



CONTRACT NO: HK/2011/07

**WANCHAI DEVELOPMENT PHASE II AND CENTRAL
WANCHAI BYPASS
SAMPLING, FIELD MEASUREMENT AND TESTING WORK
(STAGE 2)**

**ENVIRONMENTAL PERMIT NO. EP-364/2009/D,
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/A, FEP-09/364/2009/B, FEP-10/364/2009/B AND
FEP-11/364/2009/B**

MONTHLY ENVIRONMENTAL MONITORING & AUDIT REPORT

- NOVEMBER 2015 -

CLIENTS:

**Civil Engineering and Development
Department**

and

Highways Department

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DATE:

11 December 2015

Ref.: AACWBIECEM00_0_7515L.15

14 December 2015

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/2011/07
Wan Chai Development Phase II - Central-Wan Chai Bypass
Sampling, Field Measurement and Testing Works (Stage 2)**

**Monthly Environmental Monitoring and Audit Report (November 2015)
for EP-364/2009/D, 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/B**

Reference is made to the Environmental Team's submission of the captioned Monthly Environmental Monitoring and Audit (EM&A) Report for November 2015 received by e-mail on 14 December 2015 for our review and comment.

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

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

Yours sincerely,



David Yeung
Independent Environmental Checker

c.c.	HyD	Attn: Mr. Bond Chow	by fax: 2714 5289
	CEDD	Attn: Mr. Stephen Lo	by fax: 2577 5040
	Lam	Attn: Mr. Raymond Dai	by fax: 2882 3331
	AECOM	Attn: Mr. Francis Leong/ Stephen Lai	by fax: 2691 2649

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EXECUTIVE SUMMARY

- i. This is the Environmental Monitoring and Audit (EM&A) Monthly Report – **November 2015** specific for Environmental Permit no. EP-364/2009/D, 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/B. The EM&A report is prepared by the Environmental Team (ET) employed under Contract No. HK/2011/07 – Wan Chai Development Phase II and Central Wanchai Bypass – Sampling, Field Measurement and Testing Works (Stage 2). This report presents the environmental monitoring findings and information recorded during the period of **November 2015**. The cut-off date of reporting is at 27th of each reporting month.
- ii. 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
- Bridges construction

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

- Stage 1 & 2 Backfilling works at CWB Tunnel top slab
- Stage 2 Construction of slip road 2 and 3
- Stage 3 RC structure for CWB Tunnel Bay 18 to 20
- Removal of abandoned cooling main (P7/P9) at Convention Avenue
- Reinstatement of outfall
- Reinstatement of triangular planter at Fenwick Pier Street
- Roadworks /drains for Expo Drive East
- Stage 4 ELS 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

- Removal of stockpile of material, clearance works was on going at OHVD at Tunnel Portion 1.
- Construction of road side barriers
- Removal of strut layer S1 was on going
- Backfilling works and access shaft construction
- Construction of road side barriers
- Tunnel Portion 3 & 4:
- Struts installation for layer S5 is now in progress
- Excavation for layer S6 is now in progress
- Breaking through bulkhead wall BW3 was in progress

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

- Construction roadside barrier at Mined Tunnel
- Fabrication of ELS steel works for TPCWAW
- Excavation and installation of ELS works at TPCWAW
- Construction RC structure at TPCWAW
- Remaining works inside tunnel at TS4 and TPCWAE
- Removal of standby Dewatering System and monitoring instrument along 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

- Pier construction for IEC
- Construction of EVB and APS structure
- Column modification at F1 to F8
- Demolition of IEC west bound deck/crosshead/column/pile cap
- Bridge E crosshead/deck construction
- Watson Road laying of new water pipe
- Oil Street drainage works
- Excavation / Construction of retaining wall/ADB
- Bridge segment erections
- Pre-bored H-pile for Approach Ramp
- Hing Fat Street modification works

Contract no. HK/2012/08 – Wan Chai Development Phase II – Central- Wan Chai Bypass at Wan Chai West under FEP-09/364/2009B

- Diaphragm wall construction
- Grouting
- Construction of MVB
- Pre-bored H-pile construction
- Construction of concrete plug
- Excavation and lateral support installation

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

- Tree protection works next to existing BGO,
- Drainage improvement works,
- Sheet piling works,
- Excavation and Lateral Support for U-structure,
- Pipe piling & grouting works,
- Utility diversion works,
- Retaining wall works
- Reprovisional of Bowling Green,
- ELS works,
- Diaphragm Wall, Barrette construction and king post installation works



- D-wall drill cutting 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-11/364/2009B

- West Ventilation Building Construction
- East Ventilation Shaft Construction
- Install VE panels bracket and thermal barrier for Tunnel

Noise Monitoring

- iii. 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.
- iv. One limit level exceedance was recorded at noise monitoring station M1a – Harbour Road Sports Center on 24 November 2015. The exceedance was concluded as non-project related.
- v. 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.
- vi. 24-hour real time noise monitoring was conducted at RTN2a – Hong Kong Electric Centre. No project related limit level exceedance was recorded in the reporting month.
- vii. 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.
- viii. 24-hour real time noise monitoring was conducted at RTN4 – Causeway Bay Community Centre. No project related exceedance was recorded in the reporting month.
- ix. Liaison was conducted with HK Baptist Church Henrietta Secondary School and Po Leung Kuk Yu Lee Mo Fan Memorial School regarding the set up of RTN3 real time noise monitoring station. Po Leung Kuk Yu Lee Mo Fan Memorial School grant permission for set up on 4 Sep 2012 and station set up was performed on 14 Sep 2012.
- x. Real time noise monitoring station at Oil Street Community Liaison Centre (RTN2- Oil Street Community Centre) was relocated from Oil Street Community Liaison Centre to Hong Kong Electric (RTN2a- 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 in Electric Centre from 4 December 2009 to 17 December 2009.
- xi. Real-time noise baseline capturing was conducted from 21 Sep 2012 to 04 Oct 2012 at RTN3-Po Leung Kuk Yu Lee Mo Fan Memorial School.
- xii. Real-time Noise Monitoring at RTN3- Po Leung Kuk Yu Lee Mo Fan Memorial School was commenced since 06 Oct 2012.
- xiii. Causeway Bay Community Centre has granted permission for set up of real time noise monitoring station on 21 Dec 2012 and station set up was performed on 27 Dec 2012. The Baseline noise level of RTN4- Causeway Bay Community Centre will adopt the results from the baseline noise monitoring report for EP/364/2009 in 22 April 2010 in which approved by EPD.
- xiv. According to clause 3.1 stated in EP-364/2009/B, “the real-time monitoring system shall be in place no later than two weeks before the commencement date of demolition works of the existing Island Eastern Corridor”. IEC demolition associated construction works was commenced on 3 Feb 2013 and Real time noise monitoring at RTN4-Causeway Bay Community Centre was commenced on 13 Jan 2013.
- xv. 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.



- xvi. With respect to the completion of Victoria Car Park refurbishment, the noise monitoring at M4b-Victora Center was reverted from 3/F to 2/F since 24 June 2014.

Air Quality Monitoring

- xvii. With respect to the area handover, the air quality monitoring station CMA5a at Children Playgrounds opposite to the Pedestrian Plaza was relocated to the Pedestrian Plaza on 3 December 2014. The station reference and location ID of the air quality monitoring station CMA5a was updated as CMA5b and Pedestrian Plaza respectively.
- xviii. Due to extension of site boundary by contractor of HY/2009/19, location of air quality monitoring station CMA1b – Oil Street Community Liaison Centre has been finely adjusted on 21 April 2012.
- xix. The location ID of air quality monitoring station CMA1b was updated as Oil Street Site Office in April 2013.
- xx. With respect to the removal of Oil Street Site Office, the respective air quality monitoring station CMA1b was finely adjusted on 11 September 2015.
- xxi. 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.
- xxii. [No action or limit level exceedance for TSP monitoring was recorded in the reporting month.](#)

Complaints, Notifications of Summons and Successful Prosecutions

- xxiii. [Two environmental complaints were received in the reporting month.](#)
- xxiv. [First public complaint regarding illegal disposal of construction waste referred by EPD was received by ET on 17 November 2015. The complainant reported that a\) over 10,000 m3 of bentonite after usage for construction of diaphragm wall was disposed of at Victoria Harbour, b\) 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, c\) 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, d\) White or greyish effluent was discharged directly into Victoria Harbour marine waters from wastewater treatment plant on construction site.](#)
- xxv. [Interim investigation report was submitted to EPD on 24 November 2015. Due to further investigation undertaken, further information and investigation summary shall be further included in December reporting month.](#)
- xxvi. [Second 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.](#)

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.

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.

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.

Site Inspections and Audit

- xxvii. 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.
- xxviii. 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.
- xxix. 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.
- xxx. The Contractors rectified major observations and recommendations made during the audit sessions. No non-conformance was identified during the site inspections.

Future Key Issues

- i. 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
- Bridges construction

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

- Stage 1 & 2 Backfilling works at CWB Tunnel top slab
- Stage 2 Construction of slip road 2 and 3
- Stage 3 RC structure for CWB Tunnel Bay 18 to 20
- Removal of abandoned cooling main (P7/P9) at Convention Avenue
- Reinstatement of outfall
- Reinstatement of triangular planter at Fenwick Pier Street
- Roadworks /drains for Expo Drive East
- Stage 4 ELS 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

- Removal of stockpile of material and clearance works was on going at OHVD at Tunnel Portion 1.
- Construction of road side barriers
- Backfilling works and access shaft construction
- Construction of road side barriers
- Cutting the top part of diaphragm wall
- Continue strut layer S5 lateral support installation at east sides
- Continue and complete excavation for layer S6 at both sides
- Commence and continue breaking through bulkhead wall BW3
- Start strut layer S6 lateral support installation
- Start pouring blinding layer concrete at portion 3

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

- Construction of roadside barrier at Mined Tunnel
- Excavation and RC structure works at TPCWAW
- Remaining works inside tunnel at TS4 and TPCWAE
- Removal of standby dewatering System and monitoring instrument along Hung Hing road
- Removal of Standby dewatering System 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

- Pier construction for IEC
- Construction of EVB and APS structure
- Column modification at F1 to F8
- Demolition of IEC west bound deck/crosshead/column/pile cap
- Bridge E deck construction
- Watson Road laying of new water pipe
- Oil Street drainage works
- Excavation / Construction of retaining wall/Approach Ramp/ADB
- Bridge segment erections
- Pre-bored H-pile for Approach Ramp
- Hing Fat Street modification works
- Bridge TA2 demolition
- Abutment D12 construction

Contract no. HK/2012/08 – Wan Chai Development Phase II – Central- Wan Chai Bypass at Wan Chai West under FEP-09/364/2009/B

- Diaphragm wall construction
- Grouting
- Construction of MVB
- Pre-bored H-pile construction
- Construction of concrete plug
- Excavation and lateral support installation

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,
- Sheet piling works,
- Excavation and Lateral Support for U-structure,
- Pipe piling & grouting works,
- Utility diversion works,
- Retaining wall works
- Reprovisional of Bowling Green,
- ELS works,
- Diaphragm Wall, Barrette construction and king post installation works
- D-wall drill cutting 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-11/364/2009B

- West Ventilation Building Construction
- East Ventilation Shaft Construction
- Install VE panels bracket and thermal barrier for Tunnel

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/C 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-10/364/2009B and FEP-11/364/2009B 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/C, 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 and FEP-11/364/2009/B during the period **October 2015 to November 2015**. The cut-off date of reporting is at 27th of each reporting month.

1.2 Structure of the Report

Section 1 ***Introduction*** – details the scope and structure of the report.

Section 2 ***Project Background*** – summarizes background and scope of the project, site description, project organization and contact details of key personnel during the reporting period.

Section 3 ***Status of Regulatory Compliance*** – summarizes the status of valid Environmental Permits / Licenses during the reporting period.

Section 4 ***Monitoring Requirements*** – summarizes all monitoring parameters, monitoring methodology and equipment, monitoring locations, monitoring frequency, criteria and respective event and action plan and monitoring programmes.

Section 5 ***Monitoring Results*** – summarizes the monitoring results obtained in the reporting period.

Section 6 ***Compliance Audit*** – summarizes the auditing of monitoring results, all exceedances environmental parameters.

Section 7 ***Cumulative Construction Impact due to the Concurrent Projects*** –

summarizes the relevant cumulative construction impact due to the concurrent activities of the concurrent Projects.

Section 8 ***Environmental Site Audit*** – summarizes the findings of weekly site inspections undertaken within the reporting period, with a review of any relevant follow-up actions within the reporting period.

Section 9 ***Complaints, Notification of summons and Prosecution*** – summarizes the cumulative statistics on complaints, notification of summons and prosecution

Section 10 ***Conclusion***

2 PROJECT BACKGROUND

2.1 Background

2.1.1. “Wan Chai Development phase II and Central-Wan Chai Bypass” 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	3922 3388	3912 3010
Chun Wo – Leader Joint Venture	Contractor under Contract no. HK/2009/01	Project Manager	Mr. Simon Liu	2162 9909	2634 1626
		Site Agent	Mr. Andy Yu	9648 4896	
		Construction Manager	Mr. Terry Wong	9757 9846	
		Construction Manager	Mr. Wyman Wong	9627 2467	



Party	Role	Post	Name	Contact No.	Contact Fax
		Construction Manager	Mr. Terry Tsang	6683 9394	
		Environmental Officer	Ms. Wendy Ng	9803 0057	
		Assistant Environmental Engineer	Ms. Connie Chan	6157 7057	
Chun Wo – CRGL Joint Venture	Contractor under Contract no. HK/2009/02	Site Agent	Mr. K.K. Yuen	3658-3002	2827 9996
		Project Manager	Mr. Paul Yu	3658 3085	
		Environmental Officer	Mr. C.P. Ho	9191 8856	
Chun Wo - CRGL - MBEC_Joint Venture	Contractor under Contract no. HY/2009/19	Project Manager	Mr. David Lau	3758 8879	2570 8013
		Deputy Project Manager	Mr. William Luk	9456 9819	
		Deputy Site Agent	Eric Fong	6191 9337	
		Environmental Manager / Environmental Officer	Mr. M.H. Isa	9884 0810	
		Environmental Engineer	Mr. Calvin Leung	9286 9208	
Leighton Contractors (Asia) Limited	Contractor under Contract no. HY/2009/18	Site Agent	Mr. Jimmy Chu	2214 7700	2140 6799
		Deputy Site Agent	Mr. Bob Yeung	2214 7703	
		Environmental Officer	Ms. Lighting Chan	2823 1161	
		Assistant Environmental Engineer	Mr. Christy So	3937 1065	
China State Construction Engineering (HK) Ltd.	Contractor under Contract no. HY/2009/15	Project Director	Mr. Chris Leung	3557 6393	2865 5229
		Site Manager	Mr. Y. Huo	3557 6368	2566 2192
		Contractor's Representative	Mr. Andrew Wong	3557 6371	
		Environmental Officer	Mr. Andy Mak	3557 6215	
		Environmental Supervisor	Mr. Harry Wong	3557 6348	
China State-Leader 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	



Party	Role	Post	Name	Contact No.	Contact Fax
		Environmental Supervisor	Mr. Y.L. Ho	6050 4919	
China State	Contractor under Contract no.HY/2010/08	Project Director	Cheung Kit Cheung	3557 6399	2566 8061
		Project Manager	Chan Ying Lun	9812 0592	
		Deputy Project Manager	Chris Leung	3467 4299	
		Site Agent	Dr. Dave Chan	3467 4277	
		Environmental Officer	Mr. C.M. Wong	3557 6464	
		Environmental Supervisor	Mr. Louis Lam Tsz Kwan	3557 6470	
Leighton Joint Venture	Contractor under Contract no. HY/2011/08	Project Manager	Paul Evans	2823 1111	21406799
		Site Agent	Colman Wong	9730 0806	
		Environmental Officer	Malcom Leung	3973 0850	
		Environmental Supervisor	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
- Bridges construction

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

- Stage 1 & 2 Backfilling works at CWB Tunnel top slab
- Stage 2 Construction of slip road 2 and 3
- Stage 3 RC structure for CWB Tunnel Bay 18 to 20
- Removal of abandoned cooling main (P7/P9) at Convention Avenue
- Reinstatement of outfall
- Reinstatement of triangular planter at Fenwick Pier Street
- Roadworks /drains for Expo Drive East
- Stage 4 ELS 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

- Removal of stockpile of material, clearance works was on going at OHVD at Tunnel Portion 1.
- Construction of road side barriers
- Removal of strut layer S1 was on going
- Backfilling works and access shaft construction
- Construction of road side barriers
- Tunnel Portion 3 & 4:
- Struts installation for layer S5 is now in progress
- Excavation for layer S6 is now in progress
- Breaking through bulkhead wall BW3 was in progress

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

- Construction roadside barrier at Mined Tunnel
- Fabrication of ELS steel works for TPCWAW
- Excavation and installation of ELS works at TPCWAW
- Construction RC structure at TPCWAW
- Remaining works inside tunnel at TS4 and TPCWAE
- Removal of standby Dewatering System and monitoring instrument along 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

- Pier construction for IEC
- Construction of EVB and APS structure
- Column modification at F1 to F8
- Demolition of IEC west bound deck/crosshead/column/pile cap
- Bridge E crosshead/deck construction
- Watson Road laying of new water pipe
- Oil Street drainage works
- Excavation / Construction of retaining wall/ADB
- Bridge segment erections
- Pre-bored H-pile for Approach Ramp
- Hing Fat Street modification works

Contract no. HK/2012/08 – Wan Chai Development Phase II – Central- Wan Chai Bypass at Wan Chai West under FEP-09/364/2009B

- Diaphragm wall construction
- Grouting
- Construction of MVB
- Pre-bored H-pile construction
- Construction of concrete plug
- Excavation and lateral support installation

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

- Tree protection works next to existing BGO,
- Drainage improvement works,
- Sheet piling works,
- Excavation and Lateral Support for U-structure,
- Pipe piling & grouting works,
- Utility diversion works,
- Retaining wall works
- Re-provisional of Bowling Green,
- ELS works,
- Diaphragm Wall, Barrette construction and king post installation works
- D-wall drill cutting 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-11/364/2009B

- West Ventilation Building Construction
- East Ventilation Shaft Construction
- Install VE panels bracket and thermal barrier for Tunnel

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
- Bridges construction

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

- Stage 1 & 2 Backfilling works at CWB Tunnel top slab
- Stage 2 Construction of slip road 2 and 3
- Stage 3 RC structure for CWB Tunnel Bay 18 to 20
- Removal of abandoned cooling main (P7/P9) at Convention Avenue
- Reinstatement of outfall
- Reinstatement of triangular planter at Fenwick Pier Street
- Roadworks /drains for Expo Drive East
- Stage 4 ELS 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

- Removal of stockpile of material and clearance works was on going at OHVD at Tunnel Portion 1.
- Construction of road side barriers
- Backfilling works and access shaft construction
- Construction of road side barriers
- Cutting the top part of diaphragm wall
- Continue strut layer S5 lateral support installation at east sides
- Continue and complete excavation for layer S6 at both sides
- Commence and continue breaking through bulkhead wall BW3
- Start strut layer S6 lateral support installation
- Start pouring blinding layer concrete at portion 3

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

- Construction of roadside barrier at Mined Tunnel
- Excavation and RC structure works at TPCWAW
- Remaining works inside tunnel at TS4 and TPCWAE
- Removal of standby dewatering System and monitoring instrument along Hung Hing road
- Removal of Standby dewatering System 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

- Pier construction for IEC
- Construction of EVB and APS structure
- Column modification at F1 to F8
- Demolition of IEC west bound deck/crosshead/column/pile cap
- Bridge E deck construction
- Watson Road laying of new water pipe
- Oil Street drainage works
- Excavation / Construction of retaining wall/Approach Ramp/ADB
- Bridge segment erections
- Pre-bored H-pile for Approach Ramp
- Hing Fat Street modification works
- Bridge TA2 demolition
- Abutment D12 construction

Contract no. HK/2012/08 – Wan Chai Development Phase II – Central- Wan Chai Bypass at Wan Chai West under FEP-09/364/2009/B

- Diaphragm wall construction
- Grouting
- Construction of MVB
- Pre-bored H-pile construction
- Construction of concrete plug
- Excavation and lateral support installation

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,
- Sheet piling works,
- Excavation and Lateral Support for U-structure,
- Pipe piling & grouting works,
- Utility diversion works,
- Retaining wall works
- Reprovisional of Bowling Green,
- ELS works,
- Diaphragm Wall, Barrette construction and king post installation works
- D-wall drill cutting 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-11/364/2009B

- West Ventilation Building Construction
- East Ventilation Shaft Construction
- Install VE panels bracket and thermal barrier for Tunnel

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	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	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-piling equipment	GW-RS0408-15	13 Apr 2015	20 Apr 2015 to 19 Oct 2015	Cancelled
	GW-RS0416-15	16 Apr 2015	8 May 2015 to 7 Nov 2015	Expired
	GW-RS0445-15	30 Apr 2015	26 May 2015 to 25 Nov 2015	Expired
	GW-RS0462-15	30 Apr 2015	02 May 2015 to 01 Nov 2015	Expired
	GW-RS0706-15	30 Jun 2015	02 Jul 2015 to 01 Jan 2016	Valid
	GW-RS0803-15	28 Jul 2015	21 Aug 2015 to 20 Feb 2016	Valid
	GW-RS0804-15	28 Jul 2015	22 Aug 2015 to 21 Feb 2016	Valid
	GW-RS0868-15	13 Aug 2015	14 Aug 2015 to 13 Feb 2016	Valid
	GW-RS1025-15	22 Sep 2015	24 Sep 2015 to 23 Mar 2016	Valid
	GW-RS1031-15	22 Sep 2015	29 Sep 2015 to 24 Mar 2016	Valid
	GW-RS1134-15	23 Oct 2015	08 Nov 2015 to 07 May 2016	Valid
GW-RS1135-15	23 Oct 2015	26 Nov 2015 to 25 May 2016	Valid	

Permits and/or Licences	Reference No.	Issued Date	Valid Period/ Expiry Date	Status
	GW-RS1228-15	13 Nov 2015	16 Nov 2015 to 13 May 2016	Valid
Discharge Licence	WT00009641- 2011	24 Jul 2011	31 Jul 2016	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
Dumping Permit (Type 1 – Open Sea Disposal)	EP_MD_16-018	02 Jun 2015	13 Oct 2015 to 12 Apr 2016	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 Licences	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-pilling equipment	GW-RS0458-15	30 Apr 2015	2 May 2015 to 29 Oct 2015	Cancelled
	GW-RS0544-15	22 May 2015	26 May 2015 to 18 Nov 2015	Cancelled
	GW-RS0723-15	2 Jul 2015	7 July 2015 to 06 Jan 2016	Cancelled
	GW-RS0831-15	31 Jul 2015	03 Aug 2015 to 28 Jan 2016	Cancelled
	GW-RS0446-15	30 Apr 2015	27 May 2015 to 26 Nov 2015	Expired
	GW-RS0447-15	30 Apr 2015	22 May 2015 to 21 Nov 2015	Expired
	GW-RS0454-15	30 Apr 2015	2 May 2015 to 28 Oct 2015	Expired
	GW-RS0610-15	10 Jun 2015	22 Jun 2015 to 21 Dec 2015	Valid
	GW-RS0637-15	11 Jun 2015	18 Jun 2015 to 08 Dec 2015	Valid
	GW-RS0709-15	30 Jun 2015	02 July 2015 to 01 Jan 2016	Valid
	GW-RS0716-15	30 Jun 2015	04 July 2015 to 27 Dec 2015	Valid
	GW-RS0981-15	07 Sep 2015	09 Sep 2015 to 06 Mar 2016	Valid
	GW-RS1004-15	15 Sep 2015	17 Sep 2015 to 16 Dec 2015	Valid

