:31 64	6/4/2017 10:01 67	11/4				

Real-time Noise Data RTN3 (Po Leung Kuk Yu Lee Mo Fan Memorial School)

29/3/2017 19:01	63	31/3/2017 20:06	66	2/4/2017 9:11	66	2/4/2017 18:16	66	4/4/2017 7:21	64	4/4/2017 16:26	66
29/3/2017 19:06	63	31/3/2017 20:11	66	2/4/2017 9:16	66	2/4/2017 18:21	66	4/4/2017 7:26	64	4/4/2017 16:31	65
29/3/2017 19:11	65	31/3/2017 20:16	66	2/4/2017 9:21	66	2/4/2017 18:26	66	4/4/2017 7:31	64	4/4/2017 16:36	65
29/3/2017 19:16	66	31/3/2017 20:21	53	2/4/2017 9:26	66	2/4/2017 18:31	66	4/4/2017 7:36	64	4/4/2017 16:41	66
29/3/2017 19:21	66	31/3/2017 20:26	64	2/4/2017 9:31	66	2/4/2017 18:36	66	4/4/2017 7:41	65	4/4/2017 16:46	66
29/3/2017 19:26	66	31/3/2017 20:31	66	2/4/2017 9:36	66	2/4/2017 18:41	66	4/4/2017 7:46	65	4/4/2017 16:51	66
29/3/2017 19:31	65	31/3/2017 20:36	58	2/4/2017 9:41	66	2/4/2017 18:46	66	4/4/2017 7:51	64	4/4/2017 16:56	66
29/3/2017 19:36	66	31/3/2017 20:41	66	2/4/2017 9:46	66	2/4/2017 18:51	65	4/4/2017 7:56	66	4/4/2017 17:01	54
29/3/2017 19:41	66	31/3/2017 20:46	57	2/4/2017 9:51	58	2/4/2017 18:56	66	4/4/2017 8:01	65	4/4/2017 17:06	66
29/3/2017 19:46	66	31/3/2017 20:51	66	2/4/2017 9:56	66	2/4/2017 19:01	66	4/4/2017 8:06	64	4/4/2017 17:11	65
29/3/2017 19:51	56	31/3/2017 20:56	40	2/4/2017 10:01	65	2/4/2017 19:06	65	4/4/2017 8:11	65	4/4/2017 17:16	65
29/3/2017 19:56	66	31/3/2017 21:01	46	2/4/2017 10:06	65	2/4/2017 19:11	65	4/4/2017 8:16	66	4/4/2017 17:21	66
29/3/2017 20:01	66	31/3/2017 21:06	66	2/4/2017 10:11	66	2/4/2017 19:16	65	4/4/2017 8:21	64	4/4/2017 17:26	66
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29/3/2017 20:11	66	31/3/2017 21:16	66	2/4/2017 10:21	65	2/4/2017 19:26	65	4/4/2017 8:31	65	4/4/2017 17:36	66
29/3/2017 20:16	66	31/3/2017 21:21	66	2/4/2017 10:26	66	2/4/2017 19:31	66	4/4/2017 8:36	66	4/4/2017 17:41	66
29/3/2017 20:21	61	31/3/2017 21:26	66	2/4/2017 10:31	66	2/4/2017 19:36	65	4/4/2017 8:41	65	4/4/2017 17:46	65
29/3/2017 20:26	65	31/3/2017 21:31	66	2/4/2017 10:36	66	2/4/2017 19:41	65	4/4/2017 8:46	66	4/4/2017 17:51	66
29/3/2017 20:31	65	31/3/2017 21:36	66	2/4/2017 10:41	66	2/4/2017 19:46	49	4/4/2017 8:51	65	4/4/2017 17:56	66
29/3/2017 20:36	65	31/3/2017 21:41	66	2/4/2017 10:46	66	2/4/2017 19:51	65	4/4/2017 8:56	65	4/4/2017 18:01	65
29/3/2017 20:41	65	31/3/2017 21:46	56	2/4/2017 10:51	66	2/4/2017 19:56	65	4/4/2017 9:01	65	4/4/2017 18:06	66
29/3/2017 20:46	65	31/3/2017 21:51	52	2/4/2017 10:56	66	2/4/2017 20:01	65	4/4/2017 9:06	65	4/4/2017 18:11	65
29/3/2017 20:51	65	31/3/2017 21:56	66	2/4/2017 11:01	66	2/4/2017 20:06	65	4/4/2017 9:11	66	4/4/2017 18:16	66
29/3/2017 20:56	65	31/3/2017 22:01	60	2/4/2017 11:06	66	2/4/2017 20:11	65	4/4/2017 9:16	65	4/4/2017 18:21	65
29/3/2017 21:01	65	31/3/2017 22:06	66	2/4/2017 11:11	66	2/4/2017 20:16	65	4/4/2017 9:21	65	4/4/2017 18:26	66
29/3/2017 21:06	65	31/3/2017 22:11	58	2/4/2017 11:16	66	2/4/2017 20:21	65	4/4/2017 9:26	66	4/4/2017 18:31	66
29/3/2017 21:11	66	31/3/2017 22:16	66	2/4/2017 11:21	66	2/4/2017 20:26	65	4/4/2017 9:31	65	4/4/2017 18:36	65
29/3/2017 21:16	65	31/3/2017 22:21	66	2/4/2017 11:26	66	2/4/2017 20:31	65	4/4/2017 9:36	65	4/4/2017 18:41	66
29/3/2017 21:21	65	31/3/2017 22:26	59	2/4/2017 11:31	66	2/4/2017 20:36	65	4/4/2017 9:41	58	4/4/2017 18:46	66
29/3/2017 21:26	65	31/3/2017 22:31	66	2/4/2017 11:36	66	2/4/2017 20:41	65	4/4/2017 9:46	66	4/4/2017 18:51	66
29/3/2017 21:31	65	31/3/2017 22:36	66	2/4/2017 11:41	66	2/4/2017 20:46	64	4/4/2017 9:51	65	4/4/2017 18:56	65
29/3/2017 21:36	64	31/3/2017 22:41	66	2/4/2017 11:46	52	2/4/2017 20:51	65	4/4/2017 9:56	66	4/4/2017 19:01	65
29/3/2017 21:41	66	31/3/2017 22:46	66	2/4/2017 11:51	66	2/4/2017 20:56	65	4/4/2017 10:01	66	4/4/2017 19:06	65
29/3/2017 21:46	65	31/3/2017 22:51	66	2/4/2017 11:56	66	2/4/2017 21:01	65	4/4/2017 10:06	59	4/4/2017 19:11	66
29/3/2017 21:51	65	31/3/2017 22:56	58	2/4/2017 12:01	66	2/4/2017 21:06	65	4/4/2017 10:11	65	4/4/2017 19:16	65
29/3/2017 21:56	65	1/4/2017 19:01	65	2/4/2017 12:06	66	2/4/2017 21:11	64	4/4/2017 10:16	65	4/4/2017 19:21	65
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29/3/2017 22:16	65	1/4/2017 19:21	66	2/4/2017 12:26	65	2/4/2017 21:31	66	4/4/2017 10:36	66	4/4/2017 19:41	65
29/3/2017 22:21	65	1/4/2017 19:26	65	2/4/2017 12:31	65	2/4/2017 21:36	65	4/4/2017 10:41	65	4/4/2017 19:46	66
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29/3/2017 22:41	65	1/4/2017 19:46	66	2/4/2017 12:51	66	2/4/2017 21:56	64	4/4/2017 11:01	66	4/4/2017 20:06	65
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29/3/2017 22:56	64	1/4/2017 20:01	65	2/4/2017 13:06	66	2/4/2017 22:11	65	4/4/2017 11:16	66	4/4/2017 20:21	65
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30/3/2017 19:11	66	1/4/2017 20:16	66	2/4/2017 13:21	55	2/4/2017 22:26	65	4/4/2017 11:31	65	4/4/2017 20:36	66
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30/3/2017 19:36	66	1/4/2017 20:41	66	2/4/2017 13:46	65	2/4/2017 22:51	65	4/4/2017 11:56	66	4/4/2017 21:01	65
30/3/2017 19:41	66	1/4/2017 20:46	66	2/4/2017 13:51	65	2/4/2017 22:56	64	4/4/2017 12:01	65	4/4/2017 21:06	65
30/3/2017 19:46	66	1/4/2017 20:51	65	2/4/2017 13:56	66	3/4/2017 19:01	66	4/4/2017 12:06	65	4/4/2017 21:11	65
30/3/2017 19:51	65	1/4/2017 20:56	65	2/4/2017 14:01	65	3/4/2017 19:06	66	4/4/2017 12:11	65	4/4/2017 21:16	65
30/3/2017 19:56	65	1/4/2017 21:01	66	2/4/2017 14:06	66	3/4/2017 19:11	66	4/4/2017 12:16	65	4/4/2017 21:21	65
30/3/2017 20:01	66	1/4/2017 21:06	65	2/4/2017 14:11	65	3/4/2017 19:16	66	4/4/2017 12:21	62	4/4/2017 21:26	65
30/3/2017 20:06	66	1/4/2017 21:11	65	2/4/2017 14:16	66	3/4/2017 19:21	65	4/4/2017 12:26	65	4/4/2017 21:31	65
30/3/2017 20:11	65	1/4/2017 21:16	65	2/4/2017 14:21	65	3/4/2017 19:26	66	4/4/2017 12:31	65	4/4/2017 21:36	65
30/3/2017 20:16	65	1/4/2017 21:21	65	2/4/2017 14:26	65	3/4/2017 19:31	66	4/4/2017 12:36	65	4/4/2017 21:41	65
30/3/2017 20:21	65	1/4/2017 21:26	66	2/4/2017 14:31	65	3/4/2017 19:36	66	4/4/2017 12:41	66	4/4/2017 21:46	65
30/3/2017 20:26	66	1/4/2017 21:31	65	2/4/2017 14:36	65	3/4/2017 19:41	66	4/4/2017 12:46	66	4/4/2017 21:51	65
30/3/2017 20:31	66	1/4/2017 21:36	65	2/4/2017 14:41	66	3/4/2017 19:46	66	4/4/2017 12:51	65	4/4/2017 21:56	65
30/3/2017 20:36	66	1/4/2017 21:41	65	2/4/2017 14:46	65	3/4/2017 19:51	66	4/4/2017 12:56	62	4/4/2017 22:01	65
30/3/2017 20:41	66	1/4/2017 21:46	65	2/4/2017 14:51	65	3/4/2017 19:56	66	4/4/2017 13:01	66	4/4/2017 22:06	65
30/3/2017 20:46	66	1/4/2017 21:51	66	2/4/2017 14:56	65	3/4/2017 20:01	66	4/4/2017 13:06	65	4/4/2017 22:11	64
30/3/2017 20:51	65	1/4/2017 21:56	65	2/4/2017 15:01	66	3/4/2017 20:06	65	4/4/2017 13:11	65	4/4/2017 22:16	65
30/3/2017 20:56	65	1/4/2017 22:01	65	2/4/2017 15:06	65	3/4/2017 20:11	66	4/4/2017 13:16	66	4/4/2017 22:21	64
30/3/2017 21:01	65	1/4/2017 22:06	65	2/4/2017 15:11	65	3/4/2017 20:16	66	4/4/2017 13:21	66	4/4/2017 22:26	63
30/3/2017 21:06	65	1/4/2017 22:11	65	2/4/2017 15:16	65	3/4/2017 20:21	65	4/4/2017 13:26	55	4/4/2017 22:31	64
30/3/2017 21:11	66	1/4/2017 22:16	65	2/4/2017 15:21	65	3/4/2017 20:26	66	4/4/2017 13:31	66	4/4/2017 22:36	64
30/3/2017 21:16	65	1/4/2017 22:21	65	2/4/2017 15:26	65	3/4/2017 20:31	56	4/4/2017 13:36	66	4/4/2017 22:41	

Real-time Noise Data		RTN3 (Po Leung Kuk Yu Lee Mo Fan Memorial School)									
5/4/2017 21:31	65	7/4/2017 22:36	65	9/4/2017 11:41	65	9/4/2017 20:46	64	11/4/2017 21:51	64	13/4/2017 22:56	66
5/4/2017 21:36	65	7/4/2017 22:41	65	9/4/2017 11:46	66	9/4/2017 20:51	64	11/4/2017 21:56	64	14/4/2017 7:01	65
5/4/2017 21:41	63	7/4/2017 22:46	65	9/4/2017 11:51	65	9/4/2017 20:56	64	11/4/2017 22:01	64	14/4/2017 7:06	65
5/4/2017 21:46	65	7/4/2017 22:51	65	9/4/2017 11:56	65	9/4/2017 21:01	64	11/4/2017 22:06	64	14/4/2017 7:11	64
5/4/2017 21:51	66	7/4/2017 22:56	65	9/4/2017 12:01	53	9/4/2017 21:06	64	11/4/2017 22:11	64	14/4/2017 7:16	65
5/4/2017 21:56	66	8/4/2017 19:01	66	9/4/2017 12:06	65	9/4/2017 21:11	64	11/4/2017 22:16	65	14/4/2017 7:21	65
5/4/2017 22:01	64	8/4/2017 19:06	65	9/4/2017 12:11	65	9/4/2017 21:16	64	11/4/2017 22:21	65	14/4/2017 7:26	65
5/4/2017 22:06	65	8/4/2017 19:11	66	9/4/2017 12:16	66	9/4/2017 21:21	64	11/4/2017 22:26	65	14/4/2017 7:31	65
5/4/2017 22:11	65	8/4/2017 19:16	66	9/4/2017 12:21	65	9/4/2017 21:26	64	11/4/2017 22:31	64	14/4/2017 7:36	65
5/4/2017 22:16	65	8/4/2017 19:21	65	9/4/2017 12:26	65	9/4/2017 21:31	64	11/4/2017 22:36	64	14/4/2017 7:41	65
5/4/2017 22:21	65	8/4/2017 19:26	65	9/4/2017 12:31	65	9/4/2017 21:36	64	11/4/2017 22:41	64	14/4/2017 7:46	66
5/4/2017 22:26	65	8/4/2017 19:31	65	9/4/2017 12:36	65	9/4/2017 21:41	64	11/4/2017 22:46	64	14/4/2017 7:51	65
5/4/2017 22:31	66	8/4/2017 19:36	62	9/4/2017 12:41	66	9/4/2017 21:46	64	11/4/2017 22:51	65	14/4/2017 7:56	65
5/4/2017 22:36	65	8/4/2017 19:41	66	9/4/2017 12:46	66	9/4/2017 21:51	64	11/4/2017 22:56	64	14/4/2017 8:01	65
5/4/2017 22:41	66	8/4/2017 19:46	65	9/4/2017 12:51	65	9/4/2017 21:56	64	12/4/2017 19:01	54	14/4/2017 8:06	66
5/4/2017 22:46	64	8/4/2017 19:51	65	9/4/2017 12:56	65	9/4/2017 22:01	64	12/4/2017 19:06	59	14/4/2017 8:11	66
5/4/2017 22:51	65	8/4/2017 19:56	65	9/4/2017 13:01	66	9/4/2017 22:06	64	12/4/2017 19:11	58	14/4/2017 8:16	66
5/4/2017 22:56	65	8/4/2017 20:01	65	9/4/2017 13:06	65	9/4/2017 22:11	65	12/4/2017 19:16	40	14/4/2017 8:21	58
6/4/2017 19:01	66	8/4/2017 20:06	65	9/4/2017 13:11	65	9/4/2017 22:16	64	12/4/2017 19:21	50	14/4/2017 8:26	66
6/4/2017 19:06	66	8/4/2017 20:11	64	9/4/2017 13:16	65	9/4/2017 22:21	64	12/4/2017 19:26	61	14/4/2017 8:31	66
6/4/2017 19:11	65	8/4/2017 20:16	65	9/4/2017 13:21	66	9/4/2017 22:26	64	12/4/2017 19:31	66	14/4/2017 8:36	51
6/4/2017 19:16	65	8/4/2017 20:21	66	9/4/2017 13:26	65	9/4/2017 22:31	63	12/4/2017 19:36	66	14/4/2017 8:41	66
6/4/2017 19:21	66	8/4/2017 20:26	65	9/4/2017 13:31	65	9/4/2017 22:36	64	12/4/2017 19:41	66	14/4/2017 8:46	66
6/4/2017 19:26	66	8/4/2017 20:31	65	9/4/2017 13:36	66	9/4/2017 22:41	64	12/4/2017 19:46	66	14/4/2017 8:51	66
6/4/2017 19:31	66	8/4/2017 20:36	66	9/4/2017 13:41	65	9/4/2017 22:46	63	12/4/2017 19:51	66	14/4/2017 8:56	66
6/4/2017 19:36	65	8/4/2017 20:41	65	9/4/2017 13:46	65	9/4/2017 22:51	64	12/4/2017 19:56	54	14/4/2017 9:01	67
6/4/2017 19:41	66	8/4/2017 20:46	64	9/4/2017 13:51	65	9/4/2017 22:56	65	12/4/2017 20:01	66	14/4/2017 9:06	43
6/4/2017 19:46	66	8/4/2017 20:51	65	9/4/2017 13:56	66	10/4/2017 19:01	65	12/4/2017 20:06	65	14/4/2017 9:11	66
6/4/2017 19:51	66	8/4/2017 20:56	65	9/4/2017 14:01	65	10/4/2017 19:06	65	12/4/2017 20:11	66	14/4/2017 9:16	66
6/4/2017 19:56	65	8/4/2017 21:01	65	9/4/2017 14:06	65	10/4/2017 19:11	65	12/4/2017 20:16	61	14/4/2017 9:21	51
6/4/2017 20:01	66	8/4/2017 21:06	65	9/4/2017 14:11	65	10/4/2017 19:16	65	12/4/2017 20:21	66	14/4/2017 9:26	66
6/4/2017 20:06	65	8/4/2017 21:11	64	9/4/2017 14:16	65	10/4/2017 19:21	65	12/4/2017 20:26	66	14/4/2017 9:31	66
6/4/2017 20:11	65	8/4/2017 21:16	66	9/4/2017 14:21	65	10/4/2017 19:26	65	12/4/2017 20:31	66	14/4/2017 9:36	66
6/4/2017 20:16	65	8/4/2017 21:21	65	9/4/2017 14:26	65	10/4/2017 19:31	65	12/4/2017 20:36	56	14/4/2017 9:41	66
6/4/2017 20:21	65	8/4/2017 21:26	65	9/4/2017 14:31	65	10/4/2017 19:36	49	12/4/2017 20:41	66	14/4/2017 9:46	66
6/4/2017 20:26	65	8/4/2017 21:31	65	9/4/2017 14:36	64	10/4/2017 19:41	65	12/4/2017 20:46	66	14/4/2017 9:51	66
6/4/2017 20:31	54	8/4/2017 21:36	65	9/4/2017 14:41	66	10/4/2017 19:46	65	12/4/2017 20:51	66	14/4/2017 9:56	66
6/4/2017 20:36	64	8/4/2017 21:41	65	9/4/2017 14:46	65	10/4/2017 19:51	65	12/4/2017 20:56	48	14/4/2017 10:01	57
6/4/2017 20:41	65	8/4/2017 21:46	65	9/4/2017 14:51	65	10/4/2017 19:56	65	12/4/2017 21:01	66	14/4/2017 10:06	66
6/4/2017 20:46	64	8/4/2017 21:51	65	9/4/2017 14:56	65	10/4/2017 20:01	65	12/4/2017 21:06	66	14/4/2017 10:11	59
6/4/2017 20:51	65	8/4/2017 21:56	65	9/4/2017 15:01	65	10/4/2017 20:06	65	12/4/2017 21:11	66	14/4/2017 10:16	66
6/4/2017 20:56	65	8/4/2017 22:01	66	9/4/2017 15:06	65	10/4/2017 20:11	56	12/4/2017 21:16	66	14/4/2017 10:21	66
6/4/2017 21:01	65	8/4/2017 22:06	65	9/4/2017 15:11	65	10/4/2017 20:16	65	12/4/2017 21:21	66	14/4/2017 10:26	66
6/4/2017 21:06	65	8/4/2017 22:11	65	9/4/2017 15:16	65	10/4/2017 20:21	66	12/4/2017 21:26	66	14/4/2017 10:31	66
6/4/2017 21:11	64	8/4/2017 22:16	65	9/4/2017 15:21	66	10/4/2017 20:26	64	12/4/2017 21:31	65	14/4/2017 10:36	66
6/4/2017 21:16	64	8/4/2017 22:21	65	9/4/2017 15:26	65	10/4/2017 20:31	64	12/4/2017 21:36	66	14/4/2017 10:41	58
6/4/2017 21:21	64	8/4/2017 22:26	65	9/4/2017 15:31	65	10/4/2017 20:36	64	12/4/2017 21:41	65	14/4/2017 10:46	57
6/4/2017 21:26	65	8/4/2017 22:31	65	9/4/2017 15:36	66	10/4/2017 20:41	64	12/4/2017 21:46	65	14/4/2017 10:51	66
6/4/2017 21:31	64	8/4/2017 22:36	65	9/4/2017 15:41	65	10/4/2017 20:46	65	12/4/2017 21:51	66	14/4/2017 10:56	53
6/4/2017 21:36	66	8/4/2017 22:41	65	9/4/2017 15:46	65	10/4/2017 20:51	65	12/4/2017 21:56	66	14/4/2017 11:01	66
6/4/2017 21:41	64	8/4/2017 22:46	65	9/4/2017 15:51	65	10/4/2017 20:56	65	12/4/2017 22:01	66	14/4/2017 11:06	66
6/4/2017 21:46	65	8/4/2017 22:51	66	9/4/2017 15:56	66	10/4/2017 21:01	64	12/4/2017 22:06	66	14/4/2017 11:11	66
6/4/2017 21:51	65	8/4/2017 22:56	66	9/4/2017 16:01	65	10/4/2017 21:06	64	12/4/2017 22:11	66	14/4/2017 11:16	66
6/4/2017 21:56	65	9/4/2017 7:01	64	9/4/2017 16:06	65	10/4/2017 21:11	64	12/4/2017 22:16	66	14/4/2017 11:21	66
6/4/2017 22:01	65	9/4/2017 7:06	65	9/4/2017 16:11	66	10/4/2017 21:16	65	12/4/2017 22:21	66	14/4/2017 11:26	66
6/4/2017 22:06	65	9/4/2017 7:11	63	9/4/2017 16:16	65	10/4/2017 21:21	65	12/4/2017 22:26	66	14/4/2017 11:31	66
6/4/2017 22:11	65	9/4/2017 7:16	64	9/4/2017 16:21	65	10/4/2017 21:26	64	12/4/2017 22:31	66	14/4/2017 11:36	66
6/4/2017 22:16	65	9/4/2017 7:21	65	9/4/2017 16:26	66	10/4/2017 21:31	64	12/4/2017 22:36	66	14/4/2017 11:41	66
6/4/2017 22:21	65	9/4/2017 7:26	66	9/4/2017 16:31	65	10/4/2017 21:36	64	12/4/2017 22:41	66	14/4/2017 11:46	66
6/4/2017 22:26	65	9/4/2017 7:31	64	9/4/2017 16:36	65	10/4/2017 21:41	64	12/4/2017 22:46	65	14/4/2017 11:51	66
6/4/2017 22:31	65	9/4/2017 7:36	64	9/4/2017 16:41	65	10/4/2017 21:46	64	12/4/2017 22:51	66	14/4/2017 11:56	66
6/4/2017 22:36	65	9/4/2017 7:41	64	9/4/2017 16:46	65	10/4/2017 21:51	64	12/4/2017 22:56	65	14/4/2017 12:01	66
6/4/2017 22:41	65	9/4/2017 7:46	65	9/4/2017 16:51	65	10/4/2017 21:56	64	13/4/2017 19:01	64	14/4/2017 12:06	66
6/4/2017 22:46	65	9/4/2017 7:51	65	9/4/2017 16:56	64	10/4/2017 22:01	64	13/4/2017 19:06	64	14/4/2017 12:11	65
6/4/2017 22:51	65	9/4/2017 7:56	65	9/4/2017 17:01	65	10/4/2017 22:06	64	13/4/2017 19:11	64	14/4/2017 12:16	66
6/4/2017 22:56	65	9/4/2017 8:01	65	9/4/2017 17:06	64	10/4/2017 22:11	65	13/4/2017 19:16	65	14/4/2017 12:21	66
7/4/2017 19:01	66	9/4/2017 8:06	64	9/4/2017 17:11	65	10/4/2017 22:16	64	13/4/2017 19:21	66	14/4/2017 12:26	66
7/4/2017 19:06	66	9/4/2017 8:11	65	9/4/2017 17:16	65	10/4/2017 22:21	64	13/4/2017 19:26	66	14/4/2017 12:31	66
7/4/2017 19:11	66	9/4/2017 8:16	65	9/4/2017 17:21	65	10/4/2017 22:26	65	13/4/2017 19:31	66	14/4/2017 12:36	66
7/4/2017 19:16	66	9/4/2017 8:21	65	9/4/2017 17:26	65	10/4/2017 22:31	64	13/4/2017 19:36	66	14/4/2017 12:41	66
7/4/2017 19:21	66	9/4/2017 8:26	65	9/4/2017 17:31	65	10/4/2017 22:36	64	13/4/2017 19:41	58	14/4/2017 12:46	66
7/4/2017 19:26	67	9/4/2017 8:31	65	9/4/2017 17:36	65	10/4/2017 22:41	64	13/4/2017 19:46	66	14/4/2017 12:51	66
7/4/2017 19:31	66	9/4/2017 8:36	65	9/4/2017 17:41	65	10/4/2017 22:46	63	13/4/2017 19:51	45	14/4/2017 12:56	66
7/4/2017 19:36	66	9/4/2017 8:41	66	9/4/2017 17:46	65	10/4/2017 22:51	63	13/4/2017 19:56	66	14/4/2017 13:01	66
7/4/2017 19:41	65	9/4/2017 8:46	65	9/4/2017 17:51	65	10/4/2017 22:56	63	13/4/2017 20:01	66	14/4/2017 13:06	66
7/4/2017 19:46	66	9/4/2017 8:51	65	9/4/2017 17:56	64						

Real-time Noise Data	RTN3 (Po Leung Kuk Yu Lee Mo Fan Memorial School)					
14/4/2017 16:01 64	15/4/2017 9:06 66	15/4/2017 18:11 66	16/4/2017 11:16 65	16/4/2017 20:21 66	17/4/2017 13:26 65	
14/4/2017 16:06 66	15/4/2017 9:11 66	15/4/2017 18:16 66	16/4/2017 11:21 66	16/4/2017 20:26 66	17/4/2017 13:31 65	
14/4/2017 16:11 66	15/4/2017 9:16 66	15/4/2017 18:21 66	16/4/2017 11:26 66	16/4/2017 20:31 65	17/4/2017 13:36 65	
14/4/2017 16:16 66	15/4/2017 9:21 65	15/4/2017 18:26 66	16/4/2017 11:31 65	16/4/2017 20:36 65	17/4/2017 13:41 65	
14/4/2017 16:21 60	15/4/2017 9:26 65	15/4/2017 18:31 66	16/4/2017 11:36 51	16/4/2017 20:41 65	17/4/2017 13:46 65	
14/4/2017 16:26 66	15/4/2017 9:31 66	15/4/2017 18:36 66	16/4/2017 11:41 56	16/4/2017 20:46 65	17/4/2017 13:51 65	
14/4/2017 16:31 66	15/4/2017 9:36 61	15/4/2017 18:41 66	16/4/2017 11:46 50	16/4/2017 20:51 65	17/4/2017 13:56 65	
14/4/2017 16:36 66	15/4/2017 9:41 66	15/4/2017 18:46 66	16/4/2017 11:51 66	16/4/2017 20:56 65	17/4/2017 14:01 65	
14/4/2017 16:41 66	15/4/2017 9:46 66	15/4/2017 18:51 65	16/4/2017 11:56 52	16/4/2017 21:01 65	17/4/2017 14:06 64	
14/4/2017 16:46 66	15/4/2017 9:51 66	15/4/2017 18:56 66	16/4/2017 12:01 66	16/4/2017 21:06 66	17/4/2017 14:11 66	
14/4/2017 16:51 66	15/4/2017 9:56 66	15/4/2017 19:01 66	16/4/2017 12:06 66	16/4/2017 21:11 65	17/4/2017 14:16 64	
14/4/2017 16:56 66	15/4/2017 10:01 49	15/4/2017 19:06 60	16/4/2017 12:11 66	16/4/2017 21:16 64	17/4/2017 14:21 65	
14/4/2017 17:01 66	15/4/2017 10:06 66	15/4/2017 19:11 65	16/4/2017 12:16 66	16/4/2017 21:21 65	17/4/2017 14:26 65	
14/4/2017 17:06 66	15/4/2017 10:11 66	15/4/2017 19:16 66	16/4/2017 12:21 66	16/4/2017 21:26 65	17/4/2017 14:31 66	
14/4/2017 17:11 66	15/4/2017 10:16 50	15/4/2017 19:21 66	16/4/2017 12:26 48	16/4/2017 21:31 65	17/4/2017 14:36 66	
14/4/2017 17:16 65	15/4/2017 10:21 66	15/4/2017 19:26 65	16/4/2017 12:31 66	16/4/2017 21:36 65	17/4/2017 14:41 65	
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14/4/2017 17:46 65	15/4/2017 10:51 66	15/4/2017 19:56 65	16/4/2017 13:01 66	16/4/2017 22:06 66	17/4/2017 15:11 65	
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15/4/2017 7:11 65	15/4/2017 16:16 66	16/4/2017 9:21 66	16/4/20			

Real-time Noise Data RTN3 (Po Leung Kuk Yu Lee Mo Fan Memorial School)

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19/4/2017 20:06	65	21/4/2017 21:11	65	23/4/2017 10:16	66	23/4/2017 19:21	66	25/4/2017 20:26	66		
19/4/2017 20:11	65	21/4/2017 21:16	65	23/4/2017 10:21	66	23/4/2017 19:26	65	25/4/2017 20:31	66		
19/4/2017 20:16	66	21/4/2017 21:21	66	23/4/2017 10:26	58	23/4/2017 19:31	66	25/4/2017 20:36	66		
19/4/2017 20:21	65	21/4/2017 21:26	65	23/4/2017 10:31	66	23/4/2017 19:36	66	25/4/2017 20:41	66		
19/4/2017 20:26	65	21/4/2017 21:31	65	23/4/2017 10:36	52	23/4/2017 19:41	66	25/4/2017 20:46	66		
19/4/2017 20:31	65	21/4/2017 21:36	65	23/4/2017 10:41	66	23/4/2017 19:46	66	25/4/2017 20:51	66		
19/4/2017 20:36	65	21/4/2017 21:41	65	23/4/2017 10:46	66	23/4/2017 19:51	66	25/4/2017 20:56	66		
19/4/2017 20:41	65	21/4/2017 21:46	65	23/4/2017 10:51	66	23/4/2017 19:56	66	25/4/2017 21:01	66		
19/4/2017 20:46	65	21/4/2017 21:51	65	23/4/2017 10:56	53	23/4/2017 20:01	65	25/4/2017 21:06	66		
19/4/2017 20:51	65	21/4/2017 21:56	66	23/4/2017 11:01	54	23/4/2017 20:06	65	25/4/2017 21:11	54		
19/4/2017 20:56	65	21/4/2017 22:01	65	23/4/2017 11:06	66	23/4/2017 20:11	66	25/4/2017 21:16	66		
19/4/2017 21:01	65	21/4/2017 22:06	65	23/4/2017 11:11	66</						

Real-time Noise Data		RTN3 (Po Leung Kuk Yu Lee Mo Fan Memorial School)									
27/3/2017 5:41	60	28/3/2017 6:46	63	29/3/2017 23:51	57	31/3/2017 0:56	48	1/4/2017 2:01	54	2/4/2017 3:06	62
27/3/2017 5:46	62	28/3/2017 6:51	64	29/3/2017 23:56	59	31/3/2017 1:01	63	1/4/2017 2:06	56	2/4/2017 3:11	62
27/3/2017 5:51	62	28/3/2017 6:56	64	30/3/2017 0:01	58	31/3/2017 1:06	63	1/4/2017 2:11	56	2/4/2017 3:16	63
27/3/2017 5:56	62	28/3/2017 23:01	60	30/3/2017 0:06	58	31/3/2017 1:11	63	1/4/2017 2:16	63	2/4/2017 3:21	62
27/3/2017 6:01	62	28/3/2017 23:06	62	30/3/2017 0:11	53	31/3/2017 1:16	62	1/4/2017 2:21	55	2/4/2017 3:26	62
27/3/2017 6:06	62	28/3/2017 23:11	58	30/3/2017 0:16	53	31/3/2017 1:21	62	1/4/2017 2:26	57	2/4/2017 3:31	61
27/3/2017 6:11	55	28/3/2017 23:16	59	30/3/2017 0:21	58	31/3/2017 1:26	61	1/4/2017 2:31	63	2/4/2017 3:36	63
27/3/2017 6:16	63	28/3/2017 23:21	57	30/3/2017 0:26	55	31/3/2017 1:31	62	1/4/2017 2:36	59	2/4/2017 3:41	61
27/3/2017 6:21	59	28/3/2017 23:26	57	30/3/2017 0:31	62	31/3/2017 1:36	62	1/4/2017 2:41	63	2/4/2017 3:46	61
27/3/2017 6:26	59	28/3/2017 23:31	59	30/3/2017 0:36	63	31/3/2017 1:41	61	1/4/2017 2:46	63	2/4/2017 3:51	62
27/3/2017 6:31	60	28/3/2017 23:36	58	30/3/2017 0:41	57	31/3/2017 1:46	61	1/4/2017 2:51	58	2/4/2017 3:56	62
27/3/2017 6:36	61	28/3/2017 23:41	56	30/3/2017 0:46	63	31/3/2017 1:51	62	1/4/2017 2:56	48	2/4/2017 4:01	61
27/3/2017 6:41	62	28/3/2017 23:46	56	30/3/2017 0:51	62	31/3/2017 1:56	62	1/4/2017 3:01	55	2/4/2017 4:06	61
27/3/2017 6:46	63	28/3/2017 23:51	56	30/3/2017 0:56	62	31/3/2017 2:01	62	1/4/2017 3:06	63	2/4/2017 4:11	61
27/3/2017 6:51	64	28/3/2017 23:56	51	30/3/2017 1:01	54	31/3/2017 2:06	60	1/4/2017 3:11	63	2/4/2017 4:16	61
27/3/2017 6:56	64	29/3/2017 0:01	63	30/3/2017 1:06	61	31/3/2017 2:11	61	1/4/2017 3:16	63	2/4/2017 4:21	61
27/3/2017 23:01	63	29/3/2017 0:06	54	30/3/2017 1:11	40	31/3/2017 2:16	61	1/4/2017 3:21	62	2/4/2017 4:26	60
27/3/2017 23:06	58	29/3/2017 0:11	63	30/3/2017 1:16	63	31/3/2017 2:21	62	1/4/2017 3:26	62	2/4/2017 4:31	61
27/3/2017 23:11	60	29/3/2017 0:16	54	30/3/2017 1:21	63	31/3/2017 2:26	61	1/4/2017 3:31	46	2/4/2017 4:36	61
27/3/2017 23:16	56	29/3/2017 0:21	63	30/3/2017 1:26	62	31/3/2017 2:31	61	1/4/2017 3:36	63	2/4/2017 4:41	61
27/3/2017 23:21	57	29/3/2017 0:26	48	30/3/2017 1:31	62	31/3/2017 2:36	60	1/4/2017 3:41	61	2/4/2017 4:46	60
27/3/2017 23:26	57	29/3/2017 0:31	58	30/3/2017 1:36	61	31/3/2017 2:41	60	1/4/2017 3:46	62	2/4/2017 4:51	61
27/3/2017 23:31	57	29/3/2017 0:36	55	30/3/2017 1:41	62	31/3/2017 2:46	59	1/4/2017 3:51	63	2/4/2017 4:56	60
27/3/2017 23:36	50	29/3/2017 0:41	51	30/3/2017 1:46	61	31/3/2017 2:51	60	1/4/2017 3:56	61	2/4/2017 5:01	61
27/3/2017 23:41	54	29/3/2017 0:46	54	30/3/2017 1:51	63	31/3/2017 2:56	61	1/4/2017 4:01	61	2/4/2017 5:06	60
27/3/2017 23:46	50	29/3/2017 0:51	62	30/3/2017 1:56	61	31/3/2017 3:01	60	1/4/2017 4:06	62	2/4/2017 5:11	61
27/3/2017 23:51	40	29/3/2017 0:56	63	30/3/2017 2:01	62	31/3/2017 3:06	60	1/4/2017 4:11	62	2/4/2017 5:16	60
27/3/2017 23:56	56	29/3/2017 1:01	63	30/3/2017 2:06	61	31/3/2017 3:11	60	1/4/2017 4:16	61	2/4/2017 5:21	60
28/3/2017 0:01	55	29/3/2017 1:06	63	30/3/2017 2:11	60	31/3/2017 3:16	59	1/4/2017 4:21	62	2/4/2017 5:26	61
28/3/2017 0:06	63	29/3/2017 1:11	63	30/3/2017 2:16	61	31/3/2017 3:21	60	1/4/2017 4:26	63	2/4/2017 5:31	62
28/3/2017 0:11	54	29/3/2017 1:16	63	30/3/2017 2:21	60	31/3/2017 3:26	60	1/4/2017 4:31	63	2/4/2017 5:36	61
28/3/2017 0:16	53	29/3/2017 1:21	62	30/3/2017 2:26	60	31/3/2017 3:31	60	1/4/2017 4:36	62	2/4/2017 5:41	61
28/3/2017 0:21	57	29/3/2017 1:26	61	30/3/2017 2:31	60	31/3/2017 3:36	60	1/4/2017 4:41	61	2/4/2017 5:46	61
28/3/2017 0:26	63	29/3/2017 1:31	63	30/3/2017 2:36	62	31/3/2017 3:41	59	1/4/2017 4:46	63	2/4/2017 5:51	55
28/3/2017 0:31	63	29/3/2017 1:36	62	30/3/2017 2:41	61	31/3/2017 3:46	59	1/4/2017 4:51	61	2/4/2017 5:56	63
28/3/2017 0:36	62	29/3/2017 1:41	61	30/3/2017 2:46	61	31/3/2017 3:51	60	1/4/2017 4:56	61	2/4/2017 6:01	62
28/3/2017 0:41	62	29/3/2017 1:46	62	30/3/2017 2:51	61	31/3/2017 3:56	59	1/4/2017 5:01	63	2/4/2017 6:06	62
28/3/2017 0:46	49	29/3/2017 1:51	61	30/3/2017 2:56	60	31/3/2017 4:01	59	1/4/2017 5:06	62	2/4/2017 6:11	62
28/3/2017 0:51	61	29/3/2017 1:56	60	30/3/2017 3:01	60	31/3/2017 4:06	58	1/4/2017 5:11	63	2/4/2017 6:16	56
28/3/2017 0:56	62	29/3/2017 2:01	60	30/3/2017 3:06	60	31/3/2017 4:11	60	1/4/2017 5:16	62	2/4/2017 6:21	48
28/3/2017 1:01	63	29/3/2017 2:06	61	30/3/2017 3:11	59	31/3/2017 4:16	59	1/4/2017 5:21	63	2/4/2017 6:26	58
28/3/2017 1:06	62	29/3/2017 2:11	61	30/3/2017 3:16	59	31/3/2017 4:21	60	1/4/2017 5:26	63	2/4/2017 6:31	57
28/3/2017 1:11	63	29/3/2017 2:16	61	30/3/2017 3:21	60	31/3/2017 4:26	60	1/4/2017 5:31	54	2/4/2017 6:36	59
28/3/2017 1:16	63	29/3/2017 2:21	62	30/3/2017 3:26	59	31/3/2017 4:31	59	1/4/2017 5:36	45	2/4/2017 6:41	60
28/3/2017 1:21	62	29/3/2017 2:26	61	30/3/2017 3:31	61	31/3/2017 4:36	59	1/4/2017 5:41	63	2/4/2017 6:46	59
28/3/2017 1:26	61	29/3/2017 2:31	61	30/3/2017 3:36	61	31/3/2017 4:41	60	1/4/2017 5:46	63	2/4/2017 6:51	58
28/3/2017 1:31	61	29/3/2017 2:36	60	30/3/2017 3:41	60	31/3/2017 4:46	59	1/4/2017 5:51	63	2/4/2017 6:56	60
28/3/2017 1:36	62	29/3/2017 2:41	60	30/3/2017 3:46	60	31/3/2017 4:51	59	1/4/2017 5:56	63	2/4/2017 23:01	57
28/3/2017 1:41	62	29/3/2017 2:46	60	30/3/2017 3:51	59	31/3/2017 4:56	61	1/4/2017 6:01	55	2/4/2017 23:06	55
28/3/2017 1:46	61	29/3/2017 2:51	60	30/3/2017 3:56	59	31/3/2017 5:01	59	1/4/2017 6:06	63	2/4/2017 23:11	57
28/3/2017 1:51	61	29/3/2017 2:56	60	30/3/2017 4:01	58	31/3/2017 5:06	59	1/4/2017 6:11	58	2/4/2017 23:16	57
28/3/2017 1:56	61	29/3/2017 3:01	60	30/3/2017 4:06	59	31/3/2017 5:11	59	1/4/2017 6:16	57	2/4/2017 23:21	56
28/3/2017 2:01	61	29/3/2017 3:06	59	30/3/2017 4:11	60	31/3/2017 5:16	60	1/4/2017 6:21	60	2/4/2017 23:26	57
28/3/2017 2:06	61	29/3/2017 3:11	59	30/3/2017 4:16	59	31/3/2017 5:21	61	1/4/2017 6:26	61	2/4/2017 23:31	55
28/3/2017 2:11	61	29/3/2017 3:16	58	30/3/2017 4:21	61	31/3/2017 5:26	61	1/4/2017 6:31	55	2/4/2017 23:36	63
28/3/2017 2:16	60	29/3/2017 3:21	59	30/3/2017 4:26	60	31/3/2017 5:31	61	1/4/2017 6:36	61	2/4/2017 23:41	54
28/3/2017 2:21	60	29/3/2017 3:26	58	30/3/2017 4:31	60	31/3/2017 5:36	62	1/4/2017 6:41	62	2/4/2017 23:46	56
28/3/2017 2:26	60	29/3/2017 3:31	59	30/3/2017 4:36	58	31/3/2017 5:41	60	1/4/2017 6:46	61	2/4/2017 23:51	62
28/3/2017 2:31	59	29/3/2017 3:36	61	30/3/2017 4:41	60	31/3/2017 5:46	61	1/4/2017 6:51	63	2/4/2017 23:56	48
28/3/2017 2:36	60	29/3/2017 3:41	59	30/3/2017 4:46	59	31/3/2017 5:51	61	1/4/2017 6:56	63	3/4/2017 0:01	63
28/3/2017 2:41	60	29/3/2017 3:46	60	30/3/2017 4:51	60	31/3/2017 5:56	62	1/4/2017 23:01	59	3/4/2017 0:06	54
28/3/2017 2:46	59	29/3/2017 3:51	59	30/3/2017 4:56	60	31/3/2017 6:01	62	1/4/2017 23:06	59	3/4/2017 0:11	63
28/3/2017 2:51	63	29/3/2017 3:56	60	30/3/2017 5:01	59	31/3/2017 6:06	63	1/4/2017 23:11	60	3/4/2017 0:16	46
28/3/2017 2:56	59	29/3/2017 4:01	59	30/3/2017 5:06	58	31/3/2017 6:11	51	1/4/2017 23:16	57	3/4/2017 0:21	62
28/3/2017 3:01	59	29/3/2017 4:06	60	30/3/2017 5:11	59	31/3/2017 6:16	52	1/4/2017 23:21	59	3/4/2017 0:26	63
28/3/2017 3:06	59	29/3/2017 4:11	60	30/3/2017 5:16	60	31/3/2017 6:21	61	1/4/2017 23:26	59	3/4/2017 0:31	63
28/3/2017 3:11	60	29/3/2017 4:16	60	30/3/2017 5:21	60	31/3/2017 6:26	63	1/4/2017 23:31	59	3/4/2017 0:36	62
28/3/2017 3:16	60	29/3/2017 4:21	58	30/3/2017 5:26	62	31/3/2017 6:31	61	1/4/2017 23:36	59	3/4/2017 0:41	62
28/3/2017 3:21	59	29/3/2017 4:26	60	30/3/2017 5:31	61	31/3/2017 6:36	60	1/4/2017 23:41	59	3/4/2017 0:46	63
28/3/2017 3:26	63	29/3/2017 4:31	60	30/3/2017 5:36	61	31/3/2017 6:41	60	1/4/2017 23:46	60	3/4/2017 0:51	61
28/3/2017 3:31	60	29/3/2017 4:36	60	30/3/2017 5:41	61	31/3/2017 6:46	61	1/4/2017 23:51	58	3/4/2017 0:56	62
28/3/2017 3:36	59	29/3/2017 4:41	59	30/3/2017 5:46	62	31/3/2017 6:51	64	1/4/2017 23:56	58	3/4/2017 1:01	61
28/3/2017 3:41	59	29/3/2017 4:46	59	30/3/2017 5:51	63	31/3/2017 6:56	63	2/4/2017 0:01	58	3/4/2017 1:06	62
28/3/2017 3:46	60	29/3/2017 4:51	59	30/3/2017 5:56	62	31/3/2017 23:01	63	2/4/2017 0:06	58	3/4/2017 1:11	62
28/3/2017 3:51	59	29/3/2017 4:56	60	30/3/2017 6:01	61	31/3/2017 23:06	61	2/4/2017 0:11	56	3/4/2017 1:16	61
28/3/2017 3:56	60	29/3/2017 5:01	59	30/3/2017 6:06	63	31/3/2017 23:11	64	2/4/2017 0:16	57	3/4/2017 1:21	61
28/3/2017 4:01	58	29/3/2017 5:06	59	30/3/2017 6:11	63	31/3/2017 23:16	63	2/4/2017 0:21	56	3/4/2017 1:26	60

Real-time Noise Data		RTN3 (Po Leung Kuk Yu Lee Mo Fan Memorial School)									
3/4/2017 4:11	58	4/4/2017 5:16	59	5/4/2017 6:21	57	6/4/2017 23:26	55	8/4/2017 0:31	59	9/4/2017 1:36	62
3/4/2017 4:16	60	4/4/2017 5:21	60	5/4/2017 6:26	60	6/4/2017 23:31	58	8/4/2017 0:36	57	9/4/2017 1:41	62
3/4/2017 4:21	58	4/4/2017 5:26	61	5/4/2017 6:31	62	6/4/2017 23:36	57	8/4/2017 0:41	53	9/4/2017 1:46	62
3/4/2017 4:26	60	4/4/2017 5:31	61	5/4/2017 6:36	61	6/4/2017 23:41	58	8/4/2017 0:46	55	9/4/2017 1:51	63
3/4/2017 4:31	59	4/4/2017 5:36	61	5/4/2017 6:41	62	6/4/2017 23:46	52	8/4/2017 0:51	48	9/4/2017 1:56	62
3/4/2017 4:36	60	4/4/2017 5:41	61	5/4/2017 6:46	62	6/4/2017 23:51	57	8/4/2017 0:56	54	9/4/2017 2:01	62
3/4/2017 4:41	59	4/4/2017 5:46	60	5/4/2017 6:51	62	6/4/2017 23:56	57	8/4/2017 1:01	58	9/4/2017 2:06	62
3/4/2017 4:46	59	4/4/2017 5:51	62	5/4/2017 6:56	63	7/4/2017 0:01	53	8/4/2017 1:06	40	9/4/2017 2:11	61
3/4/2017 4:51	59	4/4/2017 5:56	62	5/4/2017 7:01	58	7/4/2017 0:06	47	8/4/2017 1:11	56	9/4/2017 2:16	62
3/4/2017 4:56	61	4/4/2017 6:01	63	5/4/2017 23:06	59	7/4/2017 0:11	56	8/4/2017 1:16	55	9/4/2017 2:21	62
3/4/2017 5:01	59	4/4/2017 6:06	62	5/4/2017 23:11	59	7/4/2017 0:16	54	8/4/2017 1:21	56	9/4/2017 2:26	62
3/4/2017 5:06	61	4/4/2017 6:11	63	5/4/2017 23:16	58	7/4/2017 0:21	57	8/4/2017 1:26	63	9/4/2017 2:31	63
3/4/2017 5:11	60	4/4/2017 6:16	63	5/4/2017 23:21	58	7/4/2017 0:26	48	8/4/2017 1:31	63	9/4/2017 2:36	61
3/4/2017 5:16	59	4/4/2017 6:21	48	5/4/2017 23:26	58	7/4/2017 0:31	63	8/4/2017 1:36	63	9/4/2017 2:41	62
3/4/2017 5:21	60	4/4/2017 6:26	63	5/4/2017 23:31	59	7/4/2017 0:36	53	8/4/2017 1:41	50	9/4/2017 2:46	61
3/4/2017 5:26	61	4/4/2017 6:31	55	5/4/2017 23:36	59	7/4/2017 0:41	63	8/4/2017 1:46	47	9/4/2017 2:51	60
3/4/2017 5:31	61	4/4/2017 6:36	58	5/4/2017 23:41	57	7/4/2017 0:46	48	8/4/2017 1:51	63	9/4/2017 2:56	62
3/4/2017 5:36	61	4/4/2017 6:41	63	5/4/2017 23:46	57	7/4/2017 0:51	63	8/4/2017 1:56	63	9/4/2017 3:01	61
3/4/2017 5:41	62	4/4/2017 6:46	58	5/4/2017 23:51	57	7/4/2017 0:56	62	8/4/2017 2:01	63	9/4/2017 3:06	61
3/4/2017 5:46	62	4/4/2017 6:51	56	5/4/2017 23:56	53	7/4/2017 1:01	62	8/4/2017 2:06	62	9/4/2017 3:11	61
3/4/2017 5:51	61	4/4/2017 6:56	59	6/4/2017 0:01	54	7/4/2017 1:06	63	8/4/2017 2:11	62	9/4/2017 3:16	61
3/4/2017 5:56	63	4/4/2017 23:01	57	6/4/2017 0:06	52	7/4/2017 1:11	61	8/4/2017 2:16	62	9/4/2017 3:21	62
3/4/2017 6:01	62	4/4/2017 23:06	52	6/4/2017 0:11	56	7/4/2017 1:16	61	8/4/2017 2:21	52	9/4/2017 3:26	62
3/4/2017 6:06	62	4/4/2017 23:11	49	6/4/2017 0:16	53	7/4/2017 1:21	62	8/4/2017 2:26	62	9/4/2017 3:31	61
3/4/2017 6:11	51	4/4/2017 23:16	56	6/4/2017 0:21	58	7/4/2017 1:26	62	8/4/2017 2:31	63	9/4/2017 3:36	62
3/4/2017 6:16	58	4/4/2017 23:21	57	6/4/2017 0:26	56	7/4/2017 1:31	61	8/4/2017 2:36	63	9/4/2017 3:41	61
3/4/2017 6:21	59	4/4/2017 23:26	63	6/4/2017 0:31	55	7/4/2017 1:36	61	8/4/2017 2:41	62	9/4/2017 3:46	61
3/4/2017 6:26	59	4/4/2017 23:31	50	6/4/2017 0:36	51	7/4/2017 1:41	61	8/4/2017 2:46	62	9/4/2017 3:51	61
3/4/2017 6:31	58	4/4/2017 23:36	49	6/4/2017 0:41	63	7/4/2017 1:46	61	8/4/2017 2:51	62	9/4/2017 3:56	61
3/4/2017 6:36	61	4/4/2017 23:41	44	6/4/2017 0:46	48	7/4/2017 1:51	61	8/4/2017 2:56	61	9/4/2017 4:01	60
3/4/2017 6:41	62	4/4/2017 23:46	63	6/4/2017 0:51	62	7/4/2017 1:56	61	8/4/2017 3:01	62	9/4/2017 4:06	60
3/4/2017 6:46	64	4/4/2017 23:51	63	6/4/2017 0:56	62	7/4/2017 2:01	61	8/4/2017 3:06	62	9/4/2017 4:11	61
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4/4/2017 2:41	62	5/4/2017 3:46	57	6/4/2017 4:51	58	7/4/2017 5:56	62	8/4/2017 23:01	60	10/4/2017 0:06	62

Real-time Noise Data		RTN3 (Po Leung Kuk Yu Lee Mo Fan Memorial School)									
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10/4/2017 2:46	60	11/4/2017 3:51	59	12/4/2017 4:56	60	13/4/2017 6:01	62	14/4/2017 23:06	59	16/4/2017 0:11	56
10/4/2017 2:51	58	11/4/2017 3:56	59	12/4/2017 5:01	60	13/4/2017 6:06	46	14/4/2017 23:11	60	16/4/2017 0:16	54
10/4/2017 2:56	59	11/4/2017 4:01	58	12/4/2017 5:06	61	13/4/2017 6:11	56	14/4/2017 23:16	58	16/4/2017 0:21	61
10/4/2017 3:01	58	11/4/2017 4:06	60	12/4/2017 5:11	60	13/4/2017 6:16	56	14/4/2017 23:21	61	16/4/2017 0:26	63
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10/4/2017 3:16	58	11/4/2017 4:21	59	12/4/2017 5:26	62	13/4/2017 6:31	60	14/4/2017 23:36	59	16/4/2017 0:41	48
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10/4/2017 3:31	60	11/4/2017 4:36	59	12/4/2017 5:41	62	13/4/2017 6:46	63	14/4/2017 23:51	56	16/4/2017 0:56	63
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11/4/2017 0:31	62	12/4/2017 1:36	61	13/4/2017 2:41	62	14/4/2017 3:46	61	15/4/2017 4:51	62	16/4/2017 5:56	62
11/4/2017 0:36	62	12/4/2017 1:41	62	13/4/2017 2:46	61	14/4/2017 3:51	61	15/4/2017 4:56	61	16/4/2017 6:01	63
11/4/2017 0:41	62	12/4/2017 1:46	61	13/4/2017 2:51	60	14/4/2017 3:56	61	15/4/2017 5:01	61	16/4/2017 6:06	46
11/4/2017 0:46	61	12/4/2017 1:51	61	13/4/2017 2:56	60	14/4/2017 4:01	62	15/4/2017 5:06	62	16/4/2017 6:11	63
11/4/2017 0:51	62	12/4/2017 1:56	61	13/4/2017 3:01	62	14/4/2017 4:06	62	15/4/2017 5:11	61	16/4/2017 6:16	63
11/4/2017 0:56	61	12/4/2017 2:01	60	13/4/2017 3:06	60	14/4/2017 4:11	61	15/4/2017 5:16	60	16/4/2017 6:21	64