Permits and/or Licences	Reference No.	Issued Date	Valid Period/ Expiry Date	Status
	GW-RS1006-15	15 Sep 2015	18 Sep 2015 to 14 Mar 2016	Valid
	GW-RS1099-15	08 Oct 2015	08 Oct 2015 to 30 Nov 2015	Valid
	GW-RS1121-15	20 Oct 2015	22 Oct 2015 to 18 Apr 2016	Valid
	GW-RS1150-15	26 Oct 2015	28 Oct 2015 to 27 Apr 2016	Valid
	GW-RS1187-15	28 Oct 2015	30 Oct 2015 to 27 Apr 2016	Valid
Water Discharge License	WT00008982-2011	26 April 2011	30 April 2016	Valid
	WT00009691-2011	01 Aug 2011	31 July 2016	Valid
	WT00022295-2015	12 Aug 2015	31 July 2020	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
Dumping Permit (Type 1 – Open Sea Disposal)	EP/MD/16-034	26 Jun 2015	01 Jul 2015 to 31 Dec 2015	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-RS0719-15	3 July 2015	06 Jul 2015 to 31 Dec 2015	Valid
	GW-RS0830-15	29 July 2014	30 Jul 2015 to 29 Jan 2016	Valid
	GW-RS1206-15	06 Nov 2015	12 Nov 2015 - 31 Mar 2016	Valid
Discharge Licenses	WT00012998-2012	25 May 2012	31 Jan 2016	Cancelled
	WT00013967-2012	17 Sep 2012	30 Sep 2017	Cancelled
	WT00014966-2013	08 Jan 2013	31 Jan 2018	Cancelled
	WT00020398-2014	21 Nov 2014	31 Jan 2016	Valid
	WT00020725-2015	14 Jan 2015	30 Jul 2017	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-RS0579-15	29 May 2015	31 May 2015 to 26 Nov 2015	Cancelled
	GW-RS0679-15	29 Jun 2015	01 Jul 2015 to 31 Dec 2015	Valid
	GW-RS0591-15	29 May 2015	31 May 2015 to 26 Nov 2015	Expired
	GW-RS893-15	17 Aug 2015	17 Aug 2015 to 16 Feb 2016	Valid
	GW-RS0990-15	10 Sep 2015	10 Sep 2015 to 09 Mar 2016	Valid
	GW-RS1160-15	26 Oct 2015	28 Oct 2015 to 25 Apr 2016	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	27 Sep 2010 to 27 Jan 2016	Valid
Billing Account under Waste Disposal Ordinance (Disposal by Vessel)	7011761	26 Jun 2015	17 Oct 2015 to 17 Jan 2016	Valid
Water Discharge License (TS1)	WT00008780-2011	24 Nov 2011	24 Nov 2011 to 31 Mar 2016	Valid
Water Discharge License (Discharge at CHT area)	WT00019250-2014	6 Jun 2014	6 Jun 2014 to 31 May 2016	Valid
Water Discharge License (Discharge at TPCWAE)	WT00018167-2014	17 Jan 2014	17 Jan 2014 to 31 Dec 2015	Valid
Water Discharge License (Discharge at TS4)	WT00018542-2014	17 Mar 2014	17 Mar 2014 to 31 Jan 2016	Cancelled

Permits and/or Licences	Reference No.	Issued Date	Valid Period/ Expiry Date	Status
Water Discharge Licence (Discharge at TPCWAW)	WT00020601-2014	18 Mar 2015	18 Mar 2015 to 31 Mar 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	Superseded
	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-RS0741-15	10 Jul 2015	23 Jul 2015 to 22 Jan 2016	Cancelled
	GW-RS0671-15	18 Jun 2015	20 Jun 2015 to 17 Dec 2015	Valid
	GW-RS0869-15	13 Aug 2015	15 Aug 2015 to 12 Feb 2016	Valid
	GW-RS0909-15	21 Aug 2015	21 Aug 2015 to 20 Feb 2016	Valid
	GW-RS1036-15	22 Sep 2015	24 Sep 2015 to 23 Mar 2016	Valid
	GW-RS1189-15	06 Nov 2015	09 Nov 2015 to 08 Dec 2015	Valid
Water Discharge License	WT00010093-2011	17 Aug 2012	30 Sep 2016	Valid
	WT00010865-2011	03 Nov 2011	30 Nov 2016	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.3)	19 May 2014
Condition 2.9	Noise Management Plan (Rev.4)	2 Feb 2015

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-09/364/2009/B 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 March 2013	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	8 Mar 2013	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-RS0838-15	31 Jul 2015	3 Aug 2015 to 02 Feb 2016	Valid
	GW-RS0976-15	7 Sep 2015	23 Sep 2015 to 22 Mar 2016	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-09/364/2009/B

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 July 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 works	GW-RS0620-15	11 Jun 2015	11 Jun 2015 to 10 Dec 2015	Cancelled
	GW-RS0811-15	24 Jul 2015	29 Jul 2015 to 28 Jan 2016	Cancelled
	GW-RS0972-15	08 Sep 2015	09 Sep 2015 to 08 Mar 2016	Valid
	GW-RW0238-15	19 May 2015	21 May 2015 to 17 Nov 2015	Expired
	GW-RS0531-15	18 May 2015	18 May 2015 to 17 Nov 2015	Expired
	GW-RS0765-15	13 Jul 2015	13 July 2015 to 12 Jan 2016	Valid

Permits and/or Licences	Reference No.	Issued Date	Valid Period/ Expiry Date	Status
	GW-RS0920-15	26 Aug 2015	28 Aug 2015 to 24 Feb 2016	Valid
	GW-RS0938-15	26 Aug 2015	28 Aug 2015 to 24 Feb 2016	Valid
	GW-RS1039-15	23 Sep 2015	23 Sep 2015 to 21 Mar 2016	Cancelled
	GW-RS1061-15	30 Sep 2015	02 Oct 2015 to 31 Mar 2016	Cancelled
	GW-RS1063-15	30 Sep 2015	02 Oct 2015 to 31 Mar 2016	Cancelled
	GW-RS1137-15	22 Oct 2015	22 Oct 2015 to 21 Apr 2016	Valid
	GW-RS1141-15	20 Oct 2015	22 Oct 2015 to 21 Apr 2016	Valid
	GW-RS1145-15	20 Oct 2015	22 Oct 2015 to 21 Apr 2016	Valid
	GW-RS1262-15	17 Nov 2015	18 Nov 2015 to 16 May 2016	Valid
	GW-RS1282-15	25 Nov 2015	25 Nov 2015 to 24 May 2016	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/B

3.1.13 The current status on licenses and/or permits on environmental protection pertinent and submission under FEP-11/364/2009/B 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
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	21 May 2014	N/A	Valid
	5213-151-L2837-02	09 Oct 2015	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-RS-0431-15	20 Apr 2015	20 Apr 2015 to 22 Oct 2015	Cancelled
	GW-RS-0529-15	19 May 2015	19 May 2015 to 17 Nov 2015	Expired
	GW-RS-0678-15	19 June 2015	26 Jun 2015 to 25 Dec 2015	Valid
	GW-RS0738-15	06 July 2015	07 July 2015 to 31 Dec 2015	Valid
	GW-RS0758-15	07 July 2015	08 July 2015 to 31 Dec 2015	Valid
	GW-RS0856-15	10 Aug 2015	27 Aug 2015 to 26 Feb 2016	Valid
	GW-RS1235-15	12 Nov 2015	18 Nov 2015 to 30 Apr 2016	Valid
Water Discharge Licence	WT00020242-2014	04 Nov 2014	30 Nov 2019	Valid
	WT00020246-2015	15 Jul 2015	31 Jul 2019	Valid

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

EP Condition	Submission	Date of Submission
Condition 2.9	Noise Management Plan (Rev.2)	27 Jan 2015
Condition 2.14	Landscape Plan (Rev.2)	18 Feb 2015
Condition 2.13	Operational Air Quality Management Plan for West Ventilation Building (Rev.0)	25 Nov 2014
Condition 2.13	Operational Air Quality Management Plan for East Ventilation Building and East Vent Shaft (Rev.0)	18 Feb 2015

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	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**.

5.0 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 One limit level exceedance was recorded at M1a- Harbour Road Sports Centre on 24 November 2015 in this reporting month.

5.1.7 Breaking works at Ex- Wan Chai Swimming Pool (adjacent to Harbour Road Sports Centre directly opposite to the monitoring station) under non WDII-CWB Contractor was observed as the major noise contribution during monitoring. As such, the exceedance was considered as non-Project related.

5.1.8 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

5.1.9 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

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

5.1.11 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

5.1.12 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

5.1.13 No limit level exceedances were recorded at monitoring station M6 - HK Baptist Church Henrietta Secondary School in this reporting month.

5.1.14 Noise monitoring results measured in this reporting period are reviewed and summarized. Details of noise monitoring results and graphical presentation can be referred in **Appendix 5.2**. Details of the Notification of Exceedance can be referred in **Appendix 6.2**.

Contract no. HY/2010/08 – Central-Wanchai Bypass –Wanchai Bypass Tunnel (Slip Raod 8 Section) under FEP-09/364/2009/B

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

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

Station	Description
M3a	Tung Lo Wan Fire Station

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

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

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

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

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

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

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

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

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

5.2 Real Time Noise Monitoring Results

- 5.2.1. As confirmed by CWB RSS, the IECL parapet removal operations and associated construction work was commenced in June 2013. Liaison was conducted with HK Baptist Church Henrietta Secondary School, Po Leung Kuk Yu Lee Mo Fan Memorial School and Causeway Bay Community Centre regarding the set up of RTN3 real time noise monitoring station.
- 5.2.2. Causeway Bay Community Centre has granted permission for set up on 21 Dec 2012 and station set up was performed on 27 Dec 2012. 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.
- 5.2.3. Real time noise monitoring at RTN4-Causeway Bay Community Centre was commenced on 13 Jan 2013.
- 5.2.4. Po Leung Kuk Yu Lee Mo Fan Memorial School granted permission for set up on 4 Sep 2012 and station 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.
- 5.2.5. Real time noise monitoring at RTN3 – Po Leung Kuk Yu Lee Mo Fan Memorial School was commenced since 06 Oct 2012.
- 5.2.6. Oil Street Community Liaison Centre was confirmed to be demolished in mid-October by CWB RSS. This presented a need for relocation of RTN2 – Oil Street Community Liaison Centre. After liaison with Hong Kong Electric, permission was granted on 21 Sep 2012 for real time noise monitoring set up at City Garden Electric Centre (RTN2a – Electric Centre), which is a representative of the noise sensitive receiver City Garden.
- 5.2.7. 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 Electric Centre from 4 December 2009 to 17 December 2009.
- 5.2.8. Real-time noise monitoring station RTN1-FEHD Whitfield Depot was finely adjusted from 2/F to roof-top at FEHD Whitfield Depot on 24 June 2013 with respect to the commencement of advance works for IEC parapet demolition.

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

5.2.9. 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	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.*

- 5.2.10. No limit level exceedance was recorded at RTN1-FEHD Hong Kong Transport Section Whitfield Depot in the reporting month.
- 5.2.11. Limit level exceedance was recorded at RTN2a-Electric Centre on 14 November 2015 during daytime in the reporting month. On 14 November 2015, pre-bored piling works was undertaken by Contract HY/2009/19 while mitigation measures including erection of temporary noise barrier was in place. In addition, cooling pipe removal works with saw cutting for Hong Kong Electric Centre was conducted at the roof top by non-CWB Contractor immediately next to the noise monitoring station. In view of the mitigation measures implemented and the non-CWB works conducted next to the monitoring station as major noise contribution, the exceedances were considered as non-Project related.
- 5.2.12. No limit level exceedances were recorded at RTN3-Yue Lee Mo Fan Memorial School during in the reporting month.
- 5.2.13. Limit level exceedances were recorded at RTN4-Causeway Bay Community Centre during daytime on 31 October, 3, 9, and 27 November 2015 in the reporting month. On 31 October and 3 November 2015, only steel fixing and steel mould erection works was undertaken by Contract HY/2009/19 during monitoring and on 9 November 2015, only falsework reinforcement was undertaken by Contract HY/2009/19 while scaffold dismantling and manual handling of material was observed undertaken by non-CWB Contractor at Causeway Bay Community Centre from end to October to mid- November in close proximity to the monitoring station and was considered as the major noise contribution. On 27 November 2015, steel mould installation with crawler crane was undertaken by Contract HY/2009/19 while slotted panel installation involving drilling was conducted at the Causeway Bay Community Centre directly next to the monitoring station by non CWB Contractor and considered as the major noise contribution. As such, the exceedances were considered as non-Project related.

5.2.14. 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

5.2.15. 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/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

** 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.*

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

5.3 Air Quality Monitoring Results

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

5.3.1 Air quality monitoring for the Central Interchange works under contract no. HY/2009/18 was commenced on 21 April 2011. The proposed division of air quality monitoring stations are summarized in **Table 5.8** 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 5.9** 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 5.10** 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 5.11** 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 5.12** 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/C 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 5.13** 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 Road 8 Section) under FEP-09/364/2009/B

- 5.3.19 The commencement of construction works for Contract no. HY/2010/08 under FEP-09/364/2009/B 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 5.14** 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 5.15** below.

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

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

5.3.22 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 5.16**.

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

Waste Type	Quantity this month	Cumulative-to-Date	Disposal / Dumping Grounds
Inert C&D materials disposed, m ³	Nil	106130.58	TKO137, TM38
Inert C&D materials recycled, m ³	4410	91157.53	N/A
Non-inert C&D materials disposed, m ³	568.16	3694.15	SENT Landfill
Non-inert C&D materials recycled, kg	28490	1022816	N/A
Chemical waste disposed, kg	Nil	10380	N/A
Marine Sediment (Type 1 – Open Sea Disposal), m ³	Nil	10375	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 5.17**.

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	22093	456334.412	TKO137 / TM 38
Inert C&D materials recycled, m ³	Nil	46520	N/A
Non-inert C&D materials disposed, m ³	71	2170.317	SENT Landfill
Non-inert C&D materials recycled, m ³	Nil	N/A	N/A
Chemical waste disposed, kg	Nil	18253	SENT Landfill
Marine Sediment (Type 1 – Open Sea Disposal), m ³	Nil	27889	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 5.18**.

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	5341.78	164793.971	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	105.2	3724.406	SENT Landfill
Non-inert C&D materials recycled, ton	Nil	876.21	N/A
Chemical waste disposed, kg	Nil	4440	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 5.19**.

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	20577 Nil	604987.47 251251.3	Tuen Mun Area 38 TKO137 FB
Inert C&D materials recycled, m ³	Nil	358660.77	HY/2009/11 ex-PCWA TS4 /TS2 WDII Lun Ku Tan WENT
Non-inert C&D materials disposed, m ³	151.6	3413.83	SENT 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 5.20**.

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, m ³	1286.67	630249.95	N/A
Inert C&D materials recycled, m ³	Nil	81822.39	N/A
Non-inert C&D materials disposed, m ³	98.61	4036.55	SENT Landfill
Non-inert C&D materials recycled, m ³	Nil	467.41	N/A
Chemical waste disposed, kg	Nil	9.69	N/A
Marine Sediment (Tunnel) (Type-1 Open Sea Disposal), m ³	Nil	20556	South of Cheung Chau
Marine Sediment (Tunnel) (Type 1- Open Sea Disposal (Dedicated Sites) & Type 2 – Confined Marine Disposal), m ³	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-09/364/2009/B

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 5.21**.

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	4564	105420	TKO 137
Inert C&D materials recycled, m ³	1015	35526	N/A
Non-inert C&D materials disposed, m ³	115	855	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

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 5.22**.

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	32138.5 4	374993 389	TM 38 TKO 137
Inert C&D materials recycled, m ³	Nil	Nil	N/A
Non-inert C&D materials disposed, m ³	90	1282	SENT
Non-inert C&D materials recycled, m ³	Nil	Nil	N/A
Chemical waste disposed, kg	Nil	979	N/A

Remarks: The Contractor has clarified the quantity of inert C&D materials disposed (at TKO 137) in Oct 2015 reporting month shall be should be 22 m³ and the quantity of non-inert C&D materials disposed in Oct 2015 should be 220 m³. The Contractor also clarified the amount of inert C&D materials disposed in Sept 2015 should be 505005 m³ and the quantity of inert C&D materials disposed in July 2015 should be 54373 m³. The cumulative amount of inert C&D material disposed has therefore been updated 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-11/364/2009B

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 5.23**.

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	74.44	256.27	CWPF & TKO137
Inert C&D materials recycled, m ³	Nil	Nil	N/A
Non-inert C&D materials disposed, m ³	63.01	436.33	SENT
Non-inert C&D materials recycled, ton	Nil	31.72	N/A
Chemical waste disposed, kg	Nil	3800	N/A

6.0 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. One limit level exceedance was recorded at M1a- Harbour Road Sports Centre on 24 November 2015 in this reporting month.

6.1.3. Breaking works at Ex- Wan Chai Swimming Pool (adjacent to Harbour Road Sports Centre directly opposite to the monitoring station) under non WDII-CWB Contractor was observed as the major noise contribution during monitoring. As such, the exceedance was considered as non-Project related.

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

6.1.4. One limit level exceedance was recorded at M1a- Harbour Road Sports Centre on 24 November 2015 in this reporting month.

6.1.5. Breaking works at Ex- Wan Chai Swimming Pool (adjacent to Harbour Road Sports Centre directly opposite to the monitoring station) under non WDII-CWB Contractor was observed as the major noise contribution during monitoring. As such, the exceedance was considered as non-Project related.

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

6.1.6. 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

6.1.7. No exceedance was recorded in the reporting month.

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

6.1.8. 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-11/364/2009B

6.1.9. 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

- 6.1.10. No limit level exceedance was recorded at RTN1-FEHD Hong Kong Transport Section Whitfield Depot in the reporting month.
- 6.1.11. Limit level exceedance was recorded at RTN2a-Electric Centre on 14 November 2015 during daytime in the reporting month. On 14 November 2015, pre-bored piling works was undertaken by Contract HY/2009/19 while mitigation measures including erection of temporary noise barrier was in place. In addition, cooling pipe removal works with saw cutting for Hong Kong Electric Centre was conducted at the roof top by non-CWB Contractor immediately next to the noise monitoring station. In view of the mitigation measures implemented and the non-CWB works conducted next to the monitoring station as major noise contribution, the exceedances were considered as non-Project related.
- 6.1.12. No limit level exceedances were recorded at RTN3-Yue Lee Mo Fan Memorial School during in the reporting month.
- 6.1.13. Limit level exceedances were recorded at RTN4-Causeway Bay Community Centre during daytime on 31 October, 3, 9, and 27 November 2015 in the reporting month. On 31 October and 3 November 2015, only steel fixing and steel mould erection works was undertaken by Contract HY/2009/19 during monitoring and on 9 November 2015, only falsework reinforcement was undertaken by Contract HY/2009/19 while scaffold dismantling and manual handling of material was observed undertaken by non-CWB Contractor at Causeway Bay Community Centre from end to October to mid- November in close proximity to the monitoring station and was considered as the major noise contribution. On 27 November 2015, steel mould installation with crawler crane was undertaken by Contract HY/2009/19 while slotted panel installation involving drilling was conducted at the Causeway Bay Community Centre directly next to the monitoring station by non CWB Contractor and considered as the major noise contribution. As such, the exceedances were considered 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-11/364/2009B

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

6.2 Air Quality Monitoring

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

6.2.1. No exceedance was recorded in the reporting month.

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

6.2.2. 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-09/364/2009/B

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-11/364/2009B

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

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

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

7.0 CUMULATIVE CONSTRUCTION IMPACT DUE TO THE CONCURRENT PROJECTS

- 7.0.1. According to Condition 3.4 of the EP-364/2009/C, 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 caisson seawall installation, ELS works, road works and drainage works and Road P1 pedestrian road reinstatement were performed in November 2015 reporting month. As no project related exceedance were recorded during the reporting period, cumulative construction impact due to the concurrent activities of the current projects with the Central Reclamation Phase III (CRIII) was considered as insignificant.
- 7.0.4. According to the construction programme of Wan Chai Development Phase II, Central-Wan Chai Bypass and Island Eastern Corridor Link projects, the major construction activities under Wan Chai Development Phase II were tunnel works, ELS works and road works at Wan Chai East and caisson installation, D-wall construction and ELS works at Wan Chai West. The major construction activities under Central-Wan Chai Bypass and Island Eastern Corridor Link Projects were bridge construction and road works at Central Interchange, ELS works at Ex-PCWAW, ELS works and retaining wall construction at Victoria Park; D- wall construction, ELS works and tunnel works at TS3; IEC demolition 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 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.

8.0 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. Four site inspections for Contract no. HY/2009/15 was carried out during this reporting period. The results of these inspections and outcomes are summarized in **Table 8.1**.

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

Item	Date	Observations	Action taken by Contractor	Completion date
151110_1	10-Nov-2015	Chemical containers shall be store properly with the use of drip tray (EX-PCWA ELS)	Chemical waste container was removed	Completed as observed on 17 November 2015
151110_2	10-Nov-2015	Damage silt curtain shall be repair and maintain properly (EX-PCWA South)	Damaged silt curtain was repaired	Completed as observed on 17 November 2015
151124_1	24-Nov-2015	Effluent from construction site shall be properly collected and direct to water treatment plant prior to discharge as per water discharge licence condition (EX-PCWAW North drain)	Additional collection point was provided for collection of site effluent	Completion as observed on 2 Dec 2015

8.0.3. Five site inspections for Contract no. HY/2009/18 was carried out during this reporting period. The results of these inspections and outcomes are summarized in **Table 8.2**.

Table 8.2 Summary of Environmental Inspections for Contract no. HY/2009/18

Item	Date	Observations	Action taken by Contractor	Completion date
151029_1	29-Oct-15	Covering shall be provided to stockpile and cement bags stored on-site (P1 Road)	Stockpile was removed and cement bags was covered properly	Completion as observed on 5 Nov 2015
151105_1	5-Nov-15	Muddy water shall be treated properly before discharge (Area opposite to Four Seasons Hotel)	Water treatment plant was provided	Completion as observed on 12 Nov 2015
151126_1	26-Nov-15	Drip tray shall be provided to chemical containers (P1 Road, Gate 6, Area opposite to Four Seasons Hotel)	Chemical wastes has cleared and disposed.	Completion as observed on 3 Dec 2015

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

8.0.5. Four site inspections for Contract no. HK/2009/01 was carried out during this reporting period. The results of these inspections and outcomes are summarized in **Table 8.4**

Table 8.4 Summary of Environmental Inspections for Contract no. HK/2009/01

Item	Date	Observations	Action taken by Contractor	Completion date
150930_01	30-Sep-15	Drip tray shall be provided for oil container at outfall.	Oil container has been removed and disposed.	Completion as observed on 7 October 2015
151014_01	14-Oct-15	Drip tray shall be provided for oil container at Stage 1	Drip tray was provided for oil container at Stage 1.	Completion as observed on 22 Oct 2015

8.0.6. Four site inspections for Contract no. HK/2009/02 was carried out during this reporting period. No observation was found in the reporting month. 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
150930_01	30-Sep-15	Silt curtain around RW21-P789 shall properly maintain to ensure it has extended to seabed level	Silt curtain at RW21-P789 has deployed and properly maintained.	Completion as observed on 15 October 2015
151008_01	8-Oct-15	Additional bunds and sandbags shall be provided at the gap to prevent any potential runoff into the sea at WCR2	Bunds has been provided at the gap and location that may have potential runoff at WCR2.	Completion as observed on 15 October 2015

8.0.7. Four site inspection for Contract no. HK/2012/08 was 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
150929_01	29-Sep-15	Oil container shall be properly handled with the provision of drip tray	Drip tray was provided for oil container.	Completion as observed on 6 October 2015

150929_02	29-Sep-15	Cleaning at gate exit shall implement properly to avoid any muddy materials on the public road and muddy discharge to nearby storm water drainage	Cleaning at gate exit was properly implemented and wheel washing was conducted effectively that no muddy discharge or material was observed on the public road.	Completion as observed on 27 October 2015.
151013_01	13-Oct-15	Floating refuse at HKCEC2W area shall be collected at regular interval	Floating refuse was cleared.	Completion as observed on 20 October 2015
151020_01	20-Oct-15	Provision of sandbags and cleaning of soft material on site near the existing caisson seawall next to Zone D shall be implemented to prevent any potential contaminated runoff into the sea.	The soft material on site was cleaned and bunds were constructed to prevent any further runoff impact into the sea.	Completion as observed on 27 October 2015.
151027_01	27-Oct-15	Breaker shall be covered with acoustic material to mitigate construction noise at Zone B.	Breaker was relocated and did not operate at Zone B.	Completion as observed on 3 November 2015.
151027_02	27-Oct-15	Drip tray shall be provided for oil container at Portion 1A.	Oil container were removed and disposed at Portion 1A.	Completion as observed on 3 November 2015.

8.0.8. Four site inspection for Contract no. HY/2010/08 was 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
151029_1	29-Oct-15	Provide drip tray to chemical container (TS3)	The chemical container was removed	Completion as observed on 5 November 2015
151029_2	29-Oct-15	Clean the mud resting at the edge of seawall (TS3 North)	Mud residue was removed from the edge of seawall	Completion as observed on 5 November 2015
151029_3	29-Oct-15	Clean the leaked oil as chemical waste properly (TS3)	Leaked oil was removed	Completion as observed on 5 November 2015
151119_1	19-Nov-15	Immediately clean the soil/mud deposited outside the embankment to avoid generation of muddy runoff (TS3 North) and mud resting on seawall block shall be immediately cleaned. Contractor shall take immediate action to clean the soil/mud left on the surface along the seawall boundary and fill and block the void between seawall to avoid contaminated runoff to nearby water (TS3 bear culvert Q)	Mud deposit was cleared and the void of seawall was sealed or blocked.	Completion as observed on 24 November 2015
151119_2	19-Nov-15	All washing effluent generated from basin shall be collected to avoid contaminated runoff and overflow	A collection pit was provided for collection of effluent and diversion of the effluent to treatment plant	Completion as observed on 24 November 2015
151119_3	19-Nov-15	Construction effluent generating from drilling shall be collected and transferred to treatment prior to discharge, muddy water seepage through seawall void shall be blocked (TS3 West)	Wastewater treatment tank and collection pit was provided for collection of effluent	Completion as observed on 24 November 2015

151119_4	19-Nov-15	Effluent generated from washing sink basin shall not be connected to discharge pipe, of shall be diverted to a proper collection point or pit for treatment before discharge (TS3 West)	Concerned washing basin was disconnected and all piping return to collection pit	Completion as observed on 26 November 2015
151119_5	19-Nov-15	Piping connected to the bottom of the treatment tank for de-silting shall be directly connected to marine water and shall be disconnected immediately (TS3 West wastewater treatment)	The concerned piping from the treatment was disconnected and the connection point was blocked	Completion as observed on 24 November 2015
151119_6	19-Nov-15	Tarpaulin sheet with sufficient coverage shall be provided for excavated material transfer from land to barge to prevent drop off. Mud residue resting at the edge of barge to prevent drop off (TS3 North)	Tarpauling with sufficient coverage was provided at the proper position for excavated material transfer	Completion as observed on 24 November 2015
151119_7	19-Nov-15	Three side and top cover shall be provided to grouting station(TS3)	Three side and top cover was provided to grouting station	Completion as observed on 26 November 2015
151124_1	24-Nov-15	The tarpaulin sheet provided between barge and land shall be adjusted to cover the track of grab of material transfer (TS3 North)	The positioning of the tarpauling sheet was adjusted to prevent drop of the excavated material.	Completion as observed on 26 November 2015
151124_2	24-Nov-15	Review the adequacy of the temporary holding tank and block the opening to avoid overflow directly into nearby water via seawall gap	The water holding tank and water flow was rearranged to avoid potential overflow	Completion as observed on 26 November 2015
151126_1	26-Nov-15	The three sides and top cover of the grouting station shall be tightened to avoid gap and avoid dust impact caused to the surroundings (TS3)	Grouting operation was suspended	Completion as observed on 03 December 2015
151126_2	26-Nov-15	The contractor shall critically review the mud/soil transfer carried out between the land and barge to avoid drop of near the edge of seawall and side of barge and ensure the sufficient coverage of tarpaulin sheet. The mud resting of the edge of seawall and barge shall be cleared immediately (TS3)	Pending for Contractor follow up action	Pending for Contractor follow up action

151126_3	26-Nov-15	Watering shall be provided to breaking works (TS3)	Breaking work was observed completed with no further dust impact	Completion as observed on 02 December 2015
151126_4	26-Nov-15	The mixing of cement at mud pit shall be reviewed to avoid generation of dust impact (TS3)	Enhance watering was provided for mixing	Completion as observed on 02 December 2015
151126_5	26-Nov-15	Damaged hoarding barrier shall be repaired (Victoria Park)	Damaged barrier was repaired	Completion as observed on 02 December 2015
151126_6	26-Nov-15	Review the operation of waste water treatment tank to avoid turbid discharge (TS3)	No further turbid discharge was observed	Completion as observed on 02 December 2015

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

9.0 COMPLAINTS, NOTIFICATION OF SUMMONS AND PROSECUTION

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

9.0.2. First public complaint regarding illegal disposal of construction waste referred by EPD was received by ET on 17 November 2015. The complainant reported that a) over 10,000 m³ of bentonite after usage for construction of diaphragm wall was disposed of at Victoria Harbour, b) 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, c) 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, d) White or greyish effluent was discharged directly into Victoria Harbour marine waters from wastewater treatment plant on construction site.

Interim investigation report was submitted to EPD on 24 November 2015. Due to further investigation undertaken, further information and investigation summary shall be further included in December reporting month.

9.0.3. Second 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.

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.

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.

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.

9.0.4. The details of cumulative complaint log and updated summary of complaints are presented in **Appendix 9.1**

9.0.5. Cumulative statistic on complaints and successful prosecutions are summarized in **Table 9.1** and **Table 9.2** respectively.

Table 9.1 Cumulative Statistics on Complaints

Reporting Period	No. of Complaints
November 2015	2
September 2010 – October 2015	49
Total	51

Table 9.2 Cumulative Statistics on Successful Prosecutions

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

10 CONCLUSION

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

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

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

Contract No.	Key Construction Works	Recommended Mitigation Measures
HY/2009/15	<ul style="list-style-type: none"> • Construction of roadside barrier at Mined Tunnel • Excavation and RC structure works at TPCWAW • Remaining works inside tunnel at TS4 and TPCWAE • Removal of standby dewatering System and monitoring instrument along Hung Hing road • Removal of Standby dewatering System at Hung Hing Road 	<ul style="list-style-type: none"> • Dust control during dust generating activities • Provide protection works and adequate drainage system to ensure no direct discharge into public drainage system or the nearby water.
HY/2009/18	<ul style="list-style-type: none"> • Drainage works • Road works • Bridges construction 	<ul style="list-style-type: none"> • Noise level shall be controlled by reducing the breaking operation rate. • Dust control during dust generating activities • Provide protection works to ensure no runoff out of site area or direct discharge into public drainage system. • Appropriate measures should be taken to ensure adequate protections are provided for trees being transplanted.

<p>HY/2009/19</p>	<ul style="list-style-type: none"> • Pier construction for IEC • Construction of EVB and APS structure • Column modification at F1 to F8 • Demolition of IEC west bound deck/crosshead/column/pile cap • Bridge E deck construction • Watson Road laying of new water pipe • Oil Street drainage works • Excavation / Construction of retaining wall/Approach Ramp/ADB • Bridge segment erections • Pre-bored H-pile for Approach Ramp • Hing Fat Street modification works • Bridge TA2 demolition • Abutment D12 construction 	<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"> • Stage 1 & 2 Backfilling works at CWB Tunnel top slab • Stage 2 Construction of slip road 2 and 3 • Stage 3 RC structure for CWB Tunnel Bay 18 to 20 • Removal of abandoned cooling main (P7/P9) at Convention Avenue • Reinstatement of outfall • Reinstatement of triangular planter at Fenwick Pier Street • Roadworks /drains for Expo Drive East • Stage 4 ELS 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

<p>HK/2009/02</p>	<ul style="list-style-type: none"> • Removal of stockpile of material and clearance works was on going at OHVD at Tunnel Portion 1. • Construction of road side barriers • Backfilling works and access shaft construction • Construction of road side barriers • Cutting the top part of diaphragm wall • Continue strut layer S5 lateral support installation at east sides • Continue and complete excavation for layer S6 at both sides • Commence and continue breaking through bulkhead wall BW3 • Start strut layer S6 lateral support installation • Start pouring blinding layer concrete at portion 3 	<ul style="list-style-type: none"> • Dust control during dust generating works • Provision of protection to ensure no runoff out of site area or direct discharge into public drainage system.
<p>HK/2012/08</p>	<ul style="list-style-type: none"> • Diaphragm wall construction • Grouting • Construction of MVB • Pre-bored H-pile construction • Construction of concrete plug • Excavation and lateral support installation 	<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, • Sheet piling works, • Excavation and Lateral Support for U-structure, • Pipe piling & grouting works, • Utility diversion works, • Retaining wall works • Reprovisional of Bowling Green, • ELS works, • Diaphragm Wall, Barrette construction and king post installation works • D-wall drill cutting works • Construction works for subway extension 	<ul style="list-style-type: none"> • Dust control during dust generating works • 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"> • West Ventilation Building Construction • East Ventilation Shaft Construction • Install VE panels bracket and thermal barrier for Tunnel 	<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.

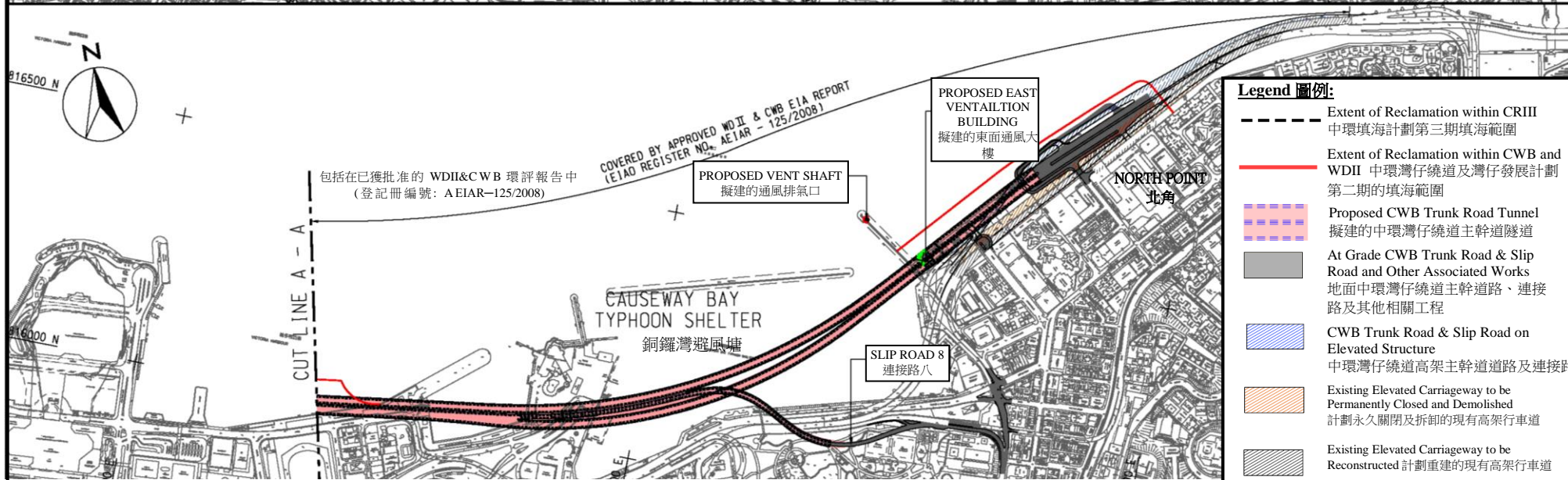
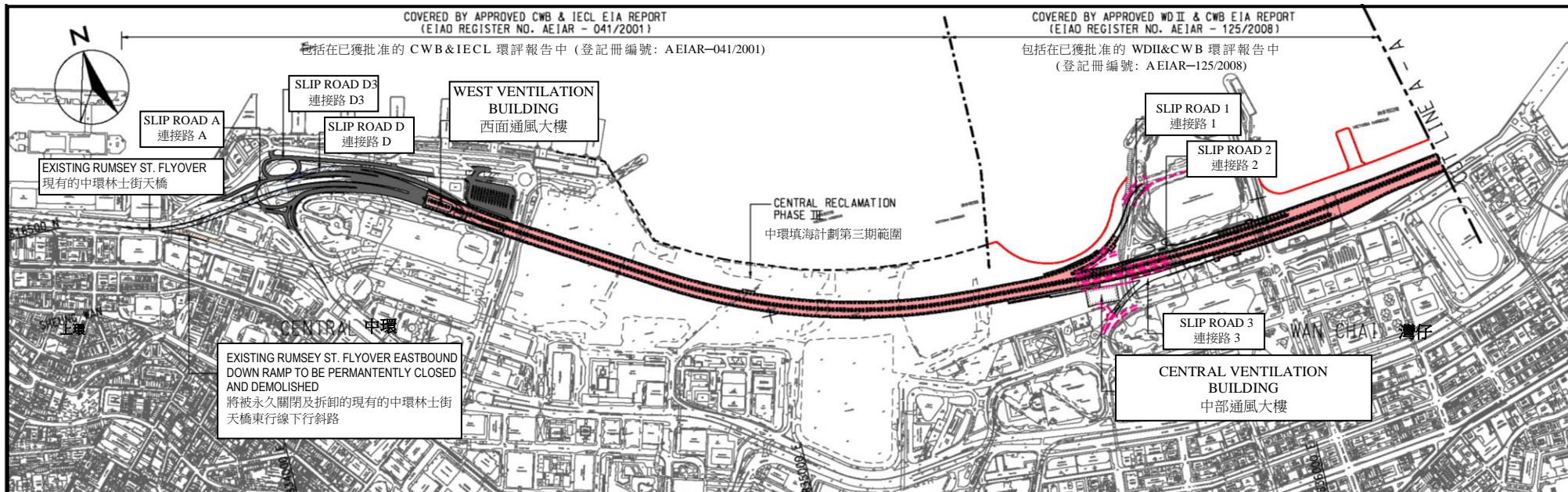
10.0.4. The construction works of Contract no. HY/2009/17 - Advance piling works at Whitfield Depot under FEP-03/264/2009 was completed, and the FEP was surrendered by the Contractor and found in order by EPD on 25 April 2013.

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/C
 環境許可證編號: EP-364/2009/C

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

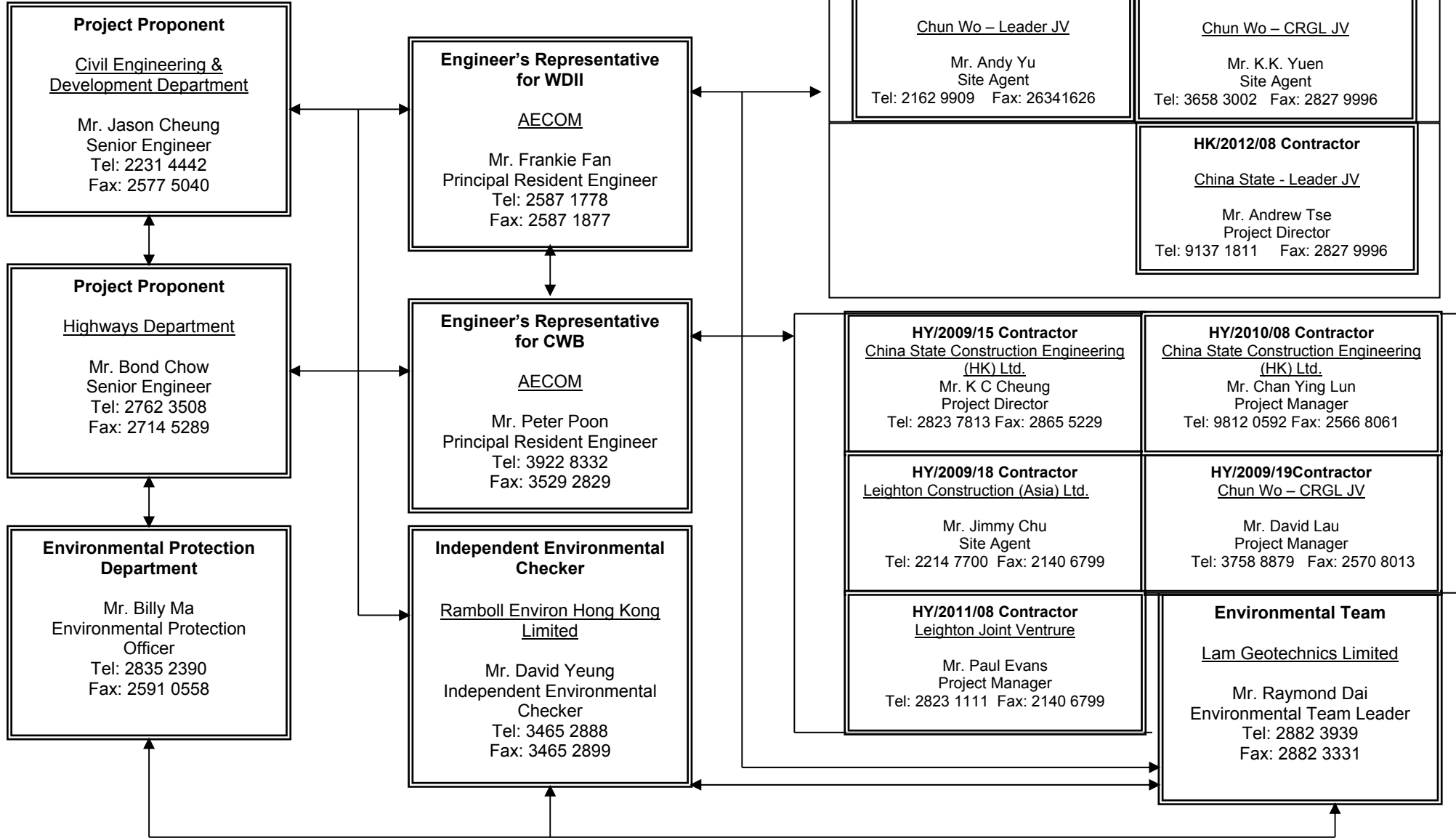


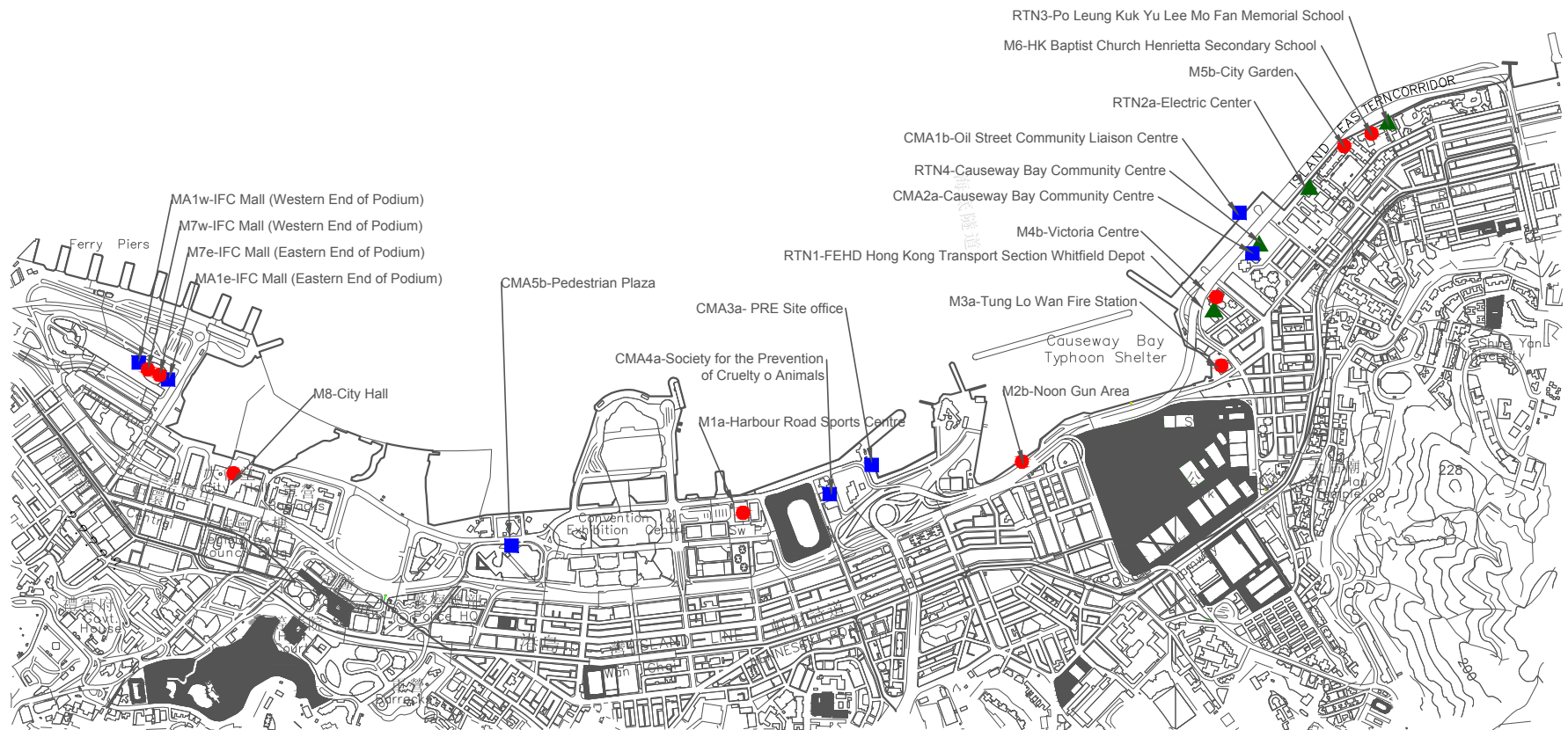


Figure 4.1

Locations of Monitoring Stations

Legend

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



LOCATIONS OF ENVIRONMENTAL 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	
	For Future/Planned NSRs <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. 	In between the Electric Centre (next to City Garden) and CDA(1) site / Before occupation of Planned NSRs in CDA and CDA(1) sites. Near Causeway Bay Fire Station / During detailed design of the re-provisioned Tin Hau Temple	HyD Project Proponent for the re-provisioned Tin Hau Temple	√	√ #			

* 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 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.: 14CA1213 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: 13-Dec-2014