Real-time Noise Data		RTN3 (Po Leung Kuk Yu Lee Mo Fan Memorial School)									
17/4/2017 1:11	63	18/4/2017 2:16	60	19/4/2017 3:21	58	20/4/2017 4:26	59	21/4/2017 5:31	61	22/4/2017 6:36	58
17/4/2017 1:16	62	18/4/2017 2:21	60	19/4/2017 3:26	58	20/4/2017 4:31	59	21/4/2017 5:36	61	22/4/2017 6:41	59
17/4/2017 1:21	62	18/4/2017 2:26	61	19/4/2017 3:31	59	20/4/2017 4:36	61	21/4/2017 5:41	61	22/4/2017 6:46	61
17/4/2017 1:26	63	18/4/2017 2:31	60	19/4/2017 3:36	60	20/4/2017 4:41	59	21/4/2017 5:46	63	22/4/2017 6:51	63
17/4/2017 1:31	62	18/4/2017 2:36	60	19/4/2017 3:41	61	20/4/2017 4:46	60	21/4/2017 5:51	62	22/4/2017 6:56	62
17/4/2017 1:36	62	18/4/2017 2:41	60	19/4/2017 3:46	60	20/4/2017 4:51	60	21/4/2017 5:56	62	22/4/2017 7:01	61
17/4/2017 1:41	62	18/4/2017 2:46	58	19/4/2017 3:51	59	20/4/2017 4:56	60	21/4/2017 6:01	62	22/4/2017 7:06	60
17/4/2017 1:46	62	18/4/2017 2:51	60	19/4/2017 3:56	59	20/4/2017 5:01	59	21/4/2017 6:06	54	22/4/2017 7:11	62
17/4/2017 1:51	60	18/4/2017 2:56	58	19/4/2017 4:01	58	20/4/2017 5:06	59	21/4/2017 6:11	63	22/4/2017 7:16	61
17/4/2017 1:56	62	18/4/2017 3:01	59	19/4/2017 4:06	60	20/4/2017 5:11	60	21/4/2017 6:16	55	22/4/2017 7:21	62
17/4/2017 2:01	62	18/4/2017 3:06	58	19/4/2017 4:11	60	20/4/2017 5:16	61	21/4/2017 6:21	58	22/4/2017 7:26	60
17/4/2017 2:06	61	18/4/2017 3:11	59	19/4/2017 4:16	59	20/4/2017 5:21	60	21/4/2017 6:26	59	22/4/2017 7:31	60
17/4/2017 2:11	62	18/4/2017 3:16	58	19/4/2017 4:21	59	20/4/2017 5:26	61	21/4/2017 6:31	61	22/4/2017 7:36	62
17/4/2017 2:16	62	18/4/2017 3:21	57	19/4/2017 4:26	58	20/4/2017 5:31	62	21/4/2017 6:36	62	22/4/2017 7:41	60
17/4/2017 2:21	61	18/4/2017 3:26	58	19/4/2017 4:31	61	20/4/2017 5:36	61	21/4/2017 6:41	63	22/4/2017 7:46	58
17/4/2017 2:26	62	18/4/2017 3:31	59	19/4/2017 4:36	60	20/4/2017 5:41	62	21/4/2017 6:46	62	22/4/2017 7:51	59
17/4/2017 2:31	63	18/4/2017 3:36	59	19/4/2017 4:41	59	20/4/2017 5:46	61	21/4/2017 6:51	63	22/4/2017 7:56	60
17/4/2017 2:36	62	18/4/2017 3:41	58	19/4/2017 4:46	58	20/4/2017 5:51	61	21/4/2017 6:56	62	23/4/2017 0:01	60
17/4/2017 2:41	61	18/4/2017 3:46	60	19/4/2017 4:51	58	20/4/2017 5:56	62	21/4/2017 7:01	63	23/4/2017 0:06	61
17/4/2017 2:46	61	18/4/2017 3:51	59	19/4/2017 4:56	60	20/4/2017 6:01	63	21/4/2017 7:06	63	23/4/2017 0:11	58
17/4/2017 2:51	61	18/4/2017 3:56	57	19/4/2017 5:01	58	20/4/2017 6:06	63	21/4/2017 7:11	61	23/4/2017 0:16	57
17/4/2017 2:56	61	18/4/2017 4:01	58	19/4/2017 5:06	59	20/4/2017 6:11	59	21/4/2017 7:16	62	23/4/2017 0:21	58
17/4/2017 3:01	60	18/4/2017 4:06	59	19/4/2017 5:11	61	20/4/2017 6:16	59	21/4/2017 7:21	62	23/4/2017 0:26	59
17/4/2017 3:06	62	18/4/2017 4:11	59	19/4/2017 5:16	60	20/4/2017 6:21	59	21/4/2017 7:26	61	23/4/2017 0:31	58
17/4/2017 3:11	59	18/4/2017 4:16	59	19/4/2017 5:21	59	20/4/2017 6:26	58	21/4/2017 7:31	60	23/4/2017 0:36	60
17/4/2017 3:16	60	18/4/2017 4:21	58	19/4/2017 5:26	60	20/4/2017 6:31	60	21/4/2017 7:36	62	23/4/2017 0:41	60
17/4/2017 3:21	61	18/4/2017 4:26	59	19/4/2017 5:31	61	20/4/2017 6:36	60	21/4/2017 7:41	61	23/4/2017 0:46	56
17/4/2017 3:26	59	18/4/2017 4:31	59	19/4/2017 5:36	61	20/4/2017 6:41	61	21/4/2017 7:46	61	23/4/2017 0:51	48
17/4/2017 3:31	60	18/4/2017 4:36	60	19/4/2017 5:41	62	20/4/2017 6:46	62	21/4/2017 7:51	60	23/4/2017 0:56	55
17/4/2017 3:36	59	18/4/2017 4:41	58	19/4/2017 5:46	62	20/4/2017 6:51	63	21/4/2017 7:56	61	23/4/2017 1:01	49
17/4/2017 3:41	59	18/4/2017 4:46	59	19/4/2017 5:51	56	20/4/2017 6:56	62	22/4/2017 0:01	56	23/4/2017 1:06	52
17/4/2017 3:46	59	18/4/2017 4:51	60	19/4/2017 5:56	63	20/4/2017 7:01	60	22/4/2017 0:06	62	23/4/2017 1:11	43
17/4/2017 3:51	60	18/4/2017 4:56	60	19/4/2017 6:01	63	20/4/2017 7:06	60	22/4/2017 0:11	58	23/4/2017 1:16	63
17/4/2017 3:56	60	18/4/2017 5:01	59	19/4/2017 6:06	63	20/4/2017 7:11	60	22/4/2017 0:16	56	23/4/2017 1:21	63
17/4/2017 4:01	59	18/4/2017 5:06	59	19/4/2017 6:11	60	20/4/2017 7:16	62	22/4/2017 0:21	37	23/4/2017 1:26	63
17/4/2017 4:06	59	18/4/2017 5:11	60	19/4/2017 6:16	54	20/4/2017 7:21	61	22/4/2017 0:26	62	23/4/2017 1:31	54
17/4/2017 4:11	60	18/4/2017 5:16	60	19/4/2017 6:21	62	20/4/2017 7:26	60	22/4/2017 0:31	62	23/4/2017 1:36	62
17/4/2017 4:16	60	18/4/2017 5:21	60	19/4/2017 6:26	59	20/4/2017 7:31	58	22/4/2017 0:36	62	23/4/2017 1:41	63
17/4/2017 4:21	60	18/4/2017 5:26	60	19/4/2017 6:31	60	20/4/2017 7:36	59	22/4/2017 0:41	62	23/4/2017 1:46	63
17/4/2017 4:26	60	18/4/2017 5:31	61	19/4/2017 6:36	60	20/4/2017 7:41	60	22/4/2017 0:46	63	23/4/2017 1:51	62
17/4/2017 4:31	61	18/4/2017 5:36	61	19/4/2017 6:41	62	20/4/2017 7:46	59	22/4/2017 0:51	62	23/4/2017 1:56	62
17/4/2017 4:36	60	18/4/2017 5:41	61	19/4/2017 6:46	62	20/4/2017 7:51	58	22/4/2017 0:56	63	23/4/2017 2:01	62
17/4/2017 4:41	60	18/4/2017 5:46	61	19/4/2017 6:51	62	20/4/2017 7:56	58	22/4/2017 1:01	62	23/4/2017 2:06	63
17/4/2017 4:46	60	18/4/2017 5:51	63	19/4/2017 6:56	63	21/4/2017 0:01	59	22/4/2017 1:06	62	23/4/2017 2:11	62
17/4/2017 4:51	60	18/4/2017 5:56	62	19/4/2017 7:01	60	21/4/2017 0:06	56	22/4/2017 1:11	62	23/4/2017 2:16	63
17/4/2017 4:56	60	18/4/2017 6:01	62	19/4/2017 7:06	58	21/4/2017 0:11	56	22/4/2017 1:16	62	23/4/2017 2:21	62
17/4/2017 5:01	61	18/4/2017 6:06	63	19/4/2017 7:11	60	21/4/2017 0:16	63	22/4/2017 1:21	62	23/4/2017 2:26	62
17/4/2017 5:06	60	18/4/2017 6:11	50	19/4/2017 7:16	59	21/4/2017 0:21	37	22/4/2017 1:26	62	23/4/2017 2:31	62
17/4/2017 5:11	60	18/4/2017 6:16	57	19/4/2017 7:21	58	21/4/2017 0:26	62	22/4/2017 1:31	62	23/4/2017 2:36	62
17/4/2017 5:16	61	18/4/2017 6:21	59	19/4/2017 7:26	57	21/4/2017 0:31	62	22/4/2017 1:36	62	23/4/2017 2:41	63
17/4/2017 5:21	61	18/4/2017 6:26	58	19/4/2017 7:31	57	21/4/2017 0:36	61	22/4/2017 1:41	61	23/4/2017 2:46	47
17/4/2017 5:26	62	18/4/2017 6:31	61	19/4/2017 7:36	56	21/4/2017 0:41	62	22/4/2017 1:46	61	23/4/2017 2:51	62
17/4/2017 5:31	60	18/4/2017 6:36	60	19/4/2017 7:41	56	21/4/2017 0:46	61	22/4/2017 1:51	62	23/4/2017 2:56	62
17/4/2017 5:36	60	18/4/2017 6:41	63	19/4/2017 7:46	57	21/4/2017 0:51	61	22/4/2017 1:56	61	23/4/2017 3:01	58
17/4/2017 5:41	62	18/4/2017 6:46	63	19/4/2017 7:51	56	21/4/2017 0:56	61	22/4/2017 2:01	62	23/4/2017 3:06	40
17/4/2017 5:46	61	18/4/2017 6:51	64	19/4/2017 7:56	59	21/4/2017 1:01	61	22/4/2017 2:06	61	23/4/2017 3:11	61
17/4/2017 5:51	62	18/4/2017 6:56	66	20/4/2017 0:01	55	21/4/2017 1:06	61	22/4/2017 2:11	61	23/4/2017 3:16	61
17/4/2017 5:56	61	18/4/2017 7:01	63	20/4/2017 0:06	58	21/4/2017 1:11	61	22/4/2017 2:16	62	23/4/2017 3:21	61
17/4/2017 6:01	62	18/4/2017 7:06	58	20/4/2017 0:11	51	21/4/2017 1:16	61	22/4/2017 2:21	61	23/4/2017 3:26	62
17/4/2017 6:06	51	18/4/2017 7:11	58	20/4/2017 0:16	63	21/4/2017 1:21	60	22/4/2017 2:26	62	23/4/2017 3:31	61
17/4/2017 6:11	63	18/4/2017 7:16	59	20/4/2017 0:21	62	21/4/2017 1:26	61	22/4/2017 2:31	63	23/4/2017 3:36	62
17/4/2017 6:16	63	18/4/2017 7:21	56	20/4/2017 0:26	63	21/4/2017 1:31	62	22/4/2017 2:36	62	23/4/2017 3:41	61
17/4/2017 6:21	53	18/4/2017 7:26	55	20/4/2017 0:31	63	21/4/2017 1:36	61	22/4/2017 2:41	61	23/4/2017 3:46	61
17/4/2017 6:26	57	18/4/2017 7:31	56	20/4/2017 0:36	47	21/4/2017 1:41	61	22/4/2017 2:46	61	23/4/2017 3:51	62
17/4/2017 6:31	54	18/4/2017 7:36	54	20/4/2017 0:41	62	21/4/2017 1:46	61	22/4/2017 2:51	60	23/4/2017 3:56	61
17/4/2017 6:36	59	18/4/2017 7:41	57	20/4/2017 0:46	60	21/4/2017 1:51	60	22/4/2017 2:56	60	23/4/2017 4:01	62
17/4/2017 6:41	66	18/4/2017 7:46	57	20/4/2017 0:51	61	21/4/2017 1:56	61	22/4/2017 3:01	60	23/4/2017 4:06	61
17/4/2017 6:46	62	18/4/2017 7:51	52	20/4/2017 0:56	61	21/4/2017 2:01	61	22/4/2017 3:06	60	23/4/2017 4:11	61
17/4/2017 6:51	53	18/4/2017 7:56	56	20/4/2017 1:01	60	21/4/2017 2:06	61	22/4/2017 3:11	54	23/4/2017 4:16	61
17/4/2017 6:56	56	19/4/2017 0:01	57	20/4/2017 1:06	61	21/4/2017 2:11	60	22/4/2017 3:16	65	23/4/2017 4:21	61
17/4/2017 7:01	56	19/4/2017 0:06	51	20/4/2017 1:11	60	21/4/2017 2:16	60	22/4/2017 3:21	60	23/4/2017 4:26	61
17/4/2017 7:06	57	19/4/2017 0:11	63	20/4/2017 1:16	59	21/4/2017 2:21	60	22/4/2017 3:26	60	23/4/2017 4:31	62
17/4/2017 7:11	58	19/4/2017 0:16	55	20/4/2017 1:21	60	21/4/2017 2:26	59	22/4/2017 3:31	61	23/4/2017 4:36	62
17/4/2017 7:16	59	19/4/2017 0:21	49	20/4/2017 1:26	60	21/4/2017 2:31	59	22/4/2017 3:36	60	23/4/2017 4:41	63
17/4/2017 7:21	57	19/4/2017 0:26	63	20/4/2017 1:31	61	21/4/2017 2:36	59	22/4/2017 3:41	60	23/4/2017 4:46	60
17/4/2017 7:26	54	19/4/2017 0:31	55	20/4/2017 1:36	60	21/4/2017 2:41	60	22/4/2017 3:46	60	23/4/2017 4:51	61
17/4/2017 7:31	54	19/4/2017 0:36	54	20/4							

Real-time Noise Data		RTN3 (Po Leung Kuk Yu Lee Mo Fan Memorial School)			
23/4/2017 23:41	55	25/4/2017 0:46	62	26/4/2017 1:51	62
23/4/2017 23:46	55	25/4/2017 0:51	37	26/4/2017 1:56	62
23/4/2017 23:51	55	25/4/2017 0:56	48	26/4/2017 2:01	61
23/4/2017 23:56	55	25/4/2017 1:01	63	26/4/2017 2:06	61
24/4/2017 0:01	62	25/4/2017 1:06	63	26/4/2017 2:11	60
24/4/2017 0:06	63	25/4/2017 1:11	62	26/4/2017 2:16	61
24/4/2017 0:11	63	25/4/2017 1:16	62	26/4/2017 2:21	60
24/4/2017 0:16	62	25/4/2017 1:21	63	26/4/2017 2:26	61
24/4/2017 0:21	63	25/4/2017 1:26	62	26/4/2017 2:31	61
24/4/2017 0:26	43	25/4/2017 1:31	62	26/4/2017 2:36	60
24/4/2017 0:31	63	25/4/2017 1:36	62	26/4/2017 2:41	61
24/4/2017 0:36	61	25/4/2017 1:41	61	26/4/2017 2:46	60
24/4/2017 0:41	62	25/4/2017 1:46	52	26/4/2017 2:51	59
24/4/2017 0:46	61	25/4/2017 1:51	60	26/4/2017 2:56	61
24/4/2017 0:51	55	25/4/2017 1:56	60	26/4/2017 3:01	60
24/4/2017 0:56	60	25/4/2017 2:01	60	26/4/2017 3:06	59
24/4/2017 1:01	61	25/4/2017 2:06	61	26/4/2017 3:11	61
24/4/2017 1:06	63	25/4/2017 2:11	60	26/4/2017 3:16	61
24/4/2017 1:11	63	25/4/2017 2:16	61	26/4/2017 3:21	59
24/4/2017 1:16	62	25/4/2017 2:21	60	26/4/2017 3:26	60
24/4/2017 1:21	61	25/4/2017 2:26	61	26/4/2017 3:31	60
24/4/2017 1:26	61	25/4/2017 2:31	61	26/4/2017 3:36	61
24/4/2017 1:31	60	25/4/2017 2:36	59	26/4/2017 3:41	59
24/4/2017 1:36	60	25/4/2017 2:41	60	26/4/2017 3:46	59
24/4/2017 1:41	61	25/4/2017 2:46	60	26/4/2017 3:51	59
24/4/2017 1:46	60	25/4/2017 2:51	60	26/4/2017 3:56	60
24/4/2017 1:51	60	25/4/2017 2:56	59	26/4/2017 4:01	59
24/4/2017 1:56	60	25/4/2017 3:01	60	26/4/2017 4:06	60
24/4/2017 2:01	61	25/4/2017 3:06	59	26/4/2017 4:11	60
24/4/2017 2:06	61	25/4/2017 3:11	58	26/4/2017 4:16	59
24/4/2017 2:11	59	25/4/2017 3:16	60	26/4/2017 4:21	60
24/4/2017 2:16	60	25/4/2017 3:21	58	26/4/2017 4:26	62
24/4/2017 2:21	60	25/4/2017 3:26	59	26/4/2017 4:31	61
24/4/2017 2:26	60	25/4/2017 3:31	59	26/4/2017 4:36	60
24/4/2017 2:31	59	25/4/2017 3:36	60	26/4/2017 4:41	59
24/4/2017 2:36	59	25/4/2017 3:41	60	26/4/2017 4:46	60
24/4/2017 2:41	60	25/4/2017 3:46	59	26/4/2017 4:51	60
24/4/2017 2:46	59	25/4/2017 3:51	60	26/4/2017 4:56	61
24/4/2017 2:51	58	25/4/2017 3:56	60	26/4/2017 5:01	60
24/4/2017 2:56	59	25/4/2017 4:01	59	26/4/2017 5:06	61
24/4/2017 3:01	60	25/4/2017 4:06	60	26/4/2017 5:11	61
24/4/2017 3:06	58	25/4/2017 4:11	59	26/4/2017 5:16	61
24/4/2017 3:11	60	25/4/2017 4:16	59	26/4/2017 5:21	61
24/4/2017 3:16	58	25/4/2017 4:21	60	26/4/2017 5:26	61
24/4/2017 3:21	58	25/4/2017 4:26	60	26/4/2017 5:31	62
24/4/2017 3:26	60	25/4/2017 4:31	60	26/4/2017 5:36	63
24/4/2017 3:31	59	25/4/2017 4:36	59	26/4/2017 5:41	50
24/4/2017 3:36	60	25/4/2017 4:41	59	26/4/2017 5:46	63
24/4/2017 3:41	59	25/4/2017 4:46	59	26/4/2017 5:51	55
24/4/2017 3:46	58	25/4/2017 4:51	59	26/4/2017 5:56	56
24/4/2017 3:51	60	25/4/2017 4:56	59	26/4/2017 6:01	63
24/4/2017 3:56	59	25/4/2017 5:01	60	26/4/2017 6:06	67
24/4/2017 4:01	59	25/4/2017 5:06	59	26/4/2017 6:11	58
24/4/2017 4:06	59	25/4/2017 5:11	61	26/4/2017 6:16	62
24/4/2017 4:11	58	25/4/2017 5:16	61	26/4/2017 6:21	61
24/4/2017 4:16	60	25/4/2017 5:21	60	26/4/2017 6:26	60
24/4/2017 4:21	61	25/4/2017 5:26	61	26/4/2017 6:31	62
24/4/2017 4:26	60	25/4/2017 5:31	62	26/4/2017 6:36	62
24/4/2017 4:31	60	25/4/2017 5:36	61	26/4/2017 6:41	63
24/4/2017 4:36	58	25/4/2017 5:41	62	26/4/2017 6:46	64
24/4/2017 4:41	59	25/4/2017 5:46	62	26/4/2017 6:51	69
24/4/2017 4:46	59	25/4/2017 5:51	63	26/4/2017 6:56	64
24/4/2017 4:51	60	25/4/2017 5:56	64	26/4/2017 23:01	60
24/4/2017 4:56	62	25/4/2017 6:01	59	26/4/2017 23:06	61
24/4/2017 5:01	59	25/4/2017 6:06	66	26/4/2017 23:11	60
24/4/2017 5:06	61	25/4/2017 6:11	60	26/4/2017 23:16	62
24/4/2017 5:11	60	25/4/2017 6:16	62	26/4/2017 23:21	61
24/4/2017 5:16	61	25/4/2017 6:21	59	26/4/2017 23:26	62
24/4/2017 5:21	63	25/4/2017 6:26	59	26/4/2017 23:31	61
24/4/2017 5:26	63	25/4/2017 6:31	59	26/4/2017 23:36	62
24/4/2017 5:31	62	25/4/2017 6:36	59	26/4/2017 23:41	60
24/4/2017 5:36	57	25/4/2017 6:41	63	26/4/2017 23:46	60
24/4/2017 5:41	63	25/4/2017 6:46	63	26/4/2017 23:51	59
24/4/2017 5:46	62	25/4/2017 6:51	63	26/4/2017 23:56	59
24/4/2017 5:51	44	25/4/2017 6:56	63		
24/4/2017 5:56	63	25/4/2017 23:01	61		
24/4/2017 6:01	63	25/4/2017 23:06	61		
24/4/2017 6:06	47	25/4/2017 23:11	62		
24/4/2017 6:11	59	25/4/2017 23:16	60		
24/4/2017 6:16	59	25/4/2017 23:21	62		
24/4/2017 6:21	60	25/4/2017 23:26	61		
24/4/2017 6:26	61	25/4/2017 23:31	59		
24/4/2017 6:31	63	25/4/2017 23:36	59		
24/4/2017 6:36	61	25/4/2017 23:41	57		
24/4/2017 6:41	64	25/4/2017 23:46	61		
24/4/2017 6:46	63	25/4/2017 23:51	58		
24/4/2017 6:51	64	25/4/2017 23:56	60		
24/4/2017 6:56	64	26/4/2017 0:01	57		
24/4/2017 23:01	61	26/4/2017 0:06	57		
24/4/2017 23:06	59	26/4/2017 0:11	54		
24/4/2017 23:11	59	26/4/2017 0:16	59		
24/4/2017 23:16	60	26/4/2017 0:21	57		
24/4/2017 23:21	59	26/4/2017 0:26	52		
24/4/2017 23:26	58	26/4/2017 0:31	49		
24/4/2017 23:31	58	26/4/2017 0:36	53		
24/4/2017 23:36	59	26/4/2017 0:41	63		
24/4/2017 23:41	63	26/4/2017 0:46	51		
24/4/2017 23:46	58	26/4/2017 0:51	62		
24/4/2017 23:51	63	26/4/2017 0:56	54		
24/4/2017 23:56	59	26/4/2017 1:01	55		
25/4/2017 0:01	57	26/4/2017 1:06	62		
25/4/2017 0:06	58	26/4/2017 1:11	63		
25/4/2017 0:11	52	26/4/2017 1:16	62		
25/4/2017 0:16	53	26/4/2017 1:21	63		
25/4/2017 0:21	52	26/4/2017 1:26	62		
25/4/2017 0:26	54	26/4/2017 1:31	62		
25/4/2017 0:31	48	26/4/2017 1:36	62		
25/4/2017 0:36	54	26/4/2017 1:41	62		
25/4/2017 0:41	57	26/4/2017 1:46	63		

Real-time Noise Data	RTN4 (Causeway Bay Community Centre)			
Normal Day 07:00-19:00	31/3/2017 13:01 70	7/4/2017 7:31 61	12/4/2017 14:01 65	21/4/2017 8:31 63
27/3/2017 7:01 60	31/3/2017 13:31 73	7/4/2017 8:01 63	12/4/2017 14:31 65	21/4/2017 9:01 65
27/3/2017 7:31 60	31/3/2017 14:01 73	7/4/2017 8:31 65	12/4/2017 15:01 66	21/4/2017 9:31 75
27/3/2017 8:01 60	31/3/2017 14:31 70	7/4/2017 9:01 66	12/4/2017 15:31 65	21/4/2017 10:01 77
27/3/2017 8:31 62	31/3/2017 15:01 66	7/4/2017 9:31 63	12/4/2017 16:01 66	21/4/2017 10:31 76
27/3/2017 9:01 63	31/3/2017 15:31 73	7/4/2017 10:01 64	12/4/2017 16:31 66	21/4/2017 11:01 66
27/3/2017 9:31 66	31/3/2017 16:01 74	7/4/2017 10:31 65	12/4/2017 17:01 64	21/4/2017 11:31 63
27/3/2017 10:01 65	31/3/2017 16:31 59	7/4/2017 11:01 67	12/4/2017 17:31 63	21/4/2017 12:01 61
27/3/2017 10:31 65	31/3/2017 17:01 62	7/4/2017 11:31 66	12/4/2017 18:01 62	21/4/2017 12:31 62
27/3/2017 11:01 65	31/3/2017 17:31 62	7/4/2017 12:01 62	12/4/2017 18:31 61	21/4/2017 13:01 73
27/3/2017 11:31 64	31/3/2017 18:01 62	7/4/2017 12:31 62	13/4/2017 7:01 62	21/4/2017 13:31 66
27/3/2017 12:01 61	31/3/2017 18:31 61	7/4/2017 13:01 63	13/4/2017 7:31 62	21/4/2017 14:01 65
27/3/2017 12:31 62	1/4/2017 7:01 62	7/4/2017 13:31 64	13/4/2017 8:01 66	21/4/2017 14:31 65
27/3/2017 13:01 64	1/4/2017 7:31 63	7/4/2017 14:01 64	13/4/2017 8:31 64	21/4/2017 15:01 64
27/3/2017 13:31 65	1/4/2017 8:01 62	7/4/2017 14:31 63	13/4/2017 9:01 63	21/4/2017 15:31 64
27/3/2017 14:01 65	1/4/2017 8:31 63	7/4/2017 15:01 64	13/4/2017 9:31 60	21/4/2017 16:01 58
27/3/2017 14:31 64	1/4/2017 9:01 65	7/4/2017 15:31 65	13/4/2017 10:01 64	21/4/2017 16:31 66
27/3/2017 15:01 64	1/4/2017 9:31 63	7/4/2017 16:01 65	13/4/2017 10:31 66	21/4/2017 17:01 63
27/3/2017 15:31 64	1/4/2017 10:01 63	7/4/2017 16:31 65	13/4/2017 11:01 66	21/4/2017 17:31 62
27/3/2017 16:01 64	1/4/2017 10:31 65	7/4/2017 17:01 62	13/4/2017 11:31 63	21/4/2017 18:01 61
27/3/2017 16:31 64	1/4/2017 11:01 66	7/4/2017 17:31 62	13/4/2017 12:01 63	21/4/2017 18:31 59
27/3/2017 17:01 63	1/4/2017 11:31 64	7/4/2017 18:01 62	13/4/2017 12:31 63	22/4/2017 7:01 60
27/3/2017 17:31 63	1/4/2017 12:01 61	7/4/2017 18:31 62	13/4/2017 13:01 67	22/4/2017 7:31 61
27/3/2017 18:01 61	1/4/2017 12:31 61	8/4/2017 7:01 60	13/4/2017 13:31 67	22/4/2017 8:01 62
27/3/2017 18:31 62	1/4/2017 13:01 63	8/4/2017 7:31 61	13/4/2017 14:01 67	22/4/2017 8:31 64
28/3/2017 7:01 60	1/4/2017 13:31 64	8/4/2017 8:01 62	13/4/2017 14:31 66	22/4/2017 9:01 66
28/3/2017 7:31 61	1/4/2017 14:01 63	8/4/2017 8:31 64	13/4/2017 15:01 67	22/4/2017 9:31 65
28/3/2017 8:01 62	1/4/2017 14:31 65	8/4/2017 9:01 65	13/4/2017 15:31 66	22/4/2017 10:01 64
28/3/2017 8:31 63	1/4/2017 15:01 63	8/4/2017 9:31 64	13/4/2017 16:01 65	22/4/2017 10:31 64
28/3/2017 9:01 64	1/4/2017 15:31 66	8/4/2017 10:01 64	13/4/2017 16:31 65	22/4/2017 11:01 65
28/3/2017 9:31 65	1/4/2017 16:01 68	8/4/2017 10:31 65	13/4/2017 17:01 63	22/4/2017 11:31 63
28/3/2017 10:01 67	1/4/2017 16:31 64	8/4/2017 11:01 64	13/4/2017 17:31 61	22/4/2017 12:01 62
28/3/2017 10:31 68	1/4/2017 17:01 62	8/4/2017 11:31 63	13/4/2017 18:01 61	22/4/2017 12:31 64
28/3/2017 11:01 67	1/4/2017 17:31 62	8/4/2017 12:01 61	13/4/2017 18:31 61	22/4/2017 13:01 64
28/3/2017 11:31 63	1/4/2017 18:01 61	8/4/2017 12:31 62	13/4/2017 19:01 62	22/4/2017 13:31 65
28/3/2017 12:01 61	1/4/2017 18:31 60	8/4/2017 13:01 64	18/4/2017 7:31 62	22/4/2017 14:01 64
28/3/2017 12:31 62	3/4/2017 7:01 62	8/4/2017 13:31 66	18/4/2017 8:01 62	22/4/2017 14:31 65
28/3/2017 13:01 65	3/4/2017 7:31 62	8/4/2017 14:01 66	18/4/2017 8:31 66	22/4/2017 15:01 65
28/3/2017 13:31 65	3/4/2017 8:01 62	8/4/2017 14:31 67	18/4/2017 9:01 68	22/4/2017 15:31 64
28/3/2017 14:01 64	3/4/2017 8:31 67	8/4/2017 15:01 68	18/4/2017 9:31 67	22/4/2017 16:01 64
28/3/2017 14:31 64	3/4/2017 9:01 65	8/4/2017 15:31 66	18/4/2017 10:01 65	22/4/2017 16:31 65
28/3/2017 15:01 63	3/4/2017 9:31 63	8/4/2017 16:01 66	18/4/2017 10:31 66	22/4/2017 17:01 62
28/3/2017 15:31 64	3/4/2017 10:01 63	8/4/2017 16:31 66	18/4/2017 11:01 66	22/4/2017 17:31 63
28/3/2017 16:01 64	3/4/2017 10:31 66	8/4/2017 17:01 63	18/4/2017 11:31 64	22/4/2017 18:01 62
28/3/2017 16:31 64	3/4/2017 11:01 68	8/4/2017 17:31 64	18/4/2017 12:01 62	22/4/2017 18:31 61
28/3/2017 17:01 63	3/4/2017 11:31 63	8/4/2017 18:01 62	18/4/2017 12:31 63	24/4/2017 7:01 60
28/3/2017 17:31 63	3/4/2017 12:01 60	8/4/2017 18:31 62	18/4/2017 13:01 65	24/4/2017 7:31 61
28/3/2017 18:01 62	3/4/2017 12:31 62	10/4/2017 7:01 61	18/4/2017 13:31 66	24/4/2017 8:01 63
28/3/2017 18:31 61	3/4/2017 13:01 66	10/4/2017 7:31 61	18/4/2017 14:01 68	24/4/2017 8:31 64
29/3/2017 7:01 60	3/4/2017 13:31 65	10/4/2017 8:01 65	18/4/2017 14:31 66	24/4/2017 9:01 65
29/3/2017 7:31 61	3/4/2017 14:01 66	10/4/2017 8:31 66	18/4/2017 15:01 65	24/4/2017 9:31 65
29/3/2017 8:01 61	3/4/2017 14:31 72	10/4/2017 9:01 66	18/4/2017 15:31 66	24/4/2017 10:01 66
29/3/2017 8:31 64	3/4/2017 15:01 70	10/4/2017 9:31 65	18/4/2017 16:01 68	24/4/2017 10:31 68
29/3/2017 9:01 64	3/4/2017 15:31 63	10/4/2017 10:01 65	18/4/2017 16:31 64	24/4/2017 11:01 68
29/3/2017 9:31 66	3/4/2017 16:01 63	10/4/2017 10:31 66	18/4/2017 17:01 63	24/4/2017 11:31 64
29/3/2017 10:01 67	3/4/2017 16:31 64	10/4/2017 11:01 66	18/4/2017 17:31 63	24/4/2017 12:01 63
29/3/2017 10:31 67	3/4/2017 17:01 63	10/4/2017 11:31 63	18/4/2017 18:01 63	24/4/2017 12:31 63
29/3/2017 11:01 66	3/4/2017 17:31 63	10/4/2017 12:01 61	18/4/2017 18:31 63	24/4/2017 13:01 66
29/3/2017 11:31 64	3/4/2017 18:01 63	10/4/2017 12:31 62	19/4/2017 7:31 63	24/4/2017 13:31 67
29/3/2017 12:01 62	3/4/2017 18:31 61	10/4/2017 13:01 63	19/4/2017 8:01 62	24/4/2017 14:01 65
29/3/2017 12:31 62	5/4/2017 7:01 60	10/4/2017 13:31 66	19/4/2017 8:31 62	24/4/2017 14:31 66
29/3/2017 13:01 65	5/4/2017 7:31 62	10/4/2017 14:01 67	19/4/2017 9:01 62	24/4/2017 15:01 67
29/3/2017 13:31 65	5/4/2017 8:01 61	10/4/2017 14:31 67	19/4/2017 9:31 70	24/4/2017 15:31 67
29/3/2017 14:01 65	5/4/2017 8:31 71	10/4/2017 15:01 67	19/4/2017 10:01 73	24/4/2017 16:01 65
29/3/2017 14:31 66	5/4/2017 9:01 73	10/4/2017 15:31 66	19/4/2017 10:31 64	24/4/2017 17:01 65
29/3/2017 15:01 60	5/4/2017 9:31 72	10/4/2017 16:01 67	19/4/2017 11:01 65	24/4/2017 17:31 63
29/3/2017 15:31 67	5/4/2017 10:01 73	10/4/2017 16:31 66	19/4/2017 11:31 64	24/4/2017 18:01 62
29/3/2017 16:01 68	5/4/2017 10:31 64	10/4/2017 17:01 64	19/4/2017 12:01 62	24/4/2017 18:31 62
29/3/2017 16:31 66	5/4/2017 11:01 71	10/4/2017 17:31 63	19/4/2017 12:31 62	25/4/2017 7:01 61
29/3/2017 17:01 63	5/4/2017 11:31 63	10/4/2017 18:01 61	19/4/2017 13:01 65	25/4/2017 7:31 61
29/3/2017 17:31 61	5/4/2017 12:01 61	11/4/2017 7:01 62	19/4/2017 13:31 66	25/4/2017 8:01 60
29/3/2017 18:01 60	5/4/2017 12:31 63	11/4/2017 7:31 62	19/4/2017 14:01 64	25/4/2017 8:31 63
29/3/2017 18:31 59	5/4/2017 13:01 68	11/4/2017 8:01 62	19/4/2017 14:31 63	25/4/2017 9:01 65
30/3/2017 7:01 60	5/4/2017 13:31 65	11/4/2017 8:31 66	19/4/2017 15:01 71	25/4/2017 9:31 67
30/3/2017 7:31 61	5/4/2017 14:01 67	11/4/2017 9:01 67	19/4/2017 15:31 69	25/4/2017 10:01 67
30/3/2017 8:01 61	5/4/2017 14:31 69	11/4/2017 9:31 67	19/4/2017 16:01 64	25/4/2017 10:31 66
30/3/2017 8:31 63	5/4/2017 15:01 67	11/4/2017 10:01 67	19/4/2017 16:31 64	25/4/2017 11:01 65
30/3/2017 9:01 64	5/4/2017 15:31 71	11/4/2017 10:31 67	19/4/2017 17:01 63	25/4/2017 11:31 65
30/3/2017 9:31 65	5/4/2017 16:01 70	11/4/2017 11:01 65	19/4/2017 17:31 61	25/4/2017 12:01 62
30/3/2017 10:01 65	5/4/2017 16:31 72	11/4/2017 11:31 63	19/4/2017 18:01 62	25/4/2017 12:31 62
30/3/2017 10:31 64	5/4/2017 17:01 67	11/4/2017 12:01 61	19/4/2017 18:31 61	25/4/2017 13:01 65
30/3/2017 11:01 68	5/4/2017 17:31 63	11/4/2017 12:31 64	20/4/2017 7:01 61	25/4/2017 13:31 65
30/3/2017 11:31 65	5/4/2017 18:01 62	11/4/2017 13:01 65	20/4/2017 7:31 62	25/4/2017 14:01 65
30/3/2017 12:01 61	5/4/2017 18:31 62	11/4/2017 13:31 67	20/4/2017 8:01 62	25/4/2017 14:31 64
30/3/2017 12:31 62	6/4/2017 7:01 60	11/4/2017 14:01 68	20/4/2017 8:31 62	25/4/2017 15:01 64
30/3/2017 13:01 65	6/4/2017 7:31 62	11/4/2017 14:31 67	20/4/2017 9:01 73	25/4/2017 15:31 63
30/3/2017 13:31 66	6/4/2017 8:01 65	11/4/2017 15:01 67	20/4/2017 9:31 46	25/4/2017 16:01 64
30/3/2017 14:01 66	6/4/2017 8:31 63	11/4/2017 15:31 67	20/4/2017 10:01 67	25/4/2017 16:31 64
30/3/2017 14:31 64	6/4/2017 9:01 68	11/4/2017 16:01 66	20/4/2017 10:31 67	25/4/2017 17:01 63
30/3/2017 15:01 64	6/4/2017 9:31 65	11/4/2017 16:31 67	20/4/2017 11:01 66	25/4/2017 17:31 63
30/3/2017 15:31 66	6/4/2017 10:01 65	11/4/2017 17:01 65	20/4/2017 11:31 66	25/4/2017 18:01 62
30/3/2017 16:01 67	6/4/2017 10:31 66	11/4/2017 17:31 62	20/4/2017 12:01 65	25/4/2017 18:31 62
30/3/2017 16:31 63	6/4/2017 11:01 66	11/4/2017 18:01 61	20/4/2017 12:31 65	26/4/2017 7:01 59
30/3/2017 17:01 63	6/4/2017 11:31 65	11/4/2017 18:31 60	20/4/2017 13:01 71	26/4/2017 7:31 61
30/3/2017 17:31 61	6/4/2017 12:01 62	12/4/2017 7:01 61	20/4/2017 13:31 78	26/4/2017 8:01 62
30/3/2017 18:01 61	6/4/2017 12:31 63	12/4/2017 7:31 61	20/4/2017 14:01 77	26/4/2017 8:31 62
30/3/2017 18:31 61	6/4/2017 13:01 70	12/4/2017 8:01 63	20/4/2017 14:31 76	26/4/2017 9:01 64
31/3/2017 7:01 61	6/4/2017 13:31 73	12/4/2017 8:31 66	20/4/2017 15:01 77	26/4/2017 9:31 64
31/3/2017 7:31 61	6/4/2017 14:01 71	12/4/2017 9:01 68	20/4/2017 15:31 65	26/4/2017 10:01 64

Real-time Noise Data	RTN4 (Causeway Bay Community Centre)										
29/3/2017 19:01	60	31/3/2017 20:06	62	2/4/2017 9:11	61	2/4/2017 18:16	46	4/4/2017 7:21	58	4/4/2017 16:26	63
29/3/2017 19:06	60	31/3/2017 20:11	62	2/4/2017 9:16	61	2/4/2017 18:21	61	4/4/2017 7:26	59	4/4/2017 16:31	60
29/3/2017 19:11	63	31/3/2017 20:16	63	2/4/2017 9:21	61	2/4/2017 18:26	61	4/4/2017 7:31	59	4/4/2017 16:36	63
29/3/2017 19:16	61	31/3/2017 20:21	64	2/4/2017 9:26	61	2/4/2017 18:31	61	4/4/2017 7:36	60	4/4/2017 16:41	61
29/3/2017 19:21	59	31/3/2017 20:26	62	2/4/2017 9:31	61	2/4/2017 18:36	63	4/4/2017 7:41	60	4/4/2017 16:46	61
29/3/2017 19:26	60	31/3/2017 20:31	62	2/4/2017 9:36	61	2/4/2017 18:41	60	4/4/2017 7:46	59	4/4/2017 16:51	63
29/3/2017 19:31	62	31/3/2017 20:36	62	2/4/2017 9:41	62	2/4/2017 18:46	62	4/4/2017 7:51	63	4/4/2017 16:56	61
29/3/2017 19:36	61	31/3/2017 20:41	62	2/4/2017 9:46	61	2/4/2017 18:51	61	4/4/2017 7:56	60	4/4/2017 17:01	61
29/3/2017 19:41	62	31/3/2017 20:46	64	2/4/2017 9:51	62	2/4/2017 18:56	61	4/4/2017 8:01	60	4/4/2017 17:06	60
29/3/2017 19:46	61	31/3/2017 20:51	63	2/4/2017 9:56	61	2/4/2017 19:01	61	4/4/2017 8:06	60	4/4/2017 17:11	61
29/3/2017 19:51	62	31/3/2017 20:56	62	2/4/2017 10:01	61	2/4/2017 19:06	61	4/4/2017 8:11	61	4/4/2017 17:16	61
29/3/2017 19:56	61	31/3/2017 21:01	63	2/4/2017 10:06	61	2/4/2017 19:11	61	4/4/2017 8:16	60	4/4/2017 17:21	61
29/3/2017 20:01	61	31/3/2017 21:06	62	2/4/2017 10:11	62	2/4/2017 19:16	60	4/4/2017 8:21	60	4/4/2017 17:26	61
29/3/2017 20:06	61	31/3/2017 21:11	62	2/4/2017 10:16	61	2/4/2017 19:21	61	4/4/2017 8:26	60	4/4/2017 17:31	61
29/3/2017 20:11	60	31/3/2017 21:16	63	2/4/2017 10:21	61	2/4/2017 19:26	61	4/4/2017 8:31	61	4/4/2017 17:36	61
29/3/2017 20:16	63	31/3/2017 21:21	63	2/4/2017 10:26	62	2/4/2017 19:31	60	4/4/2017 8:36	61	4/4/2017 17:41	60
29/3/2017 20:21	60	31/3/2017 21:26	63	2/4/2017 10:31	61	2/4/2017 19:36	61	4/4/2017 8:41	60	4/4/2017 17:46	61
29/3/2017 20:26	61	31/3/2017 21:31	61	2/4/2017 10:36	61	2/4/2017 19:41	61	4/4/2017 8:46	61	4/4/2017 17:51	61
29/3/2017 20:31	60	31/3/2017 21:36	62	2/4/2017 10:41	60	2/4/2017 19:46	60	4/4/2017 8:51	61	4/4/2017 17:56	61
29/3/2017 20:36	60	31/3/2017 21:41	62	2/4/2017 10:46	60	2/4/2017 19:51	60	4/4/2017 8:56	61	4/4/2017 18:01	61
29/3/2017 20:41	60	31/3/2017 21:46	64	2/4/2017 10:51	60	2/4/2017 19:56	60	4/4/2017 9:01	63	4/4/2017 18:06	60
29/3/2017 20:46	61	31/3/2017 21:51	62	2/4/2017 10:56	62	2/4/2017 20:01	60	4/4/2017 9:06	61	4/4/2017 18:11	61
29/3/2017 20:51	60	31/3/2017 21:56	58	2/4/2017 11:01	60	2/4/2017 20:06	60	4/4/2017 9:11	61	4/4/2017 18:16	60
29/3/2017 20:56	60	31/3/2017 22:01	62	2/4/2017 11:06	60	2/4/2017 20:11	60	4/4/2017 9:16	54	4/4/2017 18:21	62
29/3/2017 21:01	60	31/3/2017 22:06	62	2/4/2017 11:11	61	2/4/2017 20:16	61	4/4/2017 9:21	59	4/4/2017 18:26	61
29/3/2017 21:06	61	31/3/2017 22:11	57	2/4/2017 11:16	61	2/4/2017 20:21	59	4/4/2017 9:26	64	4/4/2017 18:31	61
29/3/2017 21:11	61	31/3/2017 22:16	63	2/4/2017 11:21	60	2/4/2017 20:26	61	4/4/2017 9:31	54	4/4/2017 18:36	61
29/3/2017 21:16	61	31/3/2017 22:21	62	2/4/2017 11:26	60	2/4/2017 20:31	60	4/4/2017 9:36	61	4/4/2017 18:41	61
29/3/2017 21:21	60	31/3/2017 22:26	60	2/4/2017 11:31	61	2/4/2017 20:36	61	4/4/2017 9:41	63	4/4/2017 18:46	60
29/3/2017 21:26	59	31/3/2017 22:31	62	2/4/2017 11:36	61	2/4/2017 20:41	59	4/4/2017 9:46	62	4/4/2017 18:51	59
29/3/2017 21:31	59	31/3/2017 22:36	62	2/4/2017 11:41	62	2/4/2017 20:46	60	4/4/2017 9:51	61	4/4/2017 18:56	60
29/3/2017 21:36	61	31/3/2017 22:41	62	2/4/2017 11:46	61	2/4/2017 20:51	60	4/4/2017 9:56	48	4/4/2017 19:01	60
29/3/2017 21:41	61	31/3/2017 22:46	62	2/4/2017 11:51	60	2/4/2017 20:56	60	4/4/2017 10:01	65	4/4/2017 19:06	62
29/3/2017 21:46	60	31/3/2017 22:51	63	2/4/2017 11:56	60	2/4/2017 21:01	61	4/4/2017 10:06	63	4/4/2017 19:11	60
29/3/2017 21:51	60	31/3/2017 22:56	61	2/4/2017 12:01	61	2/4/2017 21:06	60	4/4/2017 10:11	63	4/4/2017 19:16	60
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30/3/2017 19:21	62	1/4/2017 20:26	61	2/4/2017 13:31	61	2/4/2017 22:36	59	4/4/2017 11:41	49	4/4/2017 20:46	60
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30/3/2017 19:51	61	1/4/2017 20:56	61	2/4/2017 14:01	60	3/4/2017 19:06	61	4/4/2017 12:11	61	4/4/2017 21:16	61
30/3/2017 19:56	62	1/4/2017 21:01	60	2/4/2017 14:06	61	3/4/2017 19:11	62	4/4/2017 12:16	61	4/4/2017 21:21	60
30/3/2017 20:01	62	1/4/2017 21:06	60	2/4/2017 14:11	61	3/4/2017 19:16	62	4/4/2017 12:21	61	4/4/2017 21:26	59
30/3/2017 20:06	61	1/4/2017 21:11	61	2/4/2017 14:16	61	3/4/2017 19:21	61	4/4/2017 12:26	60	4/4/2017 21:31	60
30/3/2017 20:11	61	1/4/2017 21:16	62	2/4/2017 14:21	61	3/4/2017 19:26	62	4/4/2017 12:31	61	4/4/2017 21:36	60
30/3/2017 20:16	61	1/4/2017 21:21	61	2/4/2017 14:26	61	3/4/2017 19:31	61	4/4/2017 12:36	61	4/4/2017 21:41	60
30/3/2017 20:21	61	1/4/2017 21:26	60	2/4/2017 14:31	61	3/4/2017 19:36	61	4/4/2017 12:41	61	4/4/2017 21:46	61
30/3/2017 20:26	60	1/4/2017 21:31	60	2/4/2017 14:36	61	3/4/2017 19:41	61	4/4/2017 12:46	46	4/4/2017 21:51	59
30/3/2017 20:31	62	1/4/2017 21:36	60	2/4/2017 14:41	61	3/4/2017 19:46	61	4/4/2017 12:51	63	4/4/2017 21:56	59
30/3/2017 20:36	60	1/4/2017 21:41	61	2/4/2017 14:46	61	3/4/2017 19:51	62	4/4/2017 12:56	62	4/4/2017 22:01	59
30/3/2017 20:41	61	1/4/2017 21:46	60	2/4/2017 14:51	61	3/4/2017 19:56	61	4/4/2017 13:01	61	4/4/2017 22:06	59
30/3/2017 20:46	62	1/4/2017 21:51	60	2/4/2017 14:56	61	3/4/2017 20:01	60	4/4/2017 13:06	61	4/4/2017 22:11	60
30/3/2017 20:51	60	1/4/2017 21:56	60	2/4/2017 15:01	61	3/4/2017 20:06	62	4/4/2017 13:11	61	4/4/2017 22:16	60
30/3/2017 20:56	60	1/4/2017 22:01	62	2/4/2017 15:06	62	3/4/2017 20:11	61	4/4/2017 13:16	61	4/4/2017 22:21	58
30/3/2017 21:01	61	1/4/2017 22:06	60	2/4/2017 15:11	61	3/4/2017 20:16	60	4/4/2017 13:21	61	4/4/2017 22:26	58
30/3/2017 21:06	61	1/4/2017 22:11	60	2/4/2017 15:16	61	3/4/2017 20:21	62	4/4/2017 13:26	63	4/4/2017 22:31	60
30/3/2017 21:11	61	1/4/2017 22:16	61	2/4/2017 15:21	60	3/4/2017 20:26	61	4/4/2017 13:31	53	4/4/2017 22:36	59
30/3/2017 21:16	61	1/4/2017 22:21	60	2/4/2017 15:26	61	3/4/2017 20:31	60	4/4/2017 13:36	63	4/4/2017 2	

Real-time Noise Data		RTN4 (Causeway Bay Community Centre)									
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5/4/2017 21:36	62	7/4/2017 22:41	62	9/4/2017 11:46	62	9/4/2017 20:51	60	11/4/2017 21:56	59	14/4/2017 7:01	59
5/4/2017 21:41	60	7/4/2017 22:46	60	9/4/2017 11:51	61	9/4/2017 20:56	59	11/4/2017 22:01	59	14/4/2017 7:06	60
5/4/2017 21:46	62	7/4/2017 22:51	60	9/4/2017 11:56	61	9/4/2017 21:01	59	11/4/2017 22:06	60	14/4/2017 7:11	59
5/4/2017 21:51	60	7/4/2017 22:56	59	9/4/2017 12:01	62	9/4/2017 21:06	59	11/4/2017 22:11	60	14/4/2017 7:16	59
5/4/2017 21:56	59	8/4/2017 19:01	61	9/4/2017 12:06	61	9/4/2017 21:11	59	11/4/2017 22:16	60	14/4/2017 7:21	60
5/4/2017 22:01	60	8/4/2017 19:06	60	9/4/2017 12:11	60	9/4/2017 21:16	59	11/4/2017 22:21	60	14/4/2017 7:26	59
5/4/2017 22:06	60	8/4/2017 19:11	62	9/4/2017 12:16	61	9/4/2017 21:21	59	11/4/2017 22:26	60	14/4/2017 7:31	59
5/4/2017 22:11	60	8/4/2017 19:16	61	9/4/2017 12:21	61	9/4/2017 21:26	58	11/4/2017 22:31	60	14/4/2017 7:36	59
5/4/2017 22:16	59	8/4/2017 19:21	62	9/4/2017 12:26	50	9/4/2017 21:31	60	11/4/2017 22:36	60	14/4/2017 7:41	61
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5/4/2017 22:36	59	8/4/2017 19:41	62	9/4/2017 12:46	62	9/4/2017 21:51	59	11/4/2017 22:56	60	14/4/2017 8:01	60
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6/4/2017 19:21	62	8/4/2017 20:26	60	9/4/2017 13:31	61	9/4/2017 22:36	59	12/4/2017 19:41	63	14/4/2017 8:46	61
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6/4/2017 19:36	62	8/4/2017 20:41	60	9/4/2017 13:46	62	9/4/2017 22:51	59	12/4/2017 19:56	63	14/4/2017 9:01	61
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6/4/2017 19:46	62	8/4/2017 20:51	60	9/4/2017 13:56	62	10/4/2017 19:01	61	12/4/2017 20:06	62	14/4/2017 9:11	62
6/4/2017 19:51	61	8/4/2017 20:56	60	9/4/2017 14:01	62	10/4/2017 19:06	61	12/4/2017 20:11	63	14/4/2017 9:16	61
6/4/2017 19:56	62	8/4/2017 21:01	60	9/4/2017 14:06	61	10/4/2017 19:11	61	12/4/2017 20:16	63	14/4/2017 9:21	61
6/4/2017 20:01	61	8/4/2017 21:06	60	9/4/2017 14:11	62	10/4/2017 19:16	61	12/4/2017 20:21	62	14/4/2017 9:26	60
6/4/2017 20:06	61	8/4/2017 21:11	60	9/4/2017 14:16	61	10/4/2017 19:21	61	12/4/2017 20:26	62	14/4/2017 9:31	61
6/4/2017 20:11	62	8/4/2017 21:16	63	9/4/2017 14:21	61	10/4/2017 19:26	61	12/4/2017 20:31	63	14/4/2017 9:36	61
6/4/2017 20:16	61	8/4/2017 21:21	62	9/4/2017 14:26	61	10/4/2017 19:31	61	12/4/2017 20:36	64	14/4/2017 9:41	61
6/4/2017 20:21	61	8/4/2017 21:26	61	9/4/2017 14:31	61	10/4/2017 19:36	61	12/4/2017 20:41	61	14/4/2017 9:46	61
6/4/2017 20:26	62	8/4/2017 21:31	61	9/4/2017 14:36	61	10/4/2017 19:41	61	12/4/2017 20:46	63	14/4/2017 9:51	61
6/4/2017 20:31	61	8/4/2017 21:36	61	9/4/2017 14:41	61	10/4/2017 19:46	61	12/4/2017 20:51	62	14/4/2017 9:56	62
6/4/2017 20:36	61	8/4/2017 21:41	61	9/4/2017 14:46	61	10/4/2017 19:51	61	12/4/2017 20:56	62	14/4/2017 10:01	61
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6/4/2017 20:46	61	8/4/2017 21:51	59	9/4/2017 14:56	61	10/4/2017 20:01	61	12/4/2017 21:06	61	14/4/2017 10:11	61
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6/4/2017 22:01	60	9/4/2017 7:06	59	9/4/2017 16:11	62	10/4/2017 21:16	60	12/4/2017 22:21	61	14/4/2017 11:26	61
6/4/2017 22:06	61	9/4/2017 7:11	61	9/4/2017 16:16	61	10/4/2017 21:21	60	12/4/2017 22:26	61	14/4/2017 11:31	61
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6/4/2017 22:16	61	9/4/2017 7:21	61	9/4/2017 16:26	62	10/4/2017 21:31	59	12/4/2017 22:36	61	14/4/2017 11:41	60
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6/4/2017 22:41	60	9/4/2017 7:46	60	9/4/2017 16:51	62	10/4/2017 21:56	60	13/4/2017 19:01	60	14/4/2017 12:06	60
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6/4/2017 22:51	60	9/4/2017 7:56	59	9/4/2017 17:01	61	10/4/2017 22:06	60	13/4/2017 19:11	60	14/4/2017 12:16	60
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7/4/2017 19:11	61	9/4/2017 8:16	60	9/4/2017 17:21	61	10/4/2017 22:26	61	13/4/2017 19:31	61	14/4/2017 12:36	61
7/4/2017 19:16	54	9/4/2017 8:21	61	9/4/2017 17:26	61	10/4/2017 22:31	60	13/4/2017 19:36	61	14/4/2017 12:41	61
7/4/2017 19:21	61	9/4/2017 8:26	60	9/4/2017 17:31	61	10/4/2017 22:36	59	13/4/2017 19:41	63	14/4/2017 12:46	61
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7/4/2017 19:31	61	9/4/2017 8:36	60	9/4/2017 17:41	62	10/4/2017 22:46	59	13/4/2017 19:51	62	14/4/2017 12:56	61
7/4/2017 19:36	60	9/4/2017 8:41	60	9/4/2017 17:46	62	10/4/2017 22:51	59	13/4/2017 19:56	61	14/4/2017 13:01	62
7/4/2017 19:41	61	9/4/2017 8:46	60	9/4/2017 17:51	62	10/4/2017 22:56	59	13/4/2017 20:01	62	14/4/2017 13:06	61
7/4/2017 19:46	62	9/4/2017 8:51	60								