Date of test: 13-Dec-2014

Reference equipment used in the calibration

Description:	Model:	Serial No.	Expiry Date:	Traceable to:
Multi function sound calibrator	B&K 4226	2288444	20-Jun-2015	CIGISMEC
Signal generator	DS 360	33873	09-Apr-2015	CEPREI
Signal generator	DS 360	61227	09-Apr-2015	CEPREI

Ambient conditions

Temperature: 21 ± 1 °C
Relative humidity: 60 ± 5 %
Air pressure: 1010 ± 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 Min/Feng Jun Qi

Date: 15-Dec-2014

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.: 14CA1213 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	
Frequency weightings	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:		Checked by:	
Date:	Fung Chi Yip 13-Dec-2014	Date:	Lam Tze Wai 15-Dec-2014

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.: 15CA0528 04-03

Page: 1 of 2

Item tested

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

Item submitted by

Customer: Lam Geotechnics Ltd.
Address of Customer: -
Request No.: -
Date of receipt: 28-May-2015

Date of test: 30-May-2015

Reference equipment used in the calibration

Description:	Model:	Serial No.	Expiry Date:	Traceable to:
Lab standard microphone	B&K 4180	2341427	15-Apr-2016	SCL
Preamplifier	B&K 2673	2239857	22-Apr-2016	CEPREI
Measuring amplifier	B&K 2610	2346941	22-Apr-2016	CEPREI
Signal generator	DS 360	61227	16-Apr-2016	CEPREI
Digital multi-meter	34401A	US36087050	17-Apr-2016	CEPREI
Audio analyzer	8903B	GB41300350	17-Apr-2016	CEPREI
Universal counter	53132A	MY40003662	16-Apr-2016	CEPREI

Ambient conditions

Temperature: 21 ± 1 °C
Relative humidity: 60 ± 10 %
Air pressure: 1000 ± 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: 01-Jun-2015

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.: 15CA0528 04-03

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 µPa)
			Estimated Expanded Uncertainty dB
1000	94.00	94.06	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 = 966.3 Hz**

Estimated expanded uncertainty 0.1 Hz Coverage factor k = 2.2

4, Total Noise and Distortion

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

At 1000 Hz **TND = 0.5 %**

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:

Date: 30-May-2015

Fung Chi Yip

Checked by:

Date: 01-Jun-2015

Lam Tze Wai

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



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

ORIFICE TRANSFER STANDARD CERTIFICATION WORKSHEET TE-5025A

Date - Jun 30, 2015 Rootsmeter S/N 0438320 Ta (K) - 296
 Operator Tisch Orifice I.D. - 0005 Pa (mm) - 749.3

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	1.3930	3.2	2.00
2	NA	NA	1.00	0.9800	6.4	4.00
3	NA	NA	1.00	0.8790	7.9	5.00
4	NA	NA	1.00	0.8350	8.7	5.50
5	NA	NA	1.00	0.6900	12.7	8.00

DATA TABULATION

Vstd	(x axis) Qstd	(y axis)	Va	(x axis) Qa	(y axis)
0.9883	0.7095	1.4090	0.9957	0.7148	0.8889
0.9841	1.0042	1.9926	0.9915	1.0117	1.2570
0.9820	1.1172	2.2278	0.9894	1.1256	1.4054
0.9810	1.1749	2.3365	0.9884	1.1837	1.4740
0.9757	1.4141	2.8179	0.9830	1.4247	1.7777
Qstd slope (m) = 2.00072			Qa slope (m) = 1.25282		
intercept (b) = -0.01209			intercept (b) = -0.00763		
coefficient (r) = 0.99995			coefficient (r) = 0.99995		
y axis = SQRT[H2O(Pa/760) (298/Ta)]			y axis = SQRT[H2O(Ta/Pa)]		

CALCULATIONS

Vstd = Diff. Vol [(Pa-Diff. Hg)/760] (298/Ta)
 Qstd = Vstd/Time

Va = Diff Vol [(Pa-Diff Hg)/Pa]
 Qa = Va/Time

For subsequent flow rate calculations:

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



Lam Geotechnics Limited

Calibration Data for High Volume Sampler (TSP Sampler)

Location : CMA1b Calibration Date : 2-Oct-15
 Equipment no. : EL452 Calibration Due Date : 2-Dec-15

CALIBRATION OF CONTINUOUS FLOW RECORDER

Ambient Condition			
Temperature, T _a	301	Kelvin	Pressure, P _a
			1012 mmHg

Orifice Transfer Standard Information					
Equipment No.	EL086	Slope, m _c	2.00072	Intercept, b _c	-0.01209
Last Calibration Date	30-Jun-15	$(H \times P_a / 1013.3 \times 298 / T_a)^{1/2}$ $= m_c \times Q_{std} + b_c$			
Next Calibration Date	30-Jun-16				

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	5.8	5.8	11.6	1.6988	58	57.6732
2	4.2	4.2	8.4	1.4465	52	51.7070
3	3.6	3.6	7.2	1.3396	45	44.7465
4	2.3	2.3	4.6	1.0720	36	35.7972
5	1.4	1.4	2.8	0.8377	28	27.8422

By Linear Regression of Y on X

Slope, m = 35.6958 Intercept, b = -2.0989
 Correlation Coefficient* = 0.9943
 Calibration Accepted = Yes/No**

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

** Delete as appropriate.

Remarks : _____

Calibrated by : Kit Au Checked by : Derek Lo
 Date : 2-Oct-15 Date : 2-Oct-15



Lam Geotechnics Limited

Calibration Data for High Volume Sampler (TSP Sampler)

Location : CMA2a Calibration Date : 2-Oct-15
 Equipment no. : EL449 Calibration Due Date : 2-Dec-15

CALIBRATION OF CONTINUOUS FLOW RECORDER

Ambient Condition			
Temperature, T _a	301	Kelvin	Pressure, P _a
			1012 mmHg

Orifice Transfer Standard Information					
Equipment No.	EL086	Slope, m _c	2.00072	Intercept, b _c	-0.01209
Last Calibration Date	30-Jun-15	$\left(\frac{H \times P_a}{1013.3 \times 298 / T_a} \right)^{1/2}$ $= m_c \times Q_{std} + b_c$			
Next Calibration Date	30-Jun-16				

Calibration of TSP						
Calibration Point	Manometer Reading			Q _{std} (m ³ / min.) X-axis	Continuous Flow Recorder, W (CFM)	IC Y-axis
	H (inches of water)					
	(up)	(down)	(difference)			$(W(P_a/1013.3 \times 298/T_a)^{1/2}/35.31)$
1	5.7	5.7	11.4	1.6841	58	57.6732
2	4.5	4.5	9.0	1.4971	50	49.7183
3	3.4	3.4	6.8	1.3021	42	41.7634
4	2.4	2.4	4.8	1.0949	38	37.7859
5	1.5	1.5	3.0	0.8669	30	29.8310

By Linear Regression of Y on X

Slope, m = 33.0986 Intercept, b = 0.6900

Correlation Coefficient* = 0.9926

Calibration Accepted = Yes/No**

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

** Delete as appropriate.

Remarks : _____

Calibrated by : Kit Au Checked by : Derek Lo
 Date : 2-Oct-15 Date : 2-Oct-15



Lam Geotechnics Limited

Calibration Data for High Volume Sampler (TSP Sampler)

Location : CMA3a Calibration Date : 2-Oct-15
 Equipment no. : EL333 Calibration Due Date : 2-Dec-15

CALIBRATION OF CONTINUOUS FLOW RECORDER

Ambient Condition			
Temperature, T _a	301	Kelvin	Pressure, P _a
			1012 mmHg

Orifice Transfer Standard Information			
Equipment No.	EL086	Slope, m _c	2.00072
		Intercept, b _c	-0.01209
Last Calibration Date	30-Jun-15	$(H \times P_a / 1013.3 \times 298 / T_a)^{1/2}$ $= m_c \times Q_{std} + b_c$	
Next Calibration Date	30-Jun-16		

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	5.5	5.5	11.0	1.6544	54	53.6957
2	4.3	4.3	8.6	1.4635	48	47.7296
3	3.3	3.3	6.6	1.2829	44	43.7521
4	2.3	2.3	4.6	1.0720	38	37.7859
5	1.4	1.4	2.8	0.8377	32	31.8197

By Linear Regression of Y on X

Slope, m = 26.5104 Intercept, b = 9.4978
 Correlation Coefficient* = 0.9991
 Calibration Accepted = Yes/No**

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

** Delete as appropriate.

Remarks : _____

Calibrated by : Kit Au Checked by : Derek Lo
 Date : 2-Oct-15 Date : 2-Oct-15



Lam Geotechnics Limited

Calibration Data for High Volume Sampler (TSP Sampler)

Location : CMA4a Calibration Date : 2-Oct-15
 Equipment no. : EL390 Calibration Due Date : 2-Dec-15

CALIBRATION OF CONTINUOUS FLOW RECORDER

Ambient Condition			
Temperature, T _a	301	Kelvin	Pressure, P _a
			1012 mmHg

Orifice Transfer Standard Information					
Equipment No.	EL086	Slope, m _c	2.00072	Intercept, b _c	-0.01209
Last Calibration Date	30-Jun-15	$(H \times P_a / 1013.3 \times 298 / T_a)^{1/2}$ $= m_c \times Q_{std} + b_c$			
Next Calibration Date	30-Jun-16				

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	6.1	6.1	12.2	1.7420	58	57.6732
2	4.9	4.9	9.8	1.5619	50	49.7183
3	4.0	4.0	8.0	1.4118	44	43.7521
4	2.6	2.6	5.2	1.1394	34	33.8084
5	1.7	1.7	3.4	0.9225	28	27.8422

By Linear Regression of Y on X

Slope, m = 36.4494 Intercept, b = -6.8487
 Correlation Coefficient* = 0.9967
 Calibration Accepted = Yes/No**

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

** Delete as appropriate.

Remarks : _____

Calibrated by : Kit Au Checked by : Derek Lo
 Date : 2-Oct-15 Date : 2-Oct-15



Lam Geotechnics Limited

Calibration Data for High Volume Sampler (TSP Sampler)

Location : CMA5b
 Equipment no. : EL222

Calibration Date : 2-Oct-15
 Calibration Due Date : 2-Dec-15

CALIBRATION OF CONTINUOUS FLOW RECORDER

Ambient Condition			
Temperature, T _a	301	Kelvin	Pressure, P _a
			1012 mmHg

Orifice Transfer Standard Information					
Equipment No.	EL086	Slope, m _c	2.00072	Intercept, b _c	-0.01209
Last Calibration Date	30-Jun-15	$(H \times P_a / 1013.3 \times 298 / T_a)^{1/2}$ $= m_c \times Q_{std} + b_c$			
Next Calibration Date	30-Jun-16				

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	5.8	5.8	11.6	1.6988	60	59.6619
2	4.6	4.6	9.2	1.5135	55	54.6901
3	3.6	3.6	7.2	1.3396	50	49.7183
4	2.4	2.4	4.8	1.0949	42	41.7634
5	1.5	1.5	3.0	0.8669	34	33.8084

By Linear Regression of Y on X

Slope, m = 31.1467 Intercept, b = 7.3520
 Correlation Coefficient* = 0.9986
 Calibration Accepted = Yes/No**

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

** Delete as appropriate.

Remarks : _____

Calibrated by : Kit Au
 Date : 2-Oct-15

Checked by : Derek Lo
 Date : 2-Oct-15



Lam Geotechnics Limited

Calibration Data for High Volume Sampler (TSP Sampler)

Location : MA1e Calibration Date : 2-Oct-15
 Equipment no. : EL455 Calibration Due Date : 2-Dec-15

CALIBRATION OF CONTINUOUS FLOW RECORDER

Ambient Condition			
Temperature, T _a	301	Kelvin	Pressure, P _a
			1012 mmHg

Orifice Transfer Standard Information			
Equipment No.	EL086	Slope, m _c	2.00072
		Intercept, b _c	-0.01209
Last Calibration Date	30-Jun-15	$\left(\frac{H \times P_a}{1013.3 \times 298 / T_a} \right)^{1/2}$ $= m_c \times Q_{std} + b_c$	
Next Calibration Date	30-Jun-16		

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	6.4	6.4	12.8	1.7842	58	57.6732
2	5.5	5.5	11.0	1.6544	52	51.7070
3	4.2	4.2	8.4	1.4465	46	45.7408
4	2.6	2.6	5.2	1.1394	38	37.7859
5	1.6	1.6	3.2	0.8951	30	29.8310

By Linear Regression of Y on X

Slope, m = 30.0584 Intercept, b = 2.9492
 Correlation Coefficient* = 0.9970
 Calibration Accepted = Yes/No**

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

** Delete as appropriate.

Remarks : _____

Calibrated by : Kit Au Checked by : Derek Lo
 Date : 2-Oct-15 Date : 2-Oct-15



Lam Geotechnics Limited

Calibration Data for High Volume Sampler (TSP Sampler)

Location : MA1w Calibration Date : 2-Oct-15
 Equipment no. : EL080 Calibration Due Date : 2-Dec-15

CALIBRATION OF CONTINUOUS FLOW RECORDER

Ambient Condition			
Temperature, T _a	301	Kelvin	Pressure, P _a
			1012 mmHg

Orifice Transfer Standard Information			
Equipment No.	EL086	Slope, m _c	2.00072
		Intercept, b _c	-0.01209
Last Calibration Date	30-Jun-15	$\left(H \times P_a / 1013.3 \times 298 / T_a \right)^{1/2}$ $= m_c \times Q_{std} + b_c$	
Next Calibration Date	30-Jun-16		

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	6.3	6.3	12.6	1.7702	58	57.6732
2	5.1	5.1	10.2	1.5933	50	49.7183
3	4.0	4.0	8.0	1.4118	42	41.7634
4	2.4	2.4	4.8	1.0949	32	31.8197
5	1.5	1.5	3.0	0.8669	25	24.8591

By Linear Regression of Y on X

Slope, m = 35.9011 Intercept, b = -7.2075
 Correlation Coefficient* = 0.9959
 Calibration Accepted = Yes/No**

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

** Delete as appropriate.

Remarks : _____

Calibrated by : Kit Au Checked by : Derek Lo
 Date : 2-Oct-15 Date : 2-Oct-15



Appendix 5.1

Monitoring Schedules for Reporting Month and Coming Reporting Month

Contract No. HK/2011/07
Wan Chai Development Phase II and Central-Wan Chai Bypass
Sampling, Field Measurement and Testing Works (Stage 2)

**Environmental Monitoring Schedule
November 2015**

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			28-Oct	29-Oct	30-Oct	31-Oct
			24hr TSP	1hr TSP		
1-Nov	2-Nov	3-Nov	4-Nov	5-Nov	6-Nov	7-Nov
	Noise (daytime) (M1a, M2b, M8)	Noise (daytime) (M3a, M4b, M5b, M6, M7e, M7w, M8) 24hr TSP	24hr TSP (CMA3a) 1hr TSP			
8-Nov	9-Nov	10-Nov	11-Nov	12-Nov	13-Nov	14-Nov
24hr TSP		Noise (daytime) 1hr TSP				24hr TSP
15-Nov	16-Nov	17-Nov	18-Nov	19-Nov	20-Nov	21-Nov
	Noise (daytime) (M3a, M4b, M7e, M7w, M8) 1hr TSP	Noise (daytime) (M1a, M2b, M5b, M6)			24hr TSP	24hr TSP (CMA5b) 1hr TSP
22-Nov	23-Nov	24-Nov	25-Nov	26-Nov	27-Nov	
		Noise (daytime)		24hr TSP	24hr TSP (CMA2a) 1hr TSP	

Contract No. HK/2011/07
 Wan Chai Development Phase II and Central-Wan Chai Bypass
 Sampling, Field Measurement and Testing Works (Stage 2)

Tentative Environmental Monitoring Schedule
 December 2015

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



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)								
02/11/15	14:45	Fine	74.9	77.0	71.0	72	72	75
10/11/15	11:27	Fine	73.5	75.3	71.5	72	68	75
17/11/15	11:28	Fine	73.2	74.5	71.0	72	66	75
24/11/15	10:25	Fine	87.4	90.5	80.5	72	87	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)								
02/11/15	15:14	Fine	68.9	70.0	66.5	68	63	75
10/11/15	13:00	Fine	70.5	71.3	69.5	68	67	75
17/11/15	13:00	Fine	68.5	69.5	67.5	68	61	75
24/11/15	11:30	Fine	65.2	66.0	64.0	68	65	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)								
03/11/15	8:00	Fine	67.5	68.5	65.5	69	68	75
10/11/15	13:40	Fine	66.8	70.5	64.0	69	67	75
16/11/15	13:58	Fine	66.6	68.0	64.0	69	67	75
24/11/15	13:00	Fine	65.0	66.0	64.0	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)								
03/11/15	8:50	Fine	69.5	71.0	68.0	67	65	75
10/11/15	14:15	Fine	66.3	68.0	63.5	67	66	75
16/11/15	14:37	Fine	67.8	71.0	64.0	67	58	75
24/11/15	13:37	Fine	65.1	67.0	62.5	67	65	75

Location: M5b - City Garden

Date	Time	Weather	Measurement Noise Level			Baseline Level	Construction Noise Level	Limit Level
			Leq	L10	L90	Leq	Leq	Leq
Unit: dB(A), (30min)								
03/11/15	9:50	Fine	70.0	70.5	68.5	68	66	75
10/11/15	14:35	Fine	70.0	70.5	68.5	68	66	75
17/11/15	13:48	Fine	70.6	71.5	68.5	68	67	75
24/11/15	14:18	Fine	69.4	70.0	67.5	68	64	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)								
03/11/15	10:25	Fine	71.2	72.0	69.5	71	62	70
10/11/15	15:33	Fine	70.9	72.0	69.0	71	57	70
17/11/15	14:25	Fine	71.3	72.5	69.5	71	62	70
24/11/15	14:55	Fine	67.6	69.0	65.5	71	68	70



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)								
03/11/15	11:15	Fine	68.0	69.0	67.0	67	62	N/A
10/11/15	8:30	Fine	62.0	63.0	61.0	67	62	N/A
16/11/15	8:25	Fine	67.5	68.5	66.0	67	59	N/A
24/11/15	8:00	Fine	67.0	68.0	65.5	67	54	N/A

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

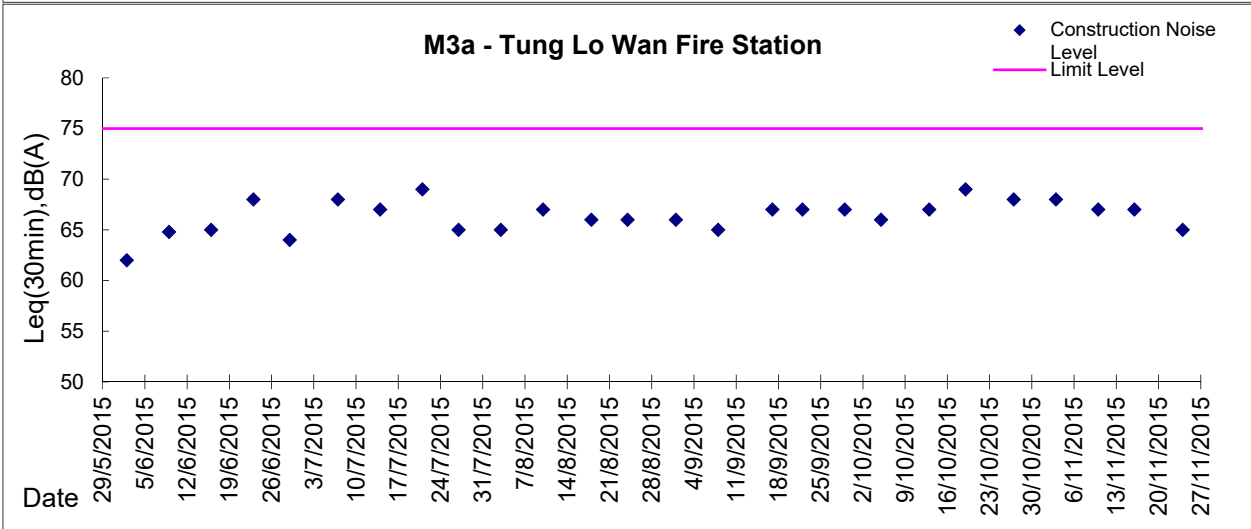
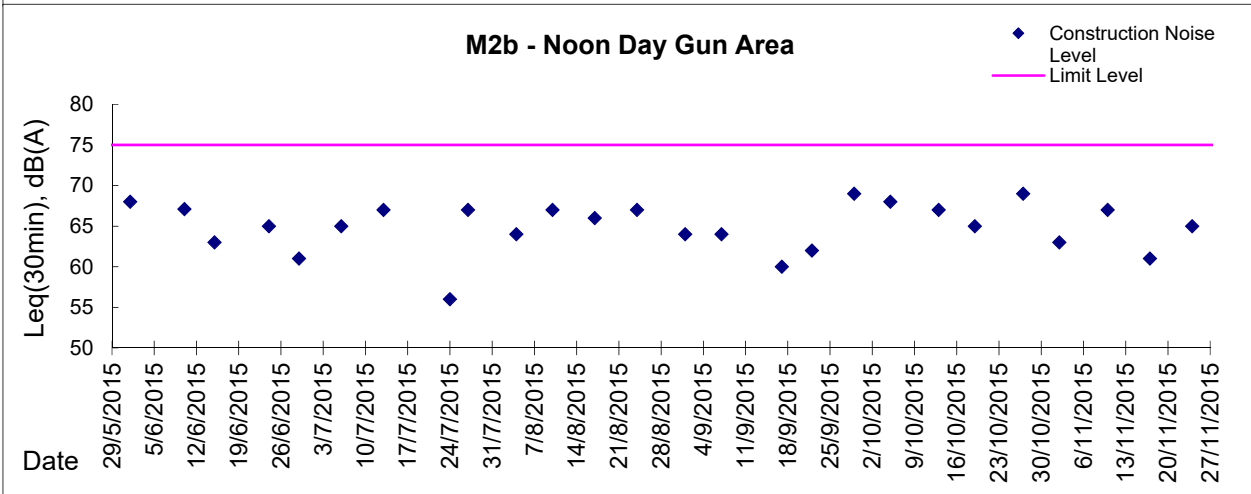
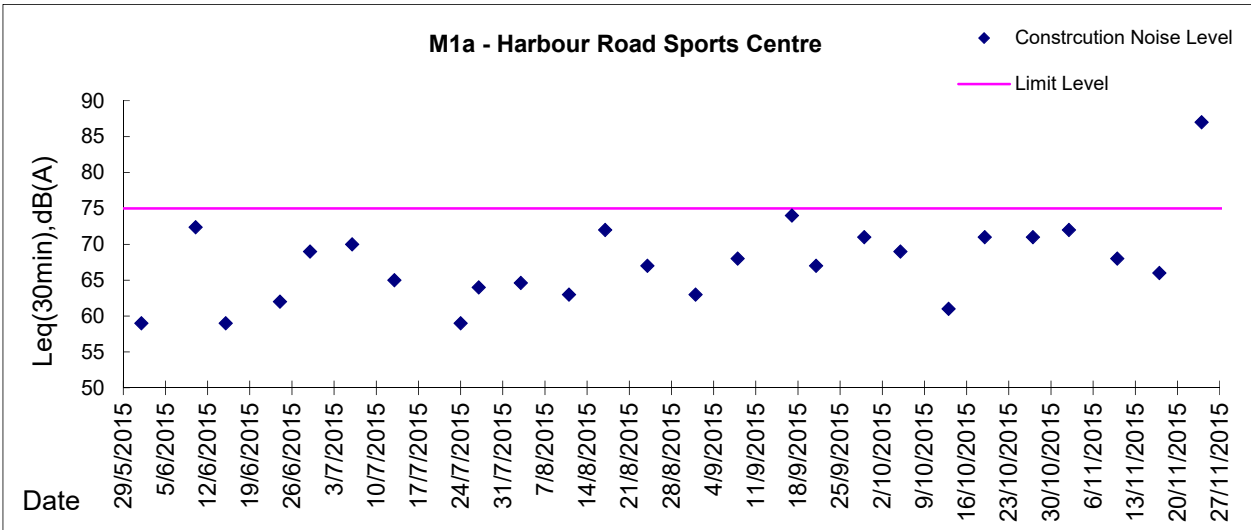
Date	Time	Weather	Measurement Noise Level			Baseline Level	Construction Noise Level	Limit Level
			Leq	L10	L90	Leq	Leq	Leq
Unit: dB(A), (30-min)								
03/11/15	13:00	Fine	66.5	67.0	63.0	69	67	75
10/11/15	9:31	Fine	60.5	61.5	57.5	69	61	75
16/11/15	9:30	Fine	65.0	66.0	62.5	69	65	75
24/11/15	8:45	Fine	66.5	67.0	65.0	69	67	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)								
02/11/15	13:57	Fine	65.5	68.5	58.5	64	60	70
10/11/15	10:30	Fine	60.5	61.0	57.0	64	61	70
16/11/15	10:20	Fine	62.5	64.0	60.0	64	63	70
24/11/15	9:32	Fine	62.2	64.0	58.5	64	62	70