Real-time Noise Data	RTN4 (Causeway Bay Community Centre)					
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Real-time Noise Data	RTN4 (Causeway Bay Community Centre)				
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18/4/2017 20:36 62	20/4/2017 21:41 60	22/4/2017 22:46 59	23/4/2017 15:51 61	24/4/2017 20:56 62	26/4/2017 22:01 61
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18/4/2017 20:46 62	20/4/2017 21:51 60	22/4/2017 22:56 61	23/4/2017 16:01 61	24/4/2017 21:06 62	26/4/2017 22:11 63
18/4/2017 20:51 62	20/4/2017 21:56 59	23/4/2017 7:01 61	23/4/2017 16:06 60	24/4/2017 21:11 61	26/4/2017 22:16 60
18/4/2017 20:56 62	20/4/2017 22:01 60	23/4/2017 7:06 59	23/4/2017 16:11 60	24/4/2017 21:16 61	26/4/2017 22:21 60
18/4/2017 21:01 62	20/4/2017 22:06 59	23/4/2017 7:11 60	23/4/2017 16:16 61	24/4/2017 21:21 63	26/4/2017 22:26 60
18/4/2017 21:06 61	20/4/2017 22:11 60	23/4/2017 7:16 59	23/4/2017 16:21 61	24/4/2017 21:26 62	26/4/2017 22:31 61
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18/4/2017 21:36 61	20/4/2017 22:41 60	23/4/2017 7:46 60	23/4/2017 16:51 62	24/4/2017 21:56 62	
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18/4/2017 21:51 61	20/4/2017 22:56 59	23/4/2017 8:01 61	23/4/2017 17:06 62	24/4/2017 22:11 61	27/3/2017 0:01 57
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18/4/2017 22:11 60	21/4/2017 19:16 63	23/4/2017 8:21 61	23/4/2017 17:26 62	24/4/2017 22:31 61	27/3/2017 0:21 56
18/4/2017 22:16 61	21/4/2017 19:21 61	23/4/2017 8:26 60	23/4/2017 17:31 62	24/4/2017 22:36 61	27/3/2017 0:26 57
18/4/2017 22:21 61	21/4/2017 19:26 61	23/4/2017 8:31 61	23/4/2017 17:36 63	24/4/2017 22:41 61	27/3/2017 0:31 59
18/4/2017 22:26 62	21/4/2017 19:31 61	23/4/2017 8:36 62	23/4/2017 17:41 61	24/4/2017 22:46 60	27/3/2017 0:36 56
18/4/2017 22:31 60	21/4/2017 19:36 60	23/4/2017 8:41 60	23/4/2017 17:46 61	24/4/2017 22:51 61	27/3/2017 0:41 57
18/4/2017 22:36 60	21/4/2017 19:41 62	23/4/2017 8:46 61	23/4/2017 17:51 61	24/4/2017 22:56 60	27/3/2017 0:46 56
18/4/2017 22:41 61	21/4/2017 19:46 62	23/4/2017 8:51 61	23/4/2017 17:56 62	25/4/2017 19:01 61	27/3/2017 0:51 56
18/4/2017 22:46 61	21/4/2017 19:51 62	23/4/2017 8:56 61	23/4/2017 18:01 62	25/4/2017 19:06 60	27/3/2017 0:56 57
18/4/2017 22:51 61	21/4/2017 19:56 62	23/4/2017 9:01 60	23/4/2017 18:06 61	25/4/2017 19:11 60	27/3/2017 1:01 57
18/4/2017 22:56 61	21/4/2017 20:01 61	23/4/2017 9:06 62	23/4/2017 18:11 61	25/4/2017 19:16 61	27/3/2017 1:06 56
19/4/2017 19:01 61	21/4/2017 20:06 61	23/4/2017 9:11 61	23/4/2017 18:16 61	25/4/2017 19:21 60	27/3/2017 1:11 56
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19/4/2017 19:11 61	21/4/2017 20:16 62	23/4/2017 9:21 62	23/4/2017 18:26 61	25/4/2017 19:31 60	27/3/2017 1:21 57
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19/4/2017 19:46 61	21/4/2017 20:51 60	23/4/2017 9:56 62	23/4/2017 19:01 61	25/4/2017 20:06 61	27/3/2017 1:56 55
19/4/2017 19:51 61	21/4/2017 20:56 61	23/4/2017 10:01 61	23/4/2017 19:06 64	25/4/2017 20:11 63	27/3/2017 2:01 54
19/4/2017 19:56 61	21/4/2017 21:01 61	23/4/2017 10:06 61	23/4/2017 19:11 61	25/4/2017 20:16 62	27/3/2017 2:06 55
19/4/2017 20:01 61	21/4/2017 21:06 61	23/4/2017 10:11 61	23/4/2017 19:16 61	25/4/2017 20:21 61	27/3/2017 2:11 55
19/4/2017 20:06 61	21/4/2017 21:11 60	23/4/2017 10:16 61	23/4/2017 19:21 60	25/4/2017 20:26 61	27/3/2017 2:16 54
19/4/2017 20:11 61	21/4/2017 21:16 60	23/4/2017 10:21 62	23/4/2017 19:26 61	25/4/2017 20:31 62	27/3/2017 2:21 55
19/4/2017 20:16 61	21/4/2017 21:21 62	23/4/2017 10:26 62	23/4/2017 19:31 61	25/4/2017 20:36 61	27/3/2017 2:26 54
19/4/2017 20:21 60	21/4/2017 21:26 60	23/4/2017 10:31 62	23/4/2017 19:36 60	25/4/2017 20:41 62	27/3/2017 2:31 56
19/4/2017 20:26 61	21/4/2017 21:31 61	23/4/2017 10:36 60	23/4/2017 19:41 61	25/4/2017 20:46 61	27/3/2017 2:36 54
19/4/2017 20:31 60	21/4/2017 21:36 60	23/4/2017 10:41 60	23/4/2017 19:46 62	25/4/2017 20:51 61	27/3/2017 2:41 54
19/4/2017 20:36 60	21/4/2017 21:41 61	23/4/2017 10:46 60	23/4/2017 19:51 61	25/4/2017 20:56 61	27/3/2017 2:46 54
19/4/2017 20:41 61	21/4/2017 21:46 61	23/4/2017 10:51 61	23/4/2017 19:56 60	25/4/2017 21:01 61	27/3/2017 2:51 54
19/4/2017 20:46 61	21/4/2017 21:51 60	23/4/2017 10:56 61	23/4/2017 20:01 59	25/4/2017 21:06 62	27/3/2017 2:56 55
19/4/2017 20:51 60	21/4/2017 21:56 60	23/4/2017 11:01 60	23/4/2017 20:06 60	25/4/2017 21:11 62	27/3/2017 3:01 54
19/4/2017 20:56 60	21/4/2017 22:01 60	23/4/2017 11:06 61	23/4/2017 20:11 61	25/4/2017 21:16 61	27/3/2017 3:06 56
19/4/2017 21:01 60	21/4/2017 22:06 60	23/4/2017 11:11 62	23/4/2017 20:16 61	25/4/2017 21:21 61	27/3/2017 3:11 53
19/4/2017 21:06 61	21/4/2017 22:11 60	23/4/2017 11:16 62	23/4/2017 20:21 61	25/4/2017 21:26 61	27/3/2017 3:16 54
19/4/2017 21:11 60	21/4/2017 22:16 60	23/4/2017 11:21 61	23/4/2017 20:26 60	25/4/2017 21:31 61	27/3/2017 3:21 53
19/4/2017 21:16 60	21/4/2017 22:21 61	23/4/2017 11:26 60	23/4/2017 20:31 60	25/4/2017 21:36 61	27/3/2017 3:26 55
19/4/2017 21:21 61	21/4/2017 22:26 60	23/4/2017 11:31 60	23/4/2017 20:36 60	25/4/2017 21:41 62	27/3/2017 3:31 53
19/4/2017 21:26 60	21/4/2017 22:31 60	23/4/2017 11:36 61	23/4/2017 20:41 60	25/4/2017 21:46 60	27/3/2017 3:36 55
19/4/2017 21:31 59	21/4/2017 22:36 60	23/4/2017 11:41 60	23/4/2017 20:46 60	25/4/2017 21:51 61	27/3/2017 3:41 54
19/4/2017 21:36 59	21/4/2017 22:41 60	23/4/2017 11:46 60	23/4/2017 20:51 60	25/4/2017 21:56 62	27/3/2017 3:46 54
19/4/2017 21:41 60	21/4/2017 22:46 59	23/4/2017 11:51 61	23/4/2017 20:56 60	25/4/2017 22:01 60	27/3/2

Real-time Noise Data		RTN4 (Causeway Bay Community Centre)									
27/3/2017 5:46	57	28/3/2017 6:51	50	29/3/2017 23:56	58	31/3/2017 1:01	57	1/4/2017 2:06	60	2/4/2017 3:11	57
27/3/2017 5:51	58	28/3/2017 6:56	60	30/3/2017 0:01	58	31/3/2017 1:06	57	1/4/2017 2:11	59	2/4/2017 3:16	56
27/3/2017 5:56	57	28/3/2017 23:01	60	30/3/2017 0:06	58	31/3/2017 1:11	57	1/4/2017 2:16	59	2/4/2017 3:21	56
27/3/2017 6:01	56	28/3/2017 23:06	59	30/3/2017 0:11	57	31/3/2017 1:16	57	1/4/2017 2:21	60	2/4/2017 3:26	56
27/3/2017 6:06	58	28/3/2017 23:11	59	30/3/2017 0:16	58	31/3/2017 1:21	56	1/4/2017 2:26	59	2/4/2017 3:31	56
27/3/2017 6:11	58	28/3/2017 23:16	58	30/3/2017 0:21	58	31/3/2017 1:26	57	1/4/2017 2:31	59	2/4/2017 3:36	55
27/3/2017 6:16	59	28/3/2017 23:21	59	30/3/2017 0:26	58	31/3/2017 1:31	56	1/4/2017 2:36	60	2/4/2017 3:41	55
27/3/2017 6:21	59	28/3/2017 23:26	59	30/3/2017 0:31	58	31/3/2017 1:36	56	1/4/2017 2:41	59	2/4/2017 3:46	56
27/3/2017 6:26	60	28/3/2017 23:31	59	30/3/2017 0:36	59	31/3/2017 1:41	55	1/4/2017 2:46	59	2/4/2017 3:51	57
27/3/2017 6:31	60	28/3/2017 23:36	58	30/3/2017 0:41	58	31/3/2017 1:46	57	1/4/2017 2:51	59	2/4/2017 3:56	55
27/3/2017 6:36	45	28/3/2017 23:41	58	30/3/2017 0:46	57	31/3/2017 1:51	57	1/4/2017 2:56	59	2/4/2017 4:01	57
27/3/2017 6:41	52	28/3/2017 23:46	59	30/3/2017 0:51	57	31/3/2017 1:56	57	1/4/2017 3:01	59	2/4/2017 4:06	54
27/3/2017 6:46	54	28/3/2017 23:51	58	30/3/2017 0:56	57	31/3/2017 2:01	55	1/4/2017 3:06	59	2/4/2017 4:11	56
27/3/2017 6:51	60	28/3/2017 23:56	58	30/3/2017 1:01	57	31/3/2017 2:06	55	1/4/2017 3:11	59	2/4/2017 4:16	55
27/3/2017 6:56	60	29/3/2017 0:01	57	30/3/2017 1:06	57	31/3/2017 2:11	56	1/4/2017 3:16	59	2/4/2017 4:21	56
27/3/2017 23:01	43	29/3/2017 0:06	58	30/3/2017 1:11	58	31/3/2017 2:16	57	1/4/2017 3:21	58	2/4/2017 4:26	55
27/3/2017 23:06	59	29/3/2017 0:11	58	30/3/2017 1:16	57	31/3/2017 2:21	56	1/4/2017 3:26	59	2/4/2017 4:31	55
27/3/2017 23:11	59	29/3/2017 0:16	58	30/3/2017 1:21	57	31/3/2017 2:26	55	1/4/2017 3:31	60	2/4/2017 4:36	55
27/3/2017 23:16	59	29/3/2017 0:21	58	30/3/2017 1:26	56	31/3/2017 2:31	56	1/4/2017 3:36	59	2/4/2017 4:41	55
27/3/2017 23:21	59	29/3/2017 0:26	58	30/3/2017 1:31	56	31/3/2017 2:36	54	1/4/2017 3:41	59	2/4/2017 4:46	55
27/3/2017 23:26	59	29/3/2017 0:31	58	30/3/2017 1:36	56	31/3/2017 2:41	54	1/4/2017 3:46	59	2/4/2017 4:51	55
27/3/2017 23:31	58	29/3/2017 0:36	56	30/3/2017 1:41	56	31/3/2017 2:46	55	1/4/2017 3:51	59	2/4/2017 4:56	55
27/3/2017 23:36	57	29/3/2017 0:41	57	30/3/2017 1:46	57	31/3/2017 2:51	55	1/4/2017 3:56	59	2/4/2017 5:01	55
27/3/2017 23:41	57	29/3/2017 0:46	56	30/3/2017 1:51	56	31/3/2017 2:56	57	1/4/2017 4:01	59	2/4/2017 5:06	56
27/3/2017 23:46	57	29/3/2017 0:51	56	30/3/2017 1:56	56	31/3/2017 3:01	53	1/4/2017 4:06	59	2/4/2017 5:11	55
27/3/2017 23:51	57	29/3/2017 0:56	56	30/3/2017 2:01	57	31/3/2017 3:06	55	1/4/2017 4:11	58	2/4/2017 5:16	55
27/3/2017 23:56	57	29/3/2017 1:01	57	30/3/2017 2:06	55	31/3/2017 3:11	54	1/4/2017 4:16	59	2/4/2017 5:21	56
28/3/2017 0:01	57	29/3/2017 1:06	56	30/3/2017 2:11	56	31/3/2017 3:16	55	1/4/2017 4:21	59	2/4/2017 5:26	56
28/3/2017 0:06	56	29/3/2017 1:11	56	30/3/2017 2:16	55	31/3/2017 3:21	55	1/4/2017 4:26	59	2/4/2017 5:31	56
28/3/2017 0:11	57	29/3/2017 1:16	56	30/3/2017 2:21	54	31/3/2017 3:26	55	1/4/2017 4:31	59	2/4/2017 5:36	56
28/3/2017 0:16	58	29/3/2017 1:21	56	30/3/2017 2:26	55	31/3/2017 3:31	55	1/4/2017 4:36	58	2/4/2017 5:41	56
28/3/2017 0:21	57	29/3/2017 1:26	58	30/3/2017 2:31	55	31/3/2017 3:36	54	1/4/2017 4:41	59	2/4/2017 5:46	56
28/3/2017 0:26	56	29/3/2017 1:31	55	30/3/2017 2:36	56	31/3/2017 3:41	54	1/4/2017 4:46	59	2/4/2017 5:51	58
28/3/2017 0:31	56	29/3/2017 1:36	55	30/3/2017 2:41	55	31/3/2017 3:46	54	1/4/2017 4:51	58	2/4/2017 5:56	57
28/3/2017 0:36	56	29/3/2017 1:41	56	30/3/2017 2:46	56	31/3/2017 3:51	55	1/4/2017 4:56	59	2/4/2017 6:01	56
28/3/2017 0:41	57	29/3/2017 1:46	56	30/3/2017 2:51	55	31/3/2017 3:56	54	1/4/2017 5:01	58	2/4/2017 6:06	57
28/3/2017 0:46	56	29/3/2017 1:51	55	30/3/2017 2:56	55	31/3/2017 4:01	54	1/4/2017 5:06	59	2/4/2017 6:11	59
28/3/2017 0:51	56	29/3/2017 1:56	55	30/3/2017 3:01	54	31/3/2017 4:06	54	1/4/2017 5:11	59	2/4/2017 6:16	59
28/3/2017 0:56	57	29/3/2017 2:01	55	30/3/2017 3:06	54	31/3/2017 4:11	55	1/4/2017 5:16	58	2/4/2017 6:21	60
28/3/2017 1:01	56	29/3/2017 2:06	55	30/3/2017 3:11	55	31/3/2017 4:16	55	1/4/2017 5:21	59	2/4/2017 6:26	60
28/3/2017 1:06	57	29/3/2017 2:11	55	30/3/2017 3:16	54	31/3/2017 4:21	55	1/4/2017 5:26	59	2/4/2017 6:31	60
28/3/2017 1:11	56	29/3/2017 2:16	55	30/3/2017 3:21	54	31/3/2017 4:26	55	1/4/2017 5:31	60	2/4/2017 6:36	59
28/3/2017 1:16	56	29/3/2017 2:21	56	30/3/2017 3:26	55	31/3/2017 4:31	54	1/4/2017 5:36	59	2/4/2017 6:41	59
28/3/2017 1:21	55	29/3/2017 2:26	55	30/3/2017 3:31	55	31/3/2017 4:36	55	1/4/2017 5:41	59	2/4/2017 6:46	59
28/3/2017 1:26	55	29/3/2017 2:31	55	30/3/2017 3:36	55	31/3/2017 4:41	54	1/4/2017 5:46	59	2/4/2017 6:51	60
28/3/2017 1:31	56	29/3/2017 2:36	55	30/3/2017 3:41	54	31/3/2017 4:46	54	1/4/2017 5:51	59	2/4/2017 6:56	59
28/3/2017 1:36	56	29/3/2017 2:41	55	30/3/2017 3:46	56	31/3/2017 4:51	55	1/4/2017 5:56	60	2/4/2017 23:01	58
28/3/2017 1:41	56	29/3/2017 2:46	55	30/3/2017 3:51	55	31/3/2017 4:56	55	1/4/2017 6:01	60	2/4/2017 23:06	59
28/3/2017 1:46	55	29/3/2017 2:51	54	30/3/2017 3:56	54	31/3/2017 5:01	54	1/4/2017 6:06	60	2/4/2017 23:11	58
28/3/2017 1:51	56	29/3/2017 2:56	55	30/3/2017 4:01	54	31/3/2017 5:06	55	1/4/2017 6:11	60	2/4/2017 23:16	59
28/3/2017 1:56	55	29/3/2017 3:01	53	30/3/2017 4:06	55	31/3/2017 5:11	55	1/4/2017 6:16	61	2/4/2017 23:21	58
28/3/2017 2:01	56	29/3/2017 3:06	54	30/3/2017 4:11	54	31/3/2017 5:16	55	1/4/2017 6:21	62	2/4/2017 23:26	58
28/3/2017 2:06	56	29/3/2017 3:11	54	30/3/2017 4:16	55	31/3/2017 5:21	56	1/4/2017 6:26	61	2/4/2017 23:31	57
28/3/2017 2:11	55	29/3/2017 3:16	53	30/3/2017 4:21	55	31/3/2017 5:26	55	1/4/2017 6:31	49	2/4/2017 23:36	59
28/3/2017 2:16	54	29/3/2017 3:21	54	30/3/2017 4:26	55	31/3/2017 5:31	55	1/4/2017 6:36	52	2/4/2017 23:41	58
28/3/2017 2:21	55	29/3/2017 3:26	55	30/3/2017 4:31	54	31/3/2017 5:36	56	1/4/2017 6:41	47	2/4/2017 23:46	57
28/3/2017 2:26	53	29/3/2017 3:31	55	30/3/2017 4:36	55	31/3/2017 5:41	56	1/4/2017 6:46	48	2/4/2017 23:51	58
28/3/2017 2:31	54	29/3/2017 3:36	55	30/3/2017 4:41	54	31/3/2017 5:46	56	1/4/2017 6:51	54	2/4/2017 23:56	57
28/3/2017 2:36	55	29/3/2017 3:41	55	30/3/2017 4:46	54	31/3/2017 5:51	56	1/4/2017 6:56	49	3/4/2017 0:01	57
28/3/2017 2:41	54	29/3/2017 3:46	55	30/3/2017 4:51	55	31/3/2017 5:56	57	1/4/2017 7:01	59	3/4/2017 0:06	57
28/3/2017 2:46	55	29/3/2017 3:51	55	30/3/2017 4:56	54	31/3/2017 6:01	57	1/4/2017 7:06	60	3/4/2017 0:11	58
28/3/2017 2:51	56	29/3/2017 3:56	54	30/3/2017 5:01	55	31/3/2017 6:06	59	1/4/2017 7:11	59	3/4/2017 0:16	57
28/3/2017 2:56	54	29/3/2017 4:01	55	30/3/2017 5:06	54	31/3/2017 6:11	58	1/4/2017 7:16	59	3/4/2017 0:21	58
28/3/2017 3:01	54	29/3/2017 4:06	56	30/3/2017 5:11	54	31/3/2017 6:16	59	1/4/2017 7:21	60	3/4/2017 0:26	56
28/3/2017 3:06	54	29/3/2017 4:11	56	30/3/2017 5:16	55	31/3/2017 6:21	60	1/4/2017 7:26	60	3/4/2017 0:31	57
28/3/2017 3:11	55	29/3/2017 4:16	54	30/3/2017 5:21	56	31/3/2017 6:26	60	1/4/2017 7:31	59	3/4/2017 0:36	57
28/3/2017 3:16	54	29/3/2017 4:21	55	30/3/2017 5:26	56	31/3/2017 6:31	59	1/4/2017 7:36	59	3/4/2017 0:41	57
28/3/2017 3:21	56	29/3/2017 4:26	56	30/3/2017 5:31	56	31/3/2017 6:36	61	1/4/2017 7:41	59	3/4/2017 0:46	56
28/3/2017 3:26	54	29/3/2017 4:31	54	30/3/2017 5:36	56	31/3/2017 6:41	61	1/4/2017 7:46	59	3/4/2017 0:51	56
28/3/2017 3:31	54	29/3/2017 4:36	55	30/3/2017 5:41	57	31/3/2017 6:46	61	1/4/2017 7:51	59	3/4/2017 0:56	55
28/3/2017 3:36	54	29/3/2017 4:41	55	30/3/2017 5:46	57	31/3/2017 6:51	61	1/4/2017 7:56	60	3/4/2017 1:01	57
28/3/2017 3:41	54	29/3/2017 4:46	54	30/3/2017 5:51	58	31/3/2017 6:56	61	2/4/2017 0:01	59	3/4/2017 1:06	56
28/3/2017 3:46	55	29/3/2017 4:51	55	30/3/2017 5:56	56	31/3/2017 7:01	54	2/4/2017 0:06	59	3/4/2017 1:11	57
28/3/2017 3:51	56	29/3/2017 4:56	55	30/3/2017 6:01	57	31/3/2017 7:06	57	2/4/2017 0:11	58	3/4/2017 1:16	55
28/3/2017 3:56	53	29/3/2017 5:01	55	30/3/2017 6:06	58	31/3/2017 7:11	50	2/4/2017 0:16	59	3/4/2017 1:21	54
28/3/2017 4:01	54	29/3/2017 5:06	55	30/3/2017 6:11	58	31/3/2017 7:16	51	2/4/2017 0:21	59	3/4/2017 1:26	55
28/3/2017 4:06	55	29/3/2017 5:11	55	30/3/2017 6:16	59	31/3/2017 7:21	52	2/4/2017 0:26	59	3/4/2017 1:31	55

Real-time Noise Data		RTN4 (Causeway Bay Community Centre)									
3/4/2017 4:16	54	4/4/2017 5:21	56	5/4/2017 6:26	55	6/4/2017 23:31	59	8/4/2017 0:36	59	9/4/2017 1:41	57
3/4/2017 4:21	55	4/4/2017 5:26	55	5/4/2017 6:31	60	6/4/2017 23:36	59	8/4/2017 0:41	58	9/4/2017 1:46	57
3/4/2017 4:26	56	4/4/2017 5:31	56	5/4/2017 6:36	45	6/4/2017 23:41	59	8/4/2017 0:46	58	9/4/2017 1:51	57
3/4/2017 4:31	55	4/4/2017 5:36	56	5/4/2017 6:41	61	6/4/2017 23:46	59	8/4/2017 0:51	58	9/4/2017 1:56	57
3/4/2017 4:36	54	4/4/2017 5:41	55	5/4/2017 6:46	60	6/4/2017 23:51	59	8/4/2017 0:56	58	9/4/2017 2:01	57
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4/4/2017 2:46	56	5/4/2017 3:51	54	6/4/2017 4:56	54	7/4/2017 6:01	60	9/4/2017 23:06	59	10/4/2017 0:11	57

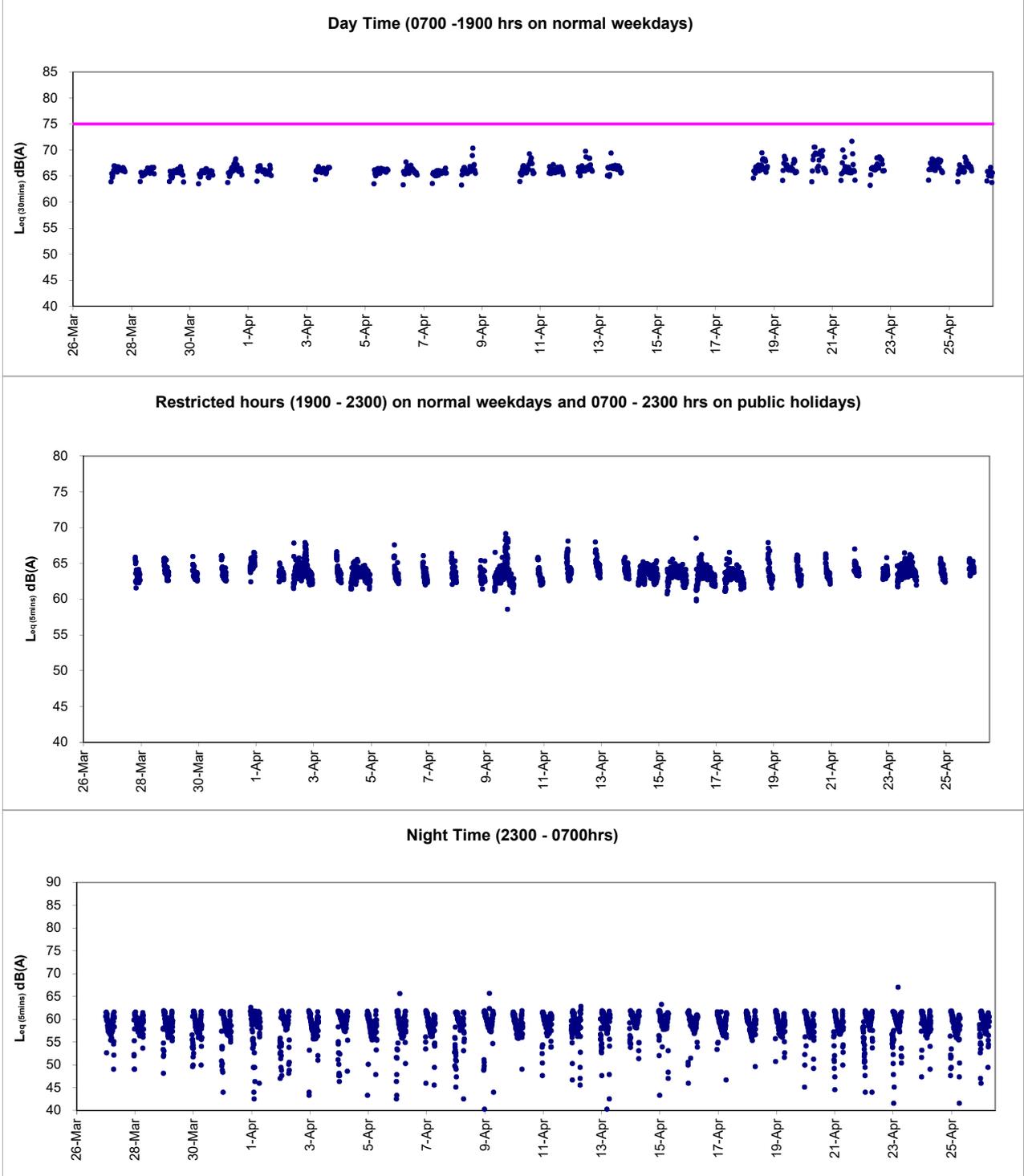
Real-time Noise Data		RTN4 (Causeway Bay Community Centre)									
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10/4/2017 6:26	59	11/4/2017 23:31	59	13/4/2017 0:36	59	14/4/2017 1:41	57	15/4/2017 2:46	55	16/4/2017 3:51	55
10/4/2017 6:31	60	11/4/2017 23:36	59	13/4/2017 0:41	60	14/4/2017 1:46	57	15/4/2017 2:51	55	16/4/2017 3:56	55
10/4/2017 6:36	60	11/4/2017 23:41	59	13/4/2017 0:46	52	14/4/2017 1:51	57	15/4/2017 2:56	56	16/4/2017 4:01	55
10/4/2017 6:41	60	11/4/2017 23:46	59	13/4/2017 0:51	60	14/4/2017 1:56	57	15/4/2017 3:01	56	16/4/2017 4:06	54
10/4/2017 6:46	60	11/4/2017 23:51	58	13/4/2017 0:56	59	14/4/2017 2:01	57	15/4/2017 3:06	55	16/4/2017 4:11	55
10/4/2017 6:51	47	11/4/2017 23:56	57	13/4/2017 1:01	59	14/4/2017 2:06	57	15/4/2017 3:11	55	16/4/2017 4:16	54
10/4/2017 6:56	61	12/4/2017 0:01	58	13/4/2017 1:06	59	14/4/2017 2:11	57	15/4/2017 3:16	56	16/4/2017 4:21	56
10/4/2017 23:01	59	12/4/2017 0:06	57	13/4/2017 1:11	59	14/4/2017 2:16	56	15/4/2017 3:21	56	16/4/2017 4:26	56
10/4/2017 23:06	59	12/4/2017 0:11	57	13/4/2017 1:16	59	14/4/2017 2:21	56	15/4/2017 3:26	57	16/4/2017 4:31	55
10/4/2017 23:11	59	12/4/2017 0:16	57	13/4/2017 1:21	59	14/4/2017 2:26	56	15/4/2017 3:31	56	16/4/2017 4:36	54
10/4/2017 23:16	60	12/4/2017 0:21	57	13/4/2017 1:26	59	14/4/2017 2:31	55	15/4/2017 3:36	56	16/4/2017 4:41	55
10/4/2017 23:21	58	12/4/2017 0:26	57	13/4/2017 1:31	59	14/4/2017 2:36	57	15/4/2017 3:41	57	16/4/2017 4:46	55
10/4/2017 23:26	58	12/4/2017 0:31	57	13/4/2017 1:36	59	14/4/2017 2:41	56	15/4/2017 3:46	59	16/4/2017 4:51	56
10/4/2017 23:31	58	12/4/2017 0:36	57	13/4/2017 1:41	59	14/4/2017 2:46	56	15/4/2017 3:51	58	16/4/2017 4:56	55
10/4/2017 23:36	59	12/4/2017 0:41	56	13/4/2017 1:46	59	14/4/2017 2:51	56	15/4/2017 3:56	55	16/4/2017 5:01	56
10/4/2017 23:41	59	12/4/2017 0:46	57	13/4/2017 1:51	59	14/4/2017 2:56	57	15/4/2017 4:01	55	16/4/2017 5:06	56
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10/4/2017 23:51	58	12/4/2017 0:56	57	13/4/2017 2:01	59	14/4/2017 3:06	56	15/4/2017 4:11	56	16/4/2017 5:16	55
10/4/2017 23:56	58	12/4/2017 1:01	57	13/4/2017 2:06	59	14/4/2017 3:11	56	15/4/2017 4:16	55	16/4/2017 5:21	56
11/4/2017 0:01	58	12/4/2017 1:06	57	13/4/2017 2:11	59	14/4/2017 3:16	56	15/4/2017 4:21	56	16/4/2017 5:26	56
11/4/2017 0:06	57	12/4/2017 1:11	57	13/4/2017 2:16	59	14/4/2017 3:21	56	15/4/2017 4:26	57	16/4/2017 5:31	55
11/4/2017 0:11	58	12/4/2017 1:16	56	13/4/2017 2:21	58	14/4/2017 3:26	56	15/4/2017 4:31	57	16/4/2017 5:36	55
11/4/2017 0:16	58	12/4/2017 1:21	56	13/4/2017 2:26	58	14/4/2017 3:31	56	15/4/2017 4:36	55	16/4/2017 5:41	56
11/4/2017 0:21	57	12/4/2017 1:26	56	13/4/2017 2:31	57	14/4/2017 3:36	56	15/4/2017 4:41	55	16/4/2017 5:46	57
11/4/2017 0:26	57	12/4/2017 1:31	56	13/4/2017 2:36	57	14/4/2017 3:41	56	15/4/2017 4:46	56	16/4/2017 5:51	56
11/4/2017 0:31	58	12/4/2017 1:36	57	13/4/2017 2:41	58	14/4/2017 3:46	57	15/4/2017 4:51	57	16/4/2017 5:56	58
11/4/2017 0:36	58	12/4/2017 1:41	56	13/4/2017 2:46	57	14/4/2017 3:51	56	15/4/2017 4:56	55	16/4/2017 6:01	57
11/4/2017 0:41	57	12/4/2017 1:46	55	13/4/2017 2:51	58	14/4/2017 3:56	57	15/4/2017 5:01	57	16/4/2017 6:06	57
11/4/2017 0:46	57	12/4/2017 1:51	56	13/4/2017 2:56	57	14/4/2017 4:01	56	15/4/2017 5:06	57	16/4/2017 6:11	58
11/4/2017 0:51	57	12/4/2017 1:56	55	13/4/2017 3:01	58	14/4/2017 4:06	56	15/4/2017 5:11	55	16/4/2017 6:16	58
11/4/2017 0:56	56	12/4/2017 2:01	56	13/4/2017 3:06	57	14/4/2017 4:11	56	15/4/2017 5:16	56	16/4/2017 6:21	58
11/4/2017 1:01	57	12/4/2017 2:06	56	13/4/2017 3:11	58	14/4/2017 4:16	55	15/4/2017 5:21	56	16/4/2017	

Real-time Noise Data		RTN4 (Causeway Bay Community Centre)									
17/4/2017 1:16	56	18/4/2017 2:21	55	19/4/2017 3:26	58	20/4/2017 4:31	55	21/4/2017 5:36	58	22/4/2017 6:41	60
17/4/2017 1:21	57	18/4/2017 2:26	55	19/4/2017 3:31	58	20/4/2017 4:36	55	21/4/2017 5:41	58	22/4/2017 6:46	59
17/4/2017 1:26	56	18/4/2017 2:31	54	19/4/2017 3:36	59	20/4/2017 4:41	56	21/4/2017 5:46	59	22/4/2017 6:51	60
17/4/2017 1:31	55	18/4/2017 2:36	56	19/4/2017 3:41	58	20/4/2017 4:46	56	21/4/2017 5:51	59	22/4/2017 6:56	60
17/4/2017 1:36	55	18/4/2017 2:41	55	19/4/2017 3:46	58	20/4/2017 4:51	56	21/4/2017 5:56	58	22/4/2017 7:01	59
17/4/2017 1:41	57	18/4/2017 2:46	54	19/4/2017 3:51	58	20/4/2017 4:56	55	21/4/2017 6:01	58	22/4/2017 7:06	59
17/4/2017 1:46	55	18/4/2017 2:51	55	19/4/2017 3:56	58	20/4/2017 5:01	55	21/4/2017 6:06	51	22/4/2017 7:11	59
17/4/2017 1:51	54	18/4/2017 2:56	54	19/4/2017 4:01	58	20/4/2017 5:06	56	21/4/2017 6:11	60	22/4/2017 7:16	59
17/4/2017 1:56	55	18/4/2017 3:01	54	19/4/2017 4:06	58	20/4/2017 5:11	56	21/4/2017 6:16	48	22/4/2017 7:21	59
17/4/2017 2:01	55	18/4/2017 3:06	53	19/4/2017 4:11	58	20/4/2017 5:16	55	21/4/2017 6:21	60	22/4/2017 7:26	59
17/4/2017 2:06	55	18/4/2017 3:11	54	19/4/2017 4:16	58	20/4/2017 5:21	56	21/4/2017 6:26	39	22/4/2017 7:31	59
17/4/2017 2:11	55	18/4/2017 3:16	54	19/4/2017 4:21	57	20/4/2017 5:26	57	21/4/2017 6:31	51	22/4/2017 7:36	59
17/4/2017 2:16	55	18/4/2017 3:21	53	19/4/2017 4:26	58	20/4/2017 5:31	57	21/4/2017 6:36	61	22/4/2017 7:41	59
17/4/2017 2:21	55	18/4/2017 3:26	54	19/4/2017 4:31	58	20/4/2017 5:36	57	21/4/2017 6:41	60	22/4/2017 7:46	58
17/4/2017 2:26	56	18/4/2017 3:31	54	19/4/2017 4:36	57	20/4/2017 5:41	57	21/4/2017 6:46	56	22/4/2017 7:51	59
17/4/2017 2:31	56	18/4/2017 3:36	54	19/4/2017 4:41	57	20/4/2017 5:46	57	21/4/2017 6:51	51	22/4/2017 7:56	59
17/4/2017 2:36	55	18/4/2017 3:41	54	19/4/2017 4:46	57	20/4/2017 5:51	59	21/4/2017 6:56	47	23/4/2017 8:01	59
17/4/2017 2:41	55	18/4/2017 3:46	55	19/4/2017 4:51	58	20/4/2017 5:56	58	21/4/2017 7:01	60	23/4/2017 8:06	60
17/4/2017 2:46	54	18/4/2017 3:51	53	19/4/2017 4:56	58	20/4/2017 6:01	58	21/4/2017 7:06	59	23/4/2017 8:11	58
17/4/2017 2:51	54	18/4/2017 3:56	54	19/4/2017 5:01	58	20/4/2017 6:06	59	21/4/2017 7:11	59	23/4/2017 8:16	59
17/4/2017 2:56	55	18/4/2017 4:01	53	19/4/2017 5:06	58	20/4/2017 6:11	60	21/4/2017 7:16	60	23/4/2017 8:21	59
17/4/2017 3:01	55	18/4/2017 4:06	54	19/4/2017 5:11	58	20/4/2017 6:16	59	21/4/2017 7:21	59	23/4/2017 8:26	58
17/4/2017 3:06	55	18/4/2017 4:11	55	19/4/2017 5:16	58	20/4/2017 6:21	60	21/4/2017 7:26	59	23/4/2017 8:31	58
17/4/2017 3:11	54	18/4/2017 4:16	54	19/4/2017 5:21	58	20/4/2017 6:26	60	21/4/2017 7:31	59	23/4/2017 8:36	59
17/4/2017 3:16	55	18/4/2017 4:21	54	19/4/2017 5:26	58	20/4/2017 6:31	60	21/4/2017 7:36	60	23/4/2017 8:41	59
17/4/2017 3:21	55	18/4/2017 4:26	55	19/4/2017 5:31	59	20/4/2017 6:36	42	21/4/2017 7:41	59	23/4/2017 8:46	58
17/4/2017 3:26	55	18/4/2017 4:31	55	19/4/2017 5:36	59	20/4/2017 6:41	56	21/4/2017 7:46	59	23/4/2017 8:51	58
17/4/2017 3:31	55	18/4/2017 4:36	54	19/4/2017 5:41	60	20/4/2017 6:46	42	21/4/2017 7:51	58	23/4/2017 8:56	58
17/4/2017 3:36	54	18/4/2017 4:41	55	19/4/2017 5:46	59	20/4/2017 6:51	49	21/4/2017 7:56	58	23/4/2017 9:01	58
17/4/2017 3:41	54	18/4/2017 4:46	55	19/4/2017 5:51	60	20/4/2017 6:56	60	22/4/2017 8:01	58	23/4/2017 9:06	57
17/4/2017 3:46	55	18/4/2017 4:51	56	19/4/2017 5:56	61	20/4/2017 7:01	61	22/4/2017 8:06	59	23/4/2017 9:11	57
17/4/2017 3:51	55	18/4/2017 4:56	56	19/4/2017 6:01	60	20/4/2017 7:06	51	22/4/2017 8:11	59	23/4/2017 9:16	58
17/4/2017 3:56	54	18/4/2017 5:01	54	19/4/2017 6:06	60	20/4/2017 7:11	47	22/4/2017 8:16	58	23/4/2017 9:21	58
17/4/2017 4:01	54	18/4/2017 5:06	56	19/4/2017 6:11	60	20/4/2017 7:16	60	22/4/2017 8:21	58	23/4/2017 9:26	56
17/4/2017 4:06	55	18/4/2017 5:11	55	19/4/2017 6:16	60	20/4/2017 7:21	59	22/4/2017 8:26	58	23/4/2017 9:31	59
17/4/2017 4:11	53	18/4/2017 5:16	55	19/4/2017 6:21	53	20/4/2017 7:26	59	22/4/2017 8:31	59	23/4/2017 9:36	57
17/4/2017 4:16	55	18/4/2017 5:21	55	19/4/2017 6:26	45	20/4/2017 7:31	58	22/4/2017 8:36	58	23/4/2017 9:41	58
17/4/2017 4:21	54	18/4/2017 5:26	55	19/4/2017 6:31	52	20/4/2017 7:36	58	22/4/2017 8:41	58	23/4/2017 9:46	57
17/4/2017 4:26	57	18/4/2017 5:31	57	19/4/2017 6:36	52	20/4/2017 7:41	59	22/4/2017 8:46	58	23/4/2017 9:51	57
17/4/2017 4:31	55	18/4/2017 5:36	57	19/4/2017 6:41	57	20/4/2017 7:46	59	22/4/2017 8:51	58	23/4/2017 9:56	57
17/4/2017 4:36	55	18/4/2017 5:41	56	19/4/2017 6:46	55	20/4/2017 7:51	60	22/4/2017 8:56	58	23/4/2017 10:01	56
17/4/2017 4:41	55	18/4/2017 5:46	58	19/4/2017 6:51	54	20/4/2017 7:56	60	22/4/2017 9:01	58	23/4/2017 10:06	57
17/4/2017 4:46	54	18/4/2017 5:51	58	19/4/2017 6:56	55	21/4/2017 0:01	58	22/4/2017 9:06	58	23/4/2017 10:11	57
17/4/2017 4:51	55	18/4/2017 5:56	58	19/4/2017 7:01	59	21/4/2017 0:06	59	22/4/2017 9:11	57	23/4/2017 10:16	57
17/4/2017 4:56	55	18/4/2017 6:01	58	19/4/2017 7:06	58	21/4/2017 0:11	59	22/4/2017 9:16	58	23/4/2017 10:21	57
17/4/2017 5:01	55	18/4/2017 6:06	59	19/4/2017 7:11	59	21/4/2017 0:16	58	22/4/2017 9:21	57	23/4/2017 10:26	56
17/4/2017 5:06	55	18/4/2017 6:11	59	19/4/2017 7:16	59	21/4/2017 0:21	58	22/4/2017 9:26	58	23/4/2017 10:31	56
17/4/2017 5:11	56	18/4/2017 6:16	60	19/4/2017 7:21	58	21/4/2017 0:26	59	22/4/2017 9:31	57	23/4/2017 10:36	56
17/4/2017 5:16	55	18/4/2017 6:21	59	19/4/2017 7:26	58	21/4/2017 0:31	59	22/4/2017 9:36	58	23/4/2017 10:41	57
17/4/2017 5:21	56	18/4/2017 6:26	60	19/4/2017 7:31	58	21/4/2017 0:36	59	22/4/2017 9:41	57	23/4/2017 10:46	57
17/4/2017 5:26	56	18/4/2017 6:31	61	19/4/2017 7:36	58	21/4/2017 0:41	57	22/4/2017 9:46	58	23/4/2017 10:51	57
17/4/2017 5:31	56	18/4/2017 6:36	60	19/4/2017 7:41	58	21/4/2017 0:46	56	22/4/2017 9:51	57	23/4/2017 10:56	57
17/4/2017 5:36	57	18/4/2017 6:41	47	19/4/2017 7:46	58	21/4/2017 0:51	57	22/4/2017 9:56	58	23/4/2017 11:01	56
17/4/2017 5:41	57	18/4/2017 6:46	55	19/4/2017 7:51	58	21/4/2017 0:56	57	22/4/2017 10:01	57	23/4/2017 11:06	56
17/4/2017 5:46	57	18/4/2017 6:51	61	19/4/2017 7:56	58	21/4/2017 1:01	56	22/4/2017 10:06	58	23/4/2017 11:11	55
17/4/2017 5:51	58	18/4/2017 6:56	43	20/4/2017 0:01	59	21/4/2017 1:06	57	22/4/2017 10:11	56	23/4/2017 11:16	55
17/4/2017 5:56	57	18/4/2017 7:01	61	20/4/2017 0:06	58	21/4/2017 1:11	58	22/4/2017 10:16	57	23/4/2017 11:21	56
17/4/2017 6:01	57	18/4/2017 7:06	60	20/4/2017 0:11	58	21/4/2017 1:16	58	22/4/2017 10:21	58	23/4/2017 11:26	56
17/4/2017 6:06	59	18/4/2017 7:11	60	20/4/2017 0:16	57	21/4/2017 1:21	56	22/4/2017 10:26	58	23/4/2017 11:31	55
17/4/2017 6:11	57	18/4/2017 7:16	60	20/4/2017 0:21	56	21/4/2017 1:26	57	22/4/2017 10:31	57	23/4/2017 11:36	57
17/4/2017 6:16	58	18/4/2017 7:21	60	20/4/2017 0:26	57	21/4/2017 1:31	57	22/4/2017 10:36	56	23/4/2017 11:41	55
17/4/2017 6:21	58	18/4/2017 7:26	60	20/4/2017 0:31	57	21/4/2017 1:36	57	22/4/2017 10:41	58	23/4/2017 11:46	56
17/4/2017 6:26	60	18/4/2017 7:31	60	20/4/2017 0:36	58	21/4/2017 1:41	56	22/4/2017 10:46	57	23/4/2017 11:51	56
17/4/2017 6:31	60	18/4/2017 7:36	60	20/4/2017 0:41	57	21/4/2017 1:46	56	22/4/2017 10:51	56	23/4/2017 11:56	65
17/4/2017 6:36	60	18/4/2017 7:41	60	20/4/2017 0:46	57	21/4/2017 1:51	57	22/4/2017 10:56	56	23/4/2017 12:01	56
17/4/2017 6:41	60	18/4/2017 7:46	60	20/4/2017 0:51	56	21/4/2017 1:56	57	22/4/2017 11:01	56	23/4/2017 12:06	56
17/4/2017 6:46	58	18/4/2017 7:51	60	20/4/2017 0:56	57	21/4/2017 2:01	57	22/4/2017 11:06	57	23/4/2017 12:11	56
17/4/2017 6:51	59	18/4/2017 7:56	59	20/4/2017 1:01	56	21/4/2017 2:06	56	22/4/2017 11:11	56	23/4/2017 12:16	55
17/4/2017 6:56	58	19/4/2017 0:01	60	20/4/2017 1:06	57	21/4/2017 2:11	57	22/4/2017 11:16	56	23/4/2017 12:21	55
17/4/2017 7:01	58	19/4/2017 0:06	60	20/4/2017 1:11	56	21/4/2017 2:16	57	22/4/2017 11:21	56	23/4/2017 12:26	56
17/4/2017 7:06	58	19/4/2017 0:11	59	20/4/2017 1:16	55	21/4/2017 2:21	56	22/4/2017 11:26	57	23/4/2017 12:31	57
17/4/2017 7:11	59	19/4/2017 0:16	59	20/4/2017 1:21	56	21/4/2017 2:26	55	22/4/2017 11:31	56	23/4/2017 12:36	56
17/4/2017 7:16	59	19/4/2017 0:21	59	20/4/2017 1:26	56	21/4/2017 2:31	56	22/4/2017 11:36	56	23/4/2017 12:41	56
17/4/2017 7:21	58	19/4/2017 0:26	59	20/4/2017 1:31	57	21/4/2017 2:36	56	22/4/2017 11:41	55	23/4/2017 12:46	55
17/4/2017 7:26	58	19/4/2017 0:31	59	20/4/2017 1:36	55	21/4/2017 2:41	56	22/4/2017 11:46	56	23/4/2017 12:51	56
17/4/2017 7:31	58	19/4/2017 0:36	59	20/4/2017 1:41	56	21/4/2017 2:46	56	22/4/2017 11:51	56	23/4/2017	

Real-time Noise Data		RTN4 (Causeway Bay Community Centre)			
23/4/2017 23:46	57	25/4/2017 0:51	59	26/4/2017 1:56	56
23/4/2017 23:51	58	25/4/2017 0:56	59	26/4/2017 2:01	56
23/4/2017 23:56	58	25/4/2017 1:01	58	26/4/2017 2:06	55
24/4/2017 0:01	56	25/4/2017 1:06	59	26/4/2017 2:11	55
24/4/2017 0:06	57	25/4/2017 1:11	58	26/4/2017 2:16	55
24/4/2017 0:11	58	25/4/2017 1:16	59	26/4/2017 2:21	55
24/4/2017 0:16	57	25/4/2017 1:21	59	26/4/2017 2:26	55
24/4/2017 0:21	57	25/4/2017 1:26	59	26/4/2017 2:31	55
24/4/2017 0:26	58	25/4/2017 1:31	58	26/4/2017 2:36	54
24/4/2017 0:31	57	25/4/2017 1:36	58	26/4/2017 2:41	55
24/4/2017 0:36	56	25/4/2017 1:41	59	26/4/2017 2:46	54
24/4/2017 0:41	55	25/4/2017 1:46	58	26/4/2017 2:51	55
24/4/2017 0:46	57	25/4/2017 1:51	58	26/4/2017 2:56	55
24/4/2017 0:51	57	25/4/2017 1:56	58	26/4/2017 3:01	53
24/4/2017 0:56	56	25/4/2017 2:01	58	26/4/2017 3:06	55
24/4/2017 1:01	56	25/4/2017 2:06	58	26/4/2017 3:11	56
24/4/2017 1:06	56	25/4/2017 2:11	58	26/4/2017 3:16	55
24/4/2017 1:11	57	25/4/2017 2:16	58	26/4/2017 3:21	54
24/4/2017 1:16	56	25/4/2017 2:21	58	26/4/2017 3:26	54
24/4/2017 1:21	56	25/4/2017 2:26	58	26/4/2017 3:31	55
24/4/2017 1:26	55	25/4/2017 2:31	58	26/4/2017 3:36	56
24/4/2017 1:31	56	25/4/2017 2:36	58	26/4/2017 3:41	54
24/4/2017 1:36	55	25/4/2017 2:41	58	26/4/2017 3:46	53
24/4/2017 1:41	54	25/4/2017 2:46	58	26/4/2017 3:51	55
24/4/2017 1:46	54	25/4/2017 2:51	58	26/4/2017 3:56	55
24/4/2017 1:51	55	25/4/2017 2:56	58	26/4/2017 4:01	55
24/4/2017 1:56	55	25/4/2017 3:01	58	26/4/2017 4:06	55
24/4/2017 2:01	56	25/4/2017 3:06	57	26/4/2017 4:11	55
24/4/2017 2:06	55	25/4/2017 3:11	58	26/4/2017 4:16	54
24/4/2017 2:11	54	25/4/2017 3:16	57	26/4/2017 4:21	54
24/4/2017 2:16	54	25/4/2017 3:21	58	26/4/2017 4:26	56
24/4/2017 2:21	54	25/4/2017 3:26	58	26/4/2017 4:31	55
24/4/2017 2:26	54	25/4/2017 3:31	58	26/4/2017 4:36	55
24/4/2017 2:31	54	25/4/2017 3:36	59	26/4/2017 4:41	54
24/4/2017 2:36	54	25/4/2017 3:41	58	26/4/2017 4:46	55
24/4/2017 2:41	54	25/4/2017 3:46	58	26/4/2017 4:51	55
24/4/2017 2:46	53	25/4/2017 3:51	58	26/4/2017 4:56	55
24/4/2017 2:51	54	25/4/2017 3:56	58	26/4/2017 5:01	56
24/4/2017 2:56	54	25/4/2017 4:01	58	26/4/2017 5:06	57
24/4/2017 3:01	55	25/4/2017 4:06	59	26/4/2017 5:11	57
24/4/2017 3:06	53	25/4/2017 4:11	58	26/4/2017 5:16	56
24/4/2017 3:11	55	25/4/2017 4:16	58	26/4/2017 5:21	56
24/4/2017 3:16	55	25/4/2017 4:21	59	26/4/2017 5:26	56
24/4/2017 3:21	53	25/4/2017 4:26	58	26/4/2017 5:31	58
24/4/2017 3:26	55	25/4/2017 4:31	58	26/4/2017 5:36	59
24/4/2017 3:31	54	25/4/2017 4:36	59	26/4/2017 5:41	58
24/4/2017 3:36	54	25/4/2017 4:41	58	26/4/2017 5:46	58
24/4/2017 3:41	53	25/4/2017 4:46	58	26/4/2017 5:51	59
24/4/2017 3:46	54	25/4/2017 4:51	58	26/4/2017 5:56	58
24/4/2017 3:51	54	25/4/2017 4:56	59	26/4/2017 6:01	50
24/4/2017 3:56	55	25/4/2017 5:01	58	26/4/2017 6:06	59
24/4/2017 4:01	54	25/4/2017 5:06	58	26/4/2017 6:11	58
24/4/2017 4:06	54	25/4/2017 5:11	59	26/4/2017 6:16	60
24/4/2017 4:11	54	25/4/2017 5:16	59	26/4/2017 6:21	60
24/4/2017 4:16	55	25/4/2017 5:21	59	26/4/2017 6:26	59
24/4/2017 4:21	56	25/4/2017 5:26	59	26/4/2017 6:31	60
24/4/2017 4:26	55	25/4/2017 5:31	59	26/4/2017 6:36	61
24/4/2017 4:31	53	25/4/2017 5:36	59	26/4/2017 6:41	50
24/4/2017 4:36	54	25/4/2017 5:41	60	26/4/2017 6:46	53
24/4/2017 4:41	54	25/4/2017 5:46	60	26/4/2017 6:51	61
24/4/2017 4:46	54	25/4/2017 5:51	58	26/4/2017 6:56	60
24/4/2017 4:51	57	25/4/2017 5:56	60	26/4/2017 23:01	59
24/4/2017 4:56	55	25/4/2017 6:01	60	26/4/2017 23:06	60
24/4/2017 5:01	54	25/4/2017 6:06	43	26/4/2017 23:11	60
24/4/2017 5:06	56	25/4/2017 6:11	60	26/4/2017 23:16	59
24/4/2017 5:11	55	25/4/2017 6:16	47	26/4/2017 23:21	60
24/4/2017 5:16	55	25/4/2017 6:21	50	26/4/2017 23:26	60
24/4/2017 5:21	56	25/4/2017 6:26	53	26/4/2017 23:31	58
24/4/2017 5:26	56	25/4/2017 6:31	44	26/4/2017 23:36	60
24/4/2017 5:31	56	25/4/2017 6:36	53	26/4/2017 23:41	58
24/4/2017 5:36	57	25/4/2017 6:41	54	26/4/2017 23:46	58
24/4/2017 5:41	58	25/4/2017 6:46	54	26/4/2017 23:51	59
24/4/2017 5:46	59	25/4/2017 6:51	52	26/4/2017 23:56	58
24/4/2017 5:51	59	25/4/2017 6:56	61		
24/4/2017 5:56	57	25/4/2017 23:01	59		
24/4/2017 6:01	58	25/4/2017 23:06	60		
24/4/2017 6:06	59	25/4/2017 23:11	59		
24/4/2017 6:11	59	25/4/2017 23:16	59		
24/4/2017 6:16	60	25/4/2017 23:21	59		
24/4/2017 6:21	59	25/4/2017 23:26	59		
24/4/2017 6:26	60	25/4/2017 23:31	58		
24/4/2017 6:31	60	25/4/2017 23:36	58		
24/4/2017 6:36	39	25/4/2017 23:41	58		
24/4/2017 6:41	61	25/4/2017 23:46	58		
24/4/2017 6:46	53	25/4/2017 23:51	58		
24/4/2017 6:51	48	25/4/2017 23:56	58		
24/4/2017 6:56	60	26/4/2017 0:01	58		
24/4/2017 23:01	44	26/4/2017 0:06	57		
24/4/2017 23:06	60	26/4/2017 0:11	58		
24/4/2017 23:11	60	26/4/2017 0:16	58		
24/4/2017 23:16	60	26/4/2017 0:21	58		
24/4/2017 23:21	60	26/4/2017 0:26	58		
24/4/2017 23:26	60	26/4/2017 0:31	57		
24/4/2017 23:31	60	26/4/2017 0:36	57		
24/4/2017 23:36	60	26/4/2017 0:41	57		
24/4/2017 23:41	60	26/4/2017 0:46	57		
24/4/2017 23:46	59	26/4/2017 0:51	56		
24/4/2017 23:51	38	26/4/2017 0:56	57		
24/4/2017 23:56	60	26/4/2017 1:01	57		
25/4/2017 0:01	59	26/4/2017 1:06	57		
25/4/2017 0:06	60	26/4/2017 1:11	57		
25/4/2017 0:11	59	26/4/2017 1:16	56		
25/4/2017 0:16	59	26/4/2017 1:21	57		
25/4/2017 0:21	59	26/4/2017 1:26	56		
25/4/2017 0:26	60	26/4/2017 1:31	56		
25/4/2017 0:31	59	26/4/2017 1:36	55		
25/4/2017 0:36	59	26/4/2017 1:41	57		
25/4/2017 0:41	59	26/4/2017 1:46	57		
25/4/2017 0:46	58	26/4/2017 1:51	56		

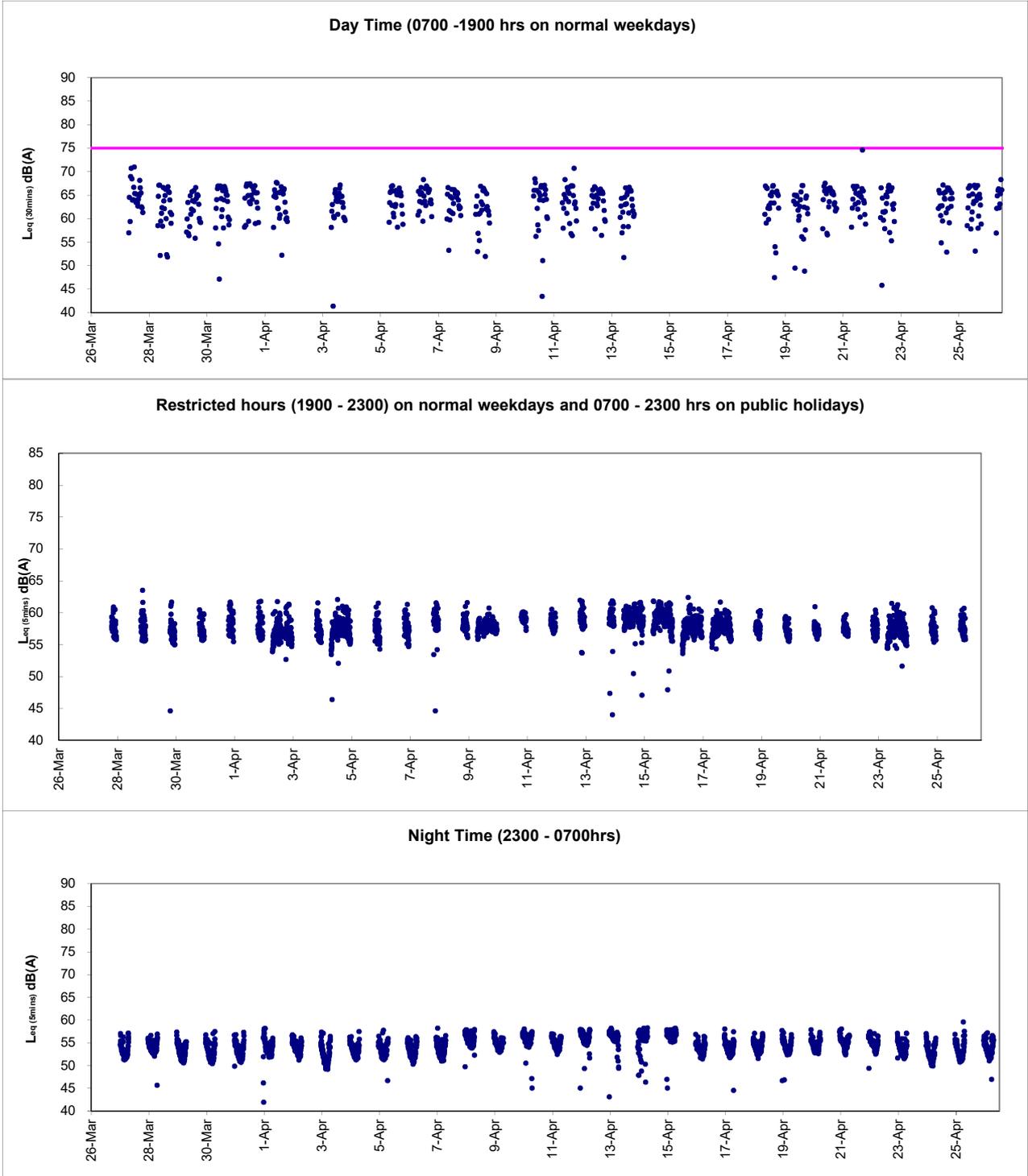


Graphic Presentation of Real Time Noise Monitoring Result (RTN1-Food and Environmental Hygiene Department Depot)



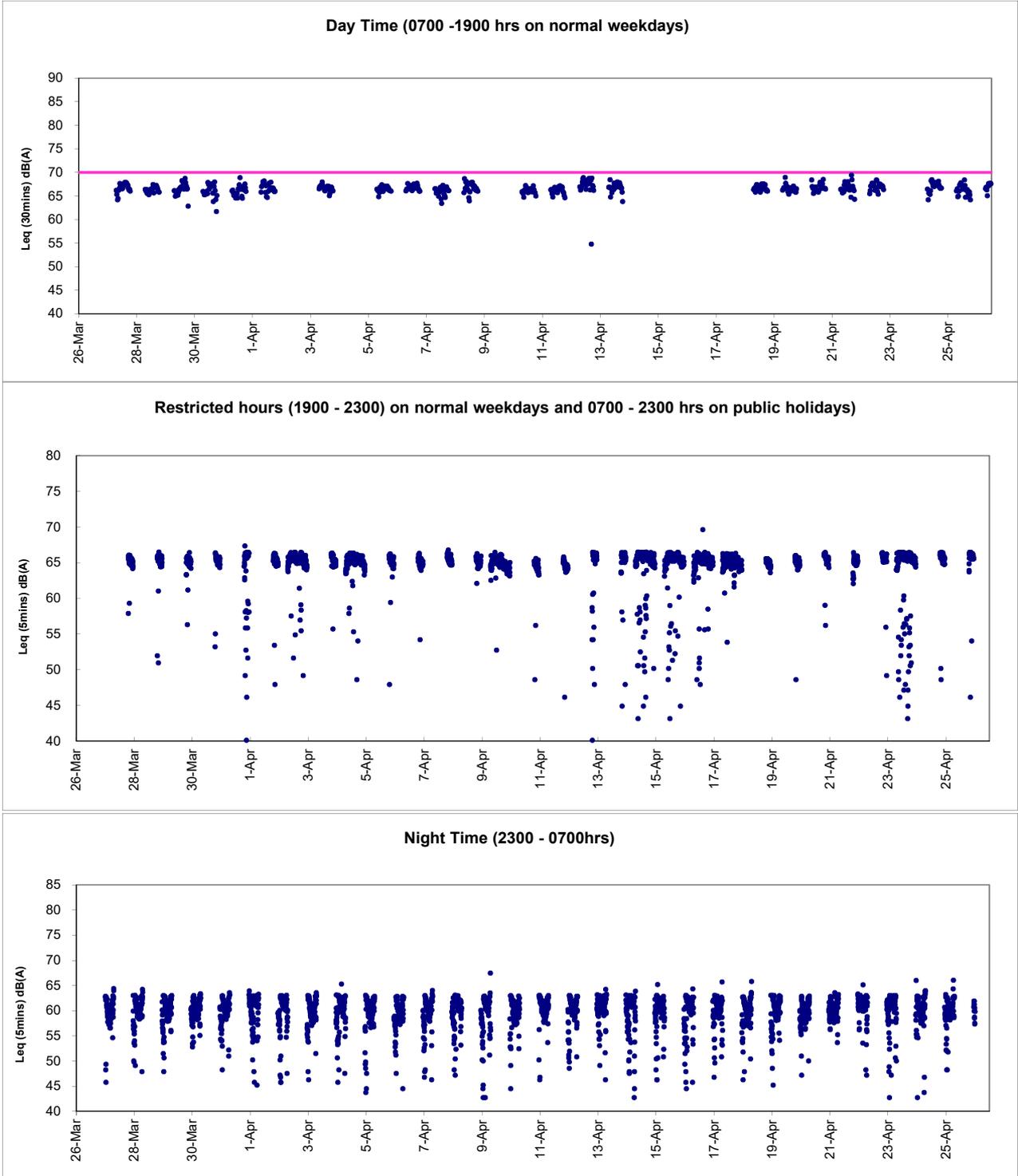


Graphic Presentation of Real Time Noise Monitoring Result (RTN2a- Hong Kong Electric Centre)



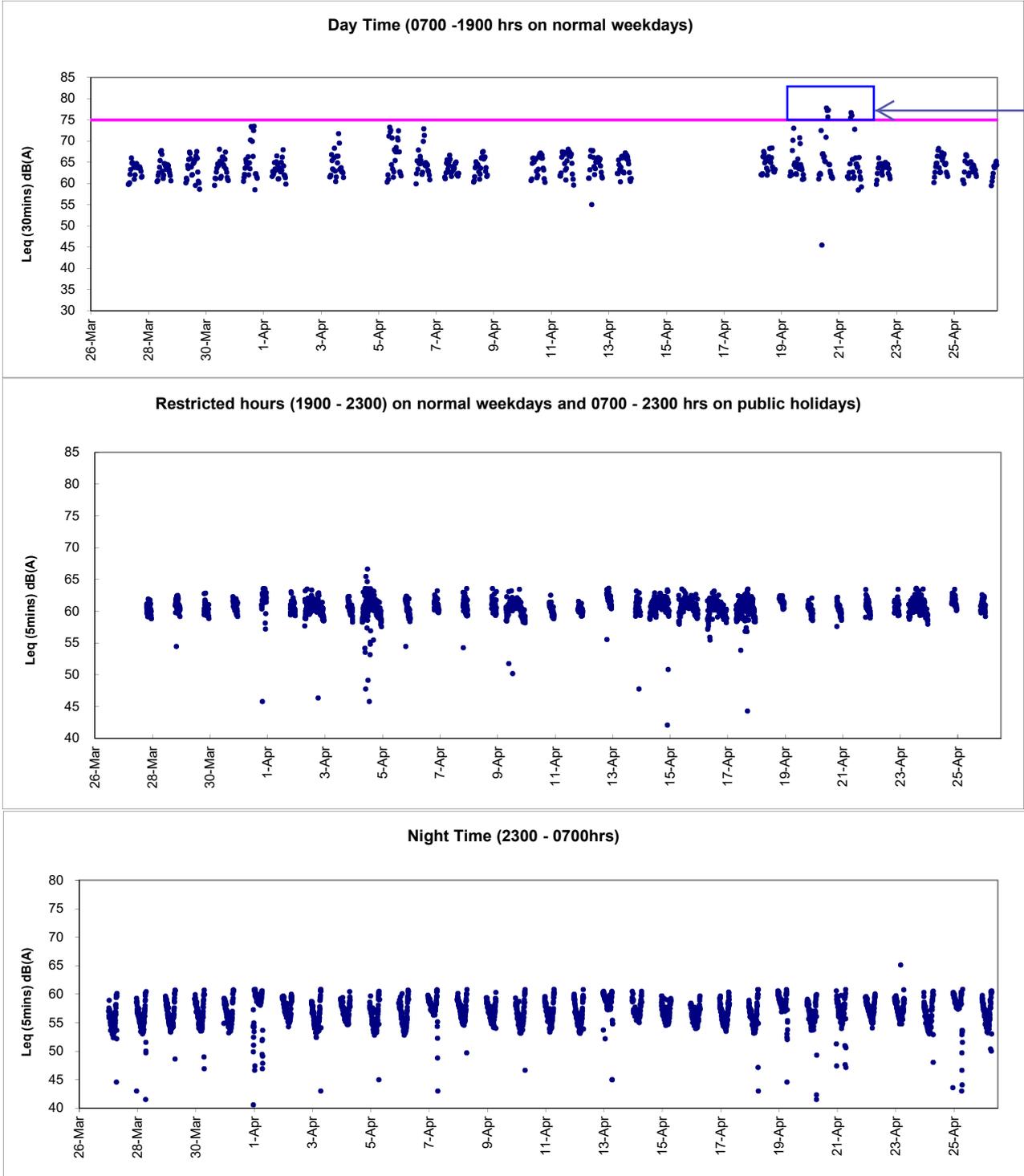


Graphic Presentation of Real Time Noise Monitoring Result (RTN3-Yu Lee Mo Fan Memorial School)





Graphic Presentation of Real Time Noise Monitoring Result (RTN4-Causeway Bay Community Centre)



After checking with Contractors, no construction works activity was conducted under Contract HY/2009/19 and HY/2011/08 around the monitoring station on 20 and 21 April 2017 during the monitoring period while non - CWB breaking was observed conducted on the monitoring dates immediately next to the monitoring station. As such, the exceedances were concluded as non-Project related.



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. (The above actions should be taken within 2 working days after the exceedance is identified) 	<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. (The above actions should be taken within 2 working days after the exceedance is identified) 	<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. (The above actions should be taken within 2 working days after the exceedance is identified) 	<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. (The above actions should be taken within 2 working days after the exceedance is identified)



Event / Action Plan for Construction Air Quality

EVENT	ACTION			
	ET	IEC	ER	CONTRACTOR
ACTION LEVEL				
1. Exceedance for one sample	<ol style="list-style-type: none"> Identify source, investigate the causes of exceedance and propose remedial measures; Inform IEC and ER; Repeat measurement to confirm finding; Increase monitoring frequency to daily. (The above actions should be taken within 2 working days after the exceedance is identified)	<ol style="list-style-type: none"> Check monitoring data submitted by ET; Check Contractor's working method. (The above actions should be taken within 2 working days after the exceedance is identified)	<ol style="list-style-type: none"> Notify Contractor. (The above actions should be taken within 2 working days after the exceedance is identified)	<ol style="list-style-type: none"> Rectify any unacceptable practice; 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	<ol style="list-style-type: none"> Identify source; Inform IEC and ER; Advise the ER on the effectiveness of the proposed remedial measures; Repeat measurements to confirm findings; Increase monitoring frequency to daily; Discuss with IEC and Contractor on remedial actions required; If exceedance continues, arrange meeting with IEC and ER; If exceedance stops, cease additional monitoring. (The above actions should be taken within 2 working days after the exceedance is identified)	<ol style="list-style-type: none"> Check monitoring data submitted by ET; Check Contractor's working method; Discuss with ET and Contractor on possible remedial measures; Advise the ET on the effectiveness of the proposed remedial measures; Supervise Implementation of remedial measures. (The above actions should be taken within 2 working days after the exceedance is identified)	<ol style="list-style-type: none"> Confirm receipt of notification of failure in writing; Notify Contractor; Ensure remedial measures properly implemented. (The above actions should be taken within 2 working days after the exceedance is identified)	<ol style="list-style-type: none"> Submit proposals for remedial to ER within 3 working days of notification; Implement the agreed proposals; 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	<ol style="list-style-type: none"> Identify source, investigate the causes of exceedance and propose remedial measures; Inform ER, Contractor and EPD; Repeat measurement to confirm finding; Increase monitoring frequency to daily; 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)	<ol style="list-style-type: none"> Check monitoring data submitted by ET; Check Contractor's working method; Discuss with ET and Contractor on possible remedial measures; Advise the ER on the effectiveness of the proposed remedial measures; Supervise implementation of remedial measures. (The above actions should be taken within 2 working days after the exceedance is identified)	<ol style="list-style-type: none"> Confirm receipt of notification of failure in writing; Notify Contractor; Ensure remedial measures properly implemented. (The above actions should be taken within 2 working days after the exceedance is identified)	<ol style="list-style-type: none"> Take immediate action to avoid further exceedance; Submit proposals for remedial actions to IEC within 3 working days of notification; Implement the agreed proposals; 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	<ol style="list-style-type: none"> Notify IEC, ER, Contractor and EPD; Identify source; Repeat measurement to confirm findings; Increase monitoring frequency to daily; Carry out analysis of Contractor's working procedures to determine possible mitigation to be implemented; Arrange meeting with IEC and ER to discuss the remedial actions to be taken; Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and ER informed of the results; If exceedance stops, cease additional monitoring. (The above actions should be taken within 2 working days after the exceedance is identified)	<ol style="list-style-type: none"> Discuss amongst ER, ET, and Contractor on the potential remedial actions; Review Contractor's remedial actions whenever necessary to assure their effectiveness and advise the ER accordingly; Supervise the implementation of remedial measures. 	<ol style="list-style-type: none"> Confirm receipt of notification of failure in writing; Notify Contractor; In consolidation with the IEC, agree with the Contractor on the remedial measures to be implemented; Ensure remedial measures properly implemented; 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)	<ol style="list-style-type: none"> Take immediate action to avoid further exceedance; Submit proposals for remedial actions to IEC within 3 working days of notification; Implement the agreed proposals; Resubmit proposals if problem still not under control; 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	Construction Noise Level, dB(A)	Parameter	Action Level	Limit Level dB(A)	Follow-up action
X_16N063	3-Apr-17	9:45	M6 - HK Baptist Church Henrietta Secondary School	70	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: Despite scaffold erection by crane was undertaken by Contractor of HY/2009/19, 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_16N064	10-Apr-17	9:26	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: Despite rebar fixing by crane was undertaken by Contractor of HY/2009/19, 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_10N145	18-Apr-17	13:50	M5b - City Garden	78	N/A	when one documented complaint was received.	75	<p>Possible reason: Breaking works at marine pier was observed as the major noise contribution during measurement. Mitigation measures including temporary noise barrier was observed provided but opening was observed at the temporary noise barrier system.</p> <p>Action taken / to be taken: Immediate repeat measurement was conducted to confirm the result at the same location. The construction noise level of repeated measurement at the same location on the same date was: 18 April 2017 at 14:20 76 dB(A). Contractor was advised to prepare and submit the remediation plan for the concerned construction works.</p> <p>Remarks / Other Obs: Remedial actions including i) closing the opening of the temporary noise barrier ii) provide physical wrapping of breaker to dampen noise emission and iii) conduct breaking works intermittently were implemented by the Contractor and additional monitoring was conducted on 19 April 2017. The construction noise level during additional monitoring was found to be 19 April 2017 at 15:10 71 dB(A). No further exceedance was recorded.</p> <p>Starter bar fixing works and breaking works at marine pier under Contract HY/2009/19 was conducted during the measurement on 18 April 2017, it was observed that breaking operation was the major noise contribution during measurement. It is concluded that the exceedance was Project related and the contractor was requested to submit a proposal for remediation measures following the Event and Action Plan. Actions from the remediation plan including i) Closing the opening of the temporary noise barrier ii) provide physical wrapping of breaker to dampen noise emission and iii) conduct breaking works intermittently were implemented by the Contractor and no further exceedance was recorded upon implementation of the remedial actions</p>
X_16N065	26-Apr-17	14:30	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: Despite formwork erection for upstanding wall was undertaken by Contractor of HY/2009/19, 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



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					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 complainant 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



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
				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/200911 and HY/2009/19 and IEC on 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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					<p>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</p> <p>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.</p> <p>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.</p> <p>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</p>	
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)	<p>1) RSS notified ET to carry out investigation on 17 October 2011.</p> <p>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.</p> <p>3) After receiving the complaint, the excavator was then removal off-site for checking and maintenance works on 17 October 2011.</p> <p>4) Contractor was reminded to enhance regular checking and maintenance to all plants at site.</p> <p>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.</p>	Closed
111104	04/11/2011	Mr. Liu from	Wan Chai	Complain about a tree near the	<p>1) ET confirmed with the Resident Site Staff that</p>	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	<ol style="list-style-type: none">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.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 0700.3) 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	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. Futhermore, 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 enought 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 montioring 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.	<ol style="list-style-type: none">1) RSS notified ET on 17 April 2012.2) 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.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.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.	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.	1) RSS notify ET on 6 June 2013 2) ET confirmed with the Resident Site Staff that 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 withered and yellow leaves and 1 no. of tree- Khaya senegalensis (T1712) raised by the complainant was found to be in poor health condition. No construction works was undertaken by Contract HY/2009/18 at the concerned planter area where the affected trees are located. 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. 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) 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.	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 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>	Interim report submitted to EPD on 19 June 2013, EPD advised no further comment on 5 Aug 2013 and final report for case closing submitted on 6 Aug 2013.



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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 <p>-Felling of tree TA50 at Victoria Park Zone</p> <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.



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					<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	<p>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>	<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. 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.



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					<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> <ul style="list-style-type: none"> 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>Mitigation measures implemented by the Contractor for the above construction works include:</p> <ul style="list-style-type: none"> Use of quiet plants (air compressor with a Noise Emission Label of 99 dB(A)). 	<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>



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					<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>	



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					<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>



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					<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>	



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
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.



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					<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	Unnecessary 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/00015054-15 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. 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. 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>	



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
151117	Not specified	EPD complaint received by ET on 17 Novmeber 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.



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					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 November 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 submitted 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>	



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					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.



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					<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	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). 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. 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. Concreting for Seawall Reinstatement at TPCWAE was conducted under Contractor of HY/2009/15 on 12 January 2016 and 18 January 2016. 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. According to relevant site records and information	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.



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					<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- 193863740 3 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>



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					<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>



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					<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>



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					<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> <ul style="list-style-type: none">i) Plugging the inlet point of the concerned manhole (connecting to the abandoned U-channel) with concrete;ii) Plugging the outlet of the concerned manhole (connecting to the observed drain hole) with concrete;iii) Filling the concerned manhole with rubbles;iv) Shifting the unused wastewater treatment plant around the concerned location to other site location for use. <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>	



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					<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.:2-203652505 5 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. 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>	



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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>	



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					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>



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					<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>	



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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.



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					<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>	Investigation report submitted to EPD on 16 December 2016. Under EPD review



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: #2-3512033936) 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>	



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
ICC complaint case (Ref: #2-3521097579) dated 22 February 2017	22 February 2017	ICC complaint case referred by RSS received by ET on 27 February 2017	Construction Site at Victoria Harbour near Victoria Park	Noise was emanated from the construction Site at Victoria Harbour near Victoria Park from 0000hrs to 0200hrs on Tuesday and caused nuisance and Concrete Lorry was observed on scene.	<p>An ICC complaint referred by RSS was received by ET on 27 February 2017 (CASE#2-3521097579). The complainant reported that noise was emanated from the construction Site at Victoria Harbour near Victoria Park from 0000hrs to 0200hrs on Tuesday and caused nuisance and Concrete Lorry was observed on scene.</p> <p>ET confirmed with the Resident Site Staff that no construction work was conducted under HY/2010/08 at Zone C (Victoria Park Road) and Temporary Reclamation Area Zone between 0000hrs to 0200hrs on 21 February 2017 and between 0000hrs to 0200hrs on 22 February 2017.</p> <p>No construction work was conducted under HY/2010/08 at Zone C (Victoria Park Road) and Temporary Reclamation Area Zone between 0000hrs to 0200hrs on 21 February 2017 and between 0000hrs to 0200hrs on 22 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 (CASE #2-357615753 8 dated 05 March 2017)	05 March 2017	ICC complaint referred by RSS was received by ET on 06 March 2017	Construction works area under Contract HK/2009/02 for Wanchai Development Phase II	Noise was emanated from the construction works under Contract HK/2009/02 for Wanchai Development Phase II on 05 March 2017 and potential violation of ordinance was suspected.	<p>An ICC complaint referred by RSS was received by ET on 06 March 2017 (CASE#2-3576157538). The complainant reported that noise was emanated from the construction works under Contract HK/2009/02 for Wanchai Development Phase II on 05 March 2017 and potential violation of ordinance was suspected.</p> <p>ET confirmed with the Resident Site Staff that no works was conducted under Contract HK/2009/02 from 0000hrs to 0830hrs on 05 March 2017. Removal ELS waling at Portion 5 (West of WanChai Ferry Pier) was conducted under Contract HK/2009/02 from 0830hrs to 1700hrs on 05 March 2017. Total 2 nos. of crawler cranes were in operation at ground level.</p> <p>Tunnel backfilling and construction of temporary walls at Portions 3&4 (Near Wan Shing Street) were conducted under Contract HK/2009/02 from 0830hrs to 1700hrs. Total 1 no. of excavator and 1 no. of dump truck were in operation at ground level and 2 nos. of excavator and 1 no. of loader were in operation below ground level.</p> <p>According to the information confirmed by RSS, no works was conducted under Contract HK/2009/02 from 0000hrs to 0830hrs on 05 March 2017. Removal ELS waling at Portion 5 (West of WanChai Ferry Pier) was conducted under Contract HK/2009/02 from 0830hrs to 1700hrs on 05 March 2017. Total 2 nos. of crawler cranes were in operation at ground level. Tunnel backfilling and construction of temporary walls at Portions 3&4 (Near Wan Shing Street) were conducted under Contract HK/2009/02 from 0830hrs to 1700hrs. Total 1 no. of excavator and 1 no. of dump truck were in operation at ground level and 2 nos. of excavator and 1 loader were in operation below</p>	Investigation report issued on 10 March 2017 and case closed.



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					ground level. Relevant Construction Noise Permit GW-RS1305-16 was in place. Nevertheless, in view of the public concern, the Contractor of HK/2009/02 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 HK/2009/02 was also reminded to maintain regular maintenance of the plant and equipment deployed to avoid potential nuisance to the nearby public.	
EPD complaint (Case Ref: H05/RS/00 06240-17)	05 March 2017	EPD complaint referred by RSS was received by ET on 14 March 2017. EPD clarified the complaint case shall be referred by ICC Complaint Hotline (CASE #2-3576157538)	Construction works area under Contract HK/2009/02 for Wanchai Development Phase II	Noise was emanated from the construction works under Contract HK/2009/02 for Wanchai Development Phase II on 05 March 2017 and potential violation of ordinance was suspected.	A EPD complaint was referred to the ET on 14 March 2017 (CASE Ref: H05/RS/0006240-17). The complainant reported that noise was emanated from the construction works under Contract HK/2009/02 for Wanchai Development Phase II on 05 March 2017 and potential violation of ordinance was suspected. ET confirmed with the Resident Site Staff that no works was conducted under Contract HK/2009/02 from 0000hrs to 0830hrs on 05 March 2017. Removal ELS waling at Portion 5 (West of WanChai Ferry Pier) was conducted under Contract HK/2009/02 from 0830hrs to 1700hrs on 05 March 2017. Total 2 nos. of crawler cranes were in operation at ground level. Tunnel backfilling and construction of temporary walls at Portions 3&4 (Near Wan Shing Street) were conducted under Contract HK/2009/02 from 0830hrs to 1700hrs. Total 1 no. of excavator and 1 no. of dump truck were in operation at ground level and 2 nos. of excavator and 1 no. of loader were in operation below ground level.	Interim Investigation report issued on 10 March 2017 and case closed. Under EPD Review



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					<p>According to the information confirmed by RSS, no works was conducted under Contract HK/2009/02 from 0000hrs to 0830hrs on 05 March 2017. Removal ELS waling at Portion 5 (West of WanChai Ferry Pier) was conducted under Contract HK/2009/02 from 0830hrs to 1700hrs on 05 March 2017. Total 2 nos. of crawler cranes were in operation at ground level. Tunnel backfilling and construction of temporary walls at Portions 3&4 (Near Wan Shing Street) were conducted under Contract HK/2009/02 from 0830hrs to 1700hrs. Total 1 no. of excavator and 1 no. of dump truck were in operation at ground level and 2 nos. of excavator and 1 loader were in operation below ground level. Relevant Construction Noise Permit GW-RS1305-16 was in place.</p> <p>Nevertheless, in view of the public concern, the Contractor of HK/2009/02 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 HK/2009/02 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 (CASE#2-3603182890) dated 10 March 2017	10 March 2017	An ICC complaint referred by RSS was received by ET on 13 March 2017	Construction Site at Victoria Park	Noise was emanated from the construction Site at Victoria Park from 2300hrs to 2400hrs on 10 March 2017 and caused nuisance to nearby residents.	<p>An ICC complaint referred by RSS was received by ET on 13 March 2017 (CASE#2-3603182890). The complainant reported that noise was emanated from the construction Site at Victoria Park from 2300hrs to 2400hrs on 10 March 2017 and caused nuisance to nearby residents.</p> <p>ET confirmed with the Resident Site Staff that no construction work was conducted under Contract HY/2010/08 at Victoria Park at from 2300hrs to 2400hrs on 10 March 2017.</p>	Investigation Report issued on 15 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>Based on the information provided by the RSS, no construction work was conducted under Contract HY/2010/08 at Victoria Park at from 2300hrs to 2400hrs on 10 March 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>	



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	Ori Dur	Rem Dur	Scheduled/ Actual Start	Scheduled/ Actual Finish	Total Float	Calendar	2017																
								April			May			June			July							
								26	02	09	16	23	30	07	14	21	28	04	11	18	25	02	09	16
Three Months Rolling Programme 2017-04-20 (dd 20-Apr-17)																								
Programme Milestones (Revised up to EOTO No.21)																								
Contractual Completion Dates																								
KDC0170	Section 9B Works (2134 days) - CWB Structure (CH3400 Eastward) (2-Dec-15 Noon)	0	0		20-Apr-17*	-504	Calendar Day	◆ Section 9B Works (2134 days) - CWB Structure (CH3400 Eastward) (2-Dec-15 Noon)																
KDC0180	Section 10 Works (2469 days) - CWB Structure (CH3400 Westward) (31-Oct-16)	0	0		20-Apr-17*	-170	Calendar Day	◆ Section 10 Works (2469 days) - CWB Structure (CH3400 Westward) (31-Oct-16)																
KDC0190	Section 11 Works (2673 days) - Remainder of Works/ Works Completion Date (23-May-17)	0	0		23-May-17*	0	Calendar Day	◆ Section 11 Works (2673 days) - Remainder of Works/ Works Completion Date (23-May-17)																
Soft Landscaping & Establishment Key Dates																								
KDC0200	Section 11A Works (2440 days) - Remaining Landscape Softworks (03-Oct-16 Noon)	0	0		20-Apr-17*	-198	Calendar Day	◆ Section 11A Works (2440 days) - Remaining Landscape Softworks (03-Oct-16 Noon)																
KDC0220	Section 12 Works (2672 days) - Protection and Preservation of Existing Trees (22-May-17 Noon)	0	0		22-May-17*	0	Calendar Day	◆ Section 12 Works (2672 days) - Protection and Preservation of Existing Trees (22-May-17 Noon)																
Section 8A of the Works - Reprovisioning of Wan Chai Ferry Pier in Area 8																								
Outstanding Works																								
S8A-OUT-1040	Relocation of fire hydrant near Ferry Pier	10	10	14-Jul-17	25-Jul-17	-58	HK Working Day																	
S8A-OUT-1060	Reinstatement works of the flooring inside the rooms under staircase ST-01 of the Ferry Pier	12	12	03-Jul-17	14-Jul-17	-58	HK Working Day	■ 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	14-Jul-17	20-Jul-17	-54	HK Working Day	■ Reinstatement works of the flooring under the temporary covered walkway																
Section 8B of the Works - Temporary Covered Walkway & Works in Area 8																								
Temporary Covered Walkway																								
S8B-TCW-02300	Temp Covered Walkway - Construct the remaining Type 4 Covered Walkway at west wing	36	36	17-Jun-17	27-Jul-17	-60	HK Working Day	■ Temp Covered Walkway - Construct the remaining Type 4 Covered Walkway at west wing																
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	0	12-Oct-16 A	15-Apr-17 A		Calendar Day	■ TB1 - Remedial works of the cross road ducts																
S9B-T1-OUT-1030	TB1 - Remedial works against water leakage identified inside the OHVD cells	30	0	14-Mar-17 A	12-Apr-17 A		Calendar Day	■ TB1 - Remedial works against water leakage identified inside the OHVD cells																
Tunnel Portion 2 (CH3425-CH3500)																								
CWB Structural Works																								
Outstanding Works																								
S9B-T2-OUT-1010	TB2 - Remedial works of the cross road ducts	25	7	12-Oct-16 A	26-Apr-17	-511	Calendar Day	■ TB2 - Remedial works of the cross road ducts, TB2 - Remedial works of the cross road ducts																
S9B-T2-OUT-1020	TB2 - Remedial works against water leakage identified inside the OHVD cells	25	5	12-Oct-16 A	24-Apr-17	29	Calendar Day	■ TB2 - Remedial works against water leakage identified inside the OHVD cells																
Tunnel Portion 3 & Tunnel Portion 4 (CH3630-CH3790)																								
CWB Structural Works																								
S9B-T34-7400	ELS (S1) Removal - Bay 1 to Bay 8	28	28	08-Jun-17	06-Jul-17	-503	Calendar Day	■ ELS (S1) Removal																
Tunnel Portion 5 (CH3400-CH3425)																								
Bay 13 (Eastern End Bay)																								
S9B-T5-B13-1020	Base Slab - Rebar Fixing	10	0	11-Feb-17 A	30-Mar-17 A		Calendar Day	■ Base Slab - Rebar Fixing																
S9B-T5-B13-1030	Base Slab - Concrete	1	0	31-Mar-17 A	31-Mar-17 A		Calendar Day	■ Base Slab - Concrete																
S9B-T5-B13-1040	Base Slab - Curing	4	0	01-Apr-17 A	04-Apr-17 A		Calendar Day	■ Base Slab - Curing																
S9B-T5-B13-1050	Wall (North) - Waterproofing & Working Platform	4	0	10-Apr-17 A	14-Apr-17 A		Calendar Day	■ Wall (North) - Waterproofing & Working Platform																
S9B-T5-B13-1060	Wall (North) - Rebar Fixing	3	0	15-Apr-17 A	17-Apr-17 A		Calendar Day	■ Wall (North) - Rebar Fixing																
S9B-T5-B13-1070	Wall (North) - Formwork	2	0	18-Apr-17 A	19-Apr-17 A		Calendar Day	■ Wall (North) - Formwork																
S9B-T5-B13-1080	Wall (North) - Concrete	1	1	20-Apr-17	20-Apr-17	-546	Calendar Day	■ Wall (North) - Concrete, Wall (North) - Concrete																
S9B-T5-B13-1090	Wall (North) - Curing & Formwork Dismantling	3	3	21-Apr-17	23-Apr-17	-546	Calendar Day	■ Wall (North) - Curing & Formwork Dismantling, Wall (North) - Curing & Formwork Dismantling																
S9B-T5-B13-1100	Wall (South) - Waterproofing & Working Platform	4	0	10-Apr-17 A	13-Apr-17 A		Calendar Day	■ Wall (South) - Waterproofing & Working Platform																
S9B-T5-B13-1110	Wall (South) - Rebar Fixing	3	0	14-Apr-17 A	16-Apr-17 A		Calendar Day	■ Wall (South) - Rebar Fixing																
S9B-T5-B13-1120	Wall (South) - Formwork	2	0	17-Apr-17 A	18-Apr-17 A		Calendar Day	■ Wall (South) - Formwork																
S9B-T5-B13-1130	Wall (South) - Concrete	1	0	19-Apr-17 A	19-Apr-17 A		Calendar Day	■ Wall (South) - Concrete																
S9B-T5-B13-1140	Wall (South) - Curing & Formwork Dismantling	3	3	20-Apr-17	22-Apr-17	-549	Calendar Day	■ Wall (South) - Curing & Formwork Dismantling, Wall (South) - Curing & Formwork Dismantling																
S9B-T5-B13-1150	Wall (Middle) - Rebar Fixing & Working Platform	4	0	12-Mar-17 A	12-Apr-17 A		Calendar Day	■ Wall (Middle) - Rebar Fixing & Working Platform																
S9B-T5-B13-1160	Wall (Middle) - Formwork	2	0	13-Apr-17 A	14-Apr-17 A		Calendar Day	■ Wall (Middle) - Formwork																
S9B-T5-B13-1170	Wall (Middle) - Concrete	1	0	15-Apr-17 A	15-Apr-17 A		Calendar Day	■ Wall (Middle) - Concrete																
S9B-T5-B13-1180	Wall (Middle) - Curing & Formwork Dismantling	3	0	16-Apr-17 A	19-Apr-17 A		Calendar Day	■ Wall (Middle) - Curing & Formwork Dismantling																
S9B-T5-B13-1185	Construct Roadside Barriers	6	2	12-Apr-17 A	21-Apr-17	-549	Calendar Day	■ Construct Roadside Barriers, Construct Roadside Barriers																
S9B-T5-B13-1230	OHVD Base Slab (North) - Scaffolding Erection	10	10	22-Apr-17	01-May-17	-549	Calendar Day	■ OHVD Base Slab (North) - Scaffolding Erection, OHVD Base Slab (North) - Scaffolding Erection																
S9B-T5-B13-1240	OHVD Base Slab (North) - Formwork & Rebar Fixing	7	7	29-Apr-17	05-May-17	-546	Calendar Day	■ OHVD Base Slab (North) - Formwork & Rebar Fixing, OHVD Base Slab (North) - Formwork & Rebar Fixing																
S9B-T5-B13-1250	OHVD Base Slab (North) - Concrete & Curing	2	2	06-May-17	07-May-17	-546	Calendar Day	■ OHVD Base Slab (North) - Concrete & Curing, OHVD Base Slab (North) - Concrete & Curing																

- ◆ 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-Apr-17)**

Date	Revision	Checked	Approved
	Rev. Programme (08-Apr-...		

Activity ID	Activity Name	Ori Dur	Rem Dur	Scheduled/ Actual Start	Scheduled/ Actual Finish	Total Float	Calendar	2017																
								April				May				June				July				
								26	02	09	16	23	30	07	14	21	28	04	11	18	25	02	09	16
S10-T5-B7-1330	OHVD Base Slab (South) - Concrete & Curing	2	0	19-Apr-17 A	20-Apr-17 A		Calendar Day																	
S10-T5-B7-1340	OHVD Base Slab (South) - Hanger Wall & Scaffolding to Roof	3	3	20-Apr-17	22-Apr-17	-31	Calendar Day																	
S10-T5-B7-1350	Roof - Waterproofing	7	6	18-Apr-17 A	26-Apr-17	-34	Calendar Day																	
S10-T5-B7-1360	Roof - Rebar Fixing & Formwork	12	12	25-Apr-17	07-May-17	-34	Calendar Day																	
S10-T5-B7-1370	Roof - Concrete	1	1	07-May-17	08-May-17	-34	Calendar Day																	
S10-T5-B7-1380	Roof - Curing	12	12	08-May-17	21-May-17	-34	Calendar Day																	
S10-T5-B7-1390	Roof - Scaffolding Dismantling	7	7	21-May-17	28-May-17	-34	Calendar Day																	
Bay 6A - Roof only																								
S10-T5-B6A-1410	Roof - Waterproofing	7	3	16-Apr-17 A	22-Apr-17	-10	Calendar Day																	
S10-T5-B6A-1411	Roof - Rebar Fixing & Formwork	13	13	20-Apr-17	02-May-17	-10	Calendar Day																	
S10-T5-B6A-1412	Roof - Concrete	1	1	03-May-17	03-May-17	-10	Calendar Day																	
S10-T5-B6A-1413	Roof - Curing	12	12	04-May-17	16-May-17	-10	Calendar Day																	
S10-T5-B6A-1414	Roof - Scaffolding Dismantling	7	7	16-May-17	23-May-17	-1	Calendar Day																	
Bay 6																								
S10-T5-B6-1120	Wall (South) - Formwork	2	0	21-Mar-17 A	22-Mar-17 A		Calendar Day	Wall (South) - Formwork																
S10-T5-B6-1130	Wall (South) - Concrete	1	0	23-Mar-17 A	23-Mar-17 A		Calendar Day	Wall (South) - Concrete																
S10-T5-B6-1140	Wall (South) - Curing & Formwork Dismantling	3	0	24-Mar-17 A	26-Mar-17 A		Calendar Day	Wall (South) - Curing & Formwork Dismantling																
S10-T5-B6-1225	Construct Roadside Barriers	7	0	12-Feb-17 A	21-Mar-17 A		Calendar Day	Construct Roadside Barriers																
S10-T5-B6-1230	OHVD Base Slab (North) - Scaffolding Erection	10	0	15-Mar-17 A	24-Mar-17 A		Calendar Day	OHVD Base Slab (North) - Scaffolding Erection																
S10-T5-B6-1240	OHVD Base Slab (North) - Formwork & Rebar Fixing	7	0	25-Mar-17 A	11-Apr-17 A		Calendar Day	OHVD Base Slab (North) - Formwork & Rebar Fixing																
S10-T5-B6-1250	OHVD Base Slab (North) - Concrete & Curing	2	0	12-Apr-17 A	13-Apr-17 A		Calendar Day	OHVD Base Slab (North) - Concrete & Curing																
S10-T5-B6-1260	OHVD Base Slab (North) - Hanger Wall & Scaffolding to Roof	3	0	14-Apr-17 A	16-Apr-17 A		Calendar Day	OHVD Base Slab (North) - Hanger Wall & Scaffolding to Roof																
S10-T5-B6-1315	OHVD Base Slab (South) - Scaffolding Erection	10	0	29-Mar-17 A	06-Apr-17 A		Calendar Day	OHVD Base Slab (South) - Scaffolding Erection																
S10-T5-B6-1320	OHVD Base Slab (South) - Formwork & Rebar Fixing	7	0	07-Apr-17 A	18-Apr-17 A		Calendar Day	OHVD Base Slab (South) - Formwork & Rebar Fixing																
S10-T5-B6-1325	OHVD Base Slab (South) - Concrete & Curing	2	0	19-Apr-17 A	20-Apr-17	-28	Calendar Day	OHVD Base Slab (South) - Concrete & Curing																
S10-T5-B6-1330	OHVD Base Slab (South) - Hanger Wall & Scaffolding to Roof	3	3	20-Apr-17	22-Apr-17	-29	Calendar Day	OHVD Base Slab (South) - Hanger Wall & Scaffolding to Roof																
S10-T5-B6-1350	Roof - Waterproofing	7	3	16-Apr-17 A	22-Apr-17	-26	Calendar Day	Roof - Waterproofing																
S10-T5-B6-1360	Roof - Rebar Fixing & Formwork	11	9	18-Apr-17 A	01-May-17	-29	Calendar Day	Roof - Rebar Fixing & Formwork																
S10-T5-B6-1370	Roof - Concrete	1	1	02-May-17	02-May-17	-29	Calendar Day	Roof - Concrete																
S10-T5-B6-1380	Roof - Curing	12	12	03-May-17	15-May-17	-9	Calendar Day	Roof - Curing																
S10-T5-B6-1390	Roof - Scaffolding Dismantling	7	7	15-May-17	22-May-17	-1	Calendar Day	Roof - Scaffolding Dismantling																
Bay 5 (3 Cells)																								
S10-T5-B5-1225	Construct Roadside Barriers	7	0	13-Feb-17 A	05-Apr-17 A		Calendar Day	Construct Roadside Barriers																
S10-T5-B5-1230	OHVD Base Slab (North & Middle) - Scaffolding Erection	14	0	15-Mar-17 A	28-Mar-17 A		Calendar Day	OHVD Base Slab (North & Middle) - Scaffolding Erection																
S10-T5-B5-1240	OHVD Base Slab (North & Middle) - Formwork & Rebar Fixing	13	0	29-Mar-17 A	09-Apr-17 A		Calendar Day	OHVD Base Slab (North & Middle) - Formwork & Rebar Fixing																
S10-T5-B5-1250	OHVD Base Slab (North & Middle) - Concrete & Curing	2	0	10-Apr-17 A	11-Apr-17 A		Calendar Day	OHVD Base Slab (North & Middle) - Concrete & Curing																
S10-T5-B5-1260	OHVD Base Slab (North & Middle) - Hanger Wall & Scaffolding to Roof	3	0	12-Apr-17 A	14-Apr-17 A		Calendar Day	OHVD Base Slab (North & Middle) - Hanger Wall & Scaffolding to Roof																
S10-T5-B5-1310	OHVD Base Slab (South) - Scaffolding Erection	10	0	28-Mar-17 A	05-Apr-17 A		Calendar Day	OHVD Base Slab (South) - Scaffolding Erection																
S10-T5-B5-1320	OHVD Base Slab (South) - Formwork & Rebar Fixing	7	0	06-Apr-17 A	16-Apr-17 A		Calendar Day	OHVD Base Slab (South) - Formwork & Rebar Fixing																
S10-T5-B5-1330	OHVD Base Slab (South) - Concrete & Curing	2	0	17-Apr-17 A	18-Apr-17 A		Calendar Day	OHVD Base Slab (South) - Concrete & Curing																
S10-T5-B5-1340	OHVD Base Slab (South) - Hanger Wall & Scaffolding to Roof	3	2	19-Apr-17 A	21-Apr-17	-12	Calendar Day	OHVD Base Slab (South) - Hanger Wall & Scaffolding to Roof																
S10-T5-B5-1350	Roof - Waterproofing	7	2	19-Apr-17 A	21-Apr-17	-12	Calendar Day	Roof - Waterproofing																
S10-T5-B5-1360	Roof - Rebar Fixing & Formwork	14	14	21-Apr-17	05-May-17	-12	Calendar Day	Roof - Rebar Fixing & Formwork																
S10-T5-B5-1370	Roof - Concrete	1	1	05-May-17	05-May-17	-12	Calendar Day	Roof - Concrete																
S10-T5-B5-1380	Roof - Curing	12	12	06-May-17	18-May-17	-12	Calendar Day	Roof - Curing																
S10-T5-B5-1390	Roof - Scaffolding Dismantling	7	7	18-May-17	25-May-17	-4	Calendar Day	Roof - Scaffolding Dismantling																
Bay 4 (3 Cells)																								
S10-T5-B4-1100	Wall (South) - Waterproofing & Working Platform	4	0	19-Mar-17 A	22-Mar-17 A		Calendar Day	Wall (South) - Waterproofing & Working Platform																
S10-T5-B4-1110	Wall (South) - Rebar Fixing	3	0	23-Mar-17 A	25-Mar-17 A		Calendar Day	Wall (South) - Rebar Fixing																
S10-T5-B4-1120	Wall (South) - Formwork	2	0	26-Mar-17 A	27-Mar-17 A		Calendar Day	Wall (South) - Formwork																
S10-T5-B4-1130	Wall (South) - Concrete	1	0	28-Mar-17 A	28-Mar-17 A		Calendar Day	Wall (South) - Concrete																
S10-T5-B4-1140	Wall (South) - Curing & Formwork Dismantling	3	0	29-Mar-17 A	31-Mar-17 A		Calendar Day	Wall (South) - Curing & Formwork Dismantling																
S10-T5-B4-1230	OHVD Base Slab (North and Middle) - Scaffolding Erection	14	0	11-Mar-17 A	25-Mar-17 A		Calendar Day	OHVD Base Slab (North and Middle) - Scaffolding Erection																
S10-T5-B4-1240	OHVD Base Slab (North and Middle) - Formwork & Rebar Fixing	13	0	26-Mar-17 A	15-Apr-17 A		Calendar Day	OHVD Base Slab (North and Middle) - Formwork & Rebar Fixing																
S10-T5-B4-1250	OHVD Base Slab (North and Middle) - Concrete & Curing	2	0	16-Apr-17 A	17-Apr-17 A		Calendar Day	OHVD Base Slab (North and Middle) - Concrete & Curing																
S10-T5-B4-1260	OHVD Base Slab (North and Middle) - Hanger Wall & Scaffolding to Roof	3	0	18-Apr-17 A	20-Apr-17 A		Calendar Day	OHVD Base Slab (North and Middle) - Hanger Wall & Scaffolding to Roof																

- ◆ 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-Apr-17)**

Date	Revision	Checked	Approved
	Rev. Programme (08-Apr-...		