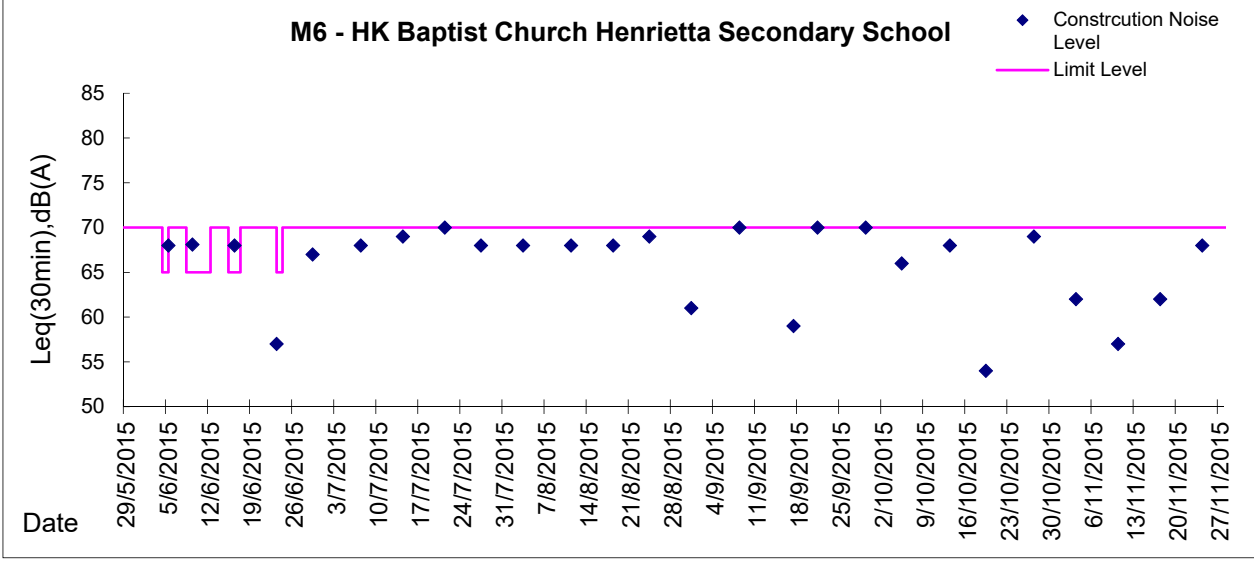
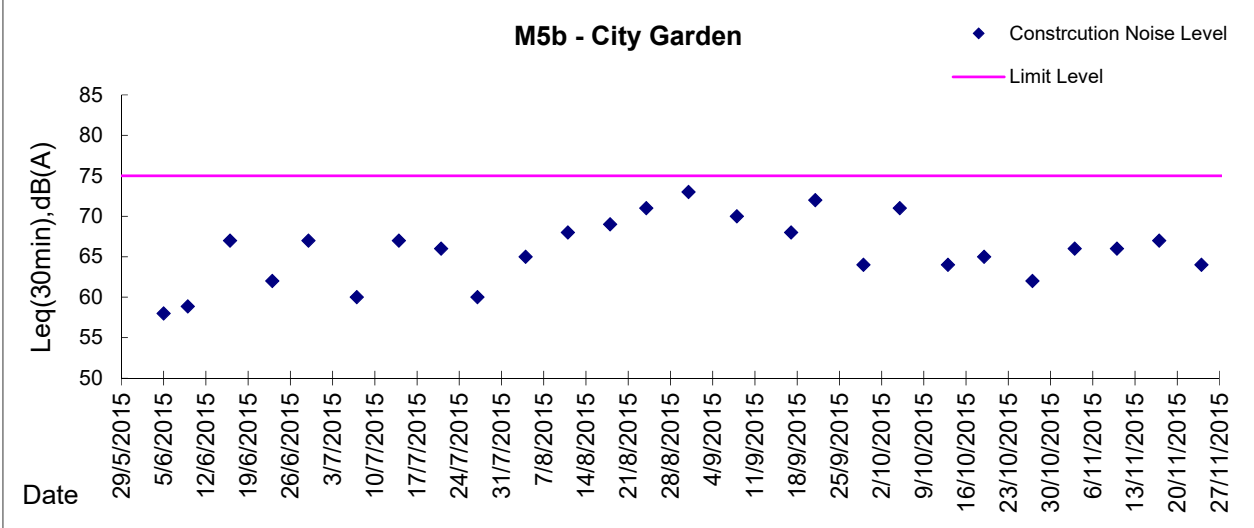
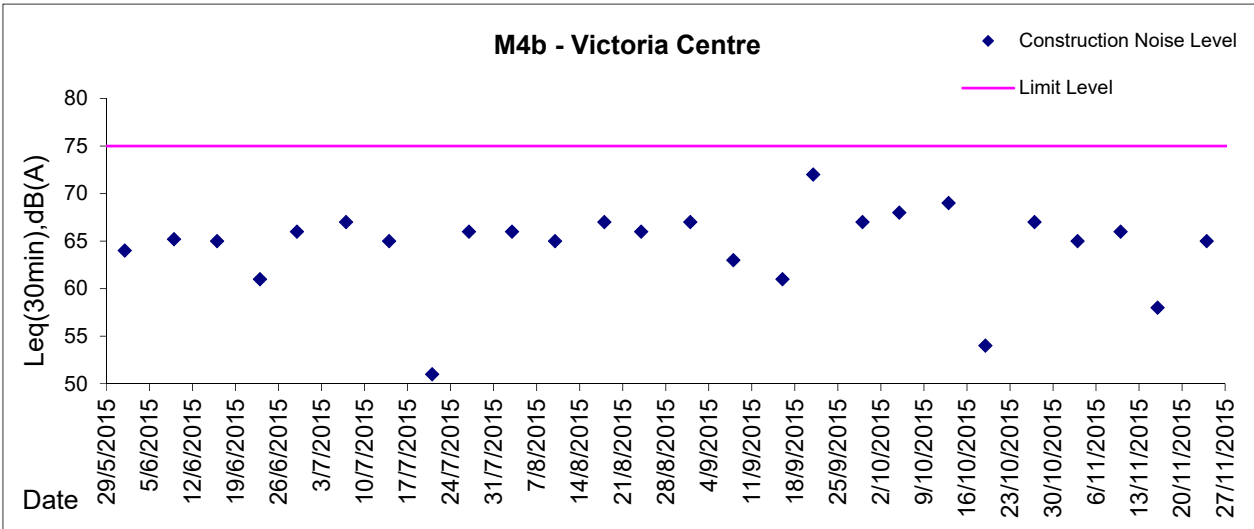


Graphic Presentation of Noise Monitoring Result
Day Time (0700 - 1900hrs on normal weekdays)





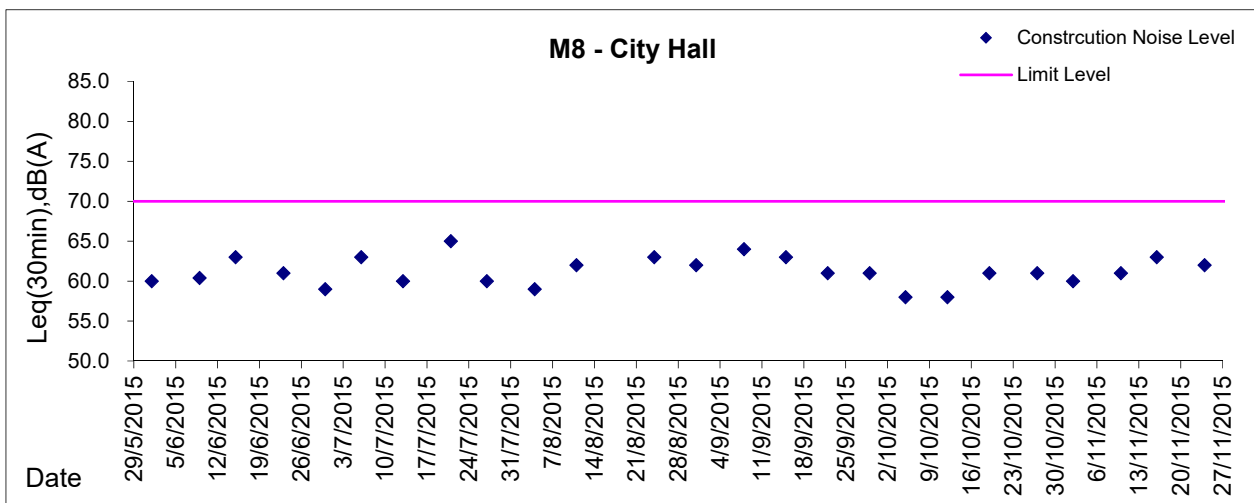
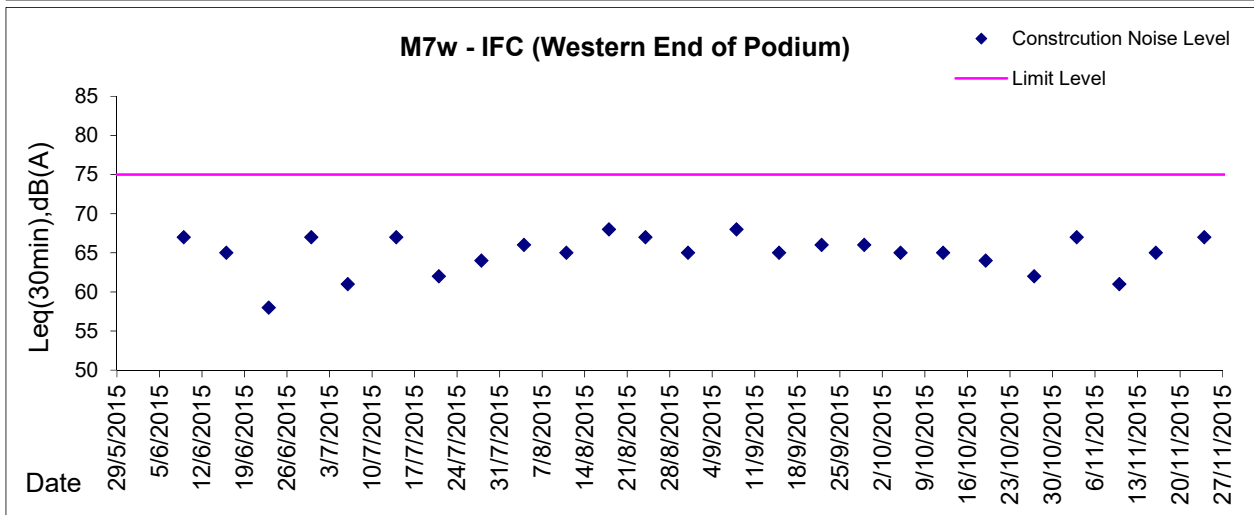
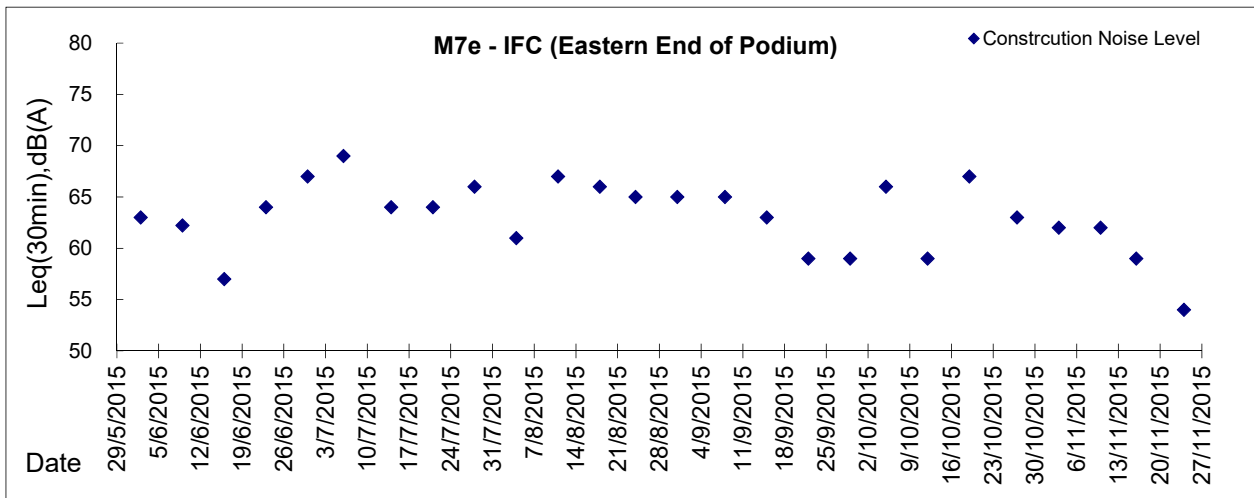
Graphic Presentation of Noise Monitoring Result
Day Time (0700 - 1900hrs on normal weekdays)





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		
28-Oct-15	8:00	Cloudy	012946	2.8240	3.0658	7167.94	7191.94	24.00	1.19	1.19	1.19	1712	141.3
3-Nov-15	8:00	Cloudy	013523	2.8058	3.0976	7194.94	7218.94	24.00	1.19	1.19	1.19	1718	169.9
9-Nov-15	8:00	Cloudy	013787	2.8185	3.0801	7221.94	7245.94	24.00	1.19	1.19	1.19	1712	152.8
14-Nov-15	8:00	Cloudy	013759	2.7948	3.0325	7248.94	7272.94	24.00	1.19	1.19	1.19	1716	138.5
20-Nov-15	8:00	Cloudy	013715	2.8158	3.0854	7276.02	7300.02	24.00	1.08	1.08	1.08	1560	172.8
26-Nov-15	8:00	Fine	014021	2.8738	3.0881	7303.02	7327.02	24.00	1.21	1.21	1.21	1737	123.4

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		
29-Oct-15	8:05	Cloudy	011490	2.7441	2.7618	7191.94	7192.94	1.00	1.19	1.19	1.19	71	247.9
29-Oct-15	9:08	Cloudy	013566	2.8088	2.8242	7192.94	7193.94	1.00	1.19	1.19	1.19	71	215.7
29-Oct-15	10:25	Cloudy	013531	2.8099	2.8258	7193.94	7194.94	1.00	1.19	1.19	1.19	71	222.7
4-Nov-15	8:05	Cloudy	013795	2.8206	2.8359	7218.94	7219.94	1.00	1.19	1.19	1.19	71	214.0
4-Nov-15	9:20	Cloudy	013791	2.8108	2.8298	7219.94	7220.94	1.00	1.19	1.19	1.19	71	265.8
4-Nov-15	10:35	Cloudy	013790	2.8173	2.8350	7220.94	7221.94	1.00	1.19	1.19	1.19	71	247.6
10-Nov-15	8:05	Cloudy	013770	2.7964	2.8104	7245.94	7246.94	1.00	1.19	1.19	1.19	71	195.9
10-Nov-15	9:40	Cloudy	013765	2.8328	2.8455	7246.94	7247.94	1.00	1.19	1.19	1.19	71	177.7
10-Nov-15	11:00	Cloudy	013762	2.7869	2.8013	7247.94	7248.94	1.00	1.19	1.19	1.19	71	201.5
16-Nov-15	9:55	Cloudy	013720	2.7975	2.8090	7272.94	7273.94	1.00	1.19	1.19	1.19	71	161.2
16-Nov-15	11:00	Cloudy	013718	2.8003	2.8137	7273.94	7274.94	1.00	1.19	1.19	1.19	71	187.8
16-Nov-15	13:00	Cloudy	013714	2.8039	2.8155	7274.94	7275.94	1.00	1.19	1.19	1.19	71	162.6
21-Nov-15	8:05	Cloudy	014031	2.9032	2.9152	7300.02	7301.02	1.00	1.19	1.19	1.19	71	167.9
21-Nov-15	9:08	Cloudy	014027	2.8708	2.8810	7301.02	7302.02	1.00	1.19	1.19	1.19	71	142.7
21-Nov-15	10:12	Cloudy	014024	2.8658	2.8778	7302.02	7303.02	1.00	1.19	1.19	1.19	71	167.9
27-Nov-15	8:03	Fine	014014	2.8263	2.8362	7327.02	7328.02	1.00	1.21	1.21	1.21	72	136.8
27-Nov-15	9:15	Fine	014010	2.8363	2.8473	7328.02	7329.02	1.00	1.21	1.21	1.21	72	152.0
27-Nov-15	10:20	Fine	014007	2.8174	2.8283	7329.02	7330.02	1.00	1.21	1.21	1.21	72	150.6



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		
28-Oct-15	8:00	Cloudy	013542	2.7900	2.8931	16817.97	16841.97	24.00	1.14	1.08	1.11	1599	64.5
3-Nov-15	8:00	Cloudy	013524	2.8040	2.9487	16844.97	16868.97	24.00	1.09	1.08	1.09	1564	92.5
9-Nov-15	8:00	Cloudy	013778	2.8007	2.9832	16871.97	16895.97	24.00	1.08	1.08	1.08	1558	117.1
14-Nov-15	8:00	Cloudy	013750	2.8006	2.9324	16898.97	16922.97	24.00	1.20	1.20	1.20	1729	76.2
20-Nov-15	8:00	Cloudy	013716	2.8156	2.9975	16925.97	16949.97	24.00	1.20	1.20	1.20	1728	105.2
27-Nov-15	11:36	Fine	014056	2.8573	3.1087	16955.97	16979.97	24.00	1.22	1.21	1.21	1748	143.8

Remarks: Due to interruption of electricity, the 24hr TSP was rescheduled from 26 November 2015 to 27 November 2015.

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		
29-Oct-15	8:13	Cloudy	011489	2.7583	2.7670	16841.97	16842.97	1.00	1.08	1.08	1.08	65	133.9
29-Oct-15	9:16	Cloudy	013588	2.7906	2.7976	16842.97	16843.97	1.00	1.08	1.08	1.08	65	107.7
29-Oct-15	10:21	Cloudy	013527	2.8088	2.8181	16843.97	16844.97	1.00	1.08	1.08	1.08	65	143.2
4-Nov-15	8:07	Cloudy	013796	2.8118	2.8217	16868.97	16869.97	1.00	1.08	1.08	1.08	65	152.1
4-Nov-15	9:12	Cloudy	013664	2.8255	2.8351	16869.97	16870.97	1.00	1.08	1.14	1.11	67	143.7
4-Nov-15	10:33	Cloudy	013782	2.8104	2.8221	16870.97	16871.97	1.00	1.14	1.14	1.14	69	170.7
10-Nov-15	8:05	Cloudy	013771	2.8046	2.8130	16895.97	16896.97	1.00	1.08	1.08	1.08	65	129.2
10-Nov-15	9:35	Cloudy	013634	2.8068	2.8177	16896.97	16897.97	1.00	1.08	1.08	1.08	65	167.6
10-Nov-15	11:00	Cloudy	013629	2.8009	2.8104	16897.97	16898.97	1.00	1.08	1.08	1.08	65	146.1
16-Nov-15	9:45	Cloudy	013719	2.7845	2.7958	16922.97	16923.97	1.00	1.14	1.14	1.14	68	165.2
16-Nov-15	10:48	Cloudy	013717	2.7942	2.8067	16923.97	16924.97	1.00	1.20	1.20	1.20	72	173.8
16-Nov-15	13:00	Cloudy	013713	2.8202	2.8297	16924.97	16925.97	1.00	1.20	1.20	1.20	72	132.1
21-Nov-15	8:03	Cloudy	014032	2.8852	2.8935	16949.97	16950.97	1.00	1.20	1.20	1.20	72	115.3
21-Nov-15	9:45	Cloudy	014035	2.8951	2.9057	16950.97	16951.97	1.00	1.20	1.20	1.20	72	147.2
21-Nov-15	10:52	Cloudy	014039	2.8872	2.8945	16951.97	16952.97	1.00	1.20	1.20	1.20	72	101.4
27-Nov-15	8:00	Fine	014044	2.8846	2.8941	16952.97	16953.97	1.00	1.10	1.10	1.10	66	144.1
27-Nov-15	9:03	Fine	014016	2.8945	2.9046	16953.97	16954.97	1.00	1.10	1.10	1.10	66	153.2
27-Nov-15	10:21	Fine	014052	2.8651	2.8750	16954.97	16955.97	1.00	1.10	1.10	1.10	66	150.2



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		
28-Oct-15	8:00	Cloudy	012945	2.8248	3.0271	4300.10	4324.10	24.00	1.24	1.24	1.24	1788	113.1
4-Nov-15	15:30	Cloudy	013783	2.7966	2.9472	4340.11	4364.11	24.00	1.24	1.24	1.24	1790	84.1
9-Nov-15	8:00	Cloudy	013776	2.8051	2.8938	4364.12	4388.12	24.00	1.24	1.24	1.24	1789	49.6
14-Nov-15	8:00	Cloudy	013758	2.7878	3.0245	4391.12	4415.12	24.00	1.30	1.30	1.30	1868	126.7
20-Nov-15	8:00	Cloudy	013891	2.8194	2.9318	4418.12	4442.12	24.00	1.24	1.24	1.24	1791	62.8
26-Nov-15	8:00	Fine	014020	2.8853	3.0303	4445.12	4469.12	24.00	1.26	1.26	1.26	1811	80.0

Remarks: Due to interruption of electricity, the 24hr TSP was rescheduled from 3 November 2015 to 4 November 2015.

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		
29-Oct-15	8:32	Cloudy	013569	2.8032	2.8145	4324.10	4325.10	1.00	1.09	1.09	1.09	66	172.4
29-Oct-15	9:35	Cloudy	013533	2.8131	2.8252	4325.10	4326.10	1.00	1.09	1.09	1.09	66	184.7
29-Oct-15	10:40	Cloudy	013530	2.8240	2.8329	4326.10	4327.10	1.00	1.09	1.09	1.09	66	135.8
4-Nov-15	8:05	Cloudy	013793	2.8130	2.8203	4337.11	4338.11	1.00	1.09	1.09	1.09	66	111.2
4-Nov-15	10:50	Cloudy	013789	2.8228	2.8323	4338.11	4339.11	1.00	1.09	1.09	1.09	66	144.7
4-Nov-15	13:00	Cloudy	013786	2.8056	2.8150	4339.11	4340.11	1.00	1.09	1.09	1.09	66	143.2
10-Nov-15	8:34	Cloudy	013767	2.8043	2.8150	4388.12	4389.12	1.00	1.09	1.09	1.09	66	163.1
10-Nov-15	10:05	Cloudy	013764	2.7937	2.8066	4389.12	4390.12	1.00	1.09	1.09	1.09	66	196.6
10-Nov-15	13:00	Cloudy	013785	2.7927	2.8056	4390.12	4391.12	1.00	1.09	1.09	1.09	66	196.6
16-Nov-15	8:46	Cloudy	013745	2.8075	2.8184	4415.12	4416.12	1.00	1.16	1.16	1.16	70	156.1
16-Nov-15	9:51	Cloudy	013743	2.7981	2.8078	4416.12	4417.12	1.00	1.16	1.16	1.16	70	138.9
16-Nov-15	10:55	Cloudy	013741	2.8032	2.8133	4417.12	4418.12	1.00	1.16	1.16	1.16	70	144.6
21-Nov-15	8:05	Cloudy	014029	2.8703	2.8807	4442.12	4443.12	1.00	1.09	1.09	1.09	66	158.5
21-Nov-15	9:15	Cloudy	014026	2.8699	2.8824	4443.12	4444.12	1.00	1.09	1.09	1.09	66	190.5
21-Nov-15	10:18	Cloudy	014023	2.8660	2.8783	4444.12	4445.12	1.00	1.09	1.09	1.09	66	187.4
27-Nov-15	8:05	Fine	014012	2.8245	2.8356	4469.12	4470.12	1.00	1.11	1.11	1.11	67	166.2
27-Nov-15	9:45	Fine	014009	2.8289	2.8392	4470.13	4471.13	1.00	1.11	1.11	1.11	67	154.2
27-Nov-15	11:00	Fine	014006	2.8189	2.8287	4471.13	4472.13	1.00	1.11	1.11	1.11	67	146.7



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		
28-Oct-15	8:00	Cloudy	013541	2.8073	3.0116	21094.95	21118.95	24.00	1.29	1.30	1.29	1864	109.6
3-Nov-15	8:00	Cloudy	012026	2.8428	3.0537	21121.95	21145.95	24.00	1.30	1.30	1.30	1870	112.8
9-Nov-15	8:00	Cloudy	013777	2.8069	2.9672	21148.95	21172.95	24.00	1.29	1.30	1.29	1864	86.0
14-Nov-15	8:00	Cloudy	013749	2.7906	2.9860	21175.95	21199.95	24.00	1.30	1.30	1.30	1868	104.6
20-Nov-15	8:00	Cloudy	013890	2.8103	3.0214	21202.95	21226.95	24.00	1.30	1.30	1.30	1867	113.1
26-Nov-15	8:00	Fine	014043	2.8969	3.0737	21229.96	21253.96	24.00	1.31	1.31	1.31	1888	93.6

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		
29-Oct-15	8:15	Cloudy	013570	2.8081	2.8201	21118.95	21119.95	1.00	1.30	1.30	1.30	78	154.4
29-Oct-15	9:32	Cloudy	013589	2.7862	2.7975	21119.95	21120.95	1.00	1.30	1.30	1.30	78	145.4
29-Oct-15	10:49	Cloudy	013526	2.8126	2.8245	21120.95	21121.95	1.00	1.30	1.30	1.30	78	153.1
4-Nov-15	8:15	Cloudy	013794	2.8199	2.8300	21145.95	21146.95	1.00	1.30	1.30	1.30	78	129.8
4-Nov-15	9:44	Cloudy	013663	2.8085	2.8190	21146.95	21147.95	1.00	1.30	1.30	1.30	78	134.9
4-Nov-15	10:52	Cloudy	013781	2.7956	2.8052	21147.95	21148.95	1.00	1.30	1.30	1.30	78	123.3
10-Nov-15	8:20	Cloudy	013768	2.8036	2.8177	21172.95	21173.95	1.00	1.30	1.30	1.30	78	181.2
10-Nov-15	10:00	Cloudy	013633	2.8041	2.8171	21173.95	21174.95	1.00	1.30	1.30	1.30	78	167.1
10-Nov-15	13:00	Cloudy	013628	2.8057	2.8193	21174.95	21175.95	1.00	1.30	1.30	1.30	78	174.8
16-Nov-15	8:34	Cloudy	013746	2.8020	2.8159	21199.95	21200.95	1.00	1.30	1.30	1.30	78	178.9
16-Nov-15	9:39	Cloudy	013794	2.8139	2.8291	21200.95	21201.95	1.00	1.30	1.30	1.30	78	195.6
16-Nov-15	10:42	Cloudy	013742	2.7980	2.8125	21201.95	21202.95	1.00	1.30	1.30	1.30	78	186.6
21-Nov-15	8:05	Cloudy	014030	2.8874	2.9002	21226.95	21227.95	1.00	1.30	1.30	1.30	78	164.5
21-Nov-15	9:12	Cloudy	014036	2.8952	2.9082	21227.95	21228.95	1.00	1.30	1.30	1.30	78	167.1
21-Nov-15	10:15	Cloudy	014040	2.8941	2.9054	21228.95	21229.95	1.00	1.30	1.30	1.30	78	145.2
27-Nov-15	8:05	Fine	014013	2.8264	2.8355	21253.96	21254.96	1.00	1.31	1.31	1.31	79	115.6
27-Nov-15	9:44	Fine	014053	2.8709	2.8801	21254.96	21255.96	1.00	1.31	1.31	1.31	79	116.9
27-Nov-15	13:00	Fine	013878	2.7921	2.8026	21255.96	21256.96	1.00	1.31	1.31	1.31	79	133.4



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		
28-Oct-15	8:00	Cloudy	013597	2.7880	2.9269	5602.89	5626.89	24.00	0.93	0.94	0.94	1347	103.1
3-Nov-15	8:00	Cloudy	013516	2.7946	3.0272	5629.89	5653.89	24.00	1.00	1.00	1.00	1443	161.2
9-Nov-15	8:00	Cloudy	013773	2.8027	3.0017	5656.91	5680.91	24.00	1.00	1.00	1.00	1436	138.5
14-Nov-15	8:00	Cloudy	013748	2.8008	2.9481	5683.91	5707.91	24.00	0.94	0.94	0.94	1352	109.0
21-Nov-15	12:15	Cloudy	014045	2.8689	2.9850	5723.80	5747.80	24.00	0.94	0.94	0.94	1351	86.0
26-Nov-15	8:00	Fine	014019	2.8937	2.9111	5747.81	5771.81	24.00	0.95	0.95	0.95	1373	12.7

Remarks: Due to interruption of electricity, the 24hr TSP was rescheduled from 20 November 2015 to 21 November 2015.

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		
29-Oct-15	8:35	Cloudy	013568	2.8161	2.8277	5626.89	5627.89	1.00	1.06	1.06	1.06	64	182.4
29-Oct-15	10:04	Cloudy	013596	2.7989	2.8073	5627.89	5628.89	1.00	0.94	0.94	0.94	56	149.5
29-Oct-15	13:00	Cloudy	013528	2.8239	2.8297	5628.89	5629.89	1.00	0.94	0.94	0.94	56	103.2
4-Nov-15	8:40	Cloudy	013792	2.8162	2.8237	5653.89	5654.89	1.00	1.00	1.06	1.03	62	121.2
4-Nov-15	9:57	Cloudy	013662	2.8133	2.8203	5654.89	5655.89	1.00	0.94	0.94	0.94	56	124.3
4-Nov-15	11:00	Cloudy	013780	2.7842	2.7954	5655.90	5656.90	1.00	1.06	1.06	1.06	64	175.7
10-Nov-15	8:40	Cloudy	013766	2.8137	2.8257	5680.91	5681.91	1.00	0.94	0.94	0.94	56	213.2
10-Nov-15	10:24	Cloudy	013632	2.8054	2.8172	5681.91	5682.91	1.00	1.06	1.06	1.06	64	185.3
10-Nov-15	13:00	Cloudy	013627	2.8013	2.8107	5682.91	5683.91	1.00	1.06	1.06	1.06	64	147.6
16-Nov-15	13:00	Cloudy	013730	2.7709	2.7816	5707.91	5708.91	1.00	1.00	1.00	1.00	60	178.7
16-Nov-15	14:05	Cloudy	013712	2.8226	2.8360	5708.91	5709.91	1.00	1.00	1.00	1.00	60	223.8
16-Nov-15	15:10	Cloudy	013756	2.7884	2.7997	5709.91	5710.91	1.00	0.94	0.94	0.94	56	201.2
21-Nov-15	8:20	Cloudy	013896	2.8051	2.8084	5720.80	5721.80	1.00	0.94	0.94	0.94	56	58.6
21-Nov-15	9:24	Cloudy	014037	2.8986	2.9033	5721.80	5722.80	1.00	0.94	0.94	0.94	56	83.5
21-Nov-15	10:30	Cloudy	014041	2.8980	2.9077	5722.80	5723.80	1.00	0.94	0.94	0.94	56	172.4
27-Nov-15	8:05	Fine	014011	2.8316	2.8382	5771.82	5772.82	1.00	0.95	0.95	0.95	57	115.3
27-Nov-15	9:58	Fine	014054	2.8566	2.8623	5772.82	5773.82	1.00	0.95	0.95	0.95	57	99.6
27-Nov-15	13:00	Fine	013879	2.7888	2.7976	5773.82	5774.82	1.00	0.95	0.95	0.95	57	153.8



Location: MA1e - International Finance Centre (Eastern Wing)

Report on 24-hour TSP monitoring

Action Level ($\mu\text{g}/\text{m}^3$) - 173.4Limit 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		
28-Oct-15	8:00	Cloudy	013580	2.8063	2.9551	17778.40	17802.40	24.00	1.18	1.18	1.18	1699	87.6
3-Nov-15	8:00	Cloudy	012421	2.8162	2.9203	17805.40	17829.40	24.00	1.19	1.18	1.18	1706	61.0
9-Nov-15	8:00	Cloudy	013651	2.7962	2.9280	17832.64	17856.64	24.00	1.11	1.12	1.12	1607	82.0
14-Nov-15	8:00	Cloudy	013639	2.8124	2.9365	17859.64	17883.64	24.00	1.12	1.12	1.12	1611	77.0
20-Nov-15	8:00	Cloudy	013751	2.7899	2.9242	17886.65	17910.65	24.00	1.12	1.12	1.12	1610	83.4
26-Nov-15	8:00	Fine	014062	2.8809	2.9950	17913.65	17937.65	24.00	1.13	1.13	1.13	1634	69.8

Report on 1-hour TSP monitoring

Action Level ($\mu\text{g}/\text{m}^3$) - 325.1Limit 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		
29-Oct-15	8:05	Cloudy	013540	2.8122	2.8184	17802.40	17803.40	1.00	1.12	1.12	1.12	67	92.5
29-Oct-15	9:08	Cloudy	013537	2.8075	2.8153	17803.40	17804.40	1.00	1.25	1.25	1.25	75	104.4
29-Oct-15	10:13	Cloudy	013534	2.7972	2.8040	17804.40	17805.40	1.00	1.18	1.18	1.18	71	96.0
4-Nov-15	8:03	Cloudy	011488	2.7615	2.7702	17829.40	17830.40	1.00	1.12	1.12	1.12	67	129.6
4-Nov-15	9:07	Cloudy	013657	2.8254	2.8333	17830.40	17831.40	1.00	1.18	1.18	1.18	71	111.3
4-Nov-15	10:10	Cloudy	013654	2.7965	2.7993	17831.40	17832.40	1.00	1.12	1.12	1.12	67	41.7
10-Nov-15	8:10	Cloudy	013648	2.7738	2.7836	17856.64	17857.64	1.00	1.12	1.12	1.12	67	146.0
10-Nov-15	9:13	Cloudy	013645	2.8220	2.8292	17857.64	17858.64	1.00	1.12	1.12	1.12	67	107.3
10-Nov-15	10:16	Cloudy	013642	2.8185	2.8272	17858.64	17859.64	1.00	1.12	1.12	1.12	67	129.7
16-Nov-15	8:05	Cloudy	013636	2.7997	2.8071	17883.65	17884.65	1.00	1.12	1.12	1.12	67	110.5
16-Nov-15	9:08	Cloudy	013738	2.7884	2.7931	17884.65	17885.65	1.00	1.18	1.18	1.18	71	66.4
16-Nov-15	10:12	Cloudy	013735	2.7826	2.7944	17885.65	17886.65	1.00	1.12	1.12	1.12	67	176.4
21-Nov-15	8:03	Cloudy	014071	2.8735	2.8760	17910.65	17911.65	1.00	1.25	1.25	1.25	75	33.4
21-Nov-15	9:06	Cloudy	014068	2.8693	2.8726	17911.65	17912.65	1.00	1.25	1.25	1.25	75	44.1
21-Nov-15	10:10	Cloudy	014065	2.8975	2.9032	17912.65	17913.65	1.00	1.25	1.25	1.25	75	76.2
27-Nov-15	8:03	Fine	013727	2.7822	2.7906	17937.65	17938.65	1.00	1.13	1.13	1.13	68	123.4
27-Nov-15	9:07	Fine	013726	2.7898	2.7956	17938.65	17939.65	1.00	1.13	1.13	1.13	68	85.2
27-Nov-15	10:10	Fine	013723	2.7884	2.7982	17939.65	17940.65	1.00	1.13	1.13	1.13	68	143.9



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		
28-Oct-15	8:00	Cloudy	013579	2.8171	2.9532	17803.00	17827.00	24.00	1.22	1.22	1.22	1753	77.6
3-Nov-15	8:00	Cloudy	012424	2.7987	2.9618	17830.00	17854.00	24.00	1.22	1.22	1.22	1758	92.8
9-Nov-15	8:00	Cloudy	013650	2.8001	2.9341	17857.00	17881.00	24.00	1.22	1.22	1.22	1753	76.4
14-Nov-15	8:00	Cloudy	013638	2.8136	2.9250	17884.00	17908.00	24.00	1.22	1.22	1.22	1757	63.4
20-Nov-15	8:00	Cloudy	013752	2.7690	2.9010	17911.00	17935.00	24.00	1.22	1.22	1.22	1756	75.2
26-Nov-15	8:00	Fine	014061	2.8719	2.9442	17938.01	17962.01	24.00	1.23	1.23	1.23	1775	40.7

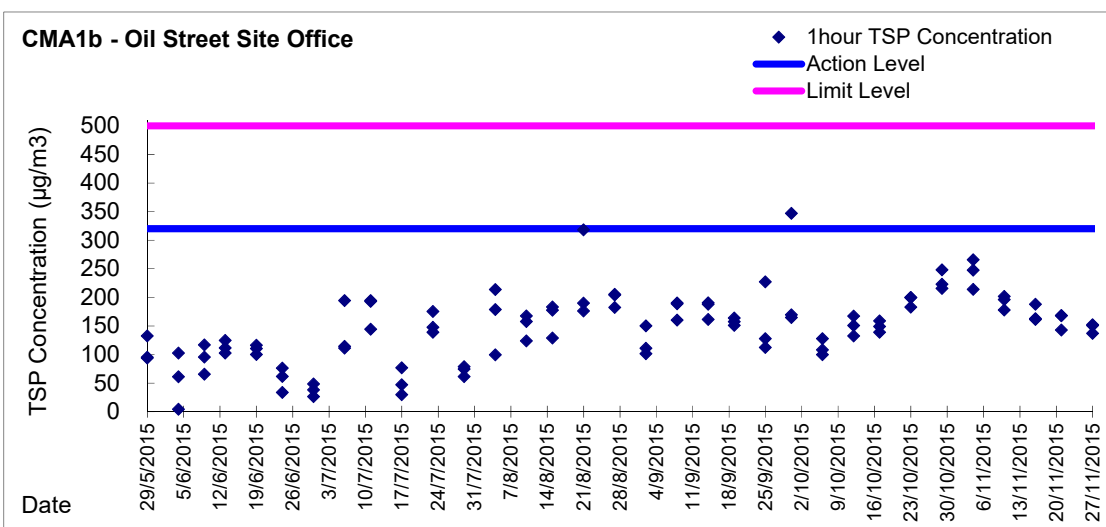
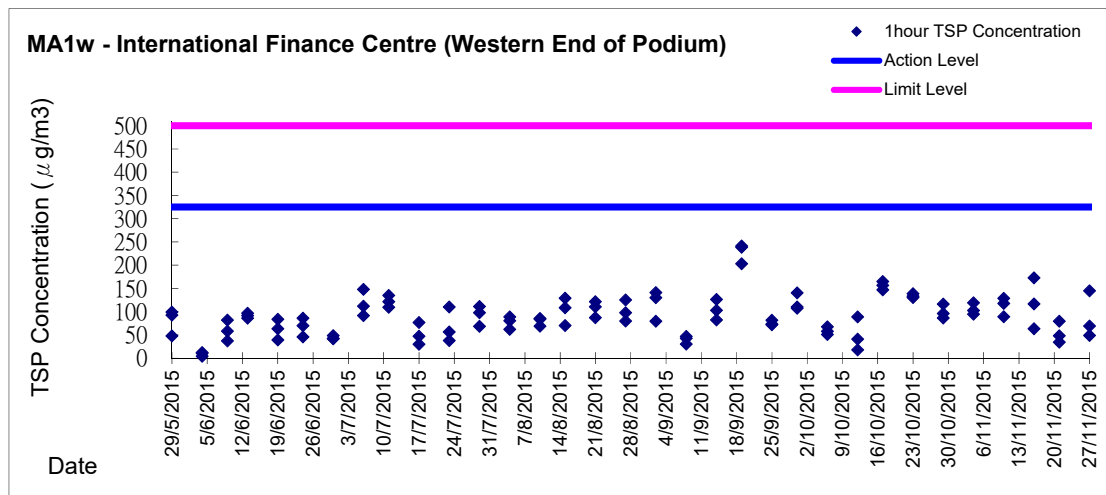
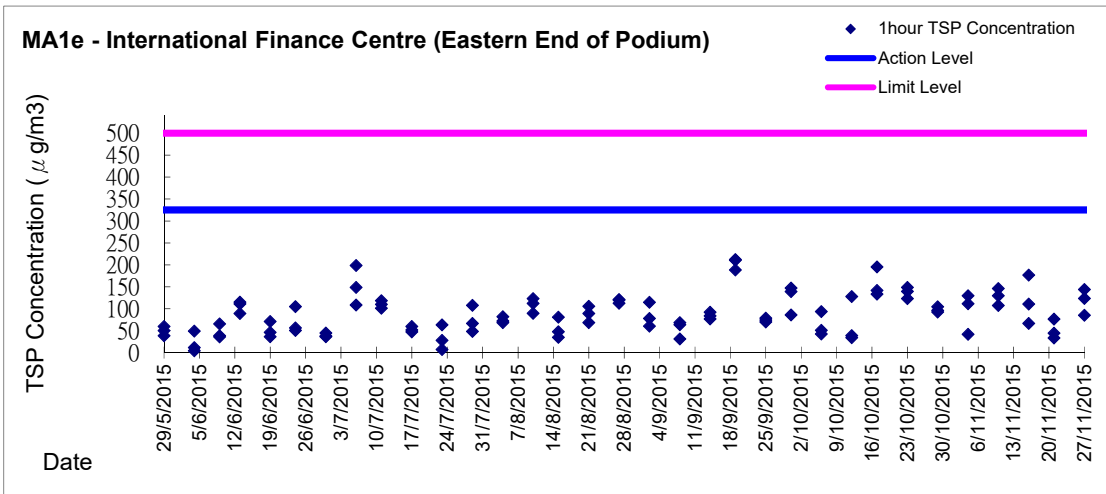
Report on 1-hour TSP monitoring