Activity ID	Activity Name	Remaining Dur	Early Start	Early Finish	Total Float	Activity % Complete	2017				
							Apr	May	Jun	Jul	Aug
HK/2012/08 Works Programme Rev.10(DD 31 March 2017)											
Works for Section Completion											
Construction											
Section II A - CWB Tunnel & Slip Road Structures and Facilities											
CWB D - Slip Road 1 - Trough / Retaining Wall											
CWB D - Slip Road 1 - Trough/Retaining Wall Structure											
SIIA12788	Sec II A - CWB SR1 Trough & RW: jet grout for seepage at SR1 trough	27	11-Mar-17 A	26-Apr-17	48	0%					
SIIA12800	Sec II A - CWB SR1 Trough & RW: Trough Structure - Base Slab & Wall (bay 1)	15	23-May-17	06-Jun-17	59	0%					
SIIA13720	Sec II A - CWB SR1 Trough & RW: Trough Structure - Base Slab & Wall (bay 2)	15	08-May-17	22-May-17	48	0%					
SIIA13740	Sec II A - CWB SR1 Trough & RW: Trough Structure - Base Slab & Wall (bay 3)	15	14-May-17	28-May-17	48	0%					
SIIA13800	Sec II A - CWB SR1 Trough & RW: Retaining Walls RW3 & RW4 (bay 1)	16	29-May-17	13-Jun-17	48	0%					
SIIA13860	Sec II A - CWB SR1 Trough & RW: Retaining Walls RW3 & RW4 (bay 2)	15	03-Jun-17	17-Jun-17	48	0%					
Section III A - Road A2, A4 & A5											
Roadwork & Utilities - Section 1 (L1806 - L1801)											
SIIIA10280	Sec III A - roadwork and utilities section 1 carriageway - Drainage works (TTA Stage 4A, 4B & 4C)	52	10-Apr-17*	15-Jun-17	15	0%					
SIIIA10290	Sec III A - roadwork and utilities section 1 carriageway - TTA Stage 5	15	26-Jun-17*	13-Jul-17	7	0%					
Roadwork & Utilities - Section 2 (L1810 - L1806)											
SIIIA12470	Sec III A - roadwork and utilities section 2 carriageway - Relocate site access	14	29-Jun-17*	15-Jul-17	8	0%					
Roadwork & Utilities - Section 4 (L1406 - L1401)											
SIIIA12930	Sec III A - roadwork and utilities section 4 carriageway - Drainage works (L1406 - L1401)	59	08-May-17*	17-Jul-17	0	0%					
Roadwork & Utilities - Section 5 (L1411 - L1406)											
SIIIA13150	Sec III A - roadwork and utilities section 5 carriageway - Drainage works (L1411 - L1406)	44	25-May-17*	17-Jul-17	0	0%					
Roadwork & Utilities - Section 6 (L1102 - L1411)											
SIIIA13370	Sec III A - roadwork and utilities section 1 carriageway - Drainage works (Culvert L - L1411)	49	10-May-17*	07-Jul-17	14	0%					
Section V - Remaining At-Grade Road; Remove 2nd Stage ITA											
Roadwork & Utilities											
Section 1 (L1504 - L1900)											
SV12420	Sec V - Roadwork & Utilities Section 1 Carriageway - Drainage Works at MVB North	112	16-Mar-17 A	17-Aug-17	57	0%					
SV12450	Sec V - Roadwork & Utilities Section 1 Carriageway - Gully pipe	109	05-May-17	11-Sep-17	57	0%					
Section 2 (L1510 - L1504)											
SV12600	Sec V - Roadwork & Utilities Section 2 Carriageway - Drainage Works (L1501-L1507, L1406B-L1406A,	82	25-May-17*	30-Aug-17	0	0%					
Section 3 (Culvert L - L1504)											
SIV12760	Sec V - Roadwork & Utilities Section 3 Carriageway - Drainage Works (Culvert L - L1504 & L1406B - L1406C)	51	16-Mar-17 A	06-Jun-17	130	0%					
SIV12800	Sec V - Roadwork & Utilities Section 3 Carriageway - Gully pipe (Culvert L - L1504)	30	07-Jun-17	12-Jul-17	130	0%					
Box Culvert L1 & FRP-L - Bay 8											

Data Date:
31-Mar-17

- Current Milestone
- Actual Work
- Critical Remaining Work
- Remaining Work
- Remaining Level of Effort

Three Months Rolling Programme for Non-CRIII (Apr 2017 to Jun 2017)
(Ref. to Works Programme Rev.10)

Date	Revision	Checked	Approved
11-May-17			



Activity ID	Activity Name	Remaining Dur	Early Start	Early Finish	Total Float	Activity % Complete	2017				
							Apr	May	Jun	Jul	Aug
Box Culvert L1 & FRP-L - Bay 8 Structure											
CUL11328	Culvert L - bay 8 - construt top slab	12	10-Apr-17*	21-Apr-17	79	0%					
Box Culvert L1 & FRP-L - Bay 8 Others											
CUL11340	Culvert L - bay 8 - backfill above box section	25	03-Jun-17*	03-Jul-17	30	0%					
Section VI D - Area 8B & 10											
WDII Box 1 Construction											
WDII Box 1 Remaining Structure											
WD-C6075	Sec VID - Remaining of Box I: Construct sacrificial wall (2.3m)	11	19-Mar-17 A	10-Apr-17	0	60.71%					
WD-C6080	Sec VID - Remaining of Box I: Construct Wall 13(23m run)	16	07-Mar-17 A	15-Apr-17	8	46.67%					
WD-C6090	Sec VID - Remaining of Box I: Construct 2.5m wall 13	13	11-Apr-17	23-Apr-17	0	0%					
WD-C6120	Sec VID - Remaining of Box I: Blasting and final sink box to -10.0 mPD	2	24-Apr-17	25-Apr-17	0	0%					
WD-C6122	Sec VID - Remaining of Box I: Stching of 4 bored piles	12	26-Apr-17	07-May-17	0	0%					
WD-C6124	Sec VID - Remaining of Box I: Scaffolding and soffit work at 4 bored piles	10	08-May-17	17-May-17	0	0%					
WD-C6126	Sec VID - Remaining of Box I: Roof rebar and concreting flat roof	8	18-May-17	25-May-17	0	0%					
WD-C6128	Sec VID - Remaining of Box I: Construct remaining roof half joint	7	28-May-17	03-Jun-17	0	0%					
WD-C6130	Sec VID - Remaining of Box I: Waterproofing work of roof	12	04-Jun-17	15-Jun-17	0	0%					
WD-C6140	Sec VID - Backfilling at South of Box I : Backfilling bagged cement to -6.5mPD	5	26-Apr-17	30-Apr-17	6	0%					
WD-C6160	Sec VID - Backfilling at South of Box I : Remove all ELS shoring and cut off P7 to P58 at -6.5mPD	18	01-May-17	18-May-17	6	0%					
WD-C6200	Sec VID - Backfilling at South of Box I : Remove SIC coarse screen hood	11	19-May-17	29-May-17	6	0%					
WD-C6220	Sec VID - Backfilling at South of Box I : Install pipe cap for box beam	4	30-May-17	02-Jun-17	6	0%					
WD-C6222	Sec VID - Backfilling at South of Box I : Stching of H-pile	4	03-Jun-17	06-Jun-17	6	0%					
WD-C6223	Sec VID - Backfilling at South of Box I : Bagged lighthouse concrete btw cap & seawall	6	07-Jun-17	12-Jun-17	6	0%					
WD-C6240	Sec VID - Backfilling at South of Box I : Install box beam	4	13-Jun-17	16-Jun-17	6	0%					
WD-C6250	Sec VID - Backfilling at South of Box I : Place 400mm thk precast cover to SIC	4	17-Jun-17	20-Jun-17	6	0%					
WD-C6255	Sec VID - Backfilling at South of Box I : Bagged lightweight concrete btw precast cover and box beam	4	21-Jun-17	24-Jun-17	6	0%					
WD-C6275	Sec VID - Backfilling at North of Box I : Type C concrete block at Box I half joint	4	19-May-17	22-May-17	13	0%					
WD-C6295	Sec VID - Backfilling at North of Box I : Install ceramsite concrete blocks	8	23-May-17	30-May-17	13	0%					
WD-C6315	Sec VID - Backfilling at North of Box I : Type A concrete block at roof of Box 1/2	3	31-May-17	02-Jun-17	13	0%					
WD-C6320	Sec VI D - Public fill on the top of Box I	15	16-Jun-17	30-Jun-17	0	0%					
Section IV - Slip Road 3											
Roadwork & Utilities											
Section 2 (L2301 - L2103)											
SIV11940	Sec IV - Roadwork & Utilities at SR3 Section 2 Carriageway - Drainage Works	35	20-Apr-17*	02-Jun-17	0	0%					
SIV11960	Sec IV - Roadwork & Utilities at SR3 Section 2 Carriageway - Watermain	10	28-Jun-17	10-Jul-17	161	0%					
SIV12000	Sec IV - Roadwork & Utilities at SR3 Section 2 Carriageway - Gully pipe	21	03-Jun-17	27-Jun-17	161	0%					
Section VII - Remainder Works											
Promenade Seawall Parapet Construction											
SVII10400	Sec VII - construct block seawall mass concrete coping & backfill to pavement formation	50	15-Jun-17*	12-Aug-17	13	0%					
Section VIII - Landscape Softworks											
Soft Landscaping Works											



Activity ID	Activity Name	Remaining Dur	Early Start	Early Finish	Total Float	Activity % Complete	2017				
							Apr	May	Jun	Jul	Aug
SVIII10040	Sec VIII - Trees Planting	118	31-Mar-17	24-Aug-17	0	0%					
Section X - Protection & Preservation of Trees											
Soft Landscaping Works											
SX10020	Sec X - Protection & Preservation of Trees	234	31-Jan-13 A	19-Nov-17	0	85.66%					

Activity ID	Activity Name	Original Duration	Start	Finish	2016					2017								
					Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
A2080	Bay S9R Top Slab (29m approx.)	1d	08-Dec-16 A	30-Dec-16	■ Bay S9R Top Slab (29m approx.)													
A2070	Bay N9R Top Slab (26m approx.)	1d	17-Dec-16 A	04-Jan-17	■ 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	■ Placement of Seawall Blocks for SR4B Construction													
A2150	Placement of Seawall Blocks for SR5B Construction	8d	18-Nov-16 A	01-Jan-17	■ Placement of Seawall Blocks for SR5B Construction													
A2170	Placement of Seawall Blocks for SR6B Construction	8d	16-Dec-16 A	02-Jan-17	■ Placement of Seawall Blocks for SR6B Construction													
A2200	Bay SR8B	8d	30-Dec-16	06-Jan-17	■ Bay SR8B													
A2140	Bay SR4B	7d	31-Dec-16	06-Jan-17	■ Bay SR4B													
A2160	Bay SR5B	7d	01-Jan-17	08-Jan-17	■ Bay SR5B													
A2180	Bay SR6B	5d	02-Jan-17	07-Jan-17	■ Bay SR6B													
A2190	Bay SR7B	5d	11-Jan-17	15-Jan-17	■ 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	■ 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	■ 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	■ Removal of 4th layer and 5th layer ELS													
A2270	Removal of 4th layer and 5th layer ELS	6d	07-Jan-17	13-Jan-17	■ Removal of 4th layer and 5th layer ELS													
A2250	Removal of 4th layer and 5th layer ELS	6d	08-Jan-17	14-Jan-17	■ Removal of 4th layer and 5th layer ELS													
A2240	Bay SR4 Walls	7d	13-Jan-17	19-Jan-17	■ Bay SR4 Walls													
A2280	Bay SR6 Walls	7d	13-Jan-17	20-Jan-17	■ Bay SR6 Walls													
A2260	Bay SR5 Walls	7d	14-Jan-17	21-Jan-17	■ Bay SR5 Walls													
A2290	Removal of 5th layer ELS	4d	16-Jan-17	19-Jan-17	■ Removal of 5th layer ELS													
A2300	Bay SR7 Walls	5d	20-Jan-17	24-Jan-17	■ Bay SR7 Walls													
A2210	Removal of 4th layer and 5th layer ELS	4d	25-Jan-17	28-Jan-17	■ Removal of 4th layer and 5th layer ELS													
A2220	Bay SR3 Walls	5d	29-Jan-17	02-Feb-17	■ 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	■ Bay SR1R OHVD, Maintenance Walkway and Profile Barrier													
A2380	Removal of 5th Layer ELS	5d	07-Jan-17	11-Jan-17	■ Removal of 5th Layer ELS													
A2390	Bay SR8R OHVD, Maintenance Walkway and Profile Barrier	4d	12-Jan-17	15-Jan-17	■ Bay SR8R OHVD, Maintenance Walkway and Profile Barrier													
A2340	Bay SR4R OHVD, Maintenance Walkway and Profile Barrier	5d	20-Jan-17	24-Jan-17	■ Bay SR4R OHVD, Maintenance Walkway and Profile Barrier													
A2360	Bay SR6R OHVD, Maintenance Walkway and Profile Barrier	4d	20-Jan-17	24-Jan-17	■ Bay SR6R OHVD, Maintenance Walkway and Profile Barrier													
A2350	Bay SR5R OHVD, Maintenance Walkway and Profile Barrier	7d	21-Jan-17	28-Jan-17	■ Bay SR5R OHVD, Maintenance Walkway and Profile Barrier													
A2370	Bay SR7R OHVD, Maintenance Walkway and Profile Barrier	4d	25-Jan-17	28-Jan-17	■ Bay SR7R OHVD, Maintenance Walkway and Profile Barrier													
A2330	Bay SR3R OHVD, Maintenance Walkway and Profile Barrier	5d	03-Feb-17	07-Feb-17	■ 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	■ Bay SR1R													
A2460	Bay SR8R	9d	16-Jan-17	24-Jan-17	■ Bay SR8R													
A2440	Bay SR6R	9d	24-Jan-17	02-Feb-17	■ Bay SR6R													
A2420	Bay SR4R	6d	25-Jan-17	30-Jan-17	■ Bay SR4R													
A2430	Bay SR5R	8d	28-Jan-17	05-Feb-17	■ Bay SR5R													
A2450	Bay SR7R	9d	29-Jan-17	06-Feb-17	■ Bay SR7R													
A2410	Bay SR3R	7d	10-Feb-17	16-Feb-17	■ 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							
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							
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							
A2510	Closure of wall opening in Bay 1 of CCT (Wall 4 and Wall 5)	11d	12-Feb-17	23-Feb-17							
A2520	Stage 5 Backfilling ~ 10000 m3 (-30 mPD ~ -7.0 mPD, Bay 1) ~ 1000 m3 per day	11d	18-Feb-17	28-Feb-17							
A2500	Removal of 2nd Layer ELS and Removal of Reprop inside Tunnel (Bay 2- Bay 4)	10d	23-Feb-17	04-Mar-17							
A2515	Backfilling of Bay 1	11d	23-Feb-17	05-Mar-17							
A2530	Removal of 2nd Layer ELS (Bay 1)	5d	01-Mar-17	05-Mar-17							
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							
A2550	Removal of 2nd Layer ELS - 10 days	13d	02-Feb-17	14-Feb-17							
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							
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							
A2580	Skin Wall Removal Works between TS4/TS3W - 20 days (1st stage) - SR8	20d	14-Jan-17	02-Feb-17							
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							
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							
A2610	Shaft D R/C Slab Reinstatement	20d	23-Feb-17	14-Mar-17							
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							
A5180	Remove Scaffolding of SR1R Roof	4d	31-Jan-17	03-Feb-17							
A6080	Remove Bulkhead between TS3W & SR8	37d	04-Feb-17	12-Mar-17							
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							
A2660	Remove filled material to -4.35mPD at Bay Z4-25 to Bay 19 (6,500m3)	8d	31-Jan-17	07-Feb-17							
A2670	Remove seawall blocks at Bay Z4-25 to Bay 20 (426 nos.)	8d	08-Feb-17	15-Feb-17							
A2680	Remove filled material to -7.0 mPD	4d	16-Feb-17	19-Feb-17							
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							
A2700	Remove filled material to +2.8mPD (2,500m3)	7d	07-Feb-17	13-Feb-17							
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							
A2730	Vertical cut at Panel DW02 to NA6 (19 nos.)	8d	16-Mar-17	23-Mar-17							
A2740	Horizontal cut at Panel DW02 to NA6 (25 nos.)	7d	24-Mar-17	30-Mar-17							
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							
A2760	Remove seawall blocks at Bay 19 to 11 & Bay 26 to 28 (1,335 nos.)	13d	21-Mar-17	02-Apr-17							
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													
Area B (CH475 to CH514) - steel Deck EB + SR8/TS3 Interface													
Strut & Waling Installation for SL5													
A3470	Area B - Waling Installation	6d	19-Nov-16 A	02-Dec-16 A									
A3480	Area B - Strtut 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)													
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)													
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													
Area A (CH384 to CH475 - Victoria Park to Steel Deck WB + IEC)													
Vertical Blinding Bay C1 to C4													
A4300	Bay C4	13d	29-Nov-16 A	09-Dec-16 A									
Tunnel Structure at Area A - Bay C1 to C4													
Bay C2													
Structure													
1.2m Thick Base Slab													
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													
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													
T1440	C2 OHVD Hanger Wall & Roof - Erect Falsework & 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													
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													
Wall of EP													
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									

- Actual Work
- Remaining Work
- Critical Remaining Work
- ◆ Milestone

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				
Roof of EP													
A3800	C2 Scaffolding & Soffit Formwork	3d	17-Feb-17	20-Feb-17									
A3810	C2 Steel Fixing to Roof	2d	20-Feb-17	22-Feb-17									
A3820	C2 Side Formwork for Wall up to Roof Top	2d	22-Feb-17	24-Feb-17									
A3830	C2 Concrete to Roof	1d	24-Feb-17	25-Feb-17									
Utility Trough													
Left Hand Side													
A3850	C2 - LHS Backing Concrete of Utility Trough	4d	25-Feb-17	01-Mar-17									
A3840	C2 - LHS Profile Barrier of Utility Trough	4d	01-Mar-17	05-Mar-17									
Right Hand Side													
A3860	C2 - RHS Backing Concrete of Utility Trough	4d	08-Feb-17	12-Feb-17									
A3870	C2 - RHS Profile Barrier of Utility Trough	4d	12-Feb-17	16-Feb-17									
Bay C1													
Structure													
A4280	Fixing T-Grid Waterproofing on Base Slab & Vertical Blinding	3d	18-Nov-16 A	01-Dec-16 A									
1.2m Thick Base Slab													
T2780	C1 Base - Rebar Fixing	5d	02-Dec-16 A	06-Dec-16 A									
T2790	C1 Base - Kicker Formwork & Water Stop	2d	07-Dec-16 A	07-Dec-16 A									
T2800	C1 Base - Concreting	1d	08-Dec-16 A	08-Dec-16 A									
T2820	C1 Base - Remove 3th & 5th Strut SL3 & SL5 (0 Nos@SL5 & 6 Nos@SL3)	2d	12-Dec-16 A	19-Dec-16 A									
1m Thick Tunnel Wall at Both Sides & OHVD Slab													
T2830	C1 Wall & OHVD - Erect Scaffolding & Soffit Formwork	3d	30-Dec-16	01-Jan-17									
T2840	C1 Wall & OHVD - Steel Fixing	4d	02-Jan-17	05-Jan-17									
T2850	C1 Wall & OHVD - Wall Formwork + Side Formwork for OHVD Slab	1d	06-Jan-17	06-Jan-17									
T2860	C1 Wall & OHVD - Concreting	1d	07-Jan-17	07-Jan-17									
400mm Thick OHVD Hanger Wall & 1.2m Thick Top Slab													
T2870	C1 OHVD Hanger Wall & Roof - Erect Falsework & Soffit Formworks + Hanger Wall Formwork	3d	08-Jan-17	10-Jan-17									
T2880	C1 OHVD Hanger Wall & Roof - Steel Fixing (+1 D for Wall Steel Fixing)	6d	11-Jan-17	16-Jan-17									
T2890	C1 OHVD Hanger Wall & Roof - Top slab CJ Formwork Erection & Water Stop	1d	17-Jan-17	17-Jan-17									
T2910	C1 OHVD Hanger Wall & Roof - Concreting	1d	18-Jan-17	18-Jan-17									
Removal of Falseworks & SL4													
T1310	C1 Roof - 10 Days Curing of Roof Prior to Removal of Falsework	10d	19-Jan-17	28-Jan-17									
T1320	C1 Roof - Remove Falsework	6d	01-Feb-17	06-Feb-17									
T2740	C1 Wall - Remove Strut SL4 (6 No / Layer/ Bay C1)	2d	07-Feb-17	08-Feb-17									
Egress Passage													
Wall of EP													
A3650	C1 Erect Scaffolding & working Platform	1d	09-Feb-17	09-Feb-17									
A3620	C1 Internal Wall Formwork	2d	10-Feb-17	11-Feb-17									
A3630	C1 Steel Fixing to Wall	2d	12-Feb-17	13-Feb-17									
A3640	C1 External Wall Formwork	3d	14-Feb-17	16-Feb-17									
A3660	C1 Concrete to Wall	1d	17-Feb-17	17-Feb-17									
Roof of EP													
A3670	C1 Scaffolding & Soffit Formwork	3d	18-Feb-17	20-Feb-17									
A3680	C1 Steel Fixing to Roof	2d	21-Feb-17	22-Feb-17									

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							■ C3 - LHS Backing Concrete of Utility Trough
A4010	C3 - LHS Profile Barrier of Utility Trough	4d	03-Mar-17	06-Mar-17							■ C3 - LHS Profile Barrier of Utility Trough
	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							■ C3 - RHS Backing Concrete of Utility Trough
A4030	C3 - RHS Profile Barrier of Utility Trough	4d	14-Feb-17	17-Feb-17							■ C3 - RHS Profile Barrier of Utility Trough
	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	■						■ Fixing T-Grid Waterproofing on Base Slab & Vertical Blinding
	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	■						■ C4 Base - Rebar Fixing
T3130	C4 Base - Kicker Formwork & Water Stop	2d	22-Dec-16 A	22-Dec-16 A							C4 Base - Kicker Formwork & Water Stop
T3140	C4 Base - Concreting	1d	23-Dec-16 A	23-Dec-16 A							C4 Base - Concreting
T3160	C4 Base - Remove 3th & 5th Strut SL3 & SL5 (3 Nos@SL5 & 8 Nos@SL3)	4d	30-Dec-16	02-Jan-17							■ C4 Base - Remove 3th & 5th Strut SL3 & SL5 (3 Nos@SL5 & 8 Nos@SL3)
	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							■ C4 Wall & OHVD - Erect Scaffolding & Soffit Formwork
T3180	C4 Wall & OHVD - Steel Fixing	5d	06-Jan-17	11-Jan-17							■ C4 Wall & OHVD - Steel Fixing
T3190	C4 Wall & OHVD - Wall Formwork + Side Formwork for OHVD Slab	1d	11-Jan-17	12-Jan-17							■ C4 Wall & OHVD - Wall Formwork + Side Formwork for OHVD Slab
T3200	C4 Wall & OHVD - Concreting	1d	12-Jan-17	13-Jan-17							■ C4 Wall & OHVD - Concreting
	400mm Thick OHVD Hanger Wall & 1.2m Thick Top Slab	9d	13-Jan-17	22-Jan-17							
T3210	C4 OHVD Hanger Wall & Roof - Erect Falsework & Soffit Formworks + Hanger Wall Formwork	3d	13-Jan-17	16-Jan-17							■ C4 OHVD Hanger Wall & Roof - Erect Falsework & Soffit Formworks + Hanger Wall Formwork
T3220	C4 OHVD Hanger Wall & Roof - Steel Fixing (+1 D for Wall Fixing)	4d	16-Jan-17	20-Jan-17							■ C4 OHVD Hanger Wall & Roof - Steel Fixing (+1 D for Wall Fixing)
T3230	C4 OHVD Hanger Wall & Roof - Top slab CJ Formwork Erection & Water Stop	1d	20-Jan-17	21-Jan-17							■ C4 OHVD Hanger Wall & Roof - Top slab CJ Formwork Erection & Water Stop
T3250	C4 OHVD Hanger Wall & Roof - Concreting	1d	21-Jan-17	22-Jan-17							■ C4 OHVD Hanger Wall & Roof - Concreting
	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							■ C4 Roof - 10 Days Curing of Roof Prior to Removal of Falsework
T3310	C4 Roof - Remove Falsework	6d	01-Feb-17	07-Feb-17							■ C4 Roof - Remove Falsework
T3290	C4 Wall - Remove Strut SL4 (8 No / Layer/ Bay C3)	3d	07-Feb-17	10-Feb-17							■ C4 Wall - Remove Strut SL4 (8 No / Layer/ Bay C3)
	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							■ C4 Erect Scaffolding & working Platform
A4110	C4 Internal Wall Formwork	2d	11-Feb-17	13-Feb-17							■ C4 Internal Wall Formwork
A4120	C4 Steel Fixing to Wall	2d	13-Feb-17	15-Feb-17							■ C4 Steel Fixing to Wall
A4130	C4 External Wall Formwork	3d	15-Feb-17	18-Feb-17							■ C4 External Wall Formwork
A4150	C4 Concrete to Wall	1d	18-Feb-17	19-Feb-17							■ C4 Concrete to Wall
	Roof of EP	8d	19-Feb-17	27-Feb-17							
A4160	C4 Scaffolding & Soffit Formwork	3d	19-Feb-17	22-Feb-17							■ C4 Scaffolding & Soffit Formwork
A4170	C4 Steel Fixing to Roof	2d	22-Feb-17	24-Feb-17							■ C4 Steel Fixing to Roof
A4180	C4 Side Formwork for Wall up to Roof Top	2d	24-Feb-17	26-Feb-17							■ C4 Side Formwork for Wall up to Roof Top
A4190	C4 Concrete to Roof	1d	26-Feb-17	27-Feb-17							■ C4 Concrete to Roof
	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							■ C4 - LHS Backing Concrete of Utility Trough

Activity ID	Activity Name	Original Duration	Start	Finish	2016					2017				
					Dec	Jan	Feb	Mar	Apr	Dec	Jan	Feb	Mar	Apr
Structure														
1.2m Thick Base Slab														
T2490	C6 Base - Rebar Fixing	4d	07-Jan-17	11-Jan-17	C6 Base - Rebar Fixing									
T2500	C6 Base - Kicker Formwork & Water Stop	1d	11-Jan-17	12-Jan-17	C6 Base - Kicker Formwork & Water Stop									
T2510	C6 Base - Concreting	1d	12-Jan-17	13-Jan-17	C6 Base - Concreting									
T2520	C6 Base - Remove Kicker Formwork & Make Good C.J.	1d	13-Jan-17	14-Jan-17	C6 Base - Remove Kicker Formwork & Make Good C.J.									
T2530	C6 Base - Remove Strut SL6 (3 Nos/Bay C6)	1d	14-Jan-17	15-Jan-17	C6 Base - Remove Strut SL6 (3 Nos/Bay C6)									
200 mm Thick OHVD Slab														
T2660	C6 OHVD - Erect Falsework	2d	15-Jan-17	17-Jan-17	C6 OHVD - Erect Falsework									
T2670	C6 OHVD - Erect Soffit Formwork	2d	17-Jan-17	19-Jan-17	C6 OHVD - Erect Soffit Formwork									
T2680	C6 OHVD - Steel Fixing for Slab	2d	28-Jan-17	30-Jan-17	C6 OHVD - Steel Fixing for Slab									
T2690	C6 OHVD - Placing Concrete to Slab	1d	30-Jan-17	31-Jan-17	C6 OHVD - Placing Concrete to Slab									
1.2m Thick Top Slab														
T3570	C6 Roof - Erect Falsework & Soffit Formwork	4d	06-Feb-17	10-Feb-17	C6 Roof - Erect Falsework & Soffit Formwork									
T3580	C6 Roof - Steel Fixing	4d	10-Feb-17	14-Feb-17	C6 Roof - Steel Fixing									
T3590	C6 Roof - Placing Concrete to Roof Slab & OHVD Hanger Wall	1d	14-Feb-17	15-Feb-17	C6 Roof - Placing Concrete to Roof Slab & OHVD Hanger Wall									
Removal of Falseworks & SL4														
T2640	C6 Roof - 10 Days Curing of Roof Prior to Removal of Falsework	10d	15-Feb-17	25-Feb-17	C6 Roof - 10 Days Curing of Roof Prior to Removal of Falsework									
T2650	C6 Roof - Remove Falsework	5d	25-Feb-17	02-Mar-17	C6 Roof - Remove Falsework									
Utility Trough														
Left Hand Side														
A4240	C6 - LHS Backing Concrete of Utility Trough	4d	10-Mar-17	14-Mar-17	C6 - LHS Backing Concrete of Utility Trough									
A4250	C6 - LHS Profile Barrier of Utility Trough	4d	14-Mar-17	18-Mar-17	C6 - LHS Profile Barrier of Utility Trough									
Right Hand Side														
A4260	C6 - RHS Backing Concrete of Utility Trough	4d	02-Mar-17	06-Mar-17	C6 - RHS Backing Concrete of Utility Trough									
A4270	C6 - RHS Profile Barrier of Utility Trough	4d	06-Mar-17	10-Mar-17	C6 - RHS Profile Barrier of Utility Trough									
SR8 (Zone B) - Ch.385.000 to Ch.317.500 - (Inside Victoria Park to Tunnel Portal)														
SR8 (Zone B) Tunnel - ELS / CCT / BF Works (7 Bays Ch. 385.000 to Ch.317.500)														
Portal Structure														
Backfill & Remove Struts														
SR8_ZB_1350	Zone B - Backfill Gap between Structural Wall & Pipe Piles	4d	19-Apr-16 A	17-Jan-17	Zone B - Backfill Gap between Structural Wall & Pipe Piles									
SR8_ZB_1380	Zone B - Remove Top Layer of Strut for Pump House Manhole Construction	8d	17-Jan-17	26-Jan-17	Zone B - Remove Top Layer of Strut for Pump House Manhole Construction									
OHVD														
Bay B2 (CH338.625 to CH351.8)														
SR8_ZB_1390	Zone B - OHVD Bay 2 - Erect Scaffolding & Soffit Formwork	6d	25-Jan-17	03-Feb-17	Zone B - OHVD Bay 2 - Erect Scaffolding & Soffit Formwork									
SR8_ZB_1400	Zone B - OHVD Bay 2 - Rebar Fixing for Slab of OHVD	3d	06-Feb-17	08-Feb-17	Zone B - OHVD Bay 2 - Rebar Fixing for Slab of OHVD									
SR8_ZB_1410	Zone B - OHVD Concrete of Slab of OHVD	1d	09-Feb-17	09-Feb-17	Zone B - OHVD Concrete of Slab of OHVD									
SR8_ZB_1420	Zone B - OHVD Rebar Fixing to Hanger Wall	1d	10-Feb-17	10-Feb-17	Zone B - OHVD Rebar Fixing to Hanger Wall									
SR8_ZB_1450	Zone B - OHVD Curing Period for OHVD Slab	10d	10-Feb-17	19-Feb-17	Zone B - OHVD Curing Period for OHVD Slab									
SR8_ZB_1430	Zone B - OHVD Erect Hanger Wall Formwork for OHVD	2d	11-Feb-17	13-Feb-17	Zone B - OHVD Erect Hanger Wall Formwork for OHVD									
SR8_ZB_1440	Zone B - OHVD Concrete Hanger Wall of OHVDV	1d	14-Feb-17	14-Feb-17	Zone B - OHVD Concrete Hanger Wall of OHVDV									
SR8_ZB_1460	Zone B - OHVD Remove Soffit Formwork & Scaffolding	5d	20-Feb-17	24-Feb-17	Zone B - OHVD Remove Soffit Formwork & Scaffolding									
Bay B3 (CH351.8 to CH368)														
SR8_ZB_1470	Zone B - OHVD Bay 3 - Erect Scaffolding & Soffit Formwork	6d	17-Jan-17	23-Jan-17	Zone B - OHVD Bay 3 - Erect Scaffolding & Soffit Formwork									

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									
SR8_ZB_1490	Zone B - OHVD Bay 3 - Concrete of Slab of OHVD	1d	27-Jan-17	27-Jan-17									
SR8_ZB_1530	Zone B - OHVD Bay 3 - Curing Period for OHVD Slab	10d	28-Jan-17	06-Feb-17									
SR8_ZB_1500	Zone B - OHVD Bay 3 - Rebar Fixing to Hanger Wall	1d	01-Feb-17	01-Feb-17									
SR8_ZB_1510	Zone B - OHVD Bay 3 - Erect Hanger Wall Formwork for OHVD	2d	02-Feb-17	03-Feb-17									
SR8_ZB_1520	Zone B - OHVD Bay 3 - Concrete Hanger Wall of OHVDV	1d	04-Feb-17	04-Feb-17									
SR8_ZB_1540	Zone B - OHVD Bay 3 - Remove Soffit Formwork & Scaffolding	5d	07-Feb-17	11-Feb-17									
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									
SR8_ZB_1560	Zone B - U trough (LHS) Bay 2	7d	17-Jan-17	24-Jan-17									
SR8_ZB_1550	Zone B - U trough (LHS) Bay 1	7d	25-Jan-17	04-Feb-17									
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									
SR8_ZB_1590	Zone B - U trough (RHS) Bay 2	7d	09-Jan-17	16-Jan-17									
SR8_ZB_1580	Zone B - U trough (RHS) Bay 1	7d	17-Jan-17	24-Jan-17									
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									
SR8_ZB_1810	PS- Erect Scaffolding + Roof Soffit Formwork	5d	03-Feb-17	09-Feb-17									
SR8_ZB_1820	PS- Rebar Fixing	4d	09-Feb-17	14-Feb-17									
SR8_ZB_1830	PS- Place Concrete to Manhole Wall & Roof Slab	1d	14-Feb-17	15-Feb-17									
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									
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									
SR8_ZB_1900	Installation Manhole Covers for Pump Sump E	7d	13-Feb-17	19-Feb-17									
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									
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									
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									
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									
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	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
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 Public (From 5m CCTV footing to subway)	90d	15-Dec-16 A	14-Mar-17	Re-open Hing Fat Street Footpath for Public													
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 Island in Tsing Fung Street	45d	03-Jan-17*	28-Feb-17	Cross Road Duct to Connect C19 Cable Draw Pit at Island in Tsing Fung Street													
A4920	Demolition of Wall Head of Existing Retaining Wall at Tsing Fung Street	14d	19-Jan-17	08-Feb-17	Demolition of Wall Head of Existing Retaining Wall at Tsing Fung Street													
A4930	Install Steel Vehicle Parapet on Wall Top from RW8D to RW8C	14d	07-Feb-17	21-Feb-17	Install Steel Vehicle Parapet on Wall Top from RW8D to RW8C													
A4940	Minor Road Works above Demolished Wall Head	14d	08-Feb-17	24-Feb-17	Minor Road Works above Demolished Wall Head													
A4950	Realign & Provide the New Road Marking From Hing Fat Street to Tsing Fung Street	7d	25-Feb-17	07-Mar-17	Realign & Provide the New Road Marking From Hing Fat Street to Tsing Fung Street													
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	Excavate													
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	MH2-68B to MH2-69													
A4490	MH2-69 to MH2-70	14d	30-Dec-16	16-Jan-17	MH2-69 to MH2-70													
A4440	MH2-63 to MH2-64 (under temp containers)	14d	16-Jan-17*	04-Feb-17	MH2-63 to MH2-64 (under temp containers)													
A4460	MHA (beside pump sump E) to MH2-61	14d	04-Feb-17	21-Feb-17	MHA (beside pump sump E) to MH2-61													
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	MH TFS-04 to TFS-04a													
A4530	TFS-04a to Extg MHA1	11d	10-Dec-16 A	15-Dec-16 A	TFS-04a to Extg MHA1													
A4540	MHTFS-05 to extg MH A3 (gully)	14d	30-Dec-16	16-Jan-17	MHTFS-05 to extg MH A3 (gully)													
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	Construction of 5m CCTV, AID, OHVD, TSG, luminance meter at verge inside VP													
A4580	All drawpits (ATC, E&M and lighting) and ductings at verge inside VP (SK375B)	60d	18-Jan-17	31-Mar-17	All drawpits (ATC, E&M and lighting) and ductings at verge inside VP (SK375B)													
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	Modification of extg type 2 railing footing													
A4700	Construction of boundary fence adjacent RW8C toe wall (approx. 40m)	30d	30-Dec-16*	07-Feb-17	Construction of boundary fence adjacent RW8C toe wall (approx. 40m)													
A4990	Abour Footings Construction	14d	11-Mar-17	25-Mar-17	Abour Footings Construction													
A4720	Construction of boundary fence (approx. 460m)	90d	15-Mar-17	05-Jul-17	Construction of boundary fence (approx. 460m)													
A5000	Shelter & Benches Installation	21d	25-Mar-17	15-Apr-17	Shelter & Benches Installation													
A4730	Fence wall between BGO and Zone A (60m)	30d	24-Nov-17 A	11-Mar-17	Fence wall between BGO and Zone A (60m)													
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	FMH-B03 to Extg 1-40													
A4780	Complete Backfilling & Removal Top Two Layer of Strut at Bay 3 of Zone B	14d	01-Mar-17*	16-Mar-17	Complete Backfilling & Removal Top Two Layer of Strut at Bay 3 of Zone B													
A4760	MHB (beside pump sump E) to MH2-70 (300 dia. stormwater pipeline)	14d	17-Mar-17	01-Apr-17	MHB (beside pump sump E) to MH2-70 (300 dia. stormwater pipeline)													
A4750	SHM-B01 to Extg. MH A3 (4 MHS and 4 storm pipeline)	30d	23-Mar-17	04-May-17	SHM-B01 to Extg. MH A3 (4 MHS and 4 storm pipeline)													
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	Construction of drawpit, ducting and remedial work on top of RW8C etc on top of RW8C													
A4800	Lay temp bituminous pavement for road diversion beside RW8C (Incl. Steel Vehicle Parapet on RW8C)	20d	08-Feb-17	02-Mar-17	Lay temp bituminous pavement for road diversion beside RW8C (Incl. Steel Vehicle Parapet on RW8C)													
A4810	Implement TTA for Closing Central Median at Tsing Fung Street	1d	03-Mar-17	04-Mar-17	Implement TTA for Closing Central Median at Tsing Fung Street													
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	Construct VMS6, LCS footing, ATC drawpit and ducts, steel vehicle parapet													
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	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
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	Backfill to ground slab 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	ABWF, Plumbing Works, waterproofing and E&M works													
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	Diversion of Temporary Pedestrian Walkway on D-wall													
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	Curing to Roof Slab of Zone C													
A5790	Waterproofing & Screeding to Roof	4d	18-Feb-17	22-Feb-17	Waterproofing & Screeding to Roof													
A5800	Load Transfer for King Post	6d	22-Feb-17	28-Feb-17	Load Transfer for King Post													
A5810	Make Good Box-out Left by King Post	2d	28-Feb-17	02-Mar-17	Make Good Box-out Left by King Post													
A5820	Backfill to Formation & Remove Struts SL1 to SL3 (Approx. 7m)	33d	02-Mar-17	04-Apr-17	Backfill to Formation & Remove Struts SL1 to SL3 (Approx. 7m)													
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	Establishment Works - for Landscape Softworks and transplanted trees in Portion XIV & XV													
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	Establishment Works - for Landscape Softworks and transplanted trees in Portion VI & VII													
KD10 - Preservation and Protection of Trees																		
PPT_0000	Preservation and Protection of Existing Trees	1088d	21-Mar-13 A	30-Dec-16	Preservation and Protection of Existing Trees													

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	Mooring Upkeep at Portion XIX(19) & XX(20) - ATS (if instructed by Engineer)						
MAR_3020	Mooring Upkeep at Portion X(10) & XVI(16) - CBTS	979d	15-May-14 A	30-Dec-16	Mooring Upkeep at Portion X(10) & XVI(16) - CBTS						
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	Maintenance/ Upkeep of New PWRL						

China State Construction Engineering (Hong Kong) Ltd.

Contract No. HY/2009/15 - Central Wan Chai By Pass - Tunnel (Causeway Bay Typhoon Shelter Section)

Activity Name	Start	Finish	2017		
			Apr	May	Jun
Hung Hing Road Resurfacing	1/6/2017	30/6/2017			
Defect works inside tunnel	1/4/2017	30/9/2017			

Activity ID	Activity Name	Original Duration	Start	Finish	2017																	
					Apr			May			Jun			Jul								
Total		1791d	21-Mar-13 A	09-Feb-18																		
DWP-07 - (6) - Update Progress As of 20 Apr 17		1791d	21-Mar-13 A	09-Feb-18																		
Works in KD2		95d	01-Mar-17 A	03-Jun-17																		
Works in TS3-East		95d	01-Mar-17 A	03-Jun-17																		
Removal of Temporary Reclamation at TS3(E)		95d	01-Mar-17 A	03-Jun-17																		
TS3E Remaining Works & TS3E/TS3W, TS3E/TS2 Stitching Works		95d	01-Mar-17 A	03-Jun-17																		
West Bound Tunnel (W/B)		91d	01-Mar-17 A	30-May-17																		
Outstanding Reinforced Concrete Works		91d	01-Mar-17 A	30-May-17																		
A6570	General Cleaning Works for the Tunnel, CCTV and Pipe WaterJack Cleaning	10d	01-Mar-17 A	07-Apr-17 A																		
A6580	Joint Site Walk	5d	20-Apr-17	24-Apr-17																		
A6590	Handover Date	1d	30-May-17	30-May-17																		
Stitching of TS2 & TS3E (5.0 m Tunnel Length for Base Slab, Roof Slab, Approx. 15 m length for OHVD)		40d	20-Apr-17	29-May-17																		
A6650	TS2/TS3E OHVD (Hindrance: Falsework Erection and Rebar Lifting) - 10 days	23d	20-Apr-17	12-May-17																		
A6660	Falsework Removal for OHVD - 7 days	7d	23-May-17	29-May-17																		
Profile Barrier and Maintenance Walkway		8d	20-Apr-17	27-Apr-17																		
A6700	Install Precast Concrete Covers on Cable Trough (2 X 90m)	8d	20-Apr-17	27-Apr-17																		
East Bound Tunnel (E/B)		62d	06-Mar-17 A	03-Jun-17																		
Outstanding Reinforced Concrete Works		62d	06-Mar-17 A	03-Jun-17																		
A6950	General Cleaning Works for the Tunnel	25d	11-Mar-17 A	23-Mar-17 A																		
A6960	Joint Site Walk	5d	29-May-17	02-Jun-17																		
A6970	Handover Date	1d	03-Jun-17	03-Jun-17																		
Stitching of TS2 & TS3E (5.0 m Length for Base Slab, Roof Slab, Approx. 15 m length for OHVD)		56d	06-Mar-17 A	28-May-17																		
A6860	TS2/TS3E OHVD (Hindrance: Falsework Erection and Rebar Lifting) - 10 days	10d	06-Mar-17 A	11-May-17																		
A6870	Falsework Removal for OHVD - 7 days	7d	22-May-17	28-May-17																		
Profile Barrier and Maintenance Walkway		8d	24-Mar-17 A	31-Mar-17 A																		
A6910	Install Precast Concrete Covers on Cable Trough (2 X 90m)	8d	24-Mar-17 A	31-Mar-17 A																		
Works in KD7		81d	04-Mar-17 A	08-Jun-17																		
Works in TS3-West		81d	04-Mar-17 A	08-Jun-17																		
Tunnel Structure		81d	04-Mar-17 A	08-Jun-17																		
Earthwork Backfilling, ELS Removal and Water Recharging		38d	04-Mar-17 A	06-Apr-17 A																		
East Portion		38d	04-Mar-17 A	30-Mar-17 A																		
A2490	Stage 4 Backfilling- 25000 m3 (-14mPD~ -7.0 mPD, Bay 2- Bay 4) - 1000 m3 per day	19d	04-Mar-17 A	22-Mar-17 A																		
A2520	Stage 5 Backfilling ~ 15000 m3 (-30 mPD ~ -7.0 mPD, Bay 1) ~ 1000 m3 per day	10d	22-Mar-17 A	28-Mar-17 A																		
A2500	Removal of 2nd Layer ELS and Removal of Reprop inside Tunnel (Bay 2- Bay 4)	7d	23-Mar-17 A	26-Mar-17 A																		
A2510	Closure of wall opening in Bay 1 of CCT (Wall 4 and Wall 5)	14d	23-Mar-17 A	26-Mar-17 A																		
A2530	Removal of 2nd Layer ELS (Bay 1)	5d	29-Mar-17 A	30-Mar-17 A																		
West Portion		6d	10-Mar-17 A	20-Mar-17 A																		
A2550	Removal of 2nd Layer ELS - 6 days	6d	10-Mar-17 A	20-Mar-17 A																		
Water Recharge (CNY- 27/1- 2/2)		1d	31-Mar-17 A	06-Apr-17 A																		
A2560	Water Re-charge to ELS Cofferdam	1d	31-Mar-17 A	06-Apr-17 A																		
Skin Wall Removal Works between TS4/TS3W and Shaft D Closure		81d	23-Mar-17 A	08-Jun-17																		
A2590	Skin Wall Removal Works between TS4/TS3W - 20 days (2nd stage) - After Tunnel Roof Slab Completion - E/B and W/B	20d	23-Mar-17 A	09-May-17																		
A2600	Construction of Remaining Tunnel Structure between CH. 4260.2- 4265.2 at SOL T100 for Mainline E/B, W/B, SR8	30d	10-May-17	08-Jun-17																		

- Actual Work
- Remaining Work
- Critical Remaining Work
- ◆ Milestone

Date	Revision	Checked	Approved
20-Apr-17	DWP-07 (6) - 3 Months Rolling	FS	TL

Activity ID	Activity Name	Original Duration	Start	Finish	2017					
					Apr	May	Jun	Jul		
Removal Bulkhead at CH525 (TS3W / SR8 Junction)										
A6080	Remove Bulkhead between TS3W & SR8	37d	06-Mar-17 A	13-Apr-17 A	Remove Bulkhead between TS3W & SR8					
A5180	Remove Scaffolding of SR1R Roof	4d	22-Mar-17 A	25-Mar-17 A	of SR1R Roof					
Works in KD8										
TS3W - Remove Temporary Reclamation										
Stage 1 - North West Corner (Bay Z4-25 to Bay 20)										
A2660	Remove filled material to -4.35mPD at Bay Z4-25 to Bay 19 (6,500m3)	8d	09-Mar-17 A	24-Mar-17 A	Remove filled material to -4.35mPD at Bay Z4-25 to Bay 19 (6,500m3)					
A2670	Remove filled material to -4.35mPD at Bay Z4-22 to Z4-24 (4,500m3)	5d	25-Mar-17 A	14-Apr-17 A	Remove filled material to -4.35mPD at Bay Z4-22 to Z4-24 (4,500m3)					
A2680	Remove seawall blocks at Bay Z4-25 to Bay 20 (426 nos.)	8d	27-Mar-17 A	10-Apr-17 A	Remove seawall blocks at Bay Z4-25 to Bay 20 (426 nos.)					
A6260	Remove filled material to -7.0 mPD	4d	05-Apr-17 A	13-Apr-17 A	Remove filled material to -7.0 mPD					
Stage 2 - North to East Side (Bay 19 to Bay 11 + Bay 26 to Bay 28)										
A2690	Break concrete slab at Bay 19 to Bay 11 + Bay 26 to Bay 28 (2,500m2)	7d	24-Mar-17 A	31-Mar-17 A	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	01-Apr-17 A	07-Apr-17 A	Remove filled material to +2.8mPD (2,500m3)					
Stage 3 - North to East Side (Bay 19 to bay 26)										
A2710	Completion of Recharging of Sea Water into TS3W Cofferdam	2d	31-Mar-17 A	04-Apr-17 A	Completion of Recharging of Sea Water into TS3W Cofferdam					
North West D-wall Opening										
A2720	Core D-wall cut holes at Panel DW02 to NA6 (27 nos.)	6d	07-Apr-17 A	10-Apr-17 A	Core D-wall cut holes at Panel DW02 to NA6 (27 nos.)					
A2730	Vertical cut at Panel DW02 to NA6 (19 nos.)	8d	14-Apr-17 A	20-Apr-17 A	Vertical cut at Panel DW02 to NA6 (19 nos.)					
A2740	Horizontal cut at Panel DW02 to NA6 (25 nos.)	8d	21-Apr-17 A	29-Apr-17 A	Horizontal cut at Panel DW02 to NA6 (25 nos.)					
North East & East										
A2750	Remove filled material to -4.35mPD (22,500m3)	9d	13-Apr-17 A	26-Apr-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	20-Apr-17 A	29-Apr-17	Remove seawall blocks at Bay 19 to 11 & Bay 26 to 28 (1,335 nos.)					
A2770	Remove filled material to -7.0mPD (North & East side)	10d	29-Apr-17 A	01-May-17	Remove filled material to -7.0mPD (North & East side)					
Stage 4 - West & South Side (Remove Seawall Block Bay Z4-23 & 24, Excavate to -4.35mPD)										
West Side										
A2790	Remove seawall blocks at Bay Bay Z4-23 to Z4-24 (249 nos.)	5d	31-Mar-17 A	02-May-17	Remove seawall blocks at Bay Bay Z4-23 to Z4-24 (249 nos.)					
A2800	Remove filled material to -7.0mPD (West)	5d	03-May-17	07-May-17	Remove filled material to -7.0mPD (West)					
North East Side										
A2810	Core D-wall cut holes at Panel W1D1 to W1D32 (128 nos.) (North Side)	14d	19-Apr-17 A	26-Apr-17 A	Core D-wall cut holes at Panel W1D1 to W1D32 (128 nos.) (North Side)					
A2820	Vertical cut at Panel W1D1 to W1D32 (96 nos.) (North Side)	16d	27-Apr-17 A	08-May-17	Vertical cut at Panel W1D1 to W1D32 (96 nos.) (North Side)					
A2830	Horizontal cut at Panel W1D1 to W1D32 (128 nos.) (North Side)	20d	17-May-17	05-Jun-17	Horizontal cut at Panel W1D1 to W1D32 (128 nos.) (North Side)					
East Side										
A2840	Core D-wall cut holes at Panel TZ31 to TZ38 (32 nos.) (East Side)	10d	20-Apr-17 A	26-Apr-17 A	Core D-wall cut holes at Panel TZ31 to TZ38 (32 nos.) (East Side)					
A2850	Vertical cut at Panel TZ31 to TZ38 (24 nos.) (East Side)	9d	16-May-17	24-May-17	Vertical cut at Panel TZ31 to TZ38 (24 nos.) (East Side)					
A2860	Horizontal cut at Panel TZ31 to TZ38 (32 nos.) (East Side)	10d	25-May-17	03-Jun-17	Horizontal cut at Panel TZ31 to TZ38 (32 nos.) (East Side)					
South Side										
A2870	Remove filled material to -4.35mPD (41,300m3)	30d	20-Apr-17	19-May-17	Remove filled material to -4.35mPD (41,300m3)					
Stage 5 - West & South side (Reove Seawall Block Bay 24 7 25, Excavate to -7.0mPD)										
A2910	Core D-wall cut holes at Panel BWD2 to BWD9 (30 nos.) (West Side)	5d	12-Apr-17 A	17-Apr-17 A	Core D-wall cut holes at Panel BWD2 to BWD9 (30 nos.) (West Side)					
A2920	Vertical cut at Panel BWD2 to BWD9 (22 nos.) (West Side)	8d	08-May-17	15-May-17	Vertical cut at Panel BWD2 to BWD9 (22 nos.) (West Side)					
A2930	Horizontal cut at Panel BWD2 to BWD9 (29 nos.) (West Side)	8d	16-May-17	23-May-17	Horizontal cut at Panel BWD2 to BWD9 (29 nos.) (West Side)					
A2880	Remove seawall blocks at Bay 24, 25 (264 nos.) (South West)	6d	20-May-17	25-May-17	Remove seawall blocks at Bay 24, 25 (264 nos.) (South West)					
A2890	Remove seawall blocks at Bay 2 to 4 (550 nos.) (South East)	11d	20-May-17	30-May-17	Remove seawall blocks at Bay 2 to 4 (550 nos.) (South East)					
A2900	Remove filled material to -7.0mPD (South)	7d	31-May-17	06-Jun-17	Remove filled material to -7.0mPD (South)					

Activity ID	Activity Name	Original Duration	Start	Finish	2017											
					Apr	May	Jun	Jul								
Egress Passage - EP01		31d	13-Mar-17 A	24-Apr-17 A												
Bay C1		31d	13-Mar-17 A	14-Apr-17 A												
A7690	C1 - EP01 Wall Construction	9d	13-Mar-17 A	30-Mar-17 A	Wall Construction											
A7700	C1 - EP01 Roof Construction	8d	13-Mar-17 A	30-Mar-17 A	Roof Construction											
A8010	C1 - Dismantle Scaffolding of EP01 Roof Slab - 10 days Curing	14d	31-Mar-17 A	14-Apr-17 A	C1 - Dismantle Scaffolding of EP01 Roof Slab - 10 days Curing											
Bay C2		31d	13-Mar-17 A	14-Apr-17 A												
A7710	C2 - EP01 Wall Construction	9d	13-Mar-17 A	30-Mar-17 A	Wall Construction											
A7720	C2 - EP01 Roof Construction	8d	13-Mar-17 A	30-Mar-17 A	Roof Construction											
A8020	C2 - Dismantle Scaffolding of EP01 Roof Slab - 10 days Curing	14d	31-Mar-17 A	14-Apr-17 A	C2 - Dismantle Scaffolding of EP01 Roof Slab - 10 days Curing											
Bay C3		31d	20-Mar-17 A	24-Apr-17 A												
A7730	C3 - EP01 Wall Construction	9d	20-Mar-17 A	05-Apr-17 A	C3 - EP01 Wall Construction											
A7740	C3 - EP01 Roof Construction	8d	20-Mar-17 A	05-Apr-17 A	C3 - EP01 Roof Construction											
A8030	C3 - Dismantle Scaffolding of EP01 Roof Slab - 10 days Curing	14d	06-Apr-17 A	24-Apr-17 A	C3 - Dismantle Scaffolding of EP01 Roof Slab - 10 days Curing											
Bay C4		31d	20-Mar-17 A	24-Apr-17 A												
A7750	C4 - EP01 Wall Construction	9d	20-Mar-17 A	05-Apr-17 A	C4 - EP01 Wall Construction											
A7760	C4 - EP01 Roof Construction	8d	20-Mar-17 A	05-Apr-17 A	C4 - EP01 Roof Construction											
A8040	C4 - Dismantle Scaffolding of EP01 Roof Slab - 10 days Curing	14d	06-Apr-17 A	24-Apr-17 A	C4 - Dismantle Scaffolding of EP01 Roof Slab - 10 days Curing											
Utility Trough		27d	20-Apr-17	16-May-17												
Bay C1		16d	20-Apr-17	05-May-17												
A7790	RHS / C1 - Backing Concrete	4d	20-Apr-17	23-Apr-17	RHS / C1 - Backing Concrete											
A7800	RHS / C1 - Profile Barrier	4d	24-Apr-17	27-Apr-17	RHS / C1 - Profile Barrier											
A7770	LHS / C1 - Backing Concrete	4d	28-Apr-17	01-May-17	LHS / C1 - Backing Concrete											
A7780	LHS / C1 - Profile Barrier	4d	02-May-17	05-May-17	LHS / C1 - Profile Barrier											
Bay C2		16d	20-Apr-17	05-May-17												
A7830	RHS / C2 - Backing Concrete	4d	20-Apr-17	23-Apr-17	RHS / C2 - Backing Concrete											
A7840	RHS / C2 - Profile Barrier	4d	24-Apr-17	27-Apr-17	RHS / C2 - Profile Barrier											
A7810	LHS / C2 - Backing Concrete	4d	28-Apr-17	01-May-17	LHS / C2 - Backing Concrete											
A7820	LHS / C2 - Profile Barrier	4d	02-May-17	05-May-17	LHS / C2 - Profile Barrier											
Bay C3		16d	20-Apr-17	05-May-17												
A7870	RHS / C3 - Backing Concrete	4d	20-Apr-17	23-Apr-17	RHS / C3 - Backing Concrete											
A7880	RHS / C3 - Profile Barrier	4d	24-Apr-17	27-Apr-17	RHS / C3 - Profile Barrier											
A7850	LHS / C3 - Backing Concrete	4d	28-Apr-17	01-May-17	LHS / C3 - Backing Concrete											
A7860	LHS / C3 - Profile Barrier	4d	02-May-17	05-May-17	LHS / C3 - Profile Barrier											
Bay C4		16d	20-Apr-17	05-May-17												
A7910	RHS / C4 - Backing Concrete	4d	20-Apr-17	23-Apr-17	RHS / C4 - Backing Concrete											
A7920	RHS / C4 - Profile Barrier	4d	24-Apr-17	27-Apr-17	RHS / C4 - Profile Barrier											
A7890	LHS / C4 - Backing Concrete	4d	28-Apr-17	01-May-17	LHS / C4 - Backing Concrete											
A7900	LHS / C4 - Profile Barrier	4d	02-May-17	05-May-17	LHS / C4 - Profile Barrier											
Bay C5		16d	01-May-17	16-May-17												
A7950	RHS / C5 - Backing Concrete	4d	01-May-17	04-May-17	RHS / C5 - Backing Concrete											
A7960	RHS / C5 - Profile Barrier	4d	05-May-17	08-May-17	RHS / C5 - Profile Barrier											
A7930	LHS / C5 - Backing Concrete	4d	09-May-17	12-May-17	LHS / C5 - Backing Concrete											
A7940	LHS / C5 - Profile Barrier	4d	13-May-17	16-May-17	LHS / C5 - Profile Barrier											
SR8 (Zone B) - Ch.385.000 to Ch.317.500 - (Inside Victoria Park to Tunnel Portal)		77d	20-Apr-17	05-Jul-17												

Activity ID	Activity Name	Original Duration	Start	Finish	2017				
					Apr	May	Jun	Jul	
SR8 (Zone B) Tunnel - ELS / CCT / BF Works (7 Bays Ch. 385.000 to Ch.317.500)									
Portal Structure									
OHVD									
Bay B1 + B2 (CH338.625 to CH368)									
SR8_ZB_1390	Zone B - OHVD - Erect Scaffolding & Soffit Formwork	6d	20-Apr-17	25-Apr-17	Zone B - OHVD - Erect Scaffolding & Soffit Formwork				
SR8_ZB_1400	Zone B - Redrill & Install Rebar on Soffit of Roof Slab	10d	26-Apr-17	05-May-17	Zone B - Redrill & Install Rebar on Soffit of Roof Slab				
SR8_ZB_1420	Zone B - OHVD - Rebar Fixing for Slab & Hanger Wall of OHVD	4d	06-May-17	10-May-17	Zone B - OHVD - Rebar Fixing for Slab & Hanger Wall of OHVD				
SR8_ZB_1430	Zone B - OHVD Erect Hanger Wall Formwork for OHVD	2d	11-May-17	12-May-17	Zone B - OHVD Erect Hanger Wall Formwork for OHVD				
SR8_ZB_1440	Zone B - OHVD Place Concrete to OHVD Slab & Wall	1d	13-May-17	13-May-17	Zone B - OHVD Place Concrete to OHVD Slab & Wall				
SR8_ZB_1450	Zone B - OHVD Curing Period for OHVD Slab	10d	15-May-17	25-May-17	Zone B - OHVD Curing Period for OHVD Slab				
SR8_ZB_1460	Zone B - OHVD Remove Soffit Formwork & Scaffolding	5d	26-May-17	01-Jun-17	Zone B - OHVD Remove Soffit Formwork & Scaffolding				
Utility Trough									
Left Hand Side									
SR8_ZB_1570	Zone B - U trough (LHS) Bay 3	7d	10-Jun-17	17-Jun-17			Zone B - U trough (LHS) Bay 3		
SR8_ZB_1560	Zone B - U trough (LHS) Bay 2	7d	19-Jun-17	26-Jun-17			Zone B - U trough (LHS) Bay 2		
SR8_ZB_1550	Zone B - U trough (LHS) Bay 1	7d	27-Jun-17	05-Jul-17			Zone B - U trough (LHS) Bay 1		
Right Hand Side									
SR8_ZB_1600	Zone B - U trough (RHS) Bay 3	7d	02-Jun-17	09-Jun-17			Zone B - U trough (RHS) Bay 3		
SR8_ZB_1590	Zone B - U trough (RHS) Bay 2	7d	10-Jun-17	17-Jun-17			Zone B - U trough (RHS) Bay 2		
SR8_ZB_1580	Zone B - U trough (RHS) Bay 1	7d	19-Jun-17	26-Jun-17			Zone B - U trough (RHS) Bay 1		
Pump House									
Remining Works inside Pump Sump E									
SR8_ZB_1890	Steel Works Installation inside Pump Sump E	45d	20-Apr-17	03-Jun-17	Steel Works Installation inside Pump Sump E				
SR8_ZB_1900	Installation Manhole Covers for Pump Sump E	7d	04-Jun-17	10-Jun-17	Installation Manhole Covers for Pump Sump E				
SR8 (Zone A) - Ch 317.500 to Ch 210.000 - U-Structure & Slab (Victoria Park)									
RC CCT & Backfill Ch317.5000 to Ch240.000									
Structure									
Utility Through									
SR8_ZA_1260	Zone A - Utility Trough for Zone A (CH240 to CH317)	28d	22-Jan-17 A	26-May-17	Zone A - Utility Trough for Zone A (CH240 to CH317)				
Works in KD9 (Include Re-provisioning Works of KD4,KD5)									
External Works Under KD9									
Tsing Fung St - RW & Subway Extension & Toe Wall at Hing Fat St									
Retaining Wall + Toe Wall at Hing Fat Street									
Retaining Wall RW8D									
Bay 3(10m) to Bay 4(10m)									
RW8D_1220	RW8D (Bay 3 to Bay 4) - Sub-soil & Backfilling to Base Slab	6d	23-Jan-17 A	23-Mar-17 A	- Sub-soil & Backfilling to Base Slab				
Works along RW8D During Reopen Hing Fat Street Footpath to Public									
A4910	Close slow lane of HFS to cut coping of RW8D and subway	20d	01-Mar-17 A	26-Apr-17 A	Close slow lane of HFS to cut coping of RW8D and subway				
A4920	Lay temp bituminous pavement for road diversion (from RW8D to Subway)	3d	20-Apr-17	22-Apr-17	Lay temp bituminous pavement for road diversion (from RW8D to Subway)				
A4940	Install steel vehicle parapet on RW8C, subway and RW8D	10d	20-Apr-17	02-May-17	Install steel vehicle parapet on RW8C, subway and RW8D				
Retaining Walls RW8E, Sign Footings & Sewer Pipe (SK266G, SK539C, SK375B)									
A4615	Re-occupy Hing Fat Street Footpath as site Area	1d	20-Mar-17 A	20-Mar-17 A	Footpath as site Area				
A4620	Excavate and lay blinding layer of RW8E (Including ELS)	14d	19-Apr-17 A	08-May-17	Excavate and lay blinding layer of RW8E (Including ELS)				
A4880	DS16 - Sign Frame Installation	14d	20-Apr-17	03-May-17	DS16 - Sign Frame Installation				

Activity ID	Activity Name	Original Duration	Start	Finish	2017			
					Apr	May	Jun	Jul
A4650	MH2-70 to MH2-71(150 dia. foul sewer pipe)	12d	20-Apr-17	05-May-17		MH2-70 to MH2-71(150 dia. foul sewer pipe)		
A4630	Construction of RW8E and toe wall (2+1 bays, 32m long)	45d	09-May-17	30-Jun-17			Construction of RW8E and toe wall (2+1 bays, 32m long)	
A4640	Backfill and subsoil drainage system behind RW8E	14d	03-Jul-17	18-Jul-17			Backfill and subsoil drainage system behind RW8E	
A4670	MH2-72 to MH2-73	12d	19-Jul-17	01-Aug-17				MH2-72 to MH2-73
Storm Drain Pipe behind RW8C along Tsing Fung Street (SK547A)		42d	20-Apr-17	10-Jun-17				
A4540	Modified MH shaft A2 at extg box culvert near MH TFS-04A	14d	20-Apr-17*	08-May-17		Modified MH shaft A2 at extg box culvert near MH TFS-04A		
A6410	MHTFS-06 to extg MH A3 (at slow lane of TFS)	14d	09-May-17	24-May-17		MHTFS-06 to extg MH A3 (at slow lane of TFS)		
A8050	MHTFS-05 to extg MH A3 (gully)	14d	25-May-17	10-Jun-17			MHTFS-05 to extg MH A3 (gully)	
Sign Footings at Victoria Park		75d	20-Apr-17	20-Jul-17				
A4570	Construction of 5m CCTV, AID, OHVD, TSG, luminance meter at verge inside VP	60d	20-Apr-17*	03-Jul-17			Construction of 5m CCTV, AID, OHVD, TSG, luminance meter at verge inside VP	
A4580	All drawpits (ATC, E&M and lighting) and ductings at verge inside VP (SK375B)	60d	10-May-17	20-Jul-17			All drawpits (ATC, E&M and lighting) and ductings at verge inside VP (SK375B)	
Boundary Fence, Type 2 Railing Footings & Fence Wall From RW8C to Zone B		242d	12-Dec-16 A	11-Sep-17				
A8070	Fence wall between BGO and Zone A (78.2m)	90d	12-Dec-16 A	03-Jul-17			Fence wall between BGO and Zone A (78.2m)	
A4700	Construction of boundary fence from RW8C toe wall to 15m CCTV high mast (approx. 53m)	50d	19-Dec-16 A	20-May-17		Construction of boundary fence from RW8C toe wall to 15m CCTV high mast (approx. 53m)		
A4710	Modification/ Re-construction of extg type 2 railing footing in front of RW8C (approx. 40m)	60d	10-Feb-17 A	01-Aug-17			Modification/ Re-construction of extg type 2 railing footing in front of RW8C (approx. 40m)	
A4720	Construction of boundary fence from 15m CCTV high mast to Zone A at CH210 (approx. 50m)	50d	22-May-17	20-Jul-17			Construction of boundary fence from 15m CCTV high mast to Zone A at CH210 (approx. 50m)	
A4730	Construction of boundary fence near nursery compound (approx. 167m, after completion of MH 2-73)	90d	27-May-17	11-Sep-17			Construction of boundary fence near nursery compound (approx. 167m, after completion of MH 2-73)	
Other Storm, Sewerage Pipe & Irrigation System in VP (SK336E, SK539D)		141d	21-Feb-17 A	07-Aug-17				
A4770	MH2-71 to TFS-06 via MH2-72 and MH 2-73 (300 dia. concrete pipe)	40d	21-Feb-17 A	26-May-17		MH2-71 to TFS-06 via MH2-72 and MH 2-73 (300 dia. concrete pipe)		
A4740	FMH-B01 to Extg 1-40 (5 MHs and 7 foul sewer PE pipeline)	90d	20-Apr-17	07-Aug-17			FMH-B01 to Extg 1-40 (5 MHs and 7 foul sewer PE pipeline)	
A4970	Irrigation Main Laying	14d	27-May-17	09-Jun-17		Irrigation Main Laying		
A4760	MHB (beside pump sump E) to MH2-70 (300 dia. stormwater pipeline)	14d	27-May-17	13-Jun-17			MHB (beside pump sump E) to MH2-70 (300 dia. stormwater pipeline)	
A4980	Water Points Installation	14d	10-Jun-17	23-Jun-17			Water Points Installation	
Preparation Works before Implementation TTA at Central Median		141d	02-Feb-17 A	20-Jul-17				
A4795	Excavate to formation level and lay subbase, fix K1 kerb along TFS	14d	02-Feb-17 A	05-May-17		Excavate to formation level and lay subbase, fix K1 kerb along TFS		
A4890	Laying Ducting Cross Access Ramp Down to Zone C SR8 Tunnel	60d	20-Apr-17	18-Jun-17			Laying Ducting Cross Access Ramp Down to Zone C SR8 Tunnel	
A4930	Shifting Site Entrance 6A	4d	19-Jun-17	22-Jun-17			Shifting Site Entrance 6A	
A4950	Laying Ducting in New SR8 Approaching Island	14d	23-Jun-17	06-Jul-17			Laying Ducting in New SR8 Approaching Island	
A5020	Forming Island Including Sub-base & Kerbing	14d	07-Jul-17	20-Jul-17			Forming Island Including Sub-base & Kerbing	
Reverting Traffic for IEC, VP Rd & TF St & Seawall Reinstatement (KD9)		98d	27-Mar-17 A	13-Aug-17				
TTA Revert Traffic Back to Original Alignment		98d	27-Mar-17 A	13-Aug-17				
Preparation Works - Backfill of Zone C to Top of Tunnel Structure		59d	27-Mar-17 A	16-Jun-17				
A5790	Waterproofing & Screeding to Roof	4d	27-Mar-17 A	14-May-17		Waterproofing & Screeding to Roof		
A5800	Load Transfer for King Post	6d	05-Apr-17 A	20-May-17		Load Transfer for King Post		
A5820	Zone C - Bay C1 to C5 Backfill to Formation & Remove Struts SL1 to SL3 (Up to +2.5mPD)	44d	10-Apr-17 A	16-Jun-17			Zone C - Bay C1 to C5 Backfill to Formation & Remove Struts SL1 to SL3 (Up to +2.5mPD)	
A5780	Curing to Roof Slab of Zone C	3d	08-May-17	10-May-17		Curing to Roof Slab of Zone C		
A5810	Make Good Box-out Left by King Post	2d	21-May-17	22-May-17		Make Good Box-out Left by King Post		
East Bound TTA - IEC East Bound, Victoria Park Road & Footpath along Sea Side		30d	17-Jun-17	16-Jul-17				
Stage 1 - IEC (East Bound)		30d	17-Jun-17	16-Jul-17				
A5240	IEC/EB - Construct Footing of Sign Gantry & Wing Wall	17d	17-Jun-17	03-Jul-17			IEC/EB - Construct Footing of Sign Gantry & Wing Wall	
A5260	IEC/EB - Backfill to Formation Level (Approx. 2.2mPD to +3.9mPD)	5d	17-Jun-17	21-Jun-17			IEC/EB - Backfill to Formation Level (Approx. 2.2mPD to +3.9mPD)	
A5270	IEC/EB - Reconstruct Wing Wall of Abutment M (approx. 6m)	10d	17-Jun-17	26-Jun-17			IEC/EB - Reconstruct Wing Wall of Abutment M (approx. 6m)	
A5280	IEC/EB - Cast Central Median	21d	17-Jun-17	07-Jul-17			IEC/EB - Cast Central Median	
A5310	IEC/EB - Remove Temporary Utilities Supports at IEC	3d	17-Jun-17	19-Jun-17			IEC/EB - Remove Temporary Utilities Supports at IEC	

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					Apr	May	Jun	Jul
VP_NC_1140	E&M Issue P.O. / Manufacturing / Fabrication	15d	20-Jan-17 A	22-May-17	E&M Issue P.O. / Manufacturing / Fabrication			
VP_NC_1150	E&M Materail Delivery	30d	23-May-17	27-Jun-17	E&M Materail Delivery			
Shop Drawing								
VP_NC_1170	E&M Shop Drawing - ER Review and Approval	30d	20-Apr-17	26-May-17	E&M Shop Drawing - ER Review and Approval			
Nursery compound								
A4410	Concreting of two concrete plinths, 150 thick curbs and 1450H parapet wall above roof slab	7d	09-Mar-17 A	30-Mar-17 A	g of two concrete plinths, 150 thick curbs and 1450H parapet wall above roof slab			
A4420	ABWF, Plumbing Works, waterproofing and E&M works	60d	05-Apr-17 A	06-Sep-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	09-Feb-18				
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	20-Apr-17	Establishment Works - for Landscape Softworks and transplanted trees in Portion VI & VII			
KD10 - Preservation and Protection of Trees								
PPT_0000	Preservation and Protection of Existing Trees	1088d	21-Mar-13 A	20-Apr-17	Preservation and Protection of Existing Trees			
KD15 & KD8 - Mooring Components Upkeep (CBTS and ATS)								
MAR_3020	Mooring Upkeep at Portion X(10) & XVI(16) - CBTS	979d	15-May-14 A	20-Apr-17	Mooring Upkeep at Portion X(10) & XVI(16) - CBTS			
Works for Public Works Regional Laboratory (North Lantau) - KD1,KD16,KD17)								
KD17 - Maintenance and Upkeep of New PWRL (Portion XVII)								
PWRL_1050	Maintenance/ Upkeep of New PWRL	1301d	19-Jul-13 A	21-Nov-17				

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						Apr	May	Jun	Jul
Update 2017-04-20 CWB(CC) - Commissioning Contract (DWP R2d)									
PRELIMINARIES AND GENERAL REQUIREMENTS									
Salient Key Dates and Milestones									
Contract Key Dates									
KD003	KD3 - Achievement of Stage 3 (1178 days)	0		20-May-17*	0		▲		
KD002	KD2 - Achievement of Stage 2 (1232 days)	0		13-Jul-17*	0				▲
Possession Dates and Vacation Dates									
PO-IVa2_b	Possession of Portion IVa (Day 930) - SR1	203	30-Mar-17 A	18-Oct-17	-369	[Red bar from Apr to Jul]			
PO-Vb2_b	Possession of Portion V (Day 607) - SCP3	182	20-Apr-17	18-Oct-17	-343	[Red bar from Apr to Jul]			
PO-IVc	Possession of Portion IVc (Day 1144) - MVB (above +5.0mPD)	111	30-Jun-17	18-Oct-17	-74	[Red bar from Jun to Jul]			
Submissions and Approvals									
Initial General Submission									
1211	Submission of 1st Project video film	0		17-Apr-17 A		◆			
9932	Submission of 1st Project video film Video1 / Video2 (Release II)	0		20-Apr-17*	-809	◆			
DETAILED DESIGN OF WORKS									
Permanent Works Design and Engineering									
Metal Roof on MVB									
2188	MVB Roof - Engineer review & approval	24	06-Mar-17 A	05-May-17	-259	[Red bar from Mar to May]			
2190	MVB Roof - Prepare the Detailed Design submission	12	06-May-17	19-May-17	-259	[Red bar from May to May]			
2192	MVB Roof - Finalise detailed design submission and ICE Checks & issue Check Certificate	12	20-May-17	03-Jun-17	-259	[Red bar from May to Jun]			
12436	MVB Roof - Submit detailed design to the Engineer with ICE Certificate	0		03-Jun-17	-259			◆	
2194	MVB Roof - Engineer review & Approval; Consent to Proceed Construction	24	05-Jun-17	03-Jul-17	-257	[Red bar from Jun to Jul]			
Green Roof on EVB									
2166	EVB Roof - Engineer review & Approval; Consent to Proceed Construction	24	18-Apr-16 A	05-May-17	-324	[Red bar from Apr to May]			

- ◆ Current Milestone
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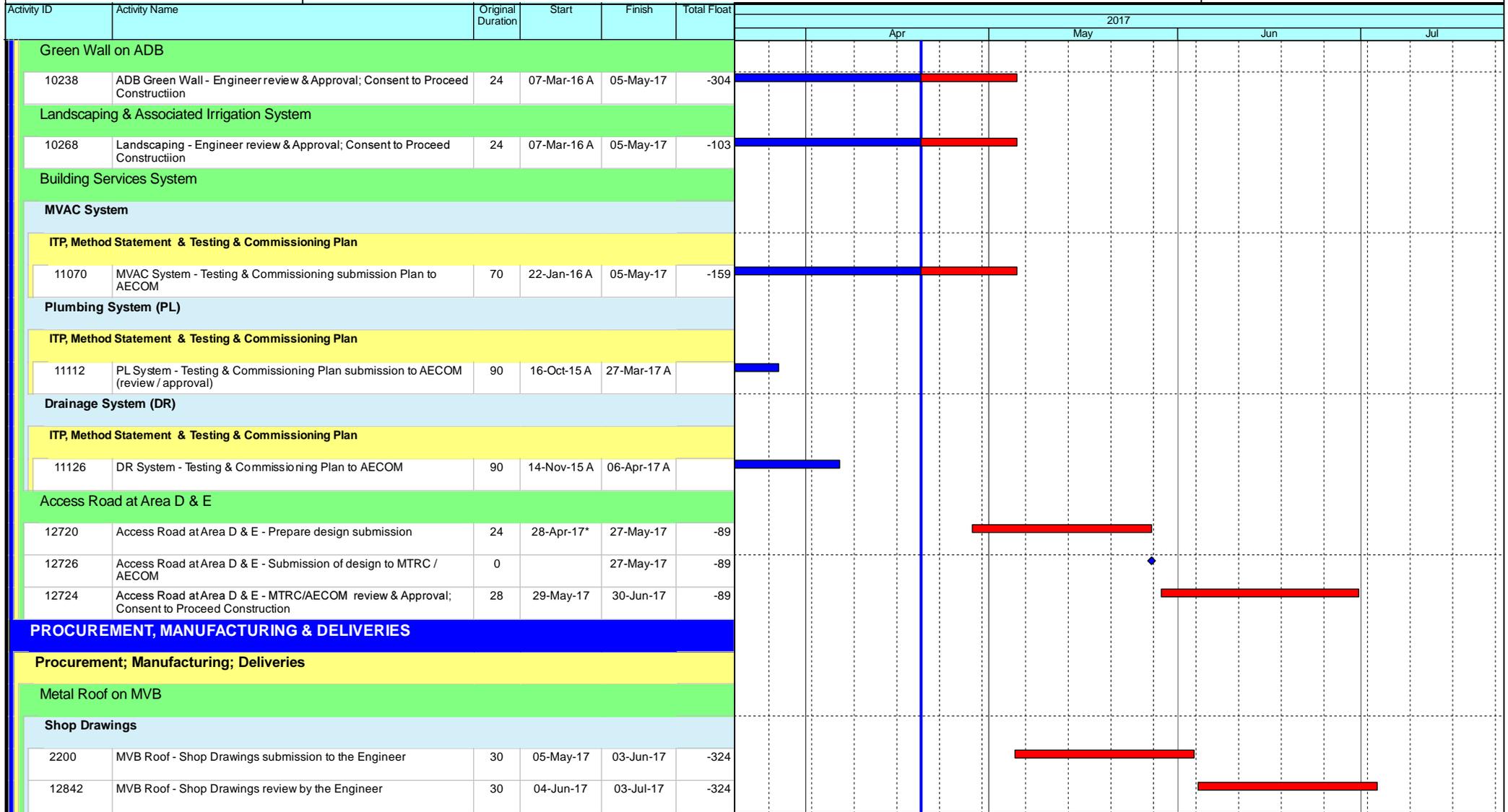
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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2017			
						Apr	May	Jun	Jul
2202	MVB Roof - Obtain Approval for Shop Drawings	0		03-Jul-17	-324				◆
Procurement & Fabrication									
2204	MVB Roof - Confirm design of embed items	0	04-Jul-17		-324				◆
2206	MVB Roof - Embed fabrication & delivery	48	04-Jul-17	20-Aug-17	-324				■
Metal Roof on WVB									
Procurement & Fabrication									
2224	WVB Roof - Metal Roof Fabrication (For Tunnel portal side)	62	23-Nov-16 A	09-May-17	-494	■	■		
Green Roof on EVB									
Shop Drawings									
2228	EVB Green Roof - Shop Drawings submission to the Engineer	30	06-May-17	04-Jun-17	-408		■		
12846	EVB Green Roof - Shop Drawings review the Engineer	30	05-Jun-17	04-Jul-17	-408			■	
2230	EVB Green Roof - Obtain Approval for Shop Drawings	0		04-Jul-17	-408				◆
Procurement & Fabrication									
2232	EVB Green Roof - Confirm design of embed items	0	05-Jul-17		-408				◆
2234	EVB Green Roof - Embed fabrication & delivery	60	05-Jul-17	02-Sep-17	-408				■
Landscaping and Associated Irrigation System									
Shop Drawings									
10272	Landscaping - Shop Drawings submission to the Engineer	30	06-May-17	04-Jun-17	-137		■		
12848	Landscaping - Shop Drawings review by the Engineer	30	05-Jun-17	04-Jul-17	-137			■	
10274	Landscaping - Obtain Approval for Shop Drawings	0		04-Jul-17	-137				◆
Procurement & Fabrication									
10276	Landscaping - Confirm design of embed items	0	05-Jul-17		-137				◆
10278	Landscaping - Embed fabrication & delivery	60	05-Jul-17	02-Sep-17	-137				■
Green Wall on ADB									

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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2017					
						Apr	May	Jun	Jul		
Shop Drawings											
10242	ADB Green Wall - Shop Drawings submission to the Engineer	30	06-May-17	04-Jun-17	-380						
12850	ADB Green Wall - Shop Drawings review the Engineer	30	05-Jun-17	04-Jul-17	-380						
10244	ADB Green Wall - Obtain Approval for Shop Drawings	0		04-Jul-17	-380						
Procurement & Fabrication											
10246	ADB Green Wall - Confirm design of embed items	0	05-Jul-17		-380						
10248	ADB Green Wall - Embed fabrication & delivery	60	05-Jul-17	02-Sep-17	-380						
VE Brackets / Panels											
Procurement & Fabrication											
12508	VE Brackets / Panels - Manufacturing & Delivery (Panels)	60	11-Dec-15 A	09-May-17	-192						
Architectural Feature on EVS											
Procurement & Fabrication											
10086	EVS - Architectural Features delivery	60	09-Jun-17	07-Aug-17	-452						
2254	EVS - Commence installation	0	09-Jul-17		-452						
Air Purification System (APS)											
Procurement & Fabrication											
10088	APS - Ship to HK Store (2nd Batch)	80	18-Jan-17 A	16-Jun-17	-175						
13664	APS - Ship to HK Store (3rd Batch)	80	19-Jun-17	06-Oct-17	-175						
Building Services System											
Shop Drawings / CSD / CBWD											
2314	BS(MVB) - Obtain Approval for Shop Drawings, CSD & CBWD	0		20-Apr-17	149						
2318	BS(EVB) - Obtain Approval for Shop Drawings, CSD & CBWD	0		20-Apr-17	105						
Thermal Barriers											
Procurement & Fabrication											

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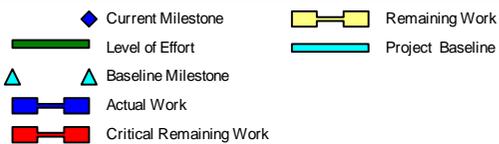
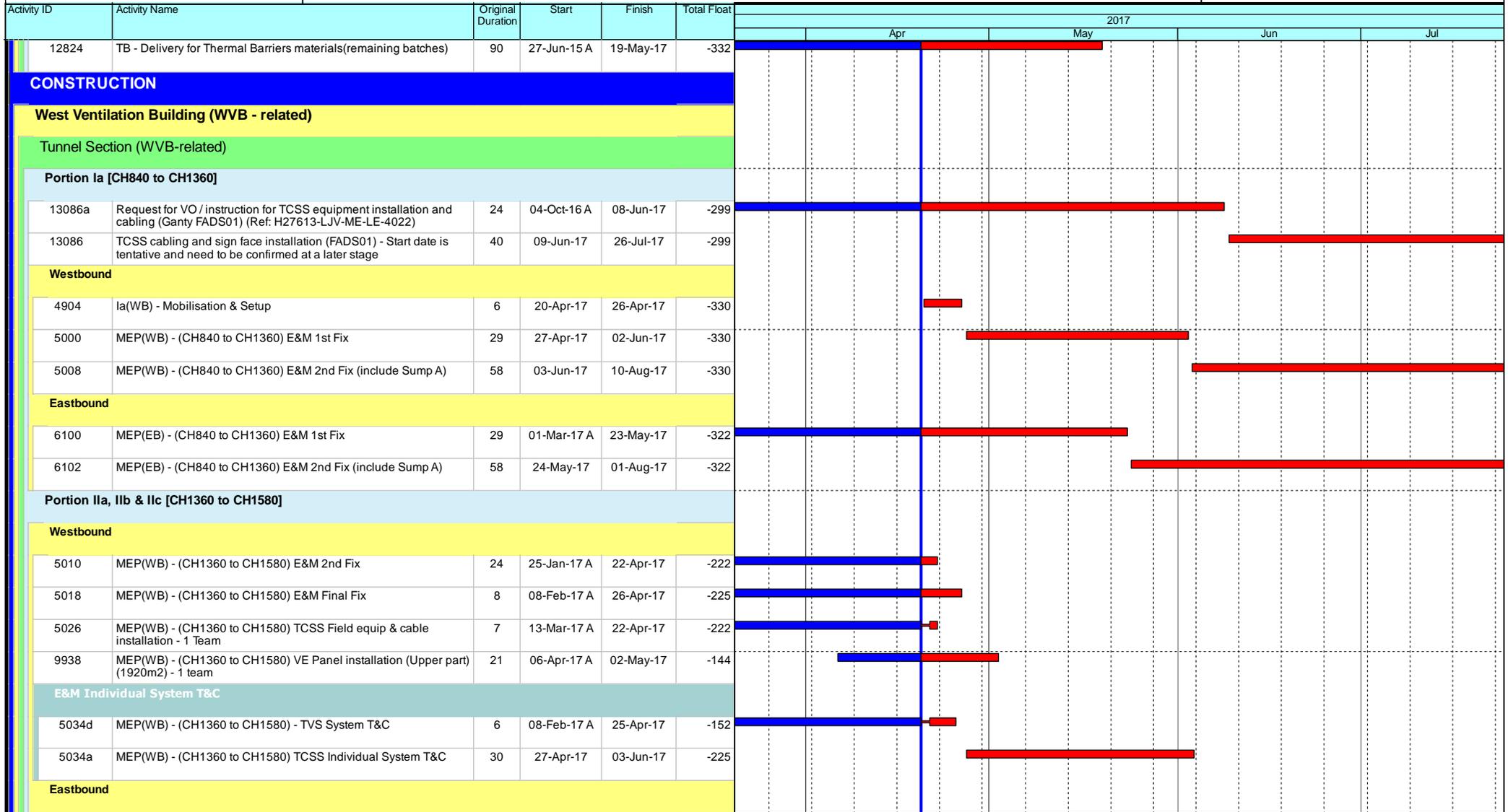
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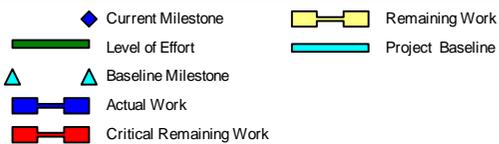
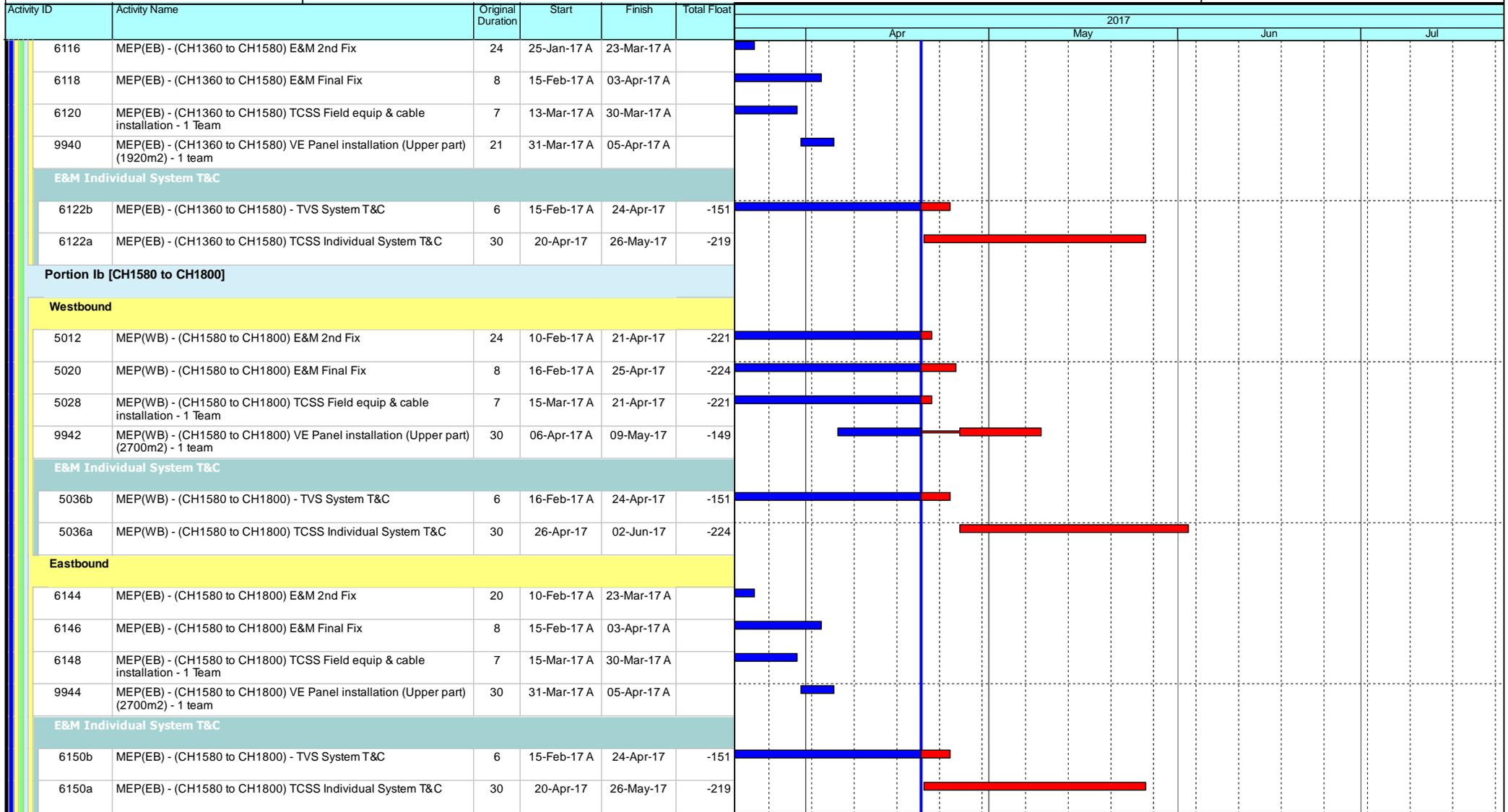
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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2017					
						Apr	May	Jun	Jul		
Portion III [CH1800 to CH2600]											
Westbound											
5014	MEP(WB) - (CH1800 to CH2600) E&M 2nd Fix	89	16-Nov-16 A	21-Apr-17	-221						
5022	MEP(WB) - (CH1800 to CH2600) E&M Final Fix	28	08-Feb-17 A	25-Apr-17	-224						
4930a1	III(WB) - Masking wall construction (VO/092) (33m, 13d/9m/cycle) - 2 teams (Duration tentative)	24	13-Mar-17 A	08-Apr-17 A							
5030	MEP(WB) - (CH1800 to CH2600) TCSS Field equip & cable installation - 1 Team	25	16-Mar-17 A	25-Apr-17	-224						
9946	MEP(WB) - (CH1800 to CH2600) VE Panel installation (Upper part) (9600m2) - 2 team	54	06-Apr-17 A	15-May-17	-154						
E&M Individual System T&C											
5038b	MEP(WB) - (CH1800 to CH2600) - TVS System T&C	6	08-Feb-17 A	24-Apr-17	-151						
5038a	MEP(WB) - (CH1800 to CH2600) TCSS Individual System T&C	30	26-Apr-17	02-Jun-17	-224						
Eastbound											
9948a	MEP(EB) - (CH1800 to CH2600) VE Panel installation (Lower part) (9600m2) - 2 team	54	04-Oct-16 A	23-May-17	-335						
6130	MEP(EB) - (CH1800 to CH2600) E&M 2nd Fix (include Sump I)	89	09-Feb-17 A	23-May-17	-293						
6132	MEP(EB) - (CH1800 to CH2600) E&M Final Fix	28	15-Feb-17 A	23-May-17	-268						
9948	MEP(EB) - (CH1800 to CH2600) VE Panel installation (Upper part) (9600m2) - 2 team	54	24-May-17	27-Jul-17	-227						
6140b1	III(EB) - Masking wall construction (VO/092) (93m, 13d/9m/cycle) - 2 teams (Duration tentative)	67	24-May-17	11-Aug-17	-335						
6134	MEP(EB) - (CH1800 to CH2600) TCSS Field equip & cable installation - 1 Team	25	14-Jul-17	11-Aug-17	-335						
West Ventilation Building (WVB)											
RC Structures and Metal Roof											
Metal Roof											
Metal Roof Eastern Side (M.J. East)											
10442a7	WVB - Installation of steel roof structure (Eastern side) (GL A-C)	23	07-Nov-16 A	31-Mar-17 A							
10442a8	WVB - Installation of steel roof structure (Eastern side) (GL C-E)	21	14-Nov-16 A	29-Mar-17 A							
10442a9	WVB - Installation of steel roof structure (Eastern side) (GL E-J)	23	19-Dec-16 A	31-Mar-17 A							

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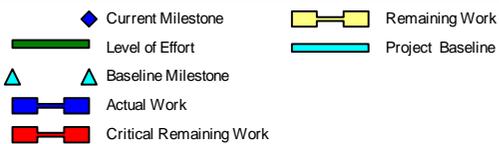
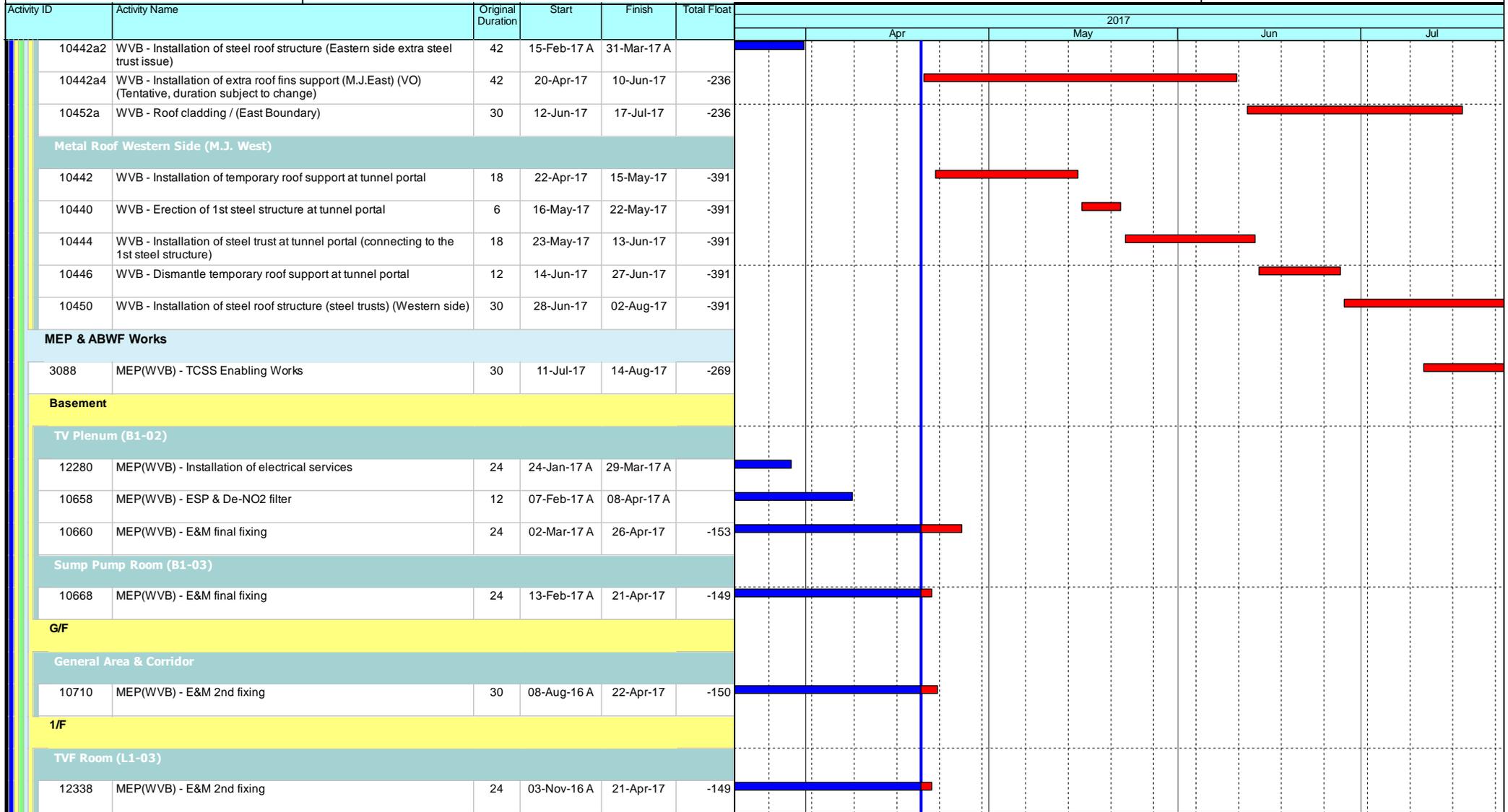
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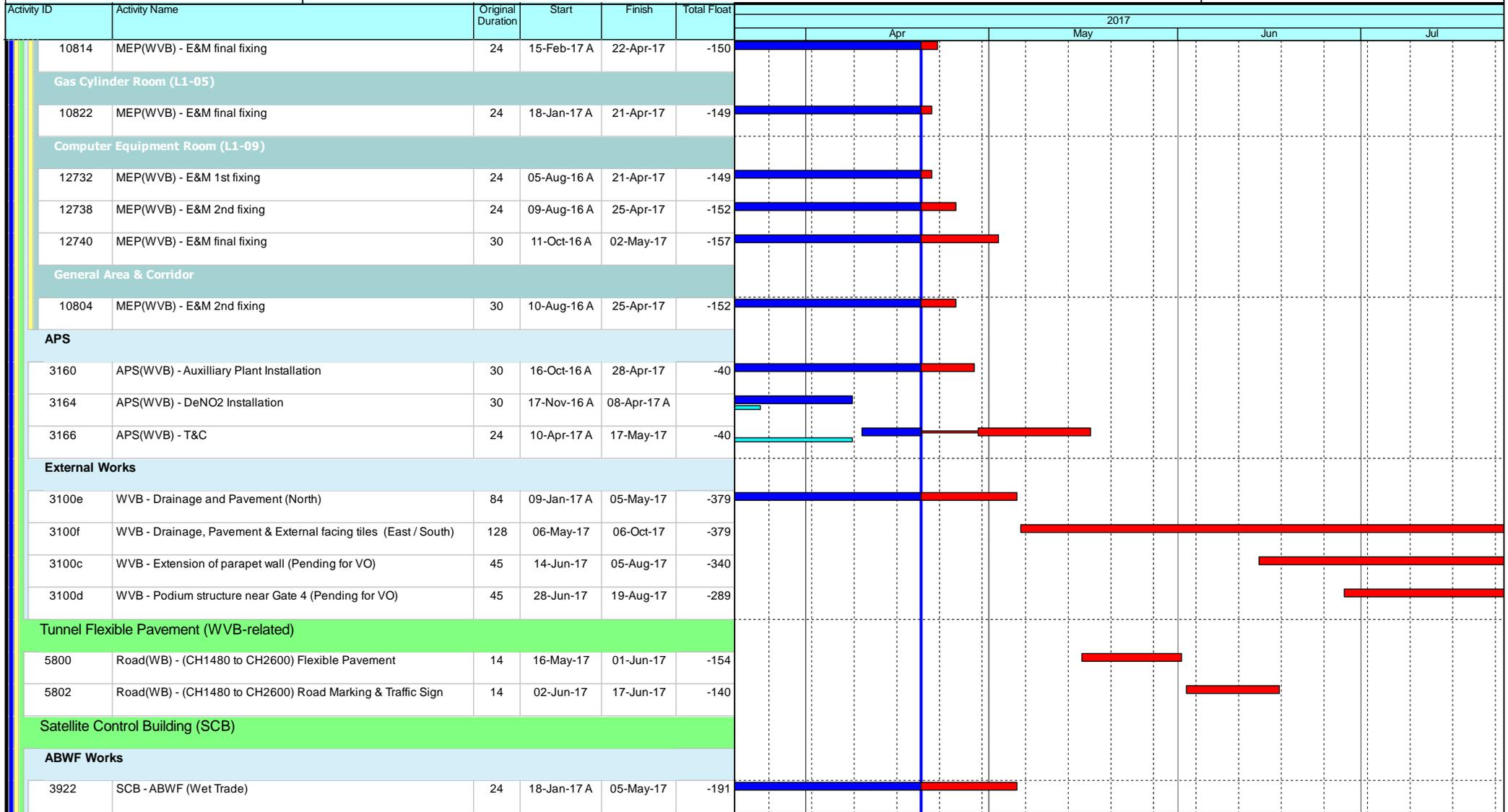
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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2017			
						Apr	May	Jun	Jul
3926	SCB - ABWF (Dry Trade)	24	11-Apr-17 A	09-May-17	-143				
3928	SCB - Metal works / steel platform / Ladders / Handrails	36	10-May-17	21-Jun-17	-143				
External Facade									
3930	SCB - External facing tiles / Louvre	48	06-May-17	03-Jul-17	-188				
MEP Works									
3932	MEP(SCB) - E&M Start	0	06-May-17		-191				
3934	MEP(SCB) - E&M 1st Fix	24	06-May-17	03-Jun-17	-191				
3938	MEP(SCB) - E&M 2nd Fix	24	20-May-17	17-Jun-17	-191				
External Works									
3946	SCB - External concrete pavement	18	04-Jul-17	24-Jul-17	-188				
Satellite Control Points 1 / 2									
SCP1									
3708a	VO052 - Construct steel vehicle parapet at elevated layby	40	18-Aug-16 A	28-Apr-17	-253				
3708	SCP1 - Construct SCP RC Structures	18	09-Mar-17 A	02-May-17	-255				
3710	SCP1 - ABWF Works	24	20-May-17	17-Jun-17	-269				
3712	MEP(SCP1) - E&M 1st Fix	18	12-Jun-17	03-Jul-17	-269				
3722	SCP1 - External Works	30	19-Jun-17	24-Jul-17	-160				
3711	SCP1 - Metal works / Glazing / Louver / Handrails	24	19-Jun-17	17-Jul-17	-166				
10106	MEP(SCP1) - TCSS Enabling Works	18	19-Jun-17	10-Jul-17	-269				
3714	MEP(SCP1) - E&M 2nd Fix	18	11-Jul-17	31-Jul-17	-190				
SCP2									
3734	SCP2 - ABWF Works	24	20-Apr-17	19-May-17	-269				
3746	SCP2 - External Works	30	20-Apr-17	26-May-17	-213				
3736	MEP(SCP2) - E&M 1st Fix	18	20-May-17	10-Jun-17	-237				

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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2017			
						Apr	May	Jun	Jul
3748	SCP2 - Metal works / Glazing / Louver / Handrails	24	27-May-17	24-Jun-17	-213				
3738	MEP(SCP2) - E&M 2nd Fix	18	12-Jun-17	03-Jul-17	-237				
3740	MEP(SCP2) - E&M Final Fix	18	04-Jul-17	24-Jul-17	-237				
Middle Ventilation Building (MVB - related)									
Tunnel Section (MVB-related)									
Portion IVa (CH2600 to CH2950)									
5112b1	IVa - Initial Site Survey (CH2720 to CH2950)	12	13-Mar-17 A	02-May-17	-269				
5110b2	Possession of Portion IVa2 (SR1)	0	30-Mar-17 A						
5112b2	IVa - Initial Site Survey (SR1)	12	31-Mar-17 A	02-May-17	-296				
Slip Road 1									
10028	IVa (SR1) - Mobilisation & Setup	6	04-May-17	10-May-17	-296				
12220	IVa (SR1) - Anchorage installation for subsequent E&M 1st Fix and VE panel frame support (include protection) (1200m2)	13	11-May-17	25-May-17	-296				
10030	IVa (SR1) - Thermal Barrier installation (include protection removal) - 1 team	33	26-May-17	05-Jul-17	-296				
10018	MEP(SR1) - (CH171 to CH271) E&M 1st Fix	4	06-Jul-17	10-Jul-17	-296				
10020	MEP(SR1) - (CH171 to CH271) E&M 2nd Fix (include Sump B)	30	11-Jul-17	14-Aug-17	-296				
Westbound (CH2600 to CH2720)									
12222a	IVa (WB) - Anchorage installation for subsequent E&M 1st Fix and VE panel frame support (include protection) (1173m2)	7	15-Mar-17 A	13-Apr-17 A					
5100a	MEP(WB) - (CH2600 to CH2720) E&M 1st Fix	12	14-Apr-17 A	02-May-17	-175				
5102a	MEP(WB) - (CH2600 to CH2720) E&M 2nd Fix	12	04-May-17	17-May-17	-175				
5116a	IVa(WB) - Thermal Barrier installation (include protection removal) - 2 team	20	20-May-17	13-Jun-17	-266				
Eastbound (CH2600 to CH2720)									
5130a	IVa(EB) - Thermal Barrier installation (include protection removal) - 2 team	20	05-Mar-17 A	06-May-17	-253				
5118a	MEP(EB) - (CH2600 to CH2720) E&M 1st Fix	12	12-Apr-17 A	02-May-17	-170				
5120a	MEP(EB) - (CH2600 to CH2720) E&M 2nd Fix	7	04-May-17	11-May-17	-170				

- ◆ Current Milestone
- ▬ Level of Effort
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- ▬ Critical Remaining Work
- ▬ Remaining Work
- ▬ Project Baseline
- ▲ Baseline Milestone

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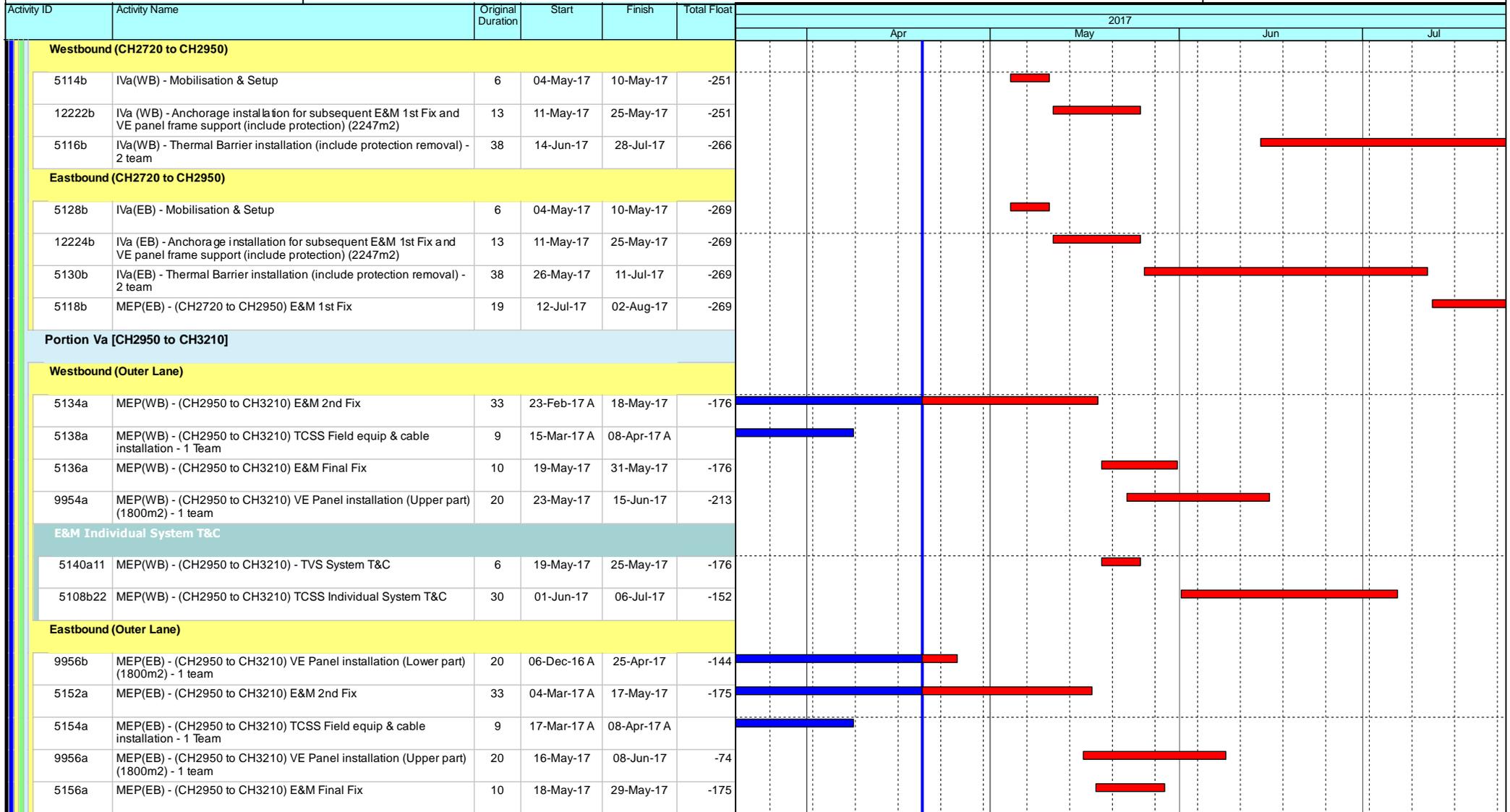
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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2017					
						Apr	May	Jun	Jul		
E&M Individual System T&C											
5158a11	MEP(WB) - (CH2720 to CH2950) - TVS System T&C	6	18-May-17	24-May-17	-175		■				
5158a2	MEP(EB) - (CH2950 to CH3210) TCSS Individual System T&C	30	01-Jun-17	06-Jul-17	-152			■			
Portion Vb1 (SR3)											
Slip Road 3											
10032b	MEP(SR3) - (CH3089 to CH3334) E&M 1st Fix	13	15-Mar-17 A	27-Apr-17	-187	■					
10036b	MEP(SR3) - (CH3089 to CH3334) TCSS Field equip & cable installation - 1 Team	8	15-Mar-17 A	27-Apr-17	-160	■					
10048c	MEP(SR3) - (CH3089 to CH3334) VE Panel installation (Lower part) (2940m2) - 1 team	33	26-Apr-17	06-Jun-17	-144		■				
10034b	MEP(SR3) - (CH3089 to CH3334) E&M 2nd Fix (include Sump C)	27	28-Apr-17	01-Jun-17	-187		■				
10038b	MEP(SR3) - (CH3089 to CH3334) E&M Final Fix	8	02-Jun-17	10-Jun-17	-187			■			
10048b	MEP(SR3) - (CH3089 to CH3334) VE Panel installation (Upper part) (2940m2) - 1 team	33	09-Jun-17	18-Jul-17	-74			■			
E&M Individual System T&C											
10040b11	EP(SR3) - (CH3089 to CH3334) - TVS System T&C	6	02-Jun-17	08-Jun-17	-187			■			
10040b2	EP(SR3) - (CH3089 to CH3334) TCSS Individual System T&C	30	12-Jun-17	17-Jul-17	-161			■			
Portion Vb2 (SR2 / SCP3)											
Slip Road 2											
10050b	MEP(SR2) - (CH3114 to CH3257) E&M 1st Fix	8	08-Mar-17 A	24-Apr-17	-197	■					
10056b	MEP(SR2) - (CH3114 to CH3257) TCSS Field equip & cable installation - 1 Team	5	16-Mar-17 A	24-Apr-17	-153	■					
10052b	MEP(SR2) - (CH3114 to CH3257) E&M 2nd Fix (include Sump F)	40	25-Apr-17	13-Jun-17	-197		■				
10054b	MEP(SR2) - (CH3114 to CH3257) E&M Final Fix	5	14-Jun-17	19-Jun-17	-197			■			
E&M Individual System T&C											
10058b11	MEP(SR2) - (CH3114 to CH3257) - TVS System T&C	6	14-Jun-17	20-Jun-17	-197			■			
10058b2	MEP(SR2) - (CH3114 to CH3257) TCSS Individual System T&C	30	20-Jun-17	25-Jul-17	-168			■			
Portion Vc [CH3210 to CH3250]											

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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2017					
						Apr	May	Jun	Jul		
Westbound (Outer Lane)											
9954d	MEP(WB) - (CH3210 to CH3250) VE Panel installation (Lower part) (1800m2) - 1 team	20	07-Dec-16 A	26-Apr-17	-213						
5134c	MEP(WB) - (CH3210 to CH3250) E&M 2nd Fix	18	23-Feb-17 A	29-Apr-17	-162						
5138c	MEP(WB) - (CH3210 to CH3250) TCSS Field equip & cable installation - 1 Team	9	17-Mar-17 A	08-Apr-17 A							
9954c	MEP(WB) - (CH3210 to CH3250) VE Panel installation (Upper part) (1800m2) - 1 team	20	27-Apr-17	22-May-17	-213						
5136c	MEP(WB) - (CH3210 to CH3250) E&M Final Fix	10	02-May-17	13-May-17	-162						
E&M Individual System T&C											
5140c11	MEP(WB) - (CH3210 to CH3250) - TVS System T&C	6	02-May-17	09-May-17	-162						
5140c2	MEP(WB) - (CH3210 to CH3250) - TCSS LCS site commissioning test	30	20-Jun-17	25-Jul-17	-168						
Eastbound (Outer Lane)											
9956d	MEP(EB) - (CH3210 to CH3250) VE Panel installation (Lower part) (1800m2) - 1 team	20	10-Dec-16 A	26-Apr-17	-60						
5152c	MEP(EB) - (CH3210 to CH3250) E&M 2nd Fix	18	02-Mar-17 A	29-Apr-17	-162						
5154c	MEP(EB) - (CH3210 to CH3250) TCSS Field equip & cable installation - 1 Team	9	17-Mar-17 A	08-Apr-17 A							
9956c	MEP(EB) - (CH3210 to CH3250) VE Panel installation (Upper part) (1800m2) - 1 team	20	20-Apr-17	15-May-17	-74						
5156c	MEP(EB) - (CH3210 to CH3250) E&M Final Fix	10	02-May-17	13-May-17	-162						
E&M Individual System T&C											
5158c11	MEP(EB) - (CH3210 to CH3250) - TVS System T&C	6	02-May-17	09-May-17	-162						
5158c2	MEP(EB) - (CH3210 to CH3250) TCSS Individual System T&C	30	15-May-17	19-Jun-17	-138						
Portion Via [CH3250 to CH3283]											
Westbound											
5178a	Via(WB) - Mobilisation & Setup	8	20-Apr-17	28-Apr-17	-292						
12234a	Via(WB) - Anchorage installation for subsequent E&M 1st Fix and VE panel frame support (include protection) (528m2)	6	29-Apr-17	08-May-17	-292						
5180a	Via(WB) - Thermal Barrier installation (include protection removal) - 1 team	11	09-May-17	20-May-17	-292						
5164a	MEP(WB) - (CH3250 to CH3283) E&M 1st Fix	6	22-May-17	27-May-17	-212						

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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2017			
						Apr	May	Jun	Jul
9958a	MEP(WB) - (CH3250 to CH3283) VE Panel installation (Upper part) (528m2) - 1 team	6	22-May-17	27-May-17	-151				
9958a1	MEP(WB) - (CH3250 to CH3283) VE Panel installation (Lower part) (528m2) - 1 team	6	22-May-17	27-May-17	-151				
5166a	MEP(WB) - (CH3250 to CH3283) E&M 2nd Fix	6	29-May-17	05-Jun-17	-212				
5170a	MEP(WB) - (CH3250 to CH3283) TCSS Field equip & cable installation - 1 Team	5	06-Jun-17	10-Jun-17	-212				
5168a	MEP(WB) - (CH3250 to CH3283) E&M Final Fix	5	12-Jun-17	16-Jun-17	-212				
E&M Individual System T&C									
5172a11	MEP(WB) - (CH3250 to CH3283) - TVS System T&C	6	12-Jun-17	17-Jun-17	-195				
5172a2	MEP(WB) - (CH3250 to CH3283) TCSS Individual System T&C	30	17-Jun-17	22-Jul-17	-166				
Eastbound									
5194a	V1a(EB) - Thermal Barrier installation (include protection removal) - 1 team	11	10-Dec-16 A	26-Apr-17	-284				
5194a1	V1a(WB) - Masking wall construction (VO/092) (33m, 13d/9m/cycle) - 2 teams (Duration tentative)	24	27-Apr-17	26-May-17	-195				
9960a	MEP(EB) - (CH3250 to CH3283) VE Panel installation (Upper part) (528m2) - 1 team	6	29-May-17	05-Jun-17	-151				
9960a1	MEP(EB) - (CH3250 to CH3283) VE Panel installation (Lower part) (528m2) - 1 team	6	29-May-17	05-Jun-17	-151				
5182a	MEP(EB) - (CH3250 to CH3283) E&M 1st Fix	6	17-Jun-17	23-Jun-17	-212				
5184a	MEP(EB) - (CH3250 to CH3283) E&M 2nd Fix	6	24-Jun-17	30-Jun-17	-212				
5188a	MEP(EB) - (CH3250 to CH3283) TCSS Field equip & cable installation - 1 Team	5	24-Jun-17	29-Jun-17	-206				
5186a	MEP(EB) - (CH3250 to CH3283) E&M Final Fix	5	03-Jul-17	07-Jul-17	-212				
E&M Individual System T&C									
5190a11	MEP(EB) - (CH3250 to CH3283) - TVS System T&C	6	03-Jul-17	08-Jul-17	-212				
5190a2	MEP(EB) - (CH3250 to CH3283) TCSS Individual System T&C	30	08-Jul-17	11-Aug-17	-183				
Portion V1b [CH3428 to CH3625]									
Westbound									
5196b2	MEP(WB) - (CH3428 to CH3625) E&M 1st Fix	12	07-Dec-16 A	21-Apr-17	-177				
5198b2	MEP(WB) - (CH3428 to CH3625) E&M 2nd Fix	12	15-Mar-17 A	27-Apr-17	-160				