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

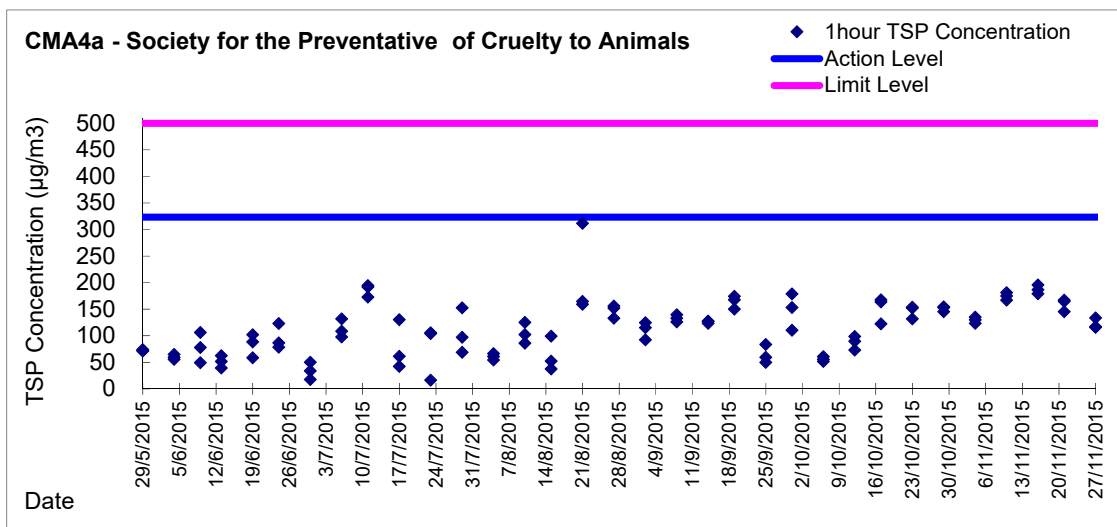
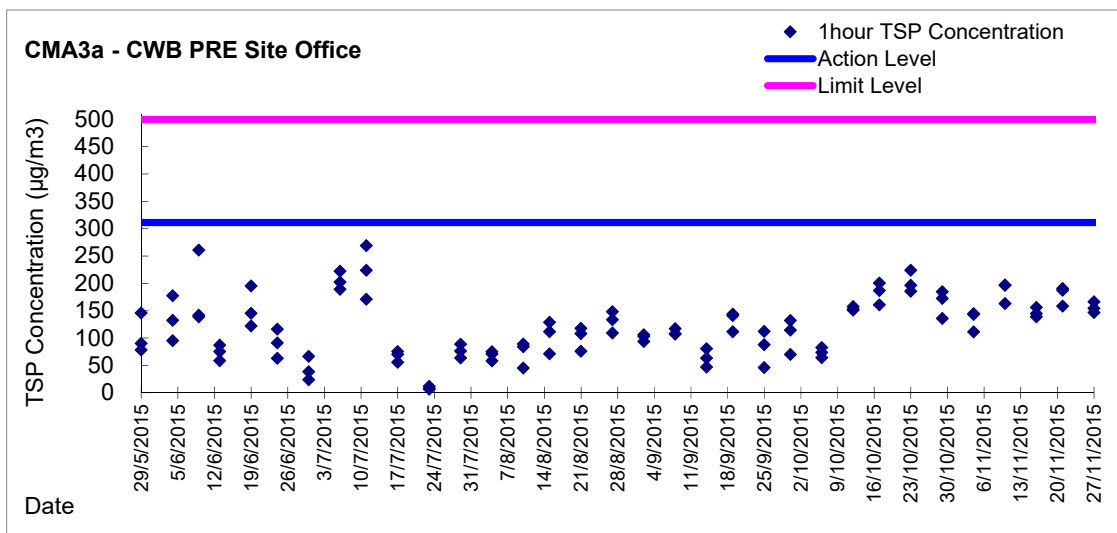
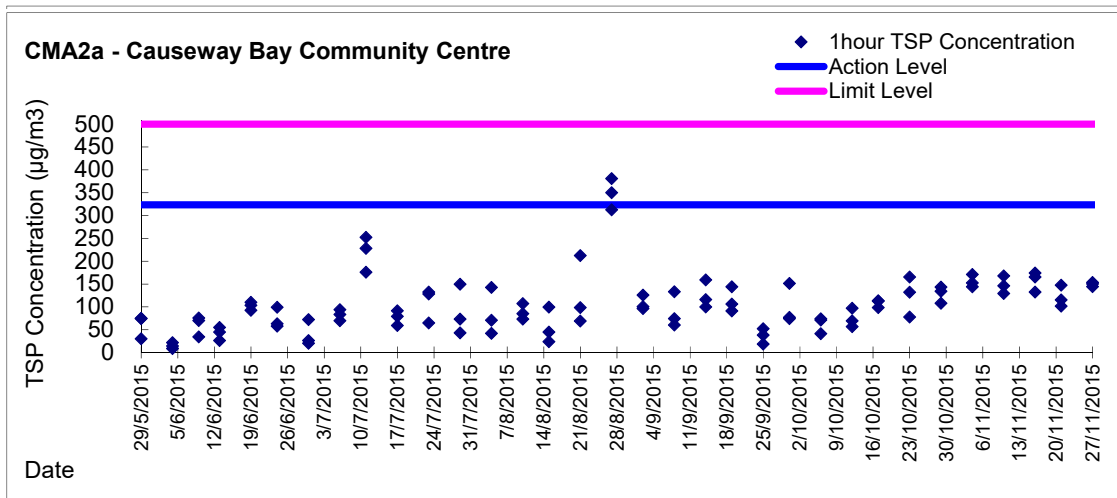
Date	Sampling Time	Weather Condition	Filter paper no.	Filter Weight, g		Elapse Time, hr		Sampling Time, hr	Flow Rate, m^3/min			Total Volume, m^3	TSP Level, $\mu\text{g}/\text{m}^3$
				Initial	Final	Initial	Final		Initial, Q_{si}	Final, Q_{sf}	Average		
29-Oct-15	8:05	Cloudy	013539	2.8086	2.8156	17827.00	17828.00	1.00	1.22	1.22	1.22	73	95.8
29-Oct-15	9:09	Cloudy	013536	2.8152	2.8215	17828.00	17829.00	1.00	1.22	1.22	1.22	73	86.2
29-Oct-15	10:12	Cloudy	012420	2.8332	2.8417	17829.00	17830.00	1.00	1.22	1.22	1.22	73	116.3
4-Nov-15	8:05	Cloudy	013659	2.8001	2.8088	17854.00	17855.00	1.00	1.22	1.22	1.22	73	118.9
4-Nov-15	9:08	Cloudy	013656	2.8216	2.8291	17855.00	17856.00	1.00	1.22	1.22	1.22	73	102.5
4-Nov-15	10:12	Cloudy	013653	2.7969	2.8038	17856.00	17857.00	1.00	1.22	1.22	1.22	73	94.3
10-Nov-15	8:05	Cloudy	013647	2.7906	2.7992	17881.00	17882.00	1.00	1.22	1.22	1.22	73	117.6
10-Nov-15	9:08	Cloudy	013644	2.8192	2.8257	17882.00	17883.00	1.00	1.22	1.22	1.22	73	88.8
10-Nov-15	10:11	Cloudy	013641	2.8033	2.8127	17883.00	17884.00	1.00	1.22	1.22	1.22	73	128.5
16-Nov-15	8:05	Cloudy	013740	2.8140	2.8225	17908.00	17909.00	1.00	1.22	1.22	1.22	73	116.3
16-Nov-15	9:09	Cloudy	013737	2.7832	2.7878	17909.00	17910.00	1.00	1.22	1.22	1.22	73	63.0
16-Nov-15	10:12	Cloudy	013734	2.7925	2.8051	17910.00	17911.00	1.00	1.22	1.22	1.22	73	172.4
21-Nov-15	8:05	Cloudy	014070	2.8848	2.8883	17935.00	17936.00	1.00	1.22	1.22	1.22	73	47.8
21-Nov-15	9:08	Cloudy	014067	2.9008	2.9033	17936.00	17937.00	1.00	1.22	1.22	1.22	73	34.2
21-Nov-15	10:11	Cloudy	014064	2.8723	2.8786	17937.00	17938.00	1.00	1.33	1.33	1.33	80	79.2
27-Nov-15	8:05	Fine	013729	2.7779	2.7815	17962.01	17963.01	1.00	1.23	1.23	1.23	74	48.7
27-Nov-15	9:08	Fine	013725	2.7900	2.7951	17963.01	17964.01	1.00	1.23	1.23	1.23	74	68.9
27-Nov-15	10:12	Fine	013722	2.7900	2.8007	17964.01	17965.01	1.00	1.23	1.23	1.23	74	144.6



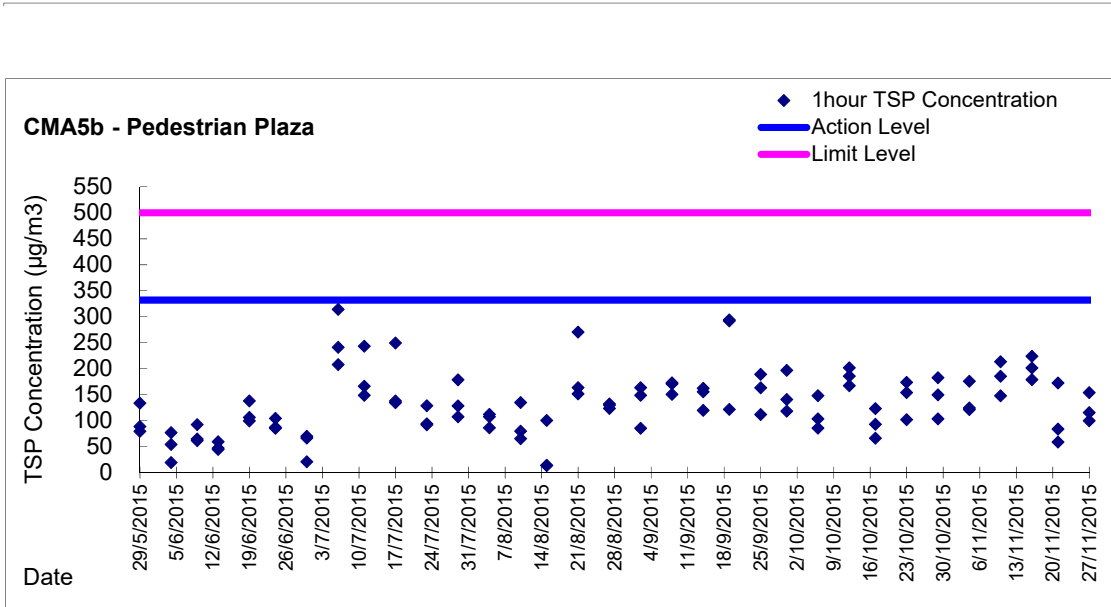
Graphic Presentation of 1 hour TSP Result



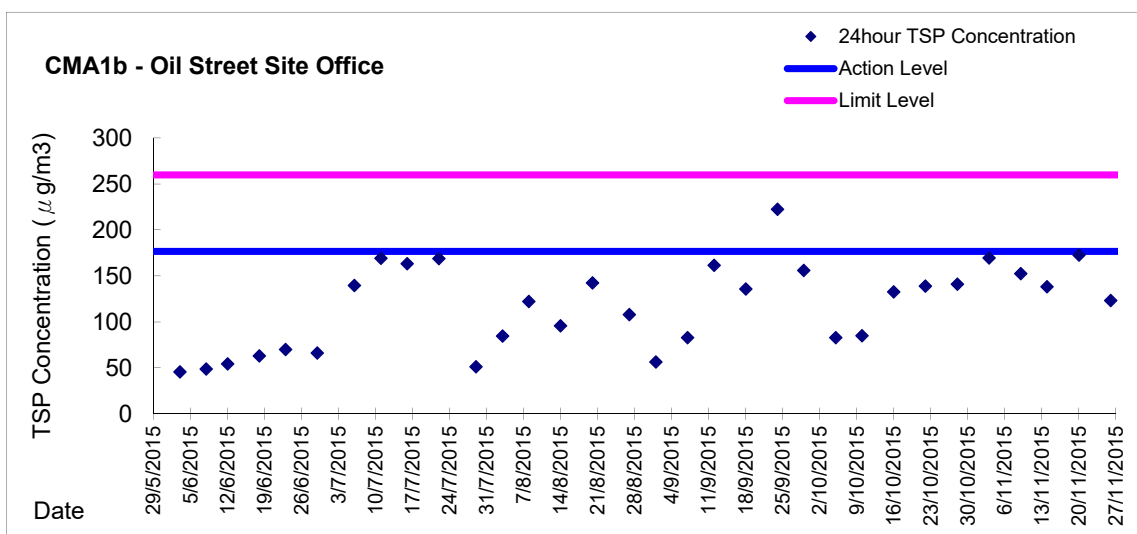
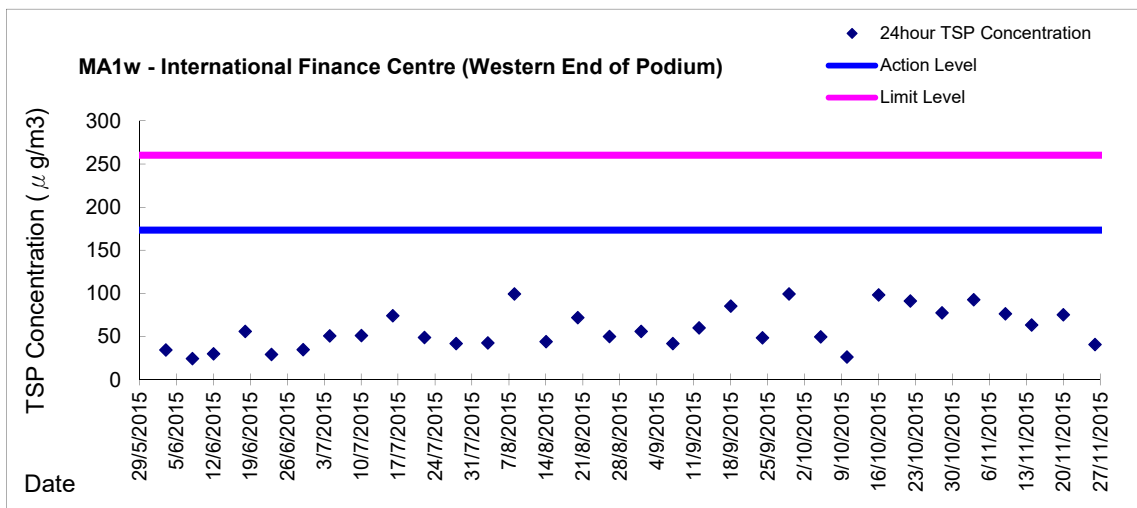
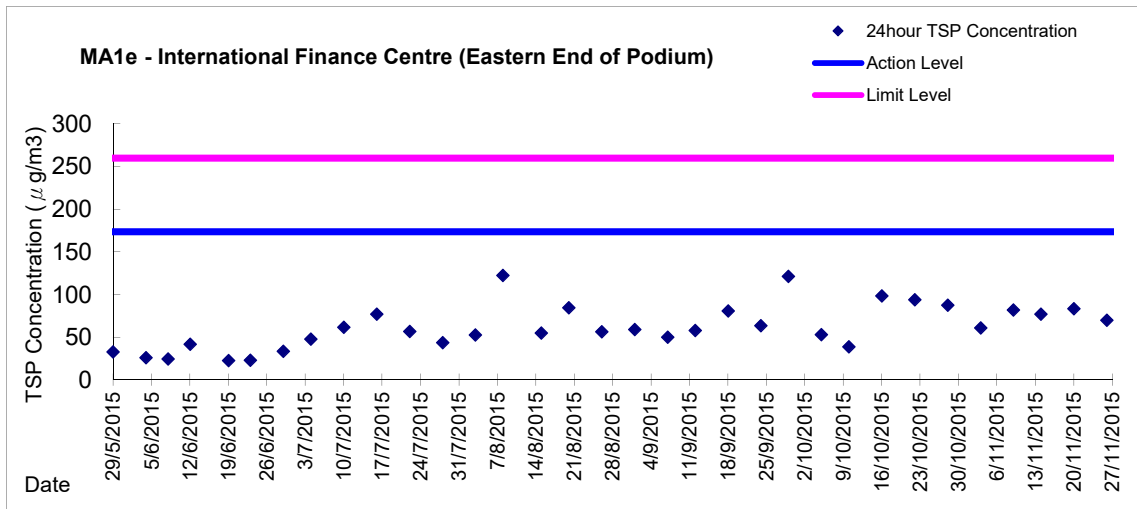
Graphic Presentation of 1 hour TSP Result



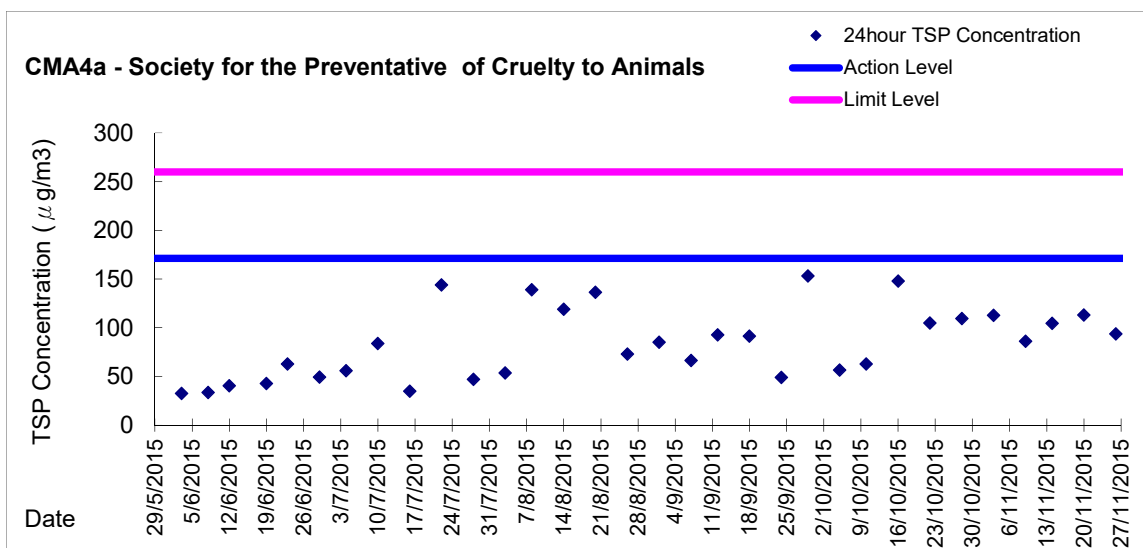
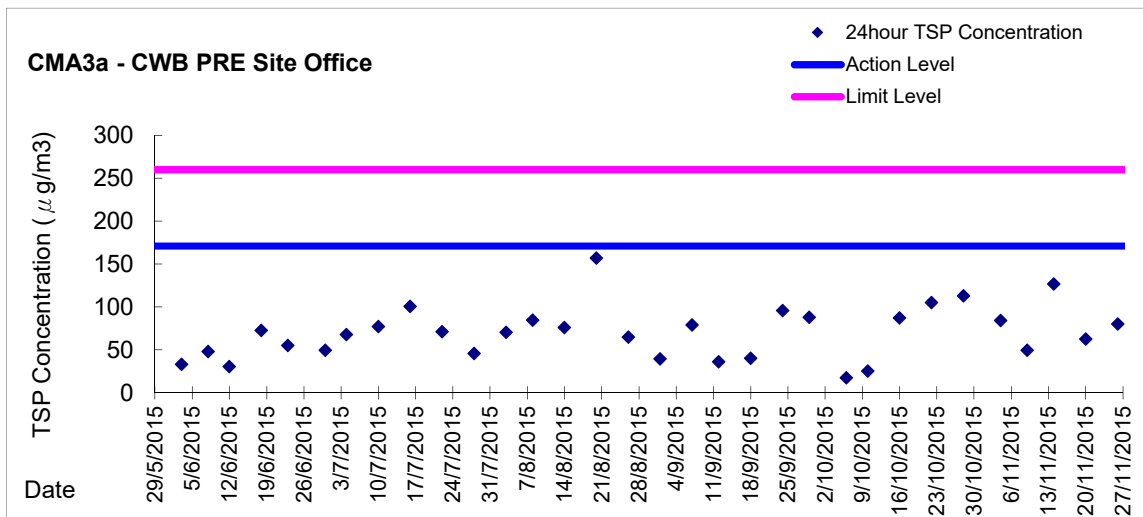
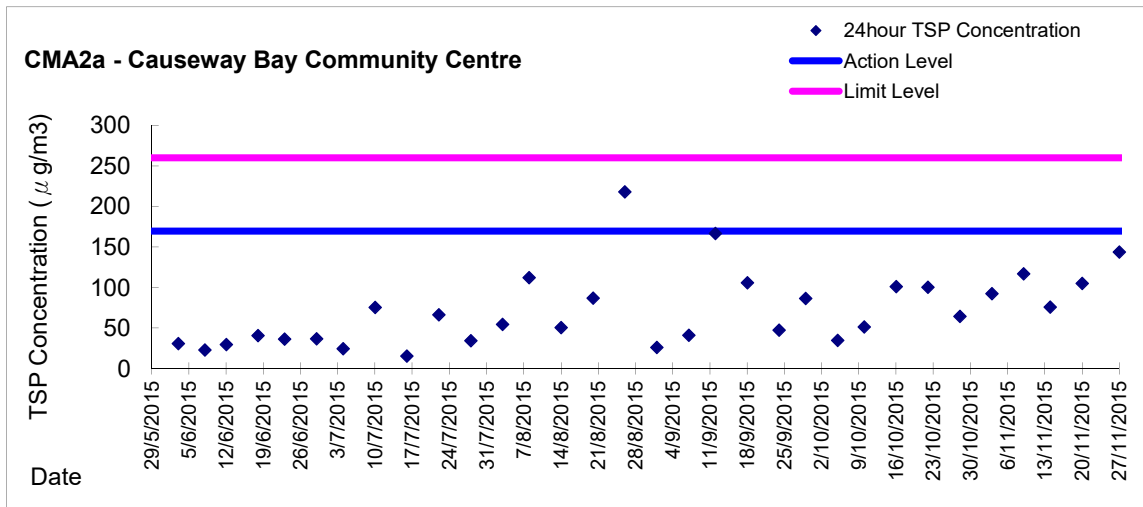
Graphic Presentation of 1 hour TSP Result



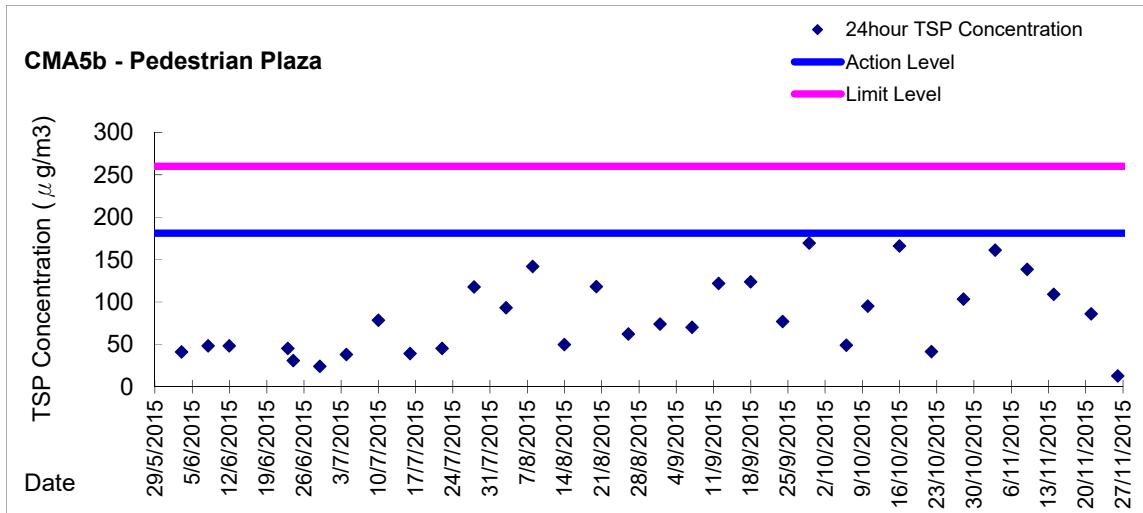
Graphic Presentation of 24 hour TSP Result