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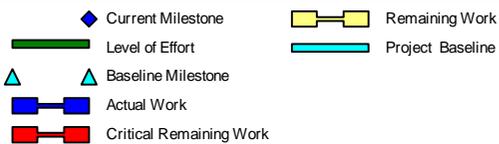
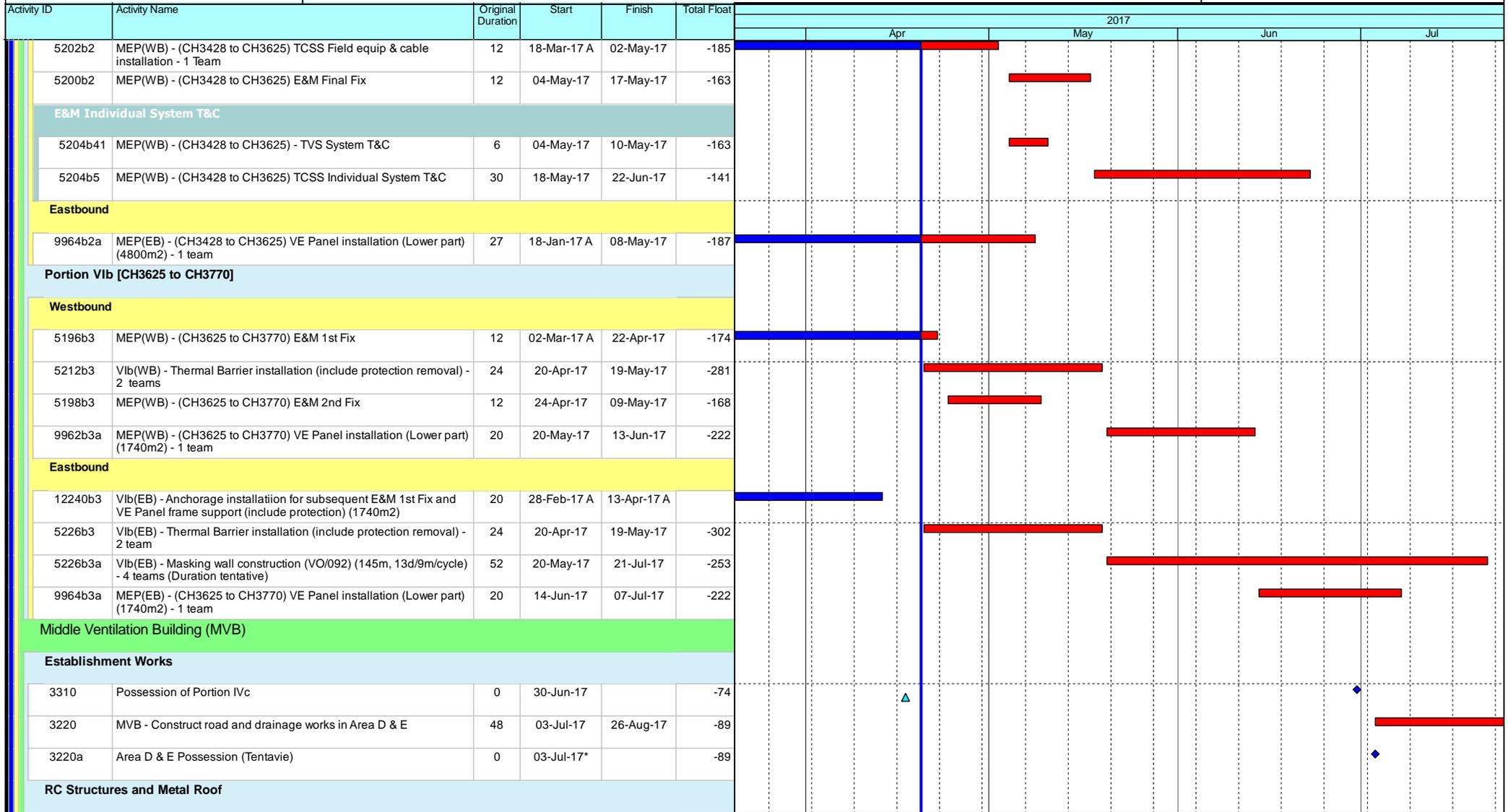
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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2017			
						Apr	May	Jun	Jul
13090	MVB - Plinths and Cast-in items at Basement (Late start, affected by CSLJV defect rectification works)	60	06-Mar-17 A	28-Apr-17	-175				
Zone B - G/F (GL D - H)									
11128	MVB Zone B (G/F)- Construct G/F Formwork for column / wall	8	20-Mar-17 A	08-Apr-17 A					
11146	MVB Zone B (G/F) - Rebar fixing for column / walls	12	22-Mar-17 A	08-Apr-17 A					
11150	MVB Zone B (G/F) - Scaffolding for beam & slab	10	29-Mar-17 A	08-Apr-17 A					
11146a	MVB Zone B (G/F) - CSLJV tower crane dismantle and temporary closure of access	3	08-Apr-17 A	11-Apr-17 A					
11152	MVB Zone B (G/F) - Decking / Formwork for beam & slab	10	10-Apr-17 A	12-Apr-17 A					
11148	MVB Zone B (G/F) - Concrete for column / walls	1	12-Apr-17 A	12-Apr-17 A					
11154	MVB Zone B (G/F) - Rebar for beam & slab	12	13-Apr-17 A	20-Apr-17	-308				
11156	MVB Zone B (G/F) - Close formwork for beam & slab	10	21-Apr-17	04-May-17	-308				
11158	MVB Zone B (G/F) - Concrete beam & slab (1/F floor slab)	1	05-May-17	05-May-17	-308				
G-01 TVF Fan Room 1									
11220	MVB G-01 - Internal walls / Cast-in items	6	27-Apr-17	05-May-17	-183				
G-02 TVF Fan Room 2									
11218	MVB G-02 - Internal walls / Cast-in items	6	27-Apr-17	05-May-17	-195				
G/F (GL D-H) Other Rooms / Corridors / Staircase									
11226	MVB G/F (GL D-H) - Remaining Internal walls / Cast-in items	12	20-Apr-17	05-May-17	-183				
11228	MVB G/F (GL D-H) - Plinths / R.C. curbs	12	06-May-17	19-May-17	-183				
Zone A - G/F (GL A - D)									
11132	MVB Zone A (G/F) - Rebar fixing for column / walls	12	08-Apr-17 A	02-May-17	-279				
3212	MVB Zone A (G/F) - Formwork for column / wall (Late start affected by CSLJV modification works)	6	12-Apr-17 A	25-Apr-17	-274				
11134	MVB Zone A (G/F) - Concrete for column / walls	1	04-May-17	04-May-17	-279				
11136	MVB Zone A (G/F) - Scaffolding for beam & slab	6	05-May-17	11-May-17	-279				
11138	MVB Zone A (G/F) - Decking / Formwork for beam & slab	6	12-May-17	18-May-17	-279				

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						Apr	May	Jun	Jul
11140	MVB Zone A (G/F) - Rebar for beam & slab	10	19-May-17	31-May-17	-279				
11142	MVB Zone A (G/F) - Close formwork for beam & slab	6	01-Jun-17	07-Jun-17	-279				
11144	MVB Zone A (G/F) - Concrete beam & slab (1/F floor slab)	1	08-Jun-17	08-Jun-17	-279				
G-07 HKE/HV Switch Room 1									
11210	MVB G-07 - Internal walls / Cast-in items	6	02-Jun-17	08-Jun-17	-231				
G-10 HKE/HV Switch Room 2									
11208	MVB G-10 - Internal walls / Cast-in items	6	02-Jun-17	08-Jun-17	-219				
G-05 Transformer Room 1									
11212	MVB G-05 - Internal walls / Cast-in items	6	02-Jun-17	08-Jun-17	-231				
G-08 Transformer Room 2									
11214	MVB G-08 - Internal walls / Cast-in items	12	25-May-17	08-Jun-17	-213				
G-11 Fire Control Centre									
11216	MVB G-11 - Internal walls / Cast-in items	12	25-May-17	08-Jun-17	-165				
G/F Other Rooms / Corridors / Staircase									
11222	MVB G/F (GL A-D) - Remaining Internal walls / Cast-in items	24	11-May-17	08-Jun-17	-165				
11224	MVB G/F (GL A-D) - Plinths / R.C. curbs	12	09-Jun-17	22-Jun-17	-165				
Zone B - 1/F (GL D - H)									
11176	MVB Zone B (1/F) - Formwork for column / wall	8	06-May-17	15-May-17	-308				
11178	MVB Zone B (1/F) - Rebar fixing for column / walls	12	16-May-17	29-May-17	-308				
11180	MVB Zone B (1/F) - Concrete for column / walls	1	31-May-17	31-May-17	-308				
11182	MVB Zone B (1/F) - Scaffolding for beam & slab	10	01-Jun-17	12-Jun-17	-308				
11184	MVB Zone B (1/F) - Decking / Formwork for beam & slab	10	13-Jun-17	23-Jun-17	-308				
11186	MVB Zone B (1/F) - Rebar for beam & slab	12	24-Jun-17	08-Jul-17	-308				
11188	MVB Zone B (1/F) - Close formwork for beam & slab	10	10-Jul-17	20-Jul-17	-308				

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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2017			
						Apr	May	Jun	Jul
19030	MEP(MVB) - E&M 1st fixing	30	31-May-17	05-Jul-17	-163			[Red Bar]	
19032	MEP(MVB) - E&M 2nd fixing	24	06-Jul-17	02-Aug-17	-163				[Red Bar]
Basement 2M (GL D - H)									
TV Plenum									
19036	MEP(MVB) - ABWF Works	12	31-May-17	13-Jun-17	-175			[Red Bar]	
19038	MEP(MVB) - E&M 1st fixing	30	14-Jun-17	19-Jul-17	-175			[Red Bar]	
Basement 1 (GL D - H)									
General Area & Corridor									
11312	MEP(MVB) - ABWF Works	12	29-Apr-17	15-May-17	-151	[Red Bar]			
11314	MEP(MVB) - E&M 1st fixing	30	16-May-17	20-Jun-17	-151		[Red Bar]		
11316	MEP(MVB) - E&M 2nd fixing	24	21-Jun-17	19-Jul-17	-151			[Red Bar]	
Basement 1 (GL A - D)									
MCC Room 1 (B1-04)									
11280	MVB - ABWF works for MCC Room 1	12	01-Jun-17	14-Jun-17	-258			[Red Bar]	
11282	MEP(MVB) - E&M 1st fixing	12	15-Jun-17	28-Jun-17	-204			[Red Bar]	
12346	APS(MVB) - E&M 2nd fixing	12	29-Jun-17	13-Jul-17	-204				[Red Bar]
11284	MEP(MVB) - MCC installation	12	14-Jul-17	27-Jul-17	-158				[Red Bar]
UPS Room 1 (B1-11)									
11288	MVB - ABWF works for UPS Room	12	15-Jun-17	28-Jun-17	-258			[Red Bar]	
11290	MEP(MVB) - E&M 1st fixing	12	29-Jun-17	13-Jul-17	-212				[Red Bar]
12348	APS(MVB) - E&M 2nd fixing	12	14-Jul-17	27-Jul-17	-212				[Red Bar]
MCC Room 2 (B1-07)									
11304	MVB - ABWF works for MCC Room 2	12	29-Jun-17	13-Jul-17	-258				[Red Bar]
11306	MEP(MVB) - E&M 1st fixing	12	14-Jul-17	27-Jul-17	-212				[Red Bar]

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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2017					
						Apr	May	Jun	Jul		
Computer Equipment Room (B1-09)											
12742	MVB - ABWF works for Computer Equipment Room	12	14-Jul-17	27-Jul-17	-258						
Portion IVa Road Surface Area											
19044	Access date for Portion IVa Road Surface Area (C3 Interface Contractor)	0	03-Jul-17*		-249						
19046	TCSS equipment installation & cabling (Tentative)	96	03-Jul-17	24-Oct-17	-249						
19050	Lighting equipment installation & cabling (Tentative)	48	03-Jul-17	26-Aug-17	-7						
Satellite Control Point 3											
SCP3											
3750	SCP3 - Possession of Portion Vb2	0	20-Apr-17		-275						
3752	SCP3 - Initial Site Survey	6	20-Apr-17	26-Apr-17	-275						
3754	SCP3 - Erect Hoarding	6	27-Apr-17	05-May-17	-275						
3756	SCP3 - Mobilisation and setup	12	06-May-17	19-May-17	-275						
3758	SCP3 - Construct SCP RC Structures	24	20-May-17	17-Jun-17	-275						
3772	SCP3 - External Works	30	12-Jun-17	17-Jul-17	-275						
3760	SCP3 - ABWF Works	24	19-Jun-17	17-Jul-17	-275						
3762	MEP(SCP3) - E&M 1st Fix	18	18-Jul-17	07-Aug-17	-275						
East Ventilation Building (EVB - related)											
Tunnel Section (EVB-related)											
Portion VIc [CH3770 to CH3800]											
Westbound											
5210c	VIc(WB) - Mobilisation & Setup	12	11-Mar-17 A	25-Mar-17 A							
12238c	VIc(WB) - Anchorage installation for subsequent E&M 1st Fix and VE Panel frame support (include protection) (450m2)	5	27-Mar-17 A	13-Apr-17 A							
Eastbound											
5224c	VIc(EB) - Mobilisation & Setup	12	22-Mar-17 A	04-Apr-17 A							

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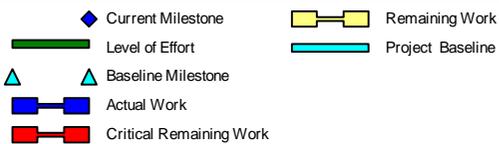
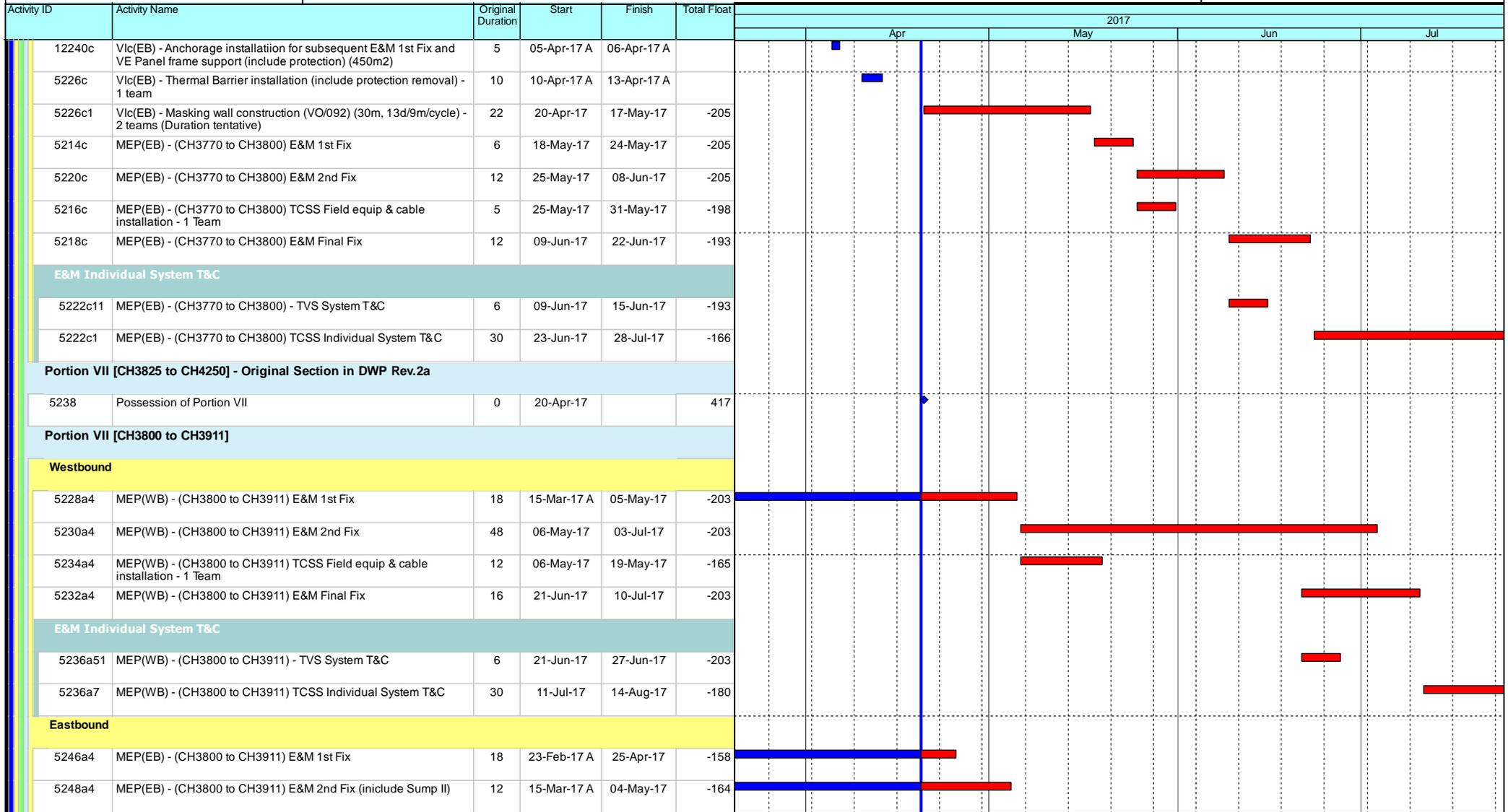
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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2017			
						Apr	May	Jun	Jul
5252a4	MEP(EB) - (CH3800 to CH3911) TCSS Field equip & cable installation - 1 Team	12	17-Mar-17 A	04-May-17	-164				
5250a4	MEP(EB) - (CH3800 to CH3911) E&M Final Fix	16	05-May-17	23-May-17	-164				
9968a4	MEP(EB) - (CH3800 to CH3911) VE Panel installation (Upper part) (1332m2) - 1 team	15	08-Jul-17	25-Jul-17	-178				
9968a4a	MEP(EB) - (CH3800 to CH3911) VE Panel installation (Lower part) (1332m2) - 1 team	15	08-Jul-17	25-Jul-17	-222				
E&M Individual System T&C									
5254a51	MEP(EB) - (CH3800 to CH3911) - TVS System T&C	6	05-May-17	11-May-17	-164				
5254a7	MEP(EB) - (CH3800 to CH3911) TCSS Individual System T&C	30	24-May-17	28-Jun-17	-141				
Portion VII [CH3911 to CH4250]									
Access Shaft Opening									
10118a	VII(WB) - Closure of shaft access opening	18	20-Apr-17	12-May-17	-5				
10120a	VII(WB) - shaft access opening area reinstatement works	12	13-May-17	26-May-17	-5				
Westbound									
5228a2	MEP(WB) - (CH3911 to CH4250) E&M 1st Fix	25	14-Mar-17 A	05-May-17	-208				
5234a2	MEP(WB) - (CH3911 to CH4250) TCSS Field equip & cable installation - 1 Team	15	15-Mar-17 A	06-May-17	-183				
5230a2	MEP(WB) - (CH3911 to CH4250) E&M 2nd Fix	53	06-May-17	08-Jul-17	-208				
9966a2a	MEP(WB) - (CH3911 to CH4250) VE Panel installation (Lower part) (4068m2) - 2 team	23	09-May-17	05-Jun-17	-187				
5232a2	MEP(WB) - (CH3911 to CH4250) E&M Final Fix	16	27-Jun-17	15-Jul-17	-208				
9966a2	MEP(WB) - (CH3911 to CH4250) VE Panel installation (Upper part) (4068m2) - 2 team	23	04-Jul-17	29-Jul-17	-187				
E&M Individual System T&C									
5236a21	MEP(WB) - (CH3911 to CH4250) - TVS System T&C	6	27-Jun-17	04-Jul-17	-208				
5236a3	MEP(WB) - (CH3911 to CH4250) TCSS Individual System T&C	30	17-Jul-17	19-Aug-17	-185				
Eastbound									
5246a2	MEP(EB) - (CH3911 to CH4250) E&M 1st Fix	25	22-Mar-17 A	15-May-17	-226				
5248a2	MEP(EB) - (CH3911 to CH4250) E&M 2nd Fix (include Sump II)	53	16-May-17	18-Jul-17	-226				

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						Apr	May	Jun	Jul
9968a2	MEP(EB) - (CH3911 to CH4250) VE Panel installation (Upper part) (4086m2) - 2 team	23	06-Jun-17	03-Jul-17	-187				
9968a2a	MEP(EB) - (CH3911 to CH4250) VE Panel installation (Lower part) (4086m2) - 2 team	23	06-Jun-17	03-Jul-17	-187				
5252a2	MEP(EB) - (CH3911 to CH4250) TCSS Field equip & cable installation - 1 Team	15	18-Jul-17	03-Aug-17	-225				
5250a2	MEP(EB) - (CH3911 to CH4250) E&M Final Fix	16	19-Jul-17	05-Aug-17	-226				
E&M Individual System T&C									
5254a21	MEP(EB) - (CH3911 to CH4250) - TVS System T&C	6	19-Jul-17	25-Jul-17	-226				
Slip Road 8									
13080a	VII(SR8) - Thermal Barrier installation (include protection removal) - 2 team	42	31-Mar-17 A	29-Apr-17	-308				
13080a1	VII (SR8) - Masking wall construction (VO/092) (130m, 13d/9m/cycle) - 4 teams (Duration tentative)	47	02-May-17	27-Jun-17	-305				
13068a	MEP(SR8) - (CH1000 to CH750) E&M 1st Fix	20	28-Jun-17	21-Jul-17	-305				
13070a	MEP(SR8) - (CH1000 to CH750) E&M 2nd Fix (include Sump D)	24	15-Jul-17	11-Aug-17	-241				
Portion Villa [CH4250 to CH4600]									
5272	Villa - Initial Site Survey	12	13-Mar-17 A	29-Mar-17 A					
Westbound									
5288	Villa(WB) - Mobilisation & Setup	6	30-Mar-17 A	05-Apr-17 A					
12246	Villa(WB) - Anchorage installation for subsequent E&M 1st Fix and VE Panel frame support (include protection) (3900m2)	22	06-Apr-17 A	08-Apr-17 A					
5290	Villa(WB) - Thermal Barrier installation (include protection removal) - 3 team	39	02-May-17	17-Jun-17	-308				
Eastbound									
5274	Villa(EB) - Mobilisation & Setup	6	03-Apr-17 A	08-Apr-17 A					
12248	Villa(EB) - Anchorage installation for subsequent E&M 1st Fix and VE Panel frame support (include protection) (3900m2)	22	10-Apr-17 A	13-Apr-17 A					
5276	Villa(EB) - Thermal Barrier installation (include protection removal) - 3 team	39	28-Jun-17	12-Aug-17	-385				
Slip Road 8									
13060	Villa(SR8) - Mobilisation & Setup	6	20-Apr-17	26-Apr-17	-385				
13064	Villa(SR8) - Anchorage installation for subsequent E&M 1st Fix and VE Panel frame support (include protection) (1500m2)	8	27-Apr-17	08-May-17	-385				

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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2017			
						Apr	May	Jun	Jul
13062	Villa(SR8) - Thermal Barrier installation (include protection removal) - 2 team	42	09-May-17	27-Jun-17	-385				
13050	MEP(SR8) - (CH750 to CH500) E&M 1st Fix	20	28-Jun-17	21-Jul-17	-270				
13052	MEP(SR8) - (CH750 to CH500) E&M 2nd Fix (include Sump D)	24	15-Jul-17	11-Aug-17	-241				
Portion IXd [CH4600 to CH4860]									
Westbound									
5308a1	IXd(WB) - Masking wall construction (VO/092) (134m, 13d/9m/cycle) - 4 teams (Duration tentative)	48	20-Apr-17	17-Jun-17	-244				
5292	MEP(WB) - (CH4600 to CH4860) E&M 1st Fix	14	19-Jun-17	05-Jul-17	-244				
5294	MEP(WB) - (CH4600 to CH4860) E&M 2nd Fix	29	06-Jul-17	08-Aug-17	-244				
Eastbound									
5322a1	IXd(EB) - Masking wall construction (VO/092) (134m, 13d/9m/cycle) - 4 teams (Duration tentative)	48	20-Apr-17	17-Jun-17	-279				
5310	MEP(EB) - (CH4600 to CH4860) E&M 1st Fix	14	19-Jun-17	05-Jul-17	-279				
5312	MEP(EB) - (CH4600 to CH4860) E&M 2nd Fix	29	06-Jul-17	08-Aug-17	-279				
Portion IXa [CH4860 to CH5150]									
Westbound									
5340a	MEP(WB) - (CH4860 to CH5150) Concrete Plinth construction	21	08-Mar-17 A	29-Apr-17	-301				
5324	MEP(WB) - (CH4860 to CH5150) E&M 1st Fix	16	02-May-17	20-May-17	-211				
5326	MEP(WB) - (CH4860 to CH5150) E&M 2nd Fix (include Sump E)	32	22-May-17	28-Jun-17	-211				
9978	MEP(WB) - (CH4860 to CH5150) VE Panel installation (Upper part) (3288m2) - 1 team	37	16-Jun-17	29-Jul-17	-213				
9978a	MEP(WB) - (CH4860 to CH5150) VE Panel installation (Lower part) (3288m2) - 1 team	37	16-Jun-17	29-Jul-17	-301				
5328	MEP(WB) - (CH4860 to CH5150) E&M Final Fix	10	29-Jun-17	11-Jul-17	-211				
Eastbound									
5354a	MEP(EB) - (CH4860 to CH5150) Concrete Plinth construction	21	13-Mar-17 A	29-Apr-17	-301				
5342	MEP(EB) - (CH4860 to CH5150) E&M 1st Fix	16	02-May-17	20-May-17	-237				
9980a	MEP(EB) - (CH4860 to CH5150) VE Panel installation (Lower part) (3288m2) - 1 team	37	02-May-17	15-Jun-17	-301				

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						Apr	May	Jun	Jul
5344	MEP(EB) - (CH4860 to CH5150) E&M 2nd Fix (include Sump E)	32	22-May-17	28-Jun-17	-237				
5346	MEP(EB) - (CH4860 to CH5150) E&M Final Fix	10	29-Jun-17	11-Jul-17	-237				
Portion VIIIb [SR8 CH500 to CH350]									
5368	VIIIb - Initial Site Survey	12	13-Mar-17 A	02-May-17	-232				
Slip Road 8									
5370	VIIIb(SR8) - Mobilisation & Setup	6	04-May-17	10-May-17	-232				
12258	VIIIb(SR8) - Anchorage installation for subsequent E&M 1st Fix and VE Panel frame support (include protection) (1500m2)	8	11-May-17	19-May-17	-232				
5372	VIIIb(SR8) - Thermal Barrier installation (include protection removal) - 2 team	25	19-Jun-17	18-Jul-17	-256				
5356a	MEP(SR8) - (CH500 to CH350) E&M 1st Fix	12	19-Jul-17	01-Aug-17	-256				
Portion VIIIc [SR8 CH350 to CH210]									
5386	VIIIc - Initial Site Survey	6	13-Mar-17 A	25-Apr-17	-194				
Slip Road 8									
5388	VIIIc(SR8) - Mobilisation & Setup	6	26-Apr-17	04-May-17	-194				
5374	MEP(SR8) - (CH350 to CH210) E&M 1st Fix	8	05-May-17	13-May-17	-194				
5376	MEP(SR8) - (CH350 to CH210) E&M 2nd Fix (include Sump E)	16	15-May-17	02-Jun-17	-194				
East Ventilation Building (EVB)									
RC Structures and Green Roof									
10142	EVB - Curing	6	24-Apr-17	29-Apr-17	-248				
3426	EVB - Waterproofing @ Roof	30	02-May-17	07-Jun-17	-248				
G/F (GLA - D)									
G-04 Emergency Generator Room									
11542	EVB G-04 - Plinth for Emergency Generator	6	05-Apr-17 A	19-Apr-17 A					
G/F (GL A-D) Other Rooms / Corridors / Staircase									
11578	EVB G/F (GLA-C) - Plinths / R.C. curbs	12	02-May-17	16-May-17	-105				

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						Apr	May	Jun	Jul		
1/F (GL A - D)											
11534	EVB 1/F - Close formwork for beam & slab	8	16-Mar-17 A	21-Apr-17	-267						
11536	EVB 1/F - Concrete beam & slab	1	22-Apr-17	22-Apr-17	-267						
L1-02 Irrigation Water Tank & Pump Room											
11780	EVB 1/F (L1-02) - Internal walls / Cast-in items	1	22-Apr-17	22-Apr-17	-200						
11782	EVB 1/F (L1-02) - Plinths for F.S. Pump	6	24-Apr-17	29-Apr-17	-200						
11784	EVB 1/F (L1-02) - Water Tank	20	02-May-17	25-May-17	-200						
L1-05 MCC Room 1											
11786	EVB 1/F (L1-08) - Internal walls / Cast-in items	1	22-Apr-17	22-Apr-17	-210						
L1-08 LV Switch Room											
11568	EVB 1/F (L1-08) - Internal walls / Cast-in items	1	22-Apr-17	22-Apr-17	-198						
L1-09 MCC Room 2											
11788	EVB 1/F (L1-08) - Internal walls / Cast-in items	1	22-Apr-17	22-Apr-17	-198						
1/F (GL A-D) Other Rooms / Corridors / Staircase											
11580	EVB 1/F (GL A-D) - Remaining Internal walls / Cast-in items	1	22-Apr-17	22-Apr-17	-162						
11582	EVB 1/F (GL A-D) - Plinths / R.C. curbs	12	17-May-17	31-May-17	-105						
External Facade											
3438	EVB - External facing tiles / Louvre	90	08-Jun-17	21-Sep-17	-248						
MEP & ABWF Works											
3480	MEP(EVB) - Lift Installation	90	08-Jun-17	05-Sep-17	-259						
Basement 2 - APS Auxiliary Room / APS Plant Area 1 / APS Plant Area 2 / APS Plant Area 3											
3556	APS(EVB) - ABWF works	12	24-May-17	07-Jun-17	-267						
12292	APS(EVB) - E&M 1st fixing	24	08-Jun-17	06-Jul-17	-267						
Basement 2 - Sump Pump Room (B2-12)											

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						Apr	May	Jun	Jul
11590	EVB - ABWF works for Sump Pump Room	12	08-Jun-17	21-Jun-17	-255			■	
11592	MEP(EVB) - E&M 1st fixing	12	07-Jul-17	20-Jul-17	-267				■
Basement 2 - General Area & Corridor									
11598	MEP(EVB) - ABWF Works	12	22-Jun-17	06-Jul-17	-255			■	
Basement 1 Mezzanine (GLA - D)									
Electrical Duc Shaft (B1M-05)									
12954	MEP(EVB) - ABWF Works	12	24-May-17	07-Jun-17	-219		■		
Fireman's Lift Lobby (B1M-06)									
12962	MEP(EVB) - ABWF Works	12	08-Jun-17	21-Jun-17	-219			■	
Lobby (B1M-07)									
12970	MEP(EVB) - ABWF Works	12	22-Jun-17	06-Jul-17	-219			■	
Electrical Duct (B1M-08)									
12978	MEP(EVB) - ABWF Works	12	07-Jul-17	20-Jul-17	-219				■
Basement 1 (GLA - D)									
General Area & Corridor									
11606	MEP(EVB) - ABWF Works	24	24-Apr-17	23-May-17	-267	■			
11608	MEP(EVB) - E&M 1st fixing	45	24-May-17	17-Jul-17	-234	■	■	■	■
11610	MEP(EVB) - E&M 2nd fixing	30	18-Jul-17	21-Aug-17	-234				■
Basement 1 (GL D - L)									
Sump Pump Room (B1-15)									
11614	EVB - ABWF works for Sump Pump Room	12	24-May-17	07-Jun-17	-267		■		
11616	MEP(EVB) - E&M 1st fixing	12	08-Jun-17	21-Jun-17	-267			■	
12386	MEP(EVB) - E&M 2nd fixing	12	22-Jun-17	06-Jul-17	-267			■	
11618	MEP(EVB) - Sump Pump installation	12	07-Jul-17	20-Jul-17	-171				■

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						Apr	May	Jun	Jul		
Water Tank & Pump Room (B1-16)											
11630	MEP(EVB) - ABWF Works	12	08-Jun-17	21-Jun-17	-267			■			
11632	MEP(EVB) - E&M 1st fixing	12	22-Jun-17	06-Jul-17	-267				■		
12388	MEP(EVB) - E&M 2nd fixing	12	07-Jul-17	20-Jul-17	-267					■	
TVF Room 3 (B1-19)											
11622	MEP(EVB) - ABWF Works	12	22-Jun-17	06-Jul-17	-267				■		
11624	MEP(EVB) - E&M 1st fixing	12	07-Jul-17	20-Jul-17	-267					■	
General Area & Corridor											
11654	MEP(EVB) - ABWF Works	12	07-Jul-17	20-Jul-17	-267					■	
Basement 1 (GL L - 0)											
Tunnel F.S. Water Tank & Pump Room (B1-02)											
11638	MEP(EVB) - ABWF Works	12	17-Oct-16 A	24-Apr-17	-240	■					
11640	MEP(EVB) - E&M 1st fixing	12	25-Apr-17	10-May-17	-148		■				
12392	MEP(EVB) - E&M 2nd fixing	12	07-Jul-17	20-Jul-17	-195					■	
F.S. Water Tank & Pump Room (B1-03)											
11646	MEP(EVB) - ABWF Works	12	25-Apr-17	10-May-17	-240		■				
11648	MEP(EVB) - E&M 1st fixing	12	11-May-17	24-May-17	-240			■			
12394	MEP(EVB) - E&M 2nd fixing	12	25-May-17	08-Jun-17	-160				■		
11650	MEP(EVB) - Installation of FS Pump	24	09-Jun-17	07-Jul-17	-160				■		
Computer Equipment Room (B1-09)											
12752	MEP(EVB) - ABWF Works	12	11-May-17	24-May-17	-240		■				
12754	MEP(EVB) - E&M 1st fixing	12	25-May-17	08-Jun-17	-240			■			
12762	MEP(EVB) - E&M 2nd fixing	12	09-Jun-17	22-Jun-17	-199				■		
12756	MEP(EVB) - Computer Equipment Installation	12	23-Jun-17	07-Jul-17	-174					■	

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20-Apr-17	U038	AT	CW

Data Date: 20-Apr-17

CWB(CC) - Commissioning Contract

TASK filters: 3 Months_4, 3MRP, No Original Sections, No Summary, Not HL.

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2017																
						Apr			May			Jun			Jul							
12598	MEP(EVB) - DG submission to FSD	0	30-Apr-17		-333																	
12572	MEP(EVB) - Submission of WWO46 (Part I, II) to WSD	0	06-May-17		-201																	
12580	MEP(EVB) - Genset submission to EPD	0	12-Jun-17		-332																	
12580a	MEP(EVB) - Genset submission comment from AECOM	24	12-Jun-17	10-Jul-17	-265																	
12580b	MEP(EVB) - Genset re-submission and approval	24	11-Jul-17	07-Aug-17	-265																	
Administration Building (ADB)																						
RC Structures (Portion Xa / Xb)																						
Basement																						
GL (D-F)																						
13618c	ADB - B/F (GL D-F) - Demolition of strut and waling (incl. E&M cast-in items) - Claims No.33	12	07-Feb-17 A	25-Mar-17 A																		
13618d1	ADB - B/F (GL D-F) - Construct basement wall to G/F slab - Claims No.33	18	27-Mar-17 A	10-May-17	-418																	
13618d1a	ADB - B/F (GL D-F) - couplers reserved at gridline C/2-6 by CCMJV	12	03-Apr-17 A	17-Apr-17 A																		
13618d2	ADB - B/F (GL D-F) - Construct walls and columns from basement to G/F slab - Claims No.33	18	11-May-17	01-Jun-17	-418																	
13618e	ADB - B/F (GL D-F) - Backfilling (General fill) - Claims No.33	12	02-Jun-17	15-Jun-17	-418																	
B-04 Sump Pump Room																						
13228	ADB B-04 - Internal walls / Cast-in items	12	16-Jun-17	29-Jun-17	-402																	
13230	ADB B-04 - Plinths for F.S. Pump	6	30-Jun-17	07-Jul-17	-402																	
Basement (GL D-F) Other Rooms / Corridors / Staircase																						
13234	ADB B/F (GL D-F) - Remaining Internal walls / Cast-in items	24	30-Jun-17	28-Jul-17	-252																	
GL (P-R)																						
13620f	ADB - B/F (GL P-R) - Construct basement wall to bottom of 1st layer of waling - Claim No.33	12	16-Jan-17 A	18-Apr-17 A																		
13620b	ADB - B/F (GL P-R) - Demolition of 1st layer strut and waling - Claim No.33	7	19-Apr-17 A	26-Apr-17	-396																	
13620c	ADB - B/F (GL P-R) - Construct water tanks (2 nos.) - Claim No.33	18	27-Apr-17	19-May-17	-396																	
13620g	ADB - B/F (GL P-R) - Construct basement wall to bottom of 2nd layer of waling - Claim No.33	12	20-May-17	03-Jun-17	-393																	

- ◆ Current Milestone
- ▬ Level of Effort
- ▲ Baseline Milestone
- ▬ Actual Work
- ▬ Critical Remaining Work
- ▬ Remaining Work
- ▬ Project Baseline

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 Baseline: DWP2d
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20-Apr-17	U038	AT	CW

Data Date: 20-Apr-17

CWB(CC) - Commissioning Contract

TASK filters: 3 Months_4, 3MRP, No Original Sections, No Summary, Not HL.

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2017			
						Apr	May	Jun	Jul
13620h	ADB - B/F (GL P-R) - Demolition of 2nd layer strut and wailing - Claim No.33	7	05-Jun-17	12-Jun-17	-393				
13620d	ADB - B/F (GL P-R) - Construct basement wall to G/F slab- Claim No.33	12	13-Jun-17	26-Jun-17	-393				
13620e	ADB - B/F (GL P-R) - Backfilling - Claim No.33	6	27-Jun-17	04-Jul-17	-393				
B-13 F.S. Water Tank, Sprinkler Tank & Pump Room									
13240	ADB B-13 - Plinths for F.S. Pump	6	05-Jul-17	11-Jul-17	-393				
Basement (GL P-R) Other Rooms / Corridors / Staircase									
13246	ADB B/F (GL P-R) - Plinths / R.C. curbs	12	05-Jul-17	18-Jul-17	-243				
G/F									
GL (C - G)									
13592	ADB - G/F (GL C-G) - Formwork for column / walls	8	16-Jun-17	24-Jun-17	-418				
13594	ADB - G/F (GL C-G) - Rebar fixing for column / walls	10	26-Jun-17	07-Jul-17	-418				
13596	ADB - G/F (GL C-G) - Concrete for column / walls	1	08-Jul-17	08-Jul-17	-418				
13598	ADB - G/F (GL C-G) - Scaffolding for beam & slab	10	10-Jul-17	20-Jul-17	-418				
GL (H - K)									
13160a	ADB - G/F (GL H-K) - Scaffolding for beam & slab	6	20-Apr-17 A	25-Apr-17	-287				
13162a	ADB - G/F (GL H-K) - Decking / Formwork for beam & slab	10	27-Apr-17	10-May-17	-287				
13164a	ADB - G/F (GL H-K) - Rebar for beam & slab	10	05-May-17	16-May-17	-287				
13166a	ADB - G/F (GL H-K) - Close formwork for beam & slab	10	11-May-17	22-May-17	-287				
13168a	ADB - G/F (GL H-K) - Concrete beam & slab (R roof slab)	1	23-May-17	23-May-17	-287				
G-13 Uninterrupted Power Supply (UPS) Room									
13534	ADB G-13 - Internal walls / Cast-in items	1	23-May-17	23-May-17	-249				
G-14 Transformer Room									
13530	ADB G-14 - Internal walls / Cast-in items	1	23-May-17	23-May-17	-287				
G-15 LV Switch Room									

- ◆ Current Milestone
- ▬ Level of Effort
- ▲ Baseline Milestone
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- ▬ Critical Remaining Work
- ▬ Remaining Work
- ▬ Project Baseline

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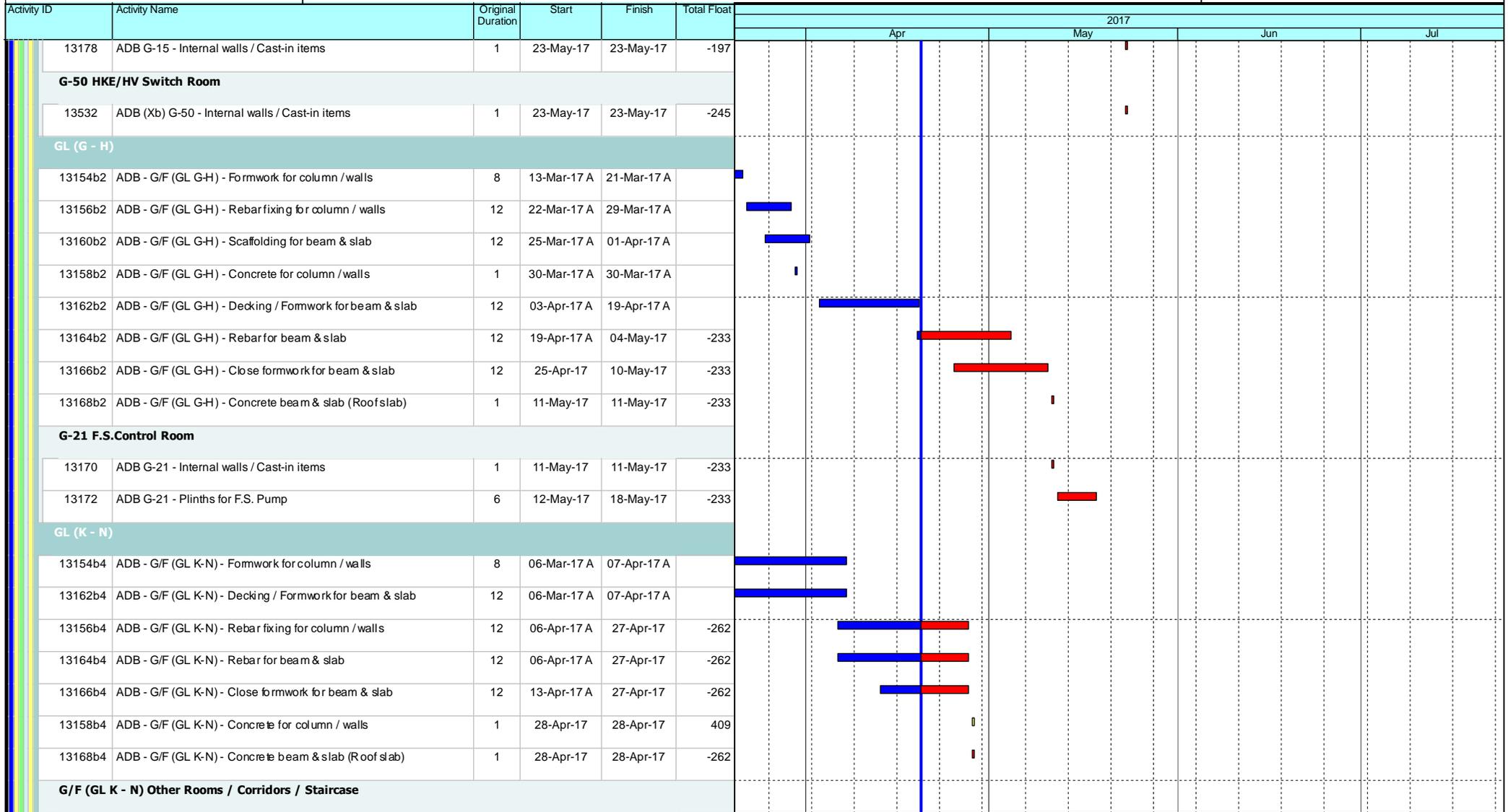
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20-Apr-17	U038	AT	CW

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CWB(CC) - Commissioning Contract

TASK filters: 3 Months_4, 3MRP, No Original Sections, No Summary, Not HL.



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Data Date: 20-Apr-17

CWB(CC) - Commissioning Contract

TASK filters: 3 Months_4, 3MRP, No Original Sections, No Summary, Not HL.

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2017																	
						Apr			May			Jun			Jul								
13174	ADB G/F (GL F-N) - Remaining Internal walls / Cast-in items	1	28-Apr-17	28-Apr-17	-262																		
13176	ADB G/F (GL F-N) - Plinths / R.C. curbs	12	29-Apr-17	15-May-17	-262																		
GL (P - R)																							
13180	ADB - G/F (GL P-R) - G/F slab construction	24	05-Jul-17	01-Aug-17	-273																		
1/F																							
GL (A - C)																							
L1-08 Water Pump Room																							
13580	ADB - L1-09 - Plinths for F.S. Pump	6	28-Feb-17 A	21-Apr-17	-256																		
13582	ADB - L1-09 - Water Tank	20	22-Apr-17	17-May-17	-256																		
L1-09 F.S. Water Tank & Pump Room																							
13224	ADB - L1-09 - Plinths for F.S. Pump	6	28-Feb-17 A	21-Apr-17	-156																		
13226	ADB - L1-09 - Water Tank	20	22-Apr-17	17-May-17	-156																		
1/F (GL A - D) Other Rooms / Corridors / Staircase																							
13218	ADB - 1/F (GL A-C) - Remaining Internal walls / Cast-in items	1	20-Apr-17	20-Apr-17	-253																		
13220	ADB - 1/F (GL A-C) - Plinths / R.C. curbs	30	21-Apr-17	27-May-17	-253																		
MEP & ABWF Works																							
Basement (GL D - F)																							
Sump Pump Room (B-04)																							
13270	MEP(ADB) - ABWF Works	12	08-Jul-17	21-Jul-17	-402																		
Basement (GL P - R)																							
General Area & Corridor																							
13280	MEP(ADB) - ABWF Works	12	19-Jul-17	01-Aug-17	-243																		
G/F (GL A - D)																							
General Area & Corridor																							

- Current Milestone
- Level of Effort
- Baseline Milestone
- Actual Work
- Critical Remaining Work
- Remaining Work
- Project Baseline

Leighton Contractors (Asia) Limited Programme Update 38 (April 2017) THREE MONTH ROLLING

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CWB(CC) - Commissioning Contract

TASK filters: 3 Months_4, 3MRP, No Original Sections, No Summary, Not HL.

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2017			
						Apr	May	Jun	Jul
13308	MEP(ADB) - ABWF Works	12	16-May-17	29-May-17	-262				
G/F (GL D - N)									
F.S. Control Room (G-21)									
13346	MEP(ADB) - ABWF Works	12	16-Jun-17	29-Jun-17	-256				
13348	MEP(ADB) - E&M 1st fixing	8	07-Jul-17	15-Jul-17	-261				
Transformer Room 1 (G-14)									
13370	MEP(ADB) - ABWF Works	12	24-May-17	07-Jun-17	-287				
Un-interrupted Power Supply (UPS) Room (G-13)									
13394	MEP(ADB) - ABWF Works	12	08-Jun-17	21-Jun-17	-261				
13396	MEP(ADB) - E&M 1st fixing	12	22-Jun-17	06-Jul-17	-261				
13404	MEP(ADB) - E&M 2nd fixing	12	07-Jul-17	20-Jul-17	-221				
LV Switch Room (G-15)									
13384	ADB - ABWF works for LV Switch Rooms	12	22-Jun-17	06-Jul-17	-221				
13388	MEP(ADB) - E&M 1st fixing	12	07-Jul-17	20-Jul-17	-221				
1/F (GL A - D)									
Water Pump Room (L1-08)									
13422	MEP(ADB) - ABWF Works	12	18-May-17	01-Jun-17	-256				
13424	MEP(ADB) - E&M 1st fixing	12	02-Jun-17	15-Jun-17	-216				
13430	MEP(ADB) - E&M 2nd fixing	12	16-Jun-17	29-Jun-17	-216				
13426	MEP(ADB) - Installation of FS Pump	24	30-Jun-17	28-Jul-17	-216				
General Area & Corridor									
13414	MEP(ADB) - ABWF Works	12	02-Jun-17	15-Jun-17	-256				
13416	MEP(ADB) - E&M 1st fixing	24	16-Jun-17	14-Jul-17	-216				
E&M Testing & Commissioning / Statutory Inspection									

-  Current Milestone
-  Remaining Work
-  Level of Effort
-  Project Baseline
-  Baseline Milestone
-  Actual Work
-  Critical Remaining Work

Leighton Contractors (Asia) Limited Programme Update 38 (April 2017) THREE MONTH ROLLING

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20-Apr-17	U038	AT	CW

Data Date: 20-Apr-17

CWB(CC) - Commissioning Contract

TASK filters: 3 Months_4, 3MRP, No Original Sections, No Summary, Not HL.

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2017			
						Apr	May	Jun	Jul
3824	SCP4 - Metal works / Glazing / Louver / Handrails	18	04-Jul-17	24-Jul-17	-65				
3792	MEP(SCP4) - E&M Final Fix	18	11-Jul-17	31-Jul-17	-71				
SCP5									
3828	SCP5 - Mobilization for Area B	0	29-Apr-17		-241				
3848	SCP5 - Initial Site Survey	6	29-Apr-17	08-May-17	-241				
3852	SCP5 - Erect Hoarding	6	09-May-17	15-May-17	-241				
3868	SCP5 - Mobilisation and setup	12	16-May-17	29-May-17	-241				
3870a	SCP5 - Construct walls upto R/F - Falseworks & Formwork	5	31-May-17	05-Jun-17	-241				
3870b	SCP5 - Construct walls upto R/F - Rebar fixing	3	06-Jun-17	08-Jun-17	-241				
3870c	SCP5 - Construct walls upto R/F - Close formwork	5	09-Jun-17	14-Jun-17	-241				
3870d	SCP5 - Construct beams & slab upto R/F - Scaffolding, falsework & formwork	7	15-Jun-17	22-Jun-17	-241				
3870e	SCP5 - Construct beams & slab upto R/F - Rebar fixing	3	23-Jun-17	26-Jun-17	-241				
3870f	SCP5 - Construct beams & slab upto R/F - Concreting	1	27-Jun-17	27-Jun-17	-241				
3872	SCP5 - ABWF Works	24	28-Jun-17	26-Jul-17	-235				
3886	SCP5 - External Works	30	28-Jun-17	02-Aug-17	-241				
External Works									
Area A/B									
10288a3	Request for VO/instruction-TCSS equipment installation & cabling (Gantries FVMS1 / ADS01) (Ref: H27613-LJV-ME-LE-4022)	24	04-Oct-16 A	26-May-17	-162				
10288f	C19 allow access at Area B	0	29-Apr-17*		-321				
10288a1	Area A TCSS equipment installation and cabling (Gantry FVMS 1) - After C18 gantry installation complete	40	27-May-17	14-Jul-17	-162				
10288a2	Area A TCSS equipment installation and cabling (Gantry ADS01) - Start date is tentative and to be confirmed	40	27-May-17	14-Jul-17	-162				
Area B TCSS									
Landscape Deck / Noise Enclosure (No TTA)									
10288b1	Area B TCSS equipment installation and cabling (on IEC's Westbound)	120	29-Apr-17	20-Sep-17	-168				

- Current Milestone
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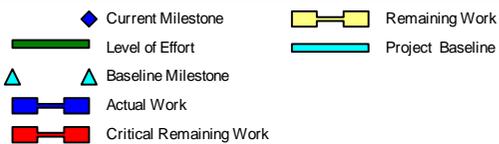
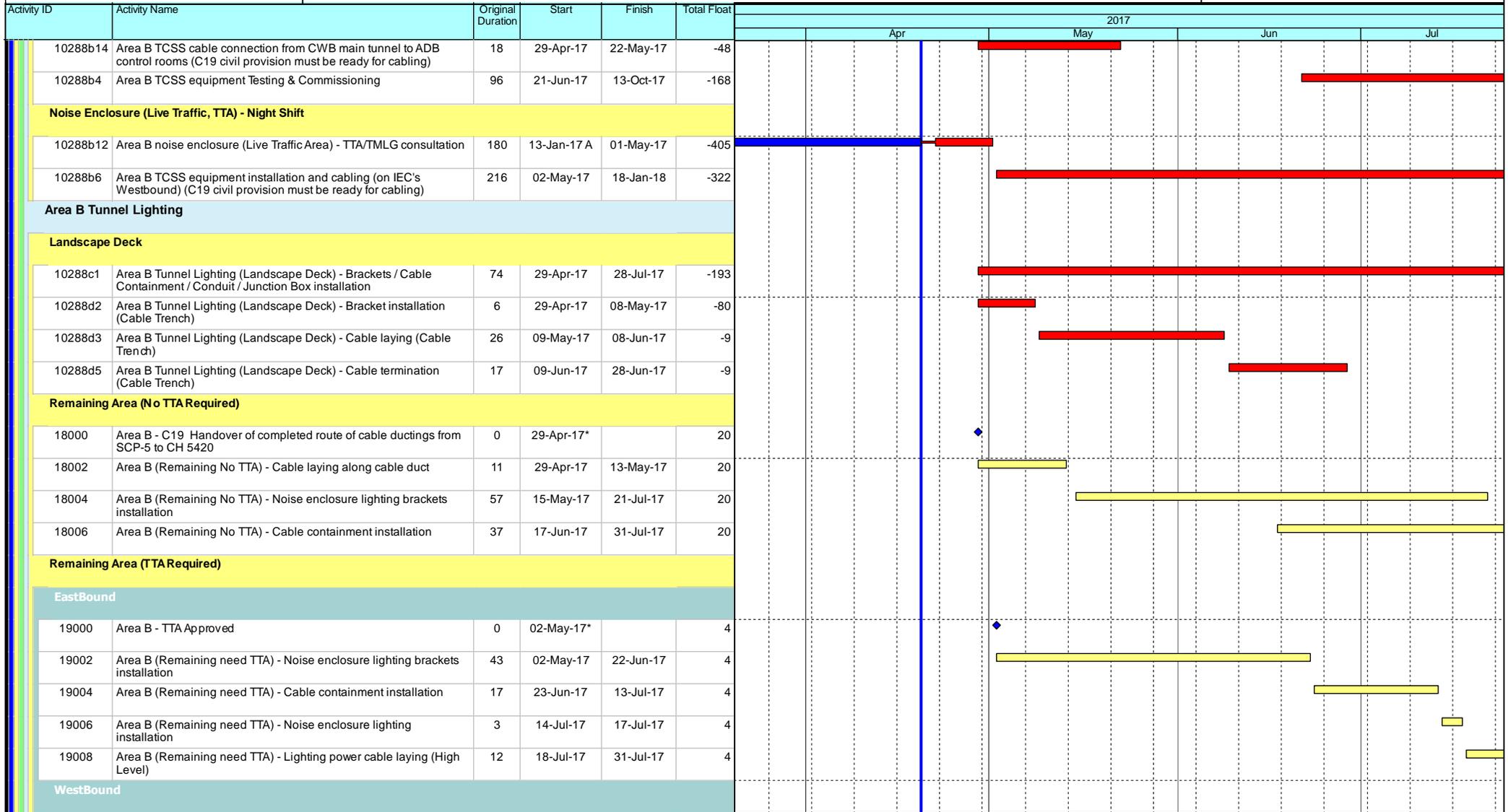
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CWB(CC) - Commissioning Contract

TASK filters: 3 Months_4, 3MRP, No Original Sections, No Summary, Not HL.



Leighton Contractors (Asia) Limited Programme Update 38 (April 2017) THREE MONTH ROLLING

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Data Date: 20-Apr-17

CWB(CC) - Commissioning Contract

TASK filters: 3 Months_4, 3MRP, No Original Sections, No Summary, Not HL.

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2017																
						Apr			May			Jun			Jul							
19014	Area B - TTA Approved	0	02-May-17*		-18																	
19016	Area B (Remaining need TTA) - Noise enclosure lighting brackets installation	53	02-May-17	05-Jul-17	-18																	
19018	Area B (Remaining need TTA) - Cable containment installation	29	06-Jul-17	08-Aug-17	-18																	

-  Current Milestone
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Leighton Contractors (Asia) Limited Programme Update 38 (April 2017) THREE MONTH ROLLING

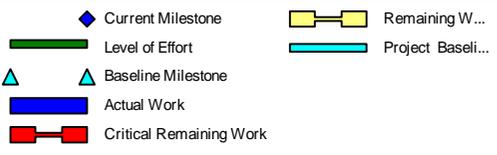
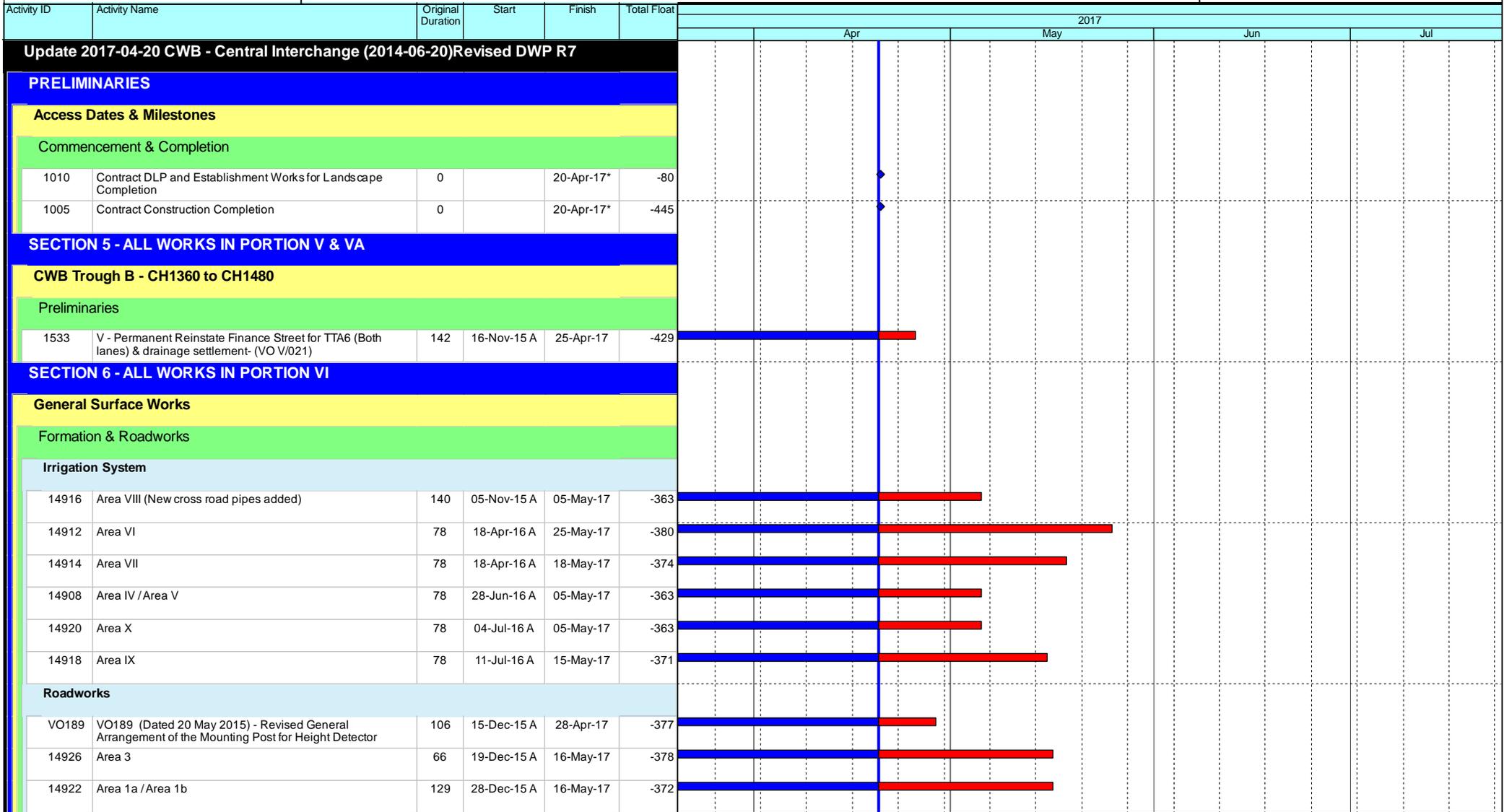
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HY/2009/18 Central - Wan Chai Bypass (Central Interchange)

TASK filters: 3 Months_1, Not HL.



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Project ID: U079
Baseline: DCP7-2c
Layout: Update Three Month Rolling
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Date	Revision	Checked	Appro...
20-Mar-17	U078	AT	PT
20-Apr-17	U079	AT	PT

Data Date: 20-Apr-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	2017			
						Apr	May	Jun	Jul
14928	Area 4	18	15-Apr-16 A	23-May-17	-378				
VO150	VO150 (Dated 03 Jul 2015) - Replacement of Damaged Lattice	18	29-Apr-17*	22-May-17	-377				
Finishes & Landscaping									
14948	Area 4	12	09-Nov-16 A	23-May-17	-378				
SECTION 7, 7A, 7B & 7C - LANDSCAPE ESTABLISHMENT									
4000	EST - Portion IIIA Landscape Establishment	365	21-Apr-16 A	20-Apr-17	-439				
4040	EST - Portion VI Landscape Establishment	365	24-May-17	23-May-18	-479				
SECTION 8 - PRESERVATION & PROTECTION OF TREES									
4100	Tree - Preservation & Protection of Existing Trees	1759	14-Dec-10 A	23-May-17	-479				
Key Dates for Completion of Sections									
Anticipated Completion									
1094	KD12 - Anticipated Completion	0		20-Apr-17*	-533				
1124	KD11 - Anticipated Completion	0		20-Apr-17*	-439				
1139	KD16 - Anticipated Completion	0		23-May-17*	-479				
1114	KD10 - Anticipated Completion	0		25-May-17*	-481				
Portion Handover Dates									
Anticipated Handover									
2960a	Portion IIIA Handover - Remaining (KD3 + 28 days) - (EOT 26.5 days added)	0		20-Apr-17*	-748				

- Current Milestone
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Activity ID	Activity Name	Rem Dur	Start	Finish	2017																			
					January					February					March					April				
					5	12	19	26	31	5	12	19	26	31	5	12	19	26	31	5	12	19	26	31
Bridge C1																								
Outstanding Works Between Bridge C1 & E																								
A4530	Pier 17 to 18 - Steel Mould Erection	2	20-Jan-17	21-Jan-17	■ Pier 17 to 18 - Steel Mould Erection																			
A4550	Pier 17 to 18 - Concreting	1	23-Jan-17	23-Jan-17	■ Pier 17 to 18 - Concreting																			
A4570	Pier 16 to 17 - Forwork Erection	2	20-Jan-17	21-Jan-17	■ Pier 16 to 17 - Forwork Erection																			
A4590	Pier 16 to 17 - Rebar Bending	2	20-Jan-17	21-Jan-17	■ Pier 16 to 17 - Rebar Bending																			
A4610	Pier 16 to 17 - Rebar Fixing	2	23-Jan-17	24-Jan-17	■ Pier 16 to 17 - Rebar Fixing																			
A4630	Pier 16 to 17 - Steel Mould Erection	2	25-Jan-17	26-Jan-17	■ Pier 16 to 17 - Steel Mould Erection																			
A4650	Pier 16 to 17 - Concreting	1	27-Jan-17	27-Jan-17	■ Pier 16 to 17 - Concreting																			
A4670	Pier 15 to 16 - Forwork Erection	2	24-Jan-17	25-Jan-17	■ Pier 15 to 16 - Forwork Erection																			
A4690	Pier 15 to 16 - Rebar Bending	2	24-Jan-17	25-Jan-17	■ Pier 15 to 16 - Rebar Bending																			
A4710	Pier 15 to 16 - Rebar Fixing	2	26-Jan-17	27-Jan-17	■ Pier 15 to 16 - Rebar Fixing																			
A4730	Pier 15 to 16 - Steel Mould Erection	2	31-Jan-17	01-Feb-17	■ Pier 15 to 16 - Steel Mould Erection																			
A4750	Pier 15 to 16 - Concreting	1	02-Feb-17	02-Feb-17	■ Pier 15 to 16 - Concreting																			
A4770	Temp Lighting (2 Nos)	2	07-Feb-17	08-Feb-17	■ Temp Lighting (2 Nos)																			
A4790	Noise Barrier Const. Pier E1 to D1	12	20-Jan-17	04-Feb-17	■ Noise Barrier Const. Pier E1 to D1																			
A4810	Noise Barrier Const. Pier 18 to 19	13	06-Feb-17	20-Feb-17	■ Noise Barrier Const. Pier 18 to 19																			
A4830	Noise Barrier Const. Pier 17 to 18	12	21-Feb-17	06-Mar-17	■ Noise Barrier Const. Pier 17 to 18																			
A4850	Paving & Road Marking	2	07-Mar-17	08-Mar-17	■ Paving & Road Marking																			
10.3 - Middle Bridge (Bridge F)																								
10.3.1 - Pier Construction																								
Pier F1B2 to F4B																								
1031-1440	Existing P39/F4B Prepare C.J.	7	04-Apr-17	12-Apr-17	■ Existing P39/F4B Prepare C.J.																			
1031-1460	Existing P39/F4B Construct Pier/Column	14	13-Apr-17	02-May-17	■ Existing P39/F4B Construct Pier/Column																			
Pier F5B to F8B																								
1031-1520	Existing P40/F5B Prepare C.J.	6	21-Mar-17	27-Mar-17	■ Existing P40/F5B Prepare C.J.																			
1031-1540	Existing P40/F5B Construct Pier/Column	14	28-Mar-17	13-Apr-17	■ Existing P40/F5B Construct Pier/Column																			
1031-1600	Existing P41/F6B Prepare C.J.	6	07-Mar-17	13-Mar-17	■ Existing P41/F6B Prepare C.J.																			
1031-1620	Existing P41/F6B Construct Pier/Column	14	14-Mar-17	29-Mar-17	■ Existing P41/F6B Construct Pier/Column																			
1031-1640	Existing P41/F6B Construct Crosshead	18	30-Mar-17	22-Apr-17	■ Existing P41/F6B Construct Crosshead																			
1031-1680	Existing P42/F7B Prepare C.J.	6	21-Feb-17	27-Feb-17	■ Existing P42/F7B Prepare C.J.																			
1031-1700	Existing P42/F7B Construct Pier/Column	14	28-Feb-17	15-Mar-17	■ Existing P42/F7B Construct Pier/Column																			
1031-1720	Existing P42/F7B Construct Crosshead	18	16-Mar-17	06-Apr-17	■ Existing P42/F7B Construct Crosshead																			

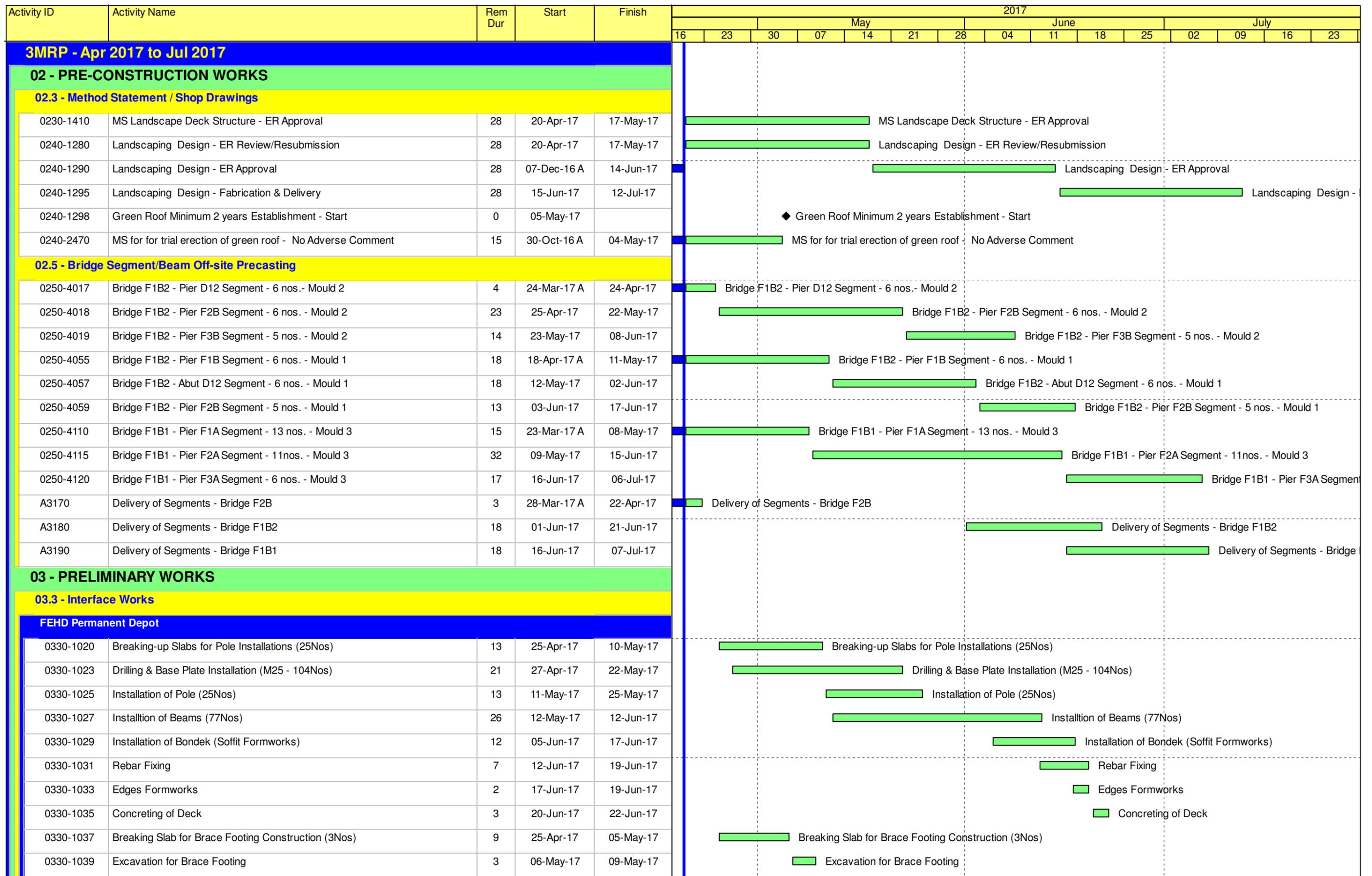
■ Remaining Level of Effort ■ Remaining Work
■ Actual Level of Effort ■ Critical Remaining Work
■ Actual Work ◆ Milestone

Contract HY/2009/19
Three Months Rolling Programme (20 Jan 2017 to 19 Apr 2017)

Activity ID	Activity Name	Rem Dur	Start	Finish	2017																
					January					February				March				April			
					5	12	19	26	31	5	12	19	26	5	12	19	26	3	10	17	
A3240	Demolish Four(4nos) Beams at Pier 42-41 - by LG-BM	2	08-Feb-17	09-Feb-17						■											Demolish Four(4nos) Beams at Pier 42-41 - by LG-BM
A3250	Demolish Pier + Steel Support at Pier 42	9	10-Feb-17	20-Feb-17						■											Demolish Pier + Steel Support at Pier 42
A3260	Launch LG-BM to next Bridge Span	1	21-Feb-17	21-Feb-17																	Launch LG-BM to next Bridge Span
A3270	Demolish Four(4nos) Beams at Pier 41-40 - by LG-BM	2	22-Feb-17	23-Feb-17						■											Demolish Four(4nos) Beams at Pier 41-40 - by LG-BM
A3280	Demolish Pier + Steel Support at Pier 41	9	24-Feb-17	06-Mar-17						■											Demolish Pier + Steel Support at Pier 41
A3290	Launch LG-BM to next Bridge Span	1	07-Mar-17	07-Mar-17																	Launch LG-BM to next Bridge Span
A3300	Demolish Four(4nos) Beams at Pier 40-39 - by LG-BM	2	08-Mar-17	09-Mar-17																	Demolish Four(4nos) Beams at Pier 40-39 - by LG-BM
A3310	Demolish Pier + Steel Support at Pier 40	9	10-Mar-17	20-Mar-17																	Demolish Pier + Steel Support at Pier 40
A3320	Launch LG-BM to next Bridge Span	1	21-Mar-17	21-Mar-17																	Launch LG-BM to next Bridge Span
A3330	Demolish Four(4nos) Beams at Pier 39-38 - by LG-BM	2	22-Mar-17	23-Mar-17																	Demolish Four(4nos) Beams at Pier 39-38 - by LG-BM
A3340	Demolish Pier + Steel Support at Pier 39	9	24-Mar-17	03-Apr-17																	Demolish Pier + Steel Support at Pier 39
A3350	Launch LG-BM to next Bridge Span	1	04-Apr-17	04-Apr-17																	Launch LG-BM to next Bridge Span
A3360	Demolish Four(4nos) Beams at Pier 38-37 - by LG-BM	2	06-Apr-17	07-Apr-17																	Demolish Four(4nos) Beams at Pier 38-37 - by LG-BM
A3370	Demolish Pier + Steel Support at Pier 38	9	08-Apr-17	20-Apr-17																	Demolish Pier + Steel Support at Pier 38
10.5 - Temporary Bridge																					
10.5.2 - Temporary Bridge 'TB'																					
1052-1260	TB > Demolition of Temporary Bridge "TB"	27	25-Mar-17	28-Apr-17																	Demolition of Temporary Bridge "TB"
A4140	TTA Implementation prior to Demolition	14	09-Mar-17	24-Mar-17																	TTA Implementation prior to Demolition
10.6 - Tunnel Approach Ramp																					
10.6.1 - Approach Ramp (Excluding Portion IIB)																					
Piling Works																					
1061-3490	Moving Temp Car Park to Permanent Car Park Completed	0		18-Apr-17																	Moving Temp Car Park to Permanent Car Park Completed
1061-3495	Modify Contractor's Temp Site Office	28	13-Mar-17	18-Apr-17																	Modify Contractor's Temp Site Office
1061-3500	Pre Bored H-Pile > Pile Ramp - BM03 A	4	18-Apr-17	21-Apr-17																	Pre Bored H-Pile > Pile Ramp - BM03 A
Excavation & ELS Works																					
1061-4901.1	Sheet Piling Works (WF2>B1:46m@1.5m/d) (including Re-boring for remedial works)	27	10-Oct-16 A	22-Feb-17																	Sheet Piling Works (WF2>B1:46m@1.5m/d) (including Re-boring for remedial works)
1061-4901.2	Sheet Piling Works (WF1>B3:19m@1.5m/d) (including Re-boring for remedial works)	41	12-Jul-16 A	10-Mar-17																	Sheet Piling Works (WF1>B3:19m@1.5m/d) (including Re-boring for remedial works)
1061-4910	Advance Sheet Piling Works + Pre-drilling in Phase 2 - Cul de sac Area (30m)	14	11-Mar-17	27-Mar-17																	Advance Sheet Piling Works + Pre-drilling in Phase 2 - Cul de sac Area (30m)
1061-4915	Tam Grouting	43	14-Sep-16 A	13-Mar-17																	Tam Grouting
1061-5040	Recharge Well Installation (8Nos)	0	22-Dec-16 A	10-Jan-17 A																	Recharge Well Installation (8Nos)
1061-5060	Dewatering Well Installation (14Nos)	18	11-Jan-17 A	11-Feb-17																	Dewatering Well Installation (14Nos)
1061-5080	Observation Well Installation (10Nos)	15	13-Feb-17	01-Mar-17																	Observation Well Installation (10Nos)

Remaining Level of Effort	Remaining Work
Actual Level of Effort	Critical Remaining Work
Actual Work	Milestone

Contract HY/2009/19
Three Months Rolling Programme (20 Jan 2017 to 19 Apr 2017)



█ Remaining Level of Effort █ Remaining Work
█ Actual Level of Effort █ Critical Remaining Work
█ Actual Work ◆ Milestone

Contract HY/2009/19
Three Months Rolling Programme (20 April 2017 to 19 July 2017)

Activity ID	Activity Name	Rem Dur	Start	Finish	2017													
					May						June				July			
					16	23	30	07	14	21	28	04	11	18	25	02	09	16
A3770	E & M	5	07-Apr-17 A	25-Apr-17	E & M													
A3780.3	Statutory Inspection by DB & HGHK	0		25-Apr-17	◆ Statutory Inspection by DB & HGHK													
A3780.5	Move Carpark to Permanent	1	26-Apr-17	26-Apr-17	█ Move Carpark to Permanent													
Construction																		
Stage 2 Construction (Below IEC E/B)																		
A3970	Planting	6	19-Apr-17 A	26-Apr-17	█ Planting													
10 - SECTION X OF THE WORKS																		
10.1 - E/B Bridges (Bridge D, E and F)																		
10.1.4 - Bridge E / Hing Fat Slip Road																		
Bridge Construction																		
1014-2280	Bridge E - Construct Permanent parapet at "TB" Tie-in	18	25-Apr-17	16-May-17	█ Bridge E - Construct Permanent parapet at "TB" Tie-in													
10.3 - Middle Bridge (Bridge F)																		
10.3.1 - Pier Construction																		
Abutment D12																		
1031-1930	Construct Abutment D12 (Mid Section)	30	10-Apr-17 A	26-Jun-17	█ Construct Abutment D12 (Mid Section)													
Pier F1B2 to F4B																		
1031-1040	Existing P36/F1B2 and Prepare C.J.	7	02-May-17	09-May-17	█ Existing P36/F1B2 and Prepare C.J.													
1031-1060	Existing P36/F1B2 Construct Pier/Column	14	10-May-17	25-May-17	█ Existing P36/F1B2 Construct Pier/Column													
1031-1080	Existing P36/F1B2 Construct Crosshead	18	26-May-17	16-Jun-17	█ Existing P36/F1B2 Construct Crosshead													
1031-1100	Bearing Installation P36/F1B2	4	17-Jun-17	21-Jun-17	█ Bearing Installation P36/F1B2													
1031-1280	Existing P37/F2B2 Prepare C.J.	7	26-Apr-17	04-May-17	█ Existing P37/F2B2 Prepare C.J.													
1031-1300	Existing P37/F2B2 Construct Pier/Column	14	05-May-17	20-May-17	█ Existing P37/F2B2 Construct Pier/Column													
1031-1320	Existing P37/F2B2 Construct Crosshead	18	22-May-17	12-Jun-17	█ Existing P37/F2B2 Construct Crosshead													
1031-1340	Bearing Installation P37/F2B2	4	13-Jun-17	16-Jun-17	█ Bearing Installation P37/F2B2													
1031-1360	Existing P38/F3B2 Prepare C.J.	5	18-Apr-17 A	25-Apr-17	█ Existing P38/F3B2 Prepare C.J.													
1031-1380	Existing P38/F3B2 Construct Pier/Column	14	26-Apr-17	12-May-17	█ Existing P38/F3B2 Construct Pier/Column													
1031-1400	Existing P38/F3B2 Construct Crosshead	18	13-May-17	03-Jun-17	█ Existing P38/F3B2 Construct Crosshead													
1031-1420	Bearing Installation P38/F3B2	4	05-Jun-17	08-Jun-17	█ Bearing Installation P38/F3B2													
1031-1460	Existing P39/F4B Construct Pier/Column	14	14-Apr-17 A	06-May-17	█ Existing P39/F4B Construct Pier/Column													
1031-1480	Existing P39/F4B Construct Crosshead	18	08-May-17	27-May-17	█ Existing P39/F4B Construct Crosshead													
1031-1500	Bearing Installation P39/F4B	4	29-May-17	02-Jun-17	█ Bearing Installation P39/F4B													
Pier F5B to F8B																		
1031-1540	Existing P40/F5B Construct Pier/Column	3	29-Mar-17 A	22-Apr-17	█ Existing P40/F5B Construct Pier/Column													
1031-1560	Existing P40/F5B Construct Crosshead	18	24-Apr-17	15-May-17	█ Existing P40/F5B Construct Crosshead													
1031-1580	Bearing Installation P40/F5B	4	16-May-17	19-May-17	█ Bearing Installation P40/F5B													

█ Remaining Level of Effort █ Remaining Work
█ Actual Level of Effort █ Critical Remaining Work
█ Actual Work ◆ ◆ Milestone

Contract HY/2009/19
Three Months Rolling Programme (20 April 2017 to 19 July 2017)

Activity ID	Activity Name	Rem Dur	Start	Finish	2017															
					May						June				July					
					16	23	30	07	14	21	28	04	11	18	25	02	09	16	23	
1031-1640	Existing P41/F6B Construct Crosshead	13	10-Apr-17 A	05-May-17	Existing P41/F6B Construct Crosshead															
1031-1660	Bearing Installation P41/F6B	4	06-May-17	10-May-17	Bearing Installation P41/F6B															
1031-1720	Existing P42/F7B Construct Crosshead	8	24-Mar-17 A	28-Apr-17	Existing P42/F7B Construct Crosshead															
1031-1740	Bearing Installation P42/F7B	4	29-Apr-17	04-May-17	Bearing Installation P42/F7B															
1031-1800	Existing P43/F8B Construct Crosshead	3	17-Mar-17 A	22-Apr-17	Existing P43/F8B Construct Crosshead															
1031-1820	Upstand Wall + Bearing Installation P43/F8B	11	24-Apr-17	06-May-17	Upstand Wall + Bearing Installation P43/F8B															
10.3.2 - Bridge Construction																				
Bridge F3B																				
1032-1840	LG-A Launching - Engage FL at F7B/Pier42	2	08-May-17	09-May-17	LG-A Launching - Engage FL at F7B/Pier42															
1032-1860	P42/F7B - Install Pier Segment - Place Pier Segment	1	10-May-17	10-May-17	P42/F7B - Install Pier Segment - Place Pier Segment															
1032-1880	P42/F7B - Install Pier Segment - Adjust Segment Level and Location	2	11-May-17	12-May-17	P42/F7B - Install Pier Segment - Adjust Segment Level and Location															
1032-1900	P42/F7B - Install Pier Segment - Grouting the Bearing Upper Plinth	2	13-May-17	15-May-17	P42/F7B - Install Pier Segment - Grouting the Bearing Upper Plinth															
1032-1920	P42/F7B - Install Pier Segment - Stressing Nailing	2	16-May-17	17-May-17	P42/F7B - Install Pier Segment - Stressing Nailing															
1032-1940	LG-A Launching - Install MS at P42/F7B	1	18-May-17	18-May-17	LG-A Launching - Install MS at P42/F7B															
1032-1960	LG-A Launching - Deactivate the MS at F9B/Pier44 and Engage FL at P41/F6B	2	19-May-17	20-May-17	LG-A Launching - Deactivate the MS at F9B/Pier44 and Engage FL at P41/F6B															
1032-1980	P41/F6B - Install Pier Segment - Place Pier Segment	1	22-May-17	22-May-17	P41/F6B - Install Pier Segment - Place Pier Segment															
1032-2000	P41/F6B - Install Pier Segment - Adjust Segment Level and Location	2	23-May-17	24-May-17	P41/F6B - Install Pier Segment - Adjust Segment Level and Location															
1032-2020	P41/F6B - Install Pier Segment - Grouting the Bearing Upper Plinth	2	25-May-17	26-May-17	P41/F6B - Install Pier Segment - Grouting the Bearing Upper Plinth															
1032-2040	P41/F6B - Install Pier Segment - Stressing Nailing	2	27-May-17	29-May-17	P41/F6B - Install Pier Segment - Stressing Nailing															
1032-2060	P41/F6B - Install Pier Segment - Install MS at F6B/Pier41	1	31-May-17	31-May-17	P41/F6B - Install Pier Segment - Install MS at F6B/Pier41															
1032-2080	P42/F7B - T Span Erection (5 pairs)	4	01-Jun-17	05-Jun-17	P42/F7B - T Span Erection (5 pairs)															
1032-2100	P43/F8B(MJ Left) - End Span Erection - Hanging Segments	3	06-Jun-17	08-Jun-17	P43/F8B(MJ Left) - End Span Erection - Hanging Segments															
1032-2120	P43/F8B(MJ Left) - End Span Erection - Erect Segments	1	09-Jun-17	09-Jun-17	P43/F8B(MJ Left) - End Span Erection - Erect Segments															
1032-2140	P43/F8B(MJ Left) - End Span Erection - Stitching	2	10-Jun-17	12-Jun-17	P43/F8B(MJ Left) - End Span Erection - Stitching															
1032-2160	P43/F8B(MJ Left) - End Span Erection - Formwork Fixing for and Grouting for Bearing	2	10-Jun-17	12-Jun-17	P43/F8B(MJ Left) - End Span Erection - Formwork Fixing for and Grouting for Bearing															
1032-2180	P43/F8B(MJ Left) - End Span Erection - Prestress Span Tendons	2	13-Jun-17	14-Jun-17	P43/F8B(MJ Left) - End Span Erection - Prestress Span Tendons															
1032-2200	P43/F8B(MJ Left) - End Span Erection - Remove Hanger Bar & Hanger Beam & Stitching Formwork	1	15-Jun-17	15-Jun-17	P43/F8B(MJ Left) - End Span Erection - Remove Hanger Bar & Hanger Beam & Stitching Formwork															
1032-2220	LG-A Launching - Deactivate the MS at F8B/Pier43 and Engage FL at P40/F5B	2	16-Jun-17	17-Jun-17	LG-A Launching - Deactivate the MS at F8B/Pier43 and Engage FL at P40/F5B															
1032-2240	P41/F6B - T Span Erection (6 pairs)	4	19-Jun-17	22-Jun-17	P41/F6B - T Span Erection (6 pairs)															
1032-2260	P40/F5B - Install Pier Segment - Place Pier Segment (2nos.)	2	19-Jun-17	20-Jun-17	P40/F5B - Install Pier Segment - Place Pier Segment (2nos.)															
1032-2280	P40/F5B - Install Pier Segment - Adjust Segment Level and Location	3	21-Jun-17	23-Jun-17	P40/F5B - Install Pier Segment - Adjust Segment Level and Location															
1032-2300	P40/F5B - Install Pier Segment - Install the Tie & Packing System	2	24-Jun-17	26-Jun-17	P40/F5B - Install Pier Segment - Install the Tie & Packing System															
1032-2320	P40/F5B - Install Pier Segment - Install MS at P40/F5B (Right) and Engage FL at P39/F4B	2	27-Jun-17	28-Jun-17	P40/F5B - Install Pier Segment - Install MS at P40/F5B (Right) and Engage FL at P39/F4B															
1032-2340	P40/F5B(MJ Right) - End Span Erection - Hanging Segments	2	29-Jun-17	30-Jun-17	P40/F5B(MJ Right) - End Span Erection - Hanging Segments															
1032-2360	P40/F5B(MJ Right) - End Span Erection - Erect Segments	1	03-Jul-17	03-Jul-17	P40/F5B(MJ Right) - End Span Erection - Erect Segments															

Remaining Level of Effort Remaining Work
 Actual Level of Effort Critical Remaining Work
 Actual Work Milestone

Contract HY/2009/19
Three Months Rolling Programme (20 April 2017 to 19 July 2017)

Activity ID	Activity Name	Rem Dur	Start	Finish	2017															
					May						June				July					
					16	23	30	07	14	21	28	04	11	18	25	02	09	16	23	
1052-1260	TB > Demolition of Temporary Bridge "TB"	4	03-Apr-17 A	24-Apr-17	TB > Demolition of Temporary Bridge "TB"															
10.6 - Tunnel Approach Ramp																				
10.6.1 - Approach Ramp (Excluding Portion IIB)																				
Piling Works																				
1061-3490	Moving Temp Car Park to Permanent Car Park Completed	0		27-Apr-17	◆ Moving Temp Car Park to Permanent Car Park Completed															
1061-3500	Pre Bored H-Pile > Pile Ramp - BM03 A	4	27-Apr-17	02-May-17	■ Pre Bored H-Pile > Pile Ramp - BM03 A															
1061-3520	Pre Bored H-Pile > Pile Ramp - BM03 A - (H-Pile + Grouting)	1	03-May-17	03-May-17	■ Pre Bored H-Pile > Pile Ramp - BM03 A - (H-Pile + Grouting)															
1061-3540	Pre Bored H-Pile > Pile Ramp - BM03 B	4	03-May-17	06-May-17	■ Pre Bored H-Pile > Pile Ramp - BM03 B															
1061-3560	Pre Bored H-Pile > Pile Ramp - BM03 B - (H-Pile + Grouting)	1	08-May-17	08-May-17	■ Pre Bored H-Pile > Pile Ramp - BM03 B - (H-Pile + Grouting)															
1061-3820	Pre Bored H-Pile > Pile Ramp - BN11 A (Low Head Rm)	8	08-May-17	16-May-17	■ Pre Bored H-Pile > Pile Ramp - BN11 A (Low Head Rm)															
1061-3840	Pre Bored H-Pile > Pile Ramp - BN11 A - (H-Pile + Grouting)	1	17-May-17	17-May-17	■ Pre Bored H-Pile > Pile Ramp - BN11 A - (H-Pile + Grouting)															
1061-3860	Pre Bored H-Pile > Pile Ramp - BN11 B (LHR)	8	08-May-17	16-May-17	■ Pre Bored H-Pile > Pile Ramp - BN11 B (LHR)															
1061-3880	Pre Bored H-Pile > Pile Ramp - BN11 B - (H-Pile + Grouting)	1	17-May-17	17-May-17	■ Pre Bored H-Pile > Pile Ramp - BN11 B - (H-Pile + Grouting)															
1061-3900	Pre Bored H-Pile > Pile Ramp - BN12 A (LHR)	8	17-May-17	25-May-17	■ Pre Bored H-Pile > Pile Ramp - BN12 A (LHR)															
1061-3920	Pre Bored H-Pile > Pile Ramp - BN12 A - (H-Pile + Grouting)	1	26-May-17	26-May-17	■ Pre Bored H-Pile > Pile Ramp - BN12 A - (H-Pile + Grouting)															
1061-3940	Pre Bored H-Pile > Pile Ramp - BN12 B (LHR)	8	17-May-17	25-May-17	■ Pre Bored H-Pile > Pile Ramp - BN12 B (LHR)															
1061-3960	Pre Bored H-Pile > Pile Ramp - BN12 B - (H-Pile + Grouting)	1	26-May-17	26-May-17	■ Pre Bored H-Pile > Pile Ramp - BN12 B - (H-Pile + Grouting)															
1061-3980	Pre Bored H-Pile > Pile Ramp - BN13 A (LHR)	8	26-May-17	05-Jun-17	■ Pre Bored H-Pile > Pile Ramp - BN13 A (LHR)															
1061-4000	Pre Bored H-Pile > Pile Ramp - BN13 A - (H-Pile + Grouting)	1	06-Jun-17	06-Jun-17	■ Pre Bored H-Pile > Pile Ramp - BN13 A - (H-Pile + Grouting)															
1061-4020	Pre Bored H-Pile > Pile Ramp - BN13 B (LHR)	8	26-May-17	05-Jun-17	■ Pre Bored H-Pile > Pile Ramp - BN13 B (LHR)															
1061-4040	Pre Bored H-Pile > Pile Ramp - BN13 B - (H-Pile + Grouting)	1	06-Jun-17	06-Jun-17	■ Pre Bored H-Pile > Pile Ramp - BN13 B - (H-Pile + Grouting)															
1061-4060	Pre Bored H-Pile > Pile Ramp - BN01 A (LHR)	8	06-Jun-17	14-Jun-17	■ Pre Bored H-Pile > Pile Ramp - BN01 A (LHR)															
1061-4080	Pre Bored H-Pile > Pile Ramp - BN01 A - (H-Pile + Grouting)	1	15-Jun-17	15-Jun-17	■ Pre Bored H-Pile > Pile Ramp - BN01 A - (H-Pile + Grouting)															
1061-4100	Pre Bored H-Pile > Pile Ramp - BN01 B (LHR)	8	06-Jun-17	14-Jun-17	■ Pre Bored H-Pile > Pile Ramp - BN01 B (LHR)															
1061-4120	Pre Bored H-Pile > Pile Ramp - BN01 B - (H-Pile + Grouting)	1	15-Jun-17	15-Jun-17	■ Pre Bored H-Pile > Pile Ramp - BN01 B - (H-Pile + Grouting)															
1061-4140	Pre Bored H-Pile > Pile Ramp - BN05 A (LHR)	8	15-Jun-17	23-Jun-17	■ Pre Bored H-Pile > Pile Ramp - BN05 A (LHR)															
1061-4160	Pre Bored H-Pile > Pile Ramp - BN05 A - (H-Pile + Grouting)	1	24-Jun-17	24-Jun-17	■ Pre Bored H-Pile > Pile Ramp - BN05 A - (H-Pile + Grouting)															
1061-4180	Pre Bored H-Pile > Pile Ramp - BN05 B (LHR)	8	15-Jun-17	23-Jun-17	■ Pre Bored H-Pile > Pile Ramp - BN05 B (LHR)															
1061-4200	Pre Bored H-Pile > Pile Ramp - BN05 B - (H-Pile + Grouting)	1	24-Jun-17	24-Jun-17	■ Pre Bored H-Pile > Pile Ramp - BN05 B - (H-Pile + Grouting)															
1061-4220	Pre Bored H-Pile > Pile Ramp - BN06 A (LHR)	8	24-Jun-17	04-Jul-17	■ Pre Bored H-Pile > Pile Ramp - BN06 A (LHR)															
1061-4240	Pre Bored H-Pile > Pile Ramp - BN06 A - (H-Pile + Grouting)	1	05-Jul-17	05-Jul-17	■ Pre Bored H-Pile > Pile Ramp - BN06 A - (H-Pile + Grouting)															
1061-4260	Pre Bored H-Pile > Pile Ramp - BN06 B (LHR)	8	24-Jun-17	04-Jul-17	■ Pre Bored H-Pile > Pile Ramp - BN06 B (LHR)															
1061-4280	Pre Bored H-Pile > Pile Ramp - BN06 B - (H-Pile + Grouting)	1	05-Jul-17	05-Jul-17	■ Pre Bored H-Pile > Pile Ramp - BN06 B - (H-Pile + Grouting)															
1061-4300	Remaining Bored Piles & Pre-Bored H-Pile Testing	30	31-May-17	05-Jul-17	■ Remaining Bored Piles & Pre-Bored H-Pile Testing															
Excavation & ELS Works																				

Remaining Level of Effort	Remaining Work
Actual Level of Effort	Critical Remaining Work
Actual Work	Milestone

Contract HY/2009/19
Three Months Rolling Programme (20 April 2017 to 19 July 2017)

Activity ID	Activity Name	Rem Dur	Start	Finish	2017															
					May						June				July					
					16	23	30	07	14	21	28	04	11	18	25	02	09	16	23	
1061-4901.2	Sheet Piling Works (WF1>B3:19m@1.5m/d) (incl Re-boring & Welding Remedial Works)	9	12-Jul-16 A	29-Apr-17	Sheet Piling Works (WF1>B3:19m@1.5m/d);(incl Re-boring & Welding Remedial Works)															
1061-4910	Advance Sheet Piling Works + Pre-drilling in Phase 2 - Cul de sac Area (30m)	14	04-Apr-17 A	17-May-17	Advance Sheet Piling Works + Pre-drilling in Phase 2 - Cul de sac Area (30m)															
1061-4915	Tam Grouting	12	14-Sep-16 A	04-May-17	Tam Grouting															
1061-5060	Dewatering Well Installation (14Nos)	9	11-Jan-17 A	29-Apr-17	Dewatering Well Installation (14Nos)															
1061-5080	Observation Well Installation (10Nos)	9	13-Feb-17 A	29-Apr-17	Observation Well Installation (10Nos)															
1061-5100	Pumping Test	9	05-May-17	15-May-17	Pumping Test															
1061-5120	Complete Pump Test	0		15-May-17	◆ Complete Pump Test															
1061-5140	Ch 5285 - 5331 > Excav from Ex. Lvl down to 2.5mPD (Ch 5285 - 5331 w/ open cut)	7	15-Aug-16 A	27-Apr-17	Ch 5285 - 5331 > Excav from Ex. Lvl down to 2,5mPD (Ch 5285 - 5331 w/ open cut)															
1061-5160	Ch 5234 - 5285 > Excav from Ex. Lvl down to 2.5mPD	9	30-Mar-17 A	09-May-17	Ch 5234 - 5285 > Excav from Ex. Lvl down to 2.5mPD															
1061-5180	Ch 5234 - 5285 > Install 1st Layer of Strut & Waling	9	10-May-17	19-May-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	20-May-17	08-Jun-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	09-Jun-17	19-Jun-17	Ch 5234 - 5285 > Install 2nd Layer of Strut & Waling															
1061-5240	Ch 5234 - 5285 > Excav to FEL	13	20-Jun-17	05-Jul-17	Ch 5234 - 5285 > Excav to FEL															
Structure Works																				
1061-5260	Bay 1 - Ch 5322 - 5331 > Base Slab - Blinding Layer	1	09-Jun-17	09-Jun-17	Bay 1 - Ch 5322 - 5331 > Base Slab - Blinding Layer															
1061-5280	Bay 1 - Ch 5322 - 5331 > Base Slab - Water Proofing Membrane	2	10-Jun-17	12-Jun-17	Bay 1 - Ch 5322 - 5331 > Base Slab - Water Proofing Membrane															
1061-5300	Bay 1 - Ch 5322 - 5331 > Base Slab - Rebar Fixing	5	13-Jun-17	17-Jun-17	Bay 1 - Ch 5322 - 5331 > Base Slab - Rebar Fixing															
1061-5320	Bay 1 - Ch 5322 - 5331 > Base Slab - Erect Formworks	4	19-Jun-17	22-Jun-17	Bay 1 - Ch 5322 - 5331 > Base Slab - Erect Formwo															
1061-5340	Bay 1 - Ch 5322 - 5331 > Base Slab - Concreting	1	23-Jun-17	23-Jun-17	Bay 1 - Ch 5322 - 5331 > Base Slab - Concreting															
1061-5360	Bay 2 - Ch 5313 - 5322 > Base Slab - Blinding Layer	1	24-Jun-17	24-Jun-17	Bay 2 - Ch 5313 - 5322 > Base Slab - Blinding Lay															
1061-5380	Bay 2 - Ch 5313 - 5322 > Base Slab - Water Proofing Membrane	2	26-Jun-17	27-Jun-17	Bay 2 - Ch 5313 - 5322 > Base Slab - Water															
1061-5400	Bay 2 - Ch 5313 - 5322 > Base Slab - Rebar Fixing	5	28-Jun-17	04-Jul-17	Bay 2 - Ch 5313 - 5322 > Base Slab															
1061-5420	Bay 2 - Ch 5313 - 5322 > Base Slab - Erect Formworks	4	05-Jul-17	08-Jul-17	Bay 2 - Ch 5313 - 5322 > Bas															
1061-5440	Bay 2 - Ch 5313 - 5322 > Base Slab - Concreting	1	10-Jul-17	10-Jul-17	Bay 2 - Ch 5313 - 5322 > B															
1061-5460	Bay 3 - Ch 5303 - 5313 > Base Slab - Blinding Layer	1	11-Jul-17	11-Jul-17	Bay 3 - Ch 5303 - 5313 >															
1061-5480	Bay 3 - Ch 5303 - 5313 > Base Slab - Water Proofing Membrane	2	12-Jul-17	13-Jul-17	Bay 3 - Ch 5303 - 531															
1061-5500	Bay 3 - Ch 5303 - 5313 > Base Slab - Rebar Fixing	5	14-Jul-17	19-Jul-17	Bay 3 - Ch 53															
1061-5560	Bay 6 - Ch 5262 - 5277 > Base Slab - Blinding Layer	1	06-Jul-17	06-Jul-17	Bay 6 - Ch 5262 - 5277 > Base S															
1061-5580	Bay 6 - Ch 5262 - 5277 > Base Slab - Water Proofing Membrane	2	07-Jul-17	08-Jul-17	Bay 6 - Ch 5262 - 5277 > Bas															
1061-5600	Bay 6 - Ch 5262 - 5277 > Base Slab - Rebar Fixing	6	10-Jul-17	15-Jul-17	Bay 6 - Ch 5262 - 5															
Retaining Walls & Trough Structure B,C & D																				
1061-6860	Construct Retaining Wall E Pile Cap (7 nos)	24	06-Mar-17 A	18-May-17	Construct Retaining Wall E Pile Cap (7 nos)															
1061-6880	Construct Retaining Wall E1 (Ch 5332 - 5371)	18	19-May-17	09-Jun-17	Construct Retaining Wall E1 (Ch 5332 - 5371)															
1061-6900	Construct Retaining Wall E3 (Ch 5371 - 5398)	18	10-Jun-17	30-Jun-17	Construct Retaining Wall E3 (Ch 5371 - 5															
1061-6920	Construct Retaining Wall E3 (Ch 5398 - 5419)	18	19-May-17	09-Jun-17	Construct Retaining Wall E3 (Ch 5398 - 5419)															

Remaining Level of Effort Remaining Work
 Actual Level of Effort Critical Remaining Work
 Actual Work Milestone

Contract HY/2009/19
Three Months Rolling Programme (20 April 2017 to 19 July 2017)

Activity ID	Activity Name	Rem Dur	Start	Finish	2017															
					May						June				July					
					16	23	30	07	14	21	28	04	11	18	25	02	09	16	23	
10.6.2 - Approach Ramp (Within Portion IIB)																				
Pre-Bored H-Piles																				
1062-1020	Predrilling for ramp within Portion IIB (14no - 3set)	18	28-Apr-17	19-May-17	Predrilling for ramp within Portion IIB (14no - 3set)															
1062-1040	Approach Ramp Portion IIB Piles Final Report / Founding Level	18	08-May-17	27-May-17	Approach Ramp Portion IIB Piles Final Report / Founding Level															
1062-1400	Pre Bored H-Pile > Pile Ramp - BS01 A	14	15-May-17	31-May-17	Pre Bored H-Pile > Pile Ramp - BS01 A															
1062-1420	Pre Bored H-Pile > Pile Ramp - BS01 B	14	20-May-17	06-Jun-17	Pre Bored H-Pile > Pile Ramp - BS01 B															
1062-1440	Pre Bored H-Pile > Pile Ramp - BS02 A	14	26-May-17	12-Jun-17	Pre Bored H-Pile > Pile Ramp - BS02 A															
1062-1460	Pre Bored H-Pile > Pile Ramp - BS02 B	14	02-Jun-17	17-Jun-17	Pre Bored H-Pile > Pile Ramp - BS02 B															
1062-1480	Pre Bored H-Pile > Pile Ramp - BS03 A	14	08-Jun-17	23-Jun-17	Pre Bored H-Pile > Pile Ramp - BS03 A															
1062-1500	Pre Bored H-Pile > Pile Ramp - BS03 B	14	14-Jun-17	29-Jun-17	Pre Bored H-Pile > Pile Ramp - BS03 B															
1062-1520	Pre Bored H-Pile > Pile Ramp - BS04 A	14	20-Jun-17	06-Jul-17	Pre Bored H-Pile > Pile Ramp - BS04 A															
1062-1540	Pre Bored H-Pile > Pile Ramp - BS04 B	14	26-Jun-17	12-Jul-17	Pre Bored H-Pile > Pile Ramp - BS04 B															
1062-1560	Pre Bored H-Pile > Pile Ramp - BS05 A	14	15-May-17	31-May-17	Pre Bored H-Pile > Pile Ramp - BS05 A															
1062-1580	Pre Bored H-Pile > Pile Ramp - BS05 B	14	20-May-17	06-Jun-17	Pre Bored H-Pile > Pile Ramp - BS05 B															
1062-1600	Pre Bored H-Pile > Pile Ramp - BS06 A	14	26-May-17	12-Jun-17	Pre Bored H-Pile > Pile Ramp - BS06 A															
1062-1620	Pre Bored H-Pile > Pile Ramp - BS06 B	14	02-Jun-17	17-Jun-17	Pre Bored H-Pile > Pile Ramp - BS06 B															
1062-1640	Pre Bored H-Pile > Pile Ramp - BS07 A	14	08-Jun-17	23-Jun-17	Pre Bored H-Pile > Pile Ramp - BS07 A															
1062-1660	Pre Bored H-Pile > Pile Ramp - BS07 B	14	14-Jun-17	29-Jun-17	Pre Bored H-Pile > Pile Ramp - BS07 B															
1062-1680	Pre Bored H-Pile > Pile Ramp - BS08 A	14	20-Jun-17	06-Jul-17	Pre Bored H-Pile > Pile Ramp - BS08 A															
1062-1700	Pre Bored H-Pile > Pile Ramp - BS08 B	14	26-Jun-17	12-Jul-17	Pre Bored H-Pile > Pile Ramp - BS08 B															
1062-1720	Pre Bored H-Pile > Pile Ramp - BS09 A	14	20-May-17	06-Jun-17	Pre Bored H-Pile > Pile Ramp - BS09 A															
1062-1740	Pre Bored H-Pile > Pile Ramp - BS09 B	14	26-May-17	12-Jun-17	Pre Bored H-Pile > Pile Ramp - BS09 B															
1062-1760	Pre Bored H-Pile > Pile Ramp - BS10 A	14	02-Jun-17	17-Jun-17	Pre Bored H-Pile > Pile Ramp - BS10 A															
1062-1780	Pre Bored H-Pile > Pile Ramp - BS10 B	14	08-Jun-17	23-Jun-17	Pre Bored H-Pile > Pile Ramp - BS10 B															
1062-1800	Pre Bored H-Pile > Pile Ramp - BS11 A	14	14-Jun-17	29-Jun-17	Pre Bored H-Pile > Pile Ramp - BS11 A															
1062-1820	Pre Bored H-Pile > Pile Ramp - BS11 B	14	20-Jun-17	06-Jul-17	Pre Bored H-Pile > Pile Ramp - BS11 B															
1062-1840	Pre Bored H-Pile > Pile Ramp - BS12 A	14	26-Jun-17	12-Jul-17	Pre Bored H-Pile > Pile Ramp - BS12 A															
1062-1860	Pre Bored H-Pile > Pile Ramp - BS12 B	14	20-May-17	06-Jun-17	Pre Bored H-Pile > Pile Ramp - BS12 B															
1062-1880	Pre Bored H-Pile > Pile Ramp - BS13 A	14	26-May-17	12-Jun-17	Pre Bored H-Pile > Pile Ramp - BS13 A															
1062-1900	Pre Bored H-Pile > Pile Ramp - BS13 B	14	02-Jun-17	17-Jun-17	Pre Bored H-Pile > Pile Ramp - BS13 B															
1062-1920	Pre Bored H-Pile > Pile Ramp - BM01 A	14	08-Jun-17	23-Jun-17	Pre Bored H-Pile > Pile Ramp - BM01 A															
1062-1940	Pre Bored H-Pile > Pile Ramp - BM01 B	14	14-Jun-17	29-Jun-17	Pre Bored H-Pile > Pile Ramp - BM01 B															
1062-1960	Pre Bored H-Pile > Pile Ramp - BM02 A	14	20-Jun-17	06-Jul-17	Pre Bored H-Pile > Pile Ramp - BM02 A															
1062-1980	Pre Bored H-Pile > Pile Ramp - BM02 B	14	26-Jun-17	12-Jul-17	Pre Bored H-Pile > Pile Ramp - BM02 B															
ELS																				

█ Remaining Level of Effort █ Remaining Work
█ Actual Level of Effort █ Critical Remaining Work
█ Actual Work ◆ ◆ Milestone

Contract HY/2009/19
Three Months Rolling Programme (20 April 2017 to 19 July 2017)

Activity ID	Activity Name	Rem Dur	Start	Finish	2017													
					May				June				July					
					16	23	30	07	14	21	28	04	11	18	25	02	09	16
A1000	Sheet Pile and Preboring Works	61	09-May-17	20-Jul-17	Sheet Pile a													
A1010	Dewatering System and Instrumentation installation	38	31-May-17	14-Jul-17	Dewatering System a													
10.7 - Section X - Miscellaneous Works																		
10.7.2 - Oil Street/Watson Road (Portion III)																		
1072-1000	Remaining Fresh Water Main 200DI - F02 Portion VIIB (Watson/VB)	120	27-Apr-17	16-Sep-17														
1072-1020	Remaining Storm Water Drain Portion VII (Watson/VB)	120	27-Apr-17	16-Sep-17														
1072-1040	Fresh Water Main 100DI - F03 Portion III (Oil Street/Admin Bldg)	50	27-Apr-17	26-Jun-17	Fresh Water Main 100DI - F03 Portion III (Oil S													
1072-1060	Salt Water Main 100DI - S03 Portion III (Oil Street/Admin Bldg)	50	27-Apr-17	26-Jun-17	Salt Water Main 100DI - S03 Portion III (Oil Str													
1072-1065	Salt Water Main 100DI - S02 (Watson rd - Previously at Portion XIIB)	50	27-Apr-17	26-Jun-17	Salt Water Main 100DI - S02 (Watson rd - Pre													
1072-1080	Foul Sewer Dia. 225 Portion III (Oil Street/Admin Bldg)	50	27-Apr-17	26-Jun-17	Foul Sewer Dia. 225 Portion III (Oil Street/Admi													
10.7.3 - Open Area																		
1073-1010	Open Area - Pedestrian Parapet - Ch570.40 to Ch540.00	14	22-May-17*	07-Jun-17	Open Area - Pedestrian Parapet - Ch570.40 to Ch540.00													
1073-1010.3	Open Area - Pedestrian Parapet - Ch540.00 to Ch520.00	14	08-Jun-17	23-Jun-17	Open Area - Pedestrian Parapet - Ch540.00 to Ch5													
1073-1010.5	Open Area - Pedestrian Parapet - Ch0.00 - Ch40.00	14	24-Jun-17	11-Jul-17	Open Area - Pedestrian P													
1073-1010.7	Open Area - Pedestrian Parapet - Ch40.00 - 80.00	14	12-Jul-17	27-Jul-17	O													
11 - SECTION 11 OF THE WORKS																		
11.1 - Portion XIA - Stage 1																		
11.1.1 - Along Watson Road - Waterwork & Roadworks (Portion XIA)																		
1110-2820	Permanent Cul-de Sac - Constr. of drainage	25	20-Apr-17*	19-May-17	Permanent Cul-de Sac - Constr. of drainage													
1110-2830	Permanent Cul-de Sac - Constr. of watermains	25	03-May-17	01-Jun-17	Permanent Cul-de Sac - Constr. of watermains													
1110-2840	Permanent Cul-de Sac - Constr. of public lighting & telecom (conduits & drawpits)	25	15-May-17	13-Jun-17	Permanent Cul-de Sac - Constr. of public lighting & telecom (cond													
1110-2850	Permanent Cul-de Sac - Constr. of (kerbs & pavements)	25	14-Jun-17	13-Jul-17	Permanent Cul-de Sac													
11.1.3 - Along Tsing Fung St. - TCSS cable ducting (Portion XIA)																		
1110-2930	TCSS cable ducting along Tsing Fung St	36	08-May-17*	19-Jun-17	TCSS cable ducting along Tsing Fung St													
11.1.4 - Along Gordon House - Cross road ducting at Hing Fat St adjacent to (Portion XIA)																		
1110-2940	Trench 1 (E&M, PL) - (Night Work)	16	19-Sep-16 A	09-May-17	Trench 1 (E&M, PL) - (Night Work)													
1110-2950	Trench 2 (ATC) - (Night Work)	38	10-May-17	23-Jun-17	Trench 2 (ATC) - (Night Work)													
11.1.5 - Footing and frame/pole for directional sign FVMSH2, ADS16 and OHVD (Portion XIA)																		
1110-2960	ADS16	26	14-Sep-16 A	20-May-17	ADS16													
1110-2970	OHVD	12	22-May-17	05-Jun-17	OHVD													
1110-2980	FVMSH2	18	06-Jun-17	26-Jun-17	FVMSH2													

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