Graphic Presentation of 24 hour TSP Result



Graphic Presentation of 24 hour TSP Result





Appendix 5.4
Real Time Noise Monitoring Results and Graphical Presentations

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

Normal Day 07:00-19:00

28/10/2015 7:01 64	2/11/2015 12:01 65	6/11/2015 18:31 63	12/11/2015 13:01 65	18/11/2015 7:31 64	23/11/2015 14:01 66
28/10/2015 7:31 65	2/11/2015 12:31 65	7/11/2015 7:01 64	12/11/2015 13:31 66	18/11/2015 8:01 65	23/11/2015 14:31 65
28/10/2015 8:01 65	2/11/2015 13:01 66	7/11/2015 7:31 64	12/11/2015 14:01 66	18/11/2015 8:31 65	23/11/2015 15:01 66
28/10/2015 8:31 65	2/11/2015 13:31 66	7/11/2015 8:01 65	12/11/2015 14:31 65	18/11/2015 9:01 66	23/11/2015 15:31 66
28/10/2015 9:01 65	2/11/2015 14:01 65	7/11/2015 8:31 65	12/11/2015 15:01 64	18/11/2015 9:31 66	23/11/2015 16:01 66
28/10/2015 9:31 66	2/11/2015 14:31 65	7/11/2015 9:01 66	12/11/2015 15:31 64	18/11/2015 10:01 67	23/11/2015 16:31 66
28/10/2015 10:01 66	2/11/2015 15:01 66	7/11/2015 9:31 65	12/11/2015 16:01 65	18/11/2015 10:31 66	23/11/2015 17:01 66
28/10/2015 10:31 65	2/11/2015 15:31 66	7/11/2015 10:01 65	12/11/2015 16:31 64	18/11/2015 11:01 66	23/11/2015 17:31 65
28/10/2015 11:01 66	2/11/2015 16:01 66	7/11/2015 10:31 66	12/11/2015 17:01 64	18/11/2015 11:31 65	23/11/2015 18:01 65
28/10/2015 11:31 65	2/11/2015 16:31 66	7/11/2015 11:01 66	12/11/2015 17:31 64	18/11/2015 12:01 65	23/11/2015 18:31 65
28/10/2015 12:01 65	2/11/2015 17:01 65	7/11/2015 11:31 65	12/11/2015 18:01 64	18/11/2015 12:31 65	24/11/2015 7:01 64
28/10/2015 12:31 65	2/11/2015 17:31 65	7/11/2015 12:01 65	12/11/2015 18:31 64	18/11/2015 13:01 65	24/11/2015 7:31 65
28/10/2015 13:01 66	2/11/2015 18:01 65	7/11/2015 12:31 65	13/11/2015 7:01 64	18/11/2015 13:31 66	24/11/2015 8:01 65
28/10/2015 13:31 65	2/11/2015 18:31 64	7/11/2015 13:01 65	13/11/2015 7:31 65	18/11/2015 14:01 65	24/11/2015 8:31 66
28/10/2015 14:01 66	3/11/2015 7:01 64	7/11/2015 13:31 65	13/11/2015 8:01 65	18/11/2015 14:31 66	24/11/2015 9:01 66
28/10/2015 14:31 66	3/11/2015 7:31 65	7/11/2015 14:01 65	13/11/2015 8:31 65	18/11/2015 15:01 66	24/11/2015 9:31 66
28/10/2015 15:01 67	3/11/2015 8:01 65	7/11/2015 14:31 64	13/11/2015 9:01 65	18/11/2015 15:31 65	24/11/2015 10:01 65
28/10/2015 15:31 67	3/11/2015 8:31 65	7/11/2015 15:01 64	13/11/2015 9:31 66	18/11/2015 16:01 66	24/11/2015 10:31 66
28/10/2015 16:01 67	3/11/2015 9:01 66	7/11/2015 15:31 64	13/11/2015 10:01 66	18/11/2015 16:31 66	24/11/2015 11:01 66
28/10/2015 16:31 67	3/11/2015 9:31 66	7/11/2015 16:01 64	13/11/2015 10:31 67	18/11/2015 17:01 66	24/11/2015 11:31 66
28/10/2015 17:01 66	3/11/2015 10:01 66	7/11/2015 16:31 64	13/11/2015 11:01 67	18/11/2015 17:31 65	24/11/2015 12:01 65
28/10/2015 17:31 66	3/11/2015 10:31 66	7/11/2015 17:01 63	13/11/2015 11:31 66	18/11/2015 18:01 65	24/11/2015 12:31 65
28/10/2015 18:01 65	3/11/2015 11:01 66	7/11/2015 17:31 64	13/11/2015 12:01 64	18/11/2015 18:31 65	24/11/2015 13:01 66
28/10/2015 18:31 65	3/11/2015 11:31 65	7/11/2015 18:01 63	13/11/2015 12:31 63	19/11/2015 7:31 65	24/11/2015 14:01 65
28/10/2015 19:01 67	3/11/2015 12:01 65	7/11/2015 18:31 64	13/11/2015 13:01 66	19/11/2015 8:01 65	24/11/2015 14:31 65
29/10/2015 7:01 65	3/11/2015 12:31 66	9/11/2015 7:01 64	13/11/2015 13:31 68	19/11/2015 8:31 65	24/11/2015 15:01 64
29/10/2015 7:31 65	3/11/2015 13:01 66	9/11/2015 7:31 65	13/11/2015 14:01 66	19/11/2015 9:01 66	24/11/2015 15:31 65
29/10/2015 8:01 65	3/11/2015 13:31 66	9/11/2015 8:01 64	13/11/2015 14:31 66	19/11/2015 9:31 66	24/11/2015 16:01 65
29/10/2015 8:31 66	3/11/2015 14:01 65	9/11/2015 8:31 65	13/11/2015 15:01 66	19/11/2015 10:01 66	24/11/2015 16:31 65
29/10/2015 9:01 67	3/11/2015 14:31 66	9/11/2015 9:01 65	13/11/2015 15:31 66	19/11/2015 10:31 66	24/11/2015 17:01 66
29/10/2015 9:31 66	3/11/2015 15:01 66	9/11/2015 9:31 66	13/11/2015 16:01 66	19/11/2015 11:01 66	24/11/2015 17:31 65
29/10/2015 10:01 67	3/11/2015 15:31 67	9/11/2015 10:01 66	13/11/2015 16:31 66	19/11/2015 11:31 65	24/11/2015 18:01 65
29/10/2015 10:31 66	3/11/2015 16:01 65	9/11/2015 10:31 66	13/11/2015 17:01 66	19/11/2015 12:01 64	24/11/2015 18:31 63
29/10/2015 11:01 66	3/11/2015 16:31 65	9/11/2015 11:01 66	13/11/2015 17:31 64	19/11/2015 12:31 65	25/11/2015 7:01 64
29/10/2015 11:31 67	3/11/2015 17:01 65	9/11/2015 11:31 66	13/11/2015 18:01 63	19/11/2015 13:01 66	25/11/2015 7:31 65
29/10/2015 12:01 66	3/11/2015 17:31 65	9/11/2015 12:01 65	13/11/2015 18:31 64	19/11/2015 13:31 66	25/11/2015 8:01 64
29/10/2015 12:31 66	3/11/2015 18:01 65	9/11/2015 12:31 65	14/11/2015 7:01 64	19/11/2015 14:01 66	25/11/2015 8:31 64
29/10/2015 13:01 67	3/11/2015 18:31 63	9/11/2015 13:01 66	14/11/2015 7:31 65	19/11/2015 14:31 66	25/11/2015 9:01 65
29/10/2015 13:31 67	4/11/2015 7:01 64	9/11/2015 13:31 66	14/11/2015 8:01 66	19/11/2015 15:01 66	25/11/2015 9:31 65
29/10/2015 14:01 66	4/11/2015 7:31 65	9/11/2015 14:01 66	14/11/2015 8:31 66	19/11/2015 15:31 66	25/11/2015 10:01 66
29/10/2015 14:31 66	4/11/2015 8:01 65	9/11/2015 14:31 66	14/11/2015 9:01 67	19/11/2015 16:01 66	25/11/2015 10:31 66
29/10/2015 15:01 66	4/11/2015 8:31 65	9/11/2015 15:01 66	14/11/2015 9:31 67	19/11/2015 16:31 66	25/11/2015 11:01 67
29/10/2015 15:31 65	4/11/2015 9:01 65	9/11/2015 15:31 66	14/11/2015 10:01 67	19/11/2015 17:01 65	25/11/2015 11:31 65
29/10/2015 16:01 66	4/11/2015 9:31 67	9/11/2015 16:01 66	14/11/2015 10:31 67	19/11/2015 17:31 64	25/11/2015 12:01 65
29/10/2015 16:31 66	4/11/2015 10:01 67	9/11/2015 16:31 66	14/11/2015 11:01 66	19/11/2015 18:01 65	25/11/2015 12:31 65
29/10/2015 17:01 66	4/11/2015 10:31 67	9/11/2015 17:01 66	14/11/2015 11:31 66	19/11/2015 18:31 64	25/11/2015 13:01 66
29/10/2015 17:31 66	4/11/2015 11:01 67	9/11/2015 17:31 66	14/11/2015 12:01 65	20/11/2015 7:01 64	25/11/2015 13:31 67
29/10/2015 18:01 66	4/11/2015 11:31 66	9/11/2015 18:01 66	14/11/2015 12:31 65	20/11/2015 7:31 65	25/11/2015 14:01 66
29/10/2015 18:31 66	4/11/2015 12:01 65	10/11/2015 7:01 64	14/11/2015 13:01 66	20/11/2015 8:01 65	25/11/2015 14:31 66
29/10/2015 19:01 65	4/11/2015 12:31 65	10/11/2015 7:31 64	14/11/2015 13:31 66	20/11/2015 8:31 65	25/11/2015 15:01 65
30/10/2015 7:01 65	4/11/2015 13:01 66	10/11/2015 8:01 64	14/11/2015 14:01 65	20/11/2015 9:01 65	25/11/2015 15:31 66
30/10/2015 7:31 66	4/11/2015 13:31 66	10/11/2015 8:31 64	14/11/2015 14:31 65	20/11/2015 9:31 65	25/11/2015 16:01 65
30/10/2015 8:01 66	4/11/2015 14:01 66	10/11/2015 9:01 64	14/11/2015 15:01 65	20/11/2015 10:01 65	25/11/2015 16:31 65
30/10/2015 8:31 66	4/11/2015 14:31 66	10/11/2015 9:31 65	14/11/2015 15:31 65	20/11/2015 10:31 66	25/11/2015 17:01 64
30/10/2015 9:01 65	4/11/2015 15:01 66	10/11/2015 10:01 66	14/11/2015 16:01 65	20/11/2015 11:01 66	25/11/2015 17:31 64
30/10/2015 9:31 65	4/11/2015 15:31 66	10/11/2015 10:31 65	14/11/2015 16:31 65	20/11/2015 11:31 65	25/11/2015 18:01 64
30/10/2015 10:01 66	4/11/2015 16:01 68	10/11/2015 11:01 65	14/11/2015 17:01 65	20/11/2015 12:01 65	25/11/2015 18:31 64
30/10/2015 10:31 66	4/11/2015 16:31 67	10/11/2015 11:31 65	14/11/2015 17:31 65	20/11/2015 12:31 65	26/11/2015 7:01 68
30/10/2015 11:01 66	4/11/2015 17:01 66	10/11/2015 12:01 65	14/11/2015 18:01 64	20/11/2015 13:01 66	26/11/2015 7:31 65
30/10/2015 11:31 66	4/11/2015 17:31 65	10/11/2015 12:31 65	14/11/2015 18:31 64	20/11/2015 13:31 66	26/11/2015 8:01 66
30/10/2015 12:01 65	4/11/2015 18:01 65	10/11/2015 13:01 66	16/11/2015 7:01 64	20/11/2015 14:01 66	26/11/2015 8:31 65
30/10/2015 12:31 65	5/11/2015 7:01 64	10/11/2015 13:31 65	16/11/2015 7:31 65	20/11/2015 14:31 67	26/11/2015 9:01 66
30/10/2015 13:01 65	5/11/2015 7:31 65	10/11/2015 14:01 65	16/11/2015 8:01 65	20/11/2015 15:01 67	26/11/2015 9:31 67
30/10/2015 13:31 66	5/11/2015 8:01 65	10/11/2015 14:31 65	16/11/2015 8:31 65	20/11/2015 15:31 67	26/11/2015 10:01 66
30/10/2015 14:01 66	5/11/2015 8:31 65	10/11/2015 15:01 65	16/11/2015 9:01 66	20/11/2015 16:01 67	26/11/2015 10:31 66
30/10/2015 14:31 66	5/11/2015 9:01 66	10/11/2015 15:31 67	16/11/2015 9:31 67	20/11/2015 16:31 66	26/11/2015 11:01 66
30/10/2015 15:01 67	5/11/2015 9:31 69	10/11/2015 16:01 67	16/11/2015 10:01 66	20/11/2015 17:01 65	26/11/2015 11:31 65
30/10/2015 15:31 66	5/11/2015 10:01 69	10/11/2015 16:31 67	16/11/2015 10:31 67	20/11/2015 17:31 64	26/11/2015 12:01 64
30/10/2015 16:01 66	5/11/2015 10:31 69	10/11/2015 17:01 66	16/11/2015 11:01 67	20/11/2015 18:01 65	26/11/2015 12:31 64
30/10/2015 16:31 66	5/11/2015 11:01 66	10/11/2015 17:31 66	16/11/2015 11:31 66	20/11/2015 18:31 66	26/11/2015 13:01 65
30/10/2015 17:01 66	5/11/2015 11:31 65	10/11/2015 18:01 66	16/11/2015 12:01 65	21/11/2015 7:01 63	26/11/2015 13:31 66
30/10/2015 17:31 66	5/11/2015 12:01 65	10/11/2015 18:31 65	16/11/2015 12:31 66	21/11/2015 7:31 65	26/11/2015 14:01 66
30/10/2015 18:01 64	5/11/2015 12:31 65	11/11/2015 7:01 64	16/11/2015 13:01 66	21/11/2015 8:01 66	26/11/2015 14:31 66
30/10/2015 18:31 65	5/11/2015 13:01 67	11/11/2015 7:31 64	16/11/2015 13:31 66	21/11/2015 8:31 66	26/11/2015 15:01 66
31/10/2015 7:01 63	5/11/2015 13:31 66	11/11/2015 8:01 64	16/11/2015 14:01 66	21/11/2015 9:01 67	26/11/2015 15:31 66
31/10/2015 7:31 64	5/11/2015 14:01 66	11/11/2015 8:31 65	16/11/2015 14:31 66	21/11/2015 9:31 68	26/11/2015 16:01 66
31/10/2015 8:01 65	5/11/2015 14:31 64	11/11/2015 9:01 65	16/11/2015 15:01 66	21/11/2015 10:01 67	26/11/2015 16:31 66
31/10/2015 8:31 65	5/11/2015 15:01 65	11/11/2015 9:31 66	16/11/2015 15:31 66	21/11/2015 10:31 66	26/11/2015 17:01 65
31/10/2015 9:01 65	5/11/2015 15:31 66	11/11/2015 10:01 66	16/11/2015 16:01 66	21/11/2015 11:01 66	26/11/2015 17:31 65
31/10/2015 9:31 66	5/11/2015 16:01 66	11/11/2015 10:31 66	16/11/2015 16:31 66	21/11/2015 11:31 65	26/11/2015 18:01 65
31/10/2015 10:01 66	5/11/2015 16:31 66	11/11/2015 11:01 66	16/11/2015 17:01 67	21/11/2015 12:01 65	26/11/2015 18:31 65
31/10/2015 10:31 66	5/11/2015 17:01 66	11/11/2015 11:31 65	16/11/2015 17:31 66	21/11/2015 12:31 65	27/11/2015 7:01 64
31/10/2015 11:01 66	5/11/2015 17:31 66	11/11/2015 12:01 65	16/11/2015 18:01 66	21/11/2015 13:01 66	27/11/2015 7:31 65
31/10/2015 11:31 65	5/11/2015 18:01 65	11/11/2015 12:31 66	17/11/2015 7:01 64	21/11/2015 13:31 67	27/11/2015 8:

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

Normal Day 19:00-23:00	30/10/2015 19:41 64	1/11/2015 8:46 64	1/11/2015 17:51 63	2/11/2015 22:56 63	5/11/2015 20:01 66
Sunday & Holiday	30/10/2015 19:46 65	1/11/2015 8:51 64	1/11/2015 17:56 65	3/11/2015 19:01 63	5/11/2015 20:06 66
07:00-23:00	30/10/2015 19:51 65	1/11/2015 8:56 64	1/11/2015 18:01 63	3/11/2015 19:06 63	5/11/2015 20:11 65
	30/10/2015 19:56 65	1/11/2015 9:01 64	1/11/2015 18:06 63	3/11/2015 19:11 62	5/11/2015 20:16 65
	30/10/2015 20:01 65	1/11/2015 9:06 64	1/11/2015 18:11 63	3/11/2015 19:16 62	5/11/2015 20:21 65
28/10/2015 19:01 65	30/10/2015 20:06 65	1/11/2015 9:11 63	1/11/2015 18:16 63	3/11/2015 19:21 62	5/11/2015 20:26 65
28/10/2015 19:06 65	30/10/2015 20:11 66	1/11/2015 9:16 65	1/11/2015 18:21 64	3/11/2015 19:26 63	5/11/2015 20:31 65
28/10/2015 19:11 65	30/10/2015 20:16 65	1/11/2015 9:21 64	1/11/2015 18:26 64	3/11/2015 19:31 62	5/11/2015 20:36 65
28/10/2015 19:16 65	30/10/2015 20:21 65	1/11/2015 9:26 64	1/11/2015 18:31 63	3/11/2015 19:36 62	5/11/2015 20:41 65
28/10/2015 19:21 65	30/10/2015 20:26 65	1/11/2015 9:31 65	1/11/2015 18:36 65	3/11/2015 19:41 62	5/11/2015 20:46 65
28/10/2015 19:26 66	30/10/2015 20:31 65	1/11/2015 9:36 64	1/11/2015 18:41 63	3/11/2015 19:46 63	5/11/2015 20:51 65
28/10/2015 19:31 65	30/10/2015 20:36 64	1/11/2015 9:41 65	1/11/2015 18:46 64	3/11/2015 19:51 62	5/11/2015 20:56 64
28/10/2015 19:36 65	30/10/2015 20:41 65	1/11/2015 9:46 65	1/11/2015 18:51 64	3/11/2015 19:56 64	5/11/2015 21:01 64
28/10/2015 19:41 65	30/10/2015 20:46 65	1/11/2015 9:51 65	1/11/2015 18:56 64	3/11/2015 20:01 64	5/11/2015 21:06 65
28/10/2015 19:46 66	30/10/2015 20:51 65	1/11/2015 9:56 66	1/11/2015 19:01 63	3/11/2015 20:06 64	5/11/2015 21:11 65
28/10/2015 19:51 66	30/10/2015 20:56 65	1/11/2015 10:01 64	1/11/2015 19:06 64	3/11/2015 20:11 64	5/11/2015 21:16 65
28/10/2015 19:56 65	30/10/2015 21:01 65	1/11/2015 10:06 64	1/11/2015 19:11 65	3/11/2015 20:16 65	5/11/2015 21:21 64
28/10/2015 20:01 65	30/10/2015 21:06 65	1/11/2015 10:11 64	1/11/2015 19:16 64	3/11/2015 20:21 65	5/11/2015 21:26 64
28/10/2015 20:06 65	30/10/2015 21:11 65	1/11/2015 10:16 65	1/11/2015 19:21 64	3/11/2015 20:26 64	5/11/2015 21:31 64
28/10/2015 20:11 65	30/10/2015 21:16 65	1/11/2015 10:21 64	1/11/2015 19:26 64	3/11/2015 20:31 65	5/11/2015 21:36 64
28/10/2015 20:16 65	30/10/2015 21:21 65	1/11/2015 10:26 64	1/11/2015 19:31 64	3/11/2015 20:36 64	5/11/2015 21:41 64
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29/10/2015 21:11 65	31/10/2015 22:16 63	1/11/2015 15:21 64	2/11/2015 20:26 64	4/11/2015 21:31 63	6/11/2015 22:36 63
29/10/2015 21:16 65	31/10/2015 22:21 63	1/11/2015 15:26 63	2/11/2015 20:31 63	4/11/2015 21:36 64	6/11/2015

Real-time Noise Data	RTN1 (Food and Environmental Hygiene Department Depot)										
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8/11/2015 7:16	62	8/11/2015 16:21	65	9/11/2015 21:26	65	11/11/2015 22:31	63	14/11/2015 19:36	63	15/11/2015 12:41	65
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8/11/2015 10:21	64	8/11/2015 19:26	64	10/11/2015 20:31	67	12/11/2015 21:36	64	14/11/2015 22:41	63	15/11/2015 15:46	64
8/11/2015 10:26	63	8/11/2015 19:31	64	10/11/2015 20:36	67	12/11/2015 21:41	64	14/11/2015 22:46	66	15/11/2015 15:51	64
8/11/2015 10:31	63	8/11/2015 19:36	64	10/11/2015 20:41	66	12/11/2015 21:46	64	14/11/2015 22:51	64	15/11/2015 15:56	64
8/11/2015 10:36	63	8/11/2015 19:41	65	10/11/2015 20:46	69	12/11/2015 21:51	64	14/11/2015 22:56	64	15/11/2015 16:01	65
8/11/2015 10:41	63	8/11/2015 19:46	64	10/11/2015 20:51	66	12/11/2015 21:56	64	15/11/2015 7:01	61	15/11/2015 16:06	64
8/11/2015 10:46	63	8/11/2015 19:51	64	10/11/2015 20:56	69	12/11/2015 22:01	64	15/11/2015 7:06	62	15/11/2015 16:11	64
8/11/2015 10:51	64	8/11/2015 19:56	63	10/11/2015 21:01	69	12/11/2015 22:06	64	15/11/2015 7:11	62	15/11/2015 16:16	63
8/11/2015 10:56	64	8/11/2015 20:01	63	10/11/2015 21:06	65	12/11/2015 22:11	64	15/11/2015 7:16	62	15/11/2015 16:21	65
8/11/2015 11:01	63	8/11/2015 20:06	63	10/11/2015 21:11	65	12/11/2015 22:16	65	15/11/2015 7:21	62	15/11/2015 16:26	64
8/11/2015 11:06	64	8/11/2015 20:11	65	10/11/2015 21:16							

Real-time Noise Data	RTN1 (Food and Environmental Hygiene Department Depot)				
25/11/2015 22:06 64		29/10/2015 0:51 57	30/10/2015 1:56 52	31/10/2015 3:01 52	1/11/2015 4:06 60
25/11/2015 22:11 63	Night time: 23:00-07:00	29/10/2015 0:56 56	30/10/2015 2:01 55	31/10/2015 3:06 49	1/11/2015 4:11 60
25/11/2015 22:16 64		29/10/2015 1:01 55	30/10/2015 2:06 55	31/10/2015 3:11 61	1/11/2015 4:16 60
25/11/2015 22:21 63	28/10/2015 0:01 52	29/10/2015 1:06 52	30/10/2015 2:11 50	31/10/2015 3:16 60	1/11/2015 4:21 61
25/11/2015 22:26 66	28/10/2015 0:06 54	29/10/2015 1:11 55	30/10/2015 2:16 51	31/10/2015 3:21 60	1/11/2015 4:26 61
25/11/2015 22:31 65	28/10/2015 0:11 62	29/10/2015 1:16 55	30/10/2015 2:21 51	31/10/2015 3:26 59	1/11/2015 4:31 60
25/11/2015 22:36 64	28/10/2015 0:16 48	29/10/2015 1:21 56	30/10/2015 2:26 50	31/10/2015 3:31 60	1/11/2015 4:36 60
25/11/2015 22:41 63	28/10/2015 0:21 48	29/10/2015 1:26 60	30/10/2015 2:31 48	31/10/2015 3:36 60	1/11/2015 4:41 60
25/11/2015 22:46 64	28/10/2015 0:26 36	29/10/2015 1:31 54	30/10/2015 2:36 52	31/10/2015 3:41 60	1/11/2015 4:46 60
25/11/2015 22:51 63	28/10/2015 0:31 62	29/10/2015 1:36 57	30/10/2015 2:41 51	31/10/2015 3:46 60	1/11/2015 4:51 60
25/11/2015 22:56 64	28/10/2015 0:36 62	29/10/2015 1:41 56	30/10/2015 2:46 53	31/10/2015 3:51 59	1/11/2015 4:56 60
26/11/2015 19:01 63	28/10/2015 0:41 62	29/10/2015 1:46 54	30/10/2015 2:51 52	31/10/2015 3:56 60	1/11/2015 5:01 60
26/11/2015 19:06 64	28/10/2015 0:46 61	29/10/2015 1:51 53	30/10/2015 2:56 54	31/10/2015 4:01 60	1/11/2015 5:06 60
26/11/2015 19:11 65	28/10/2015 0:51 61	29/10/2015 1:56 53	30/10/2015 3:01 49	31/10/2015 4:06 60	1/11/2015 5:11 61
26/11/2015 19:16 65	28/10/2015 0:56 61	29/10/2015 2:01 53	30/10/2015 3:06 62	31/10/2015 4:11 60	1/11/2015 5:16 60
26/11/2015 19:21 65	28/10/2015 1:01 62	29/10/2015 2:06 48	30/10/2015 3:11 62	31/10/2015 4:16 60	1/11/2015 5:21 61
26/11/2015 19:26 65	28/10/2015 1:06 61	29/10/2015 2:11 43	30/10/2015 3:16 47	31/10/2015 4:21 60	1/11/2015 5:26 60
26/11/2015 19:31 65	28/10/2015 1:11 61	29/10/2015 2:16 49	30/10/2015 3:21 50	31/10/2015 4:26 60	1/11/2015 5:31 60
26/11/2015 19:36 64	28/10/2015 1:16 60	29/10/2015 2:21 53	30/10/2015 3:26 53	31/10/2015 4:31 59	1/11/2015 5:36 60
26/11/2015 19:41 65	28/10/2015 1:21 61	29/10/2015 2:26 45	30/10/2015 3:31 43	31/10/2015 4:36 59	1/11/2015 5:41 60
26/11/2015 19:46 65	28/10/2015 1:26 61	29/10/2015 2:31 62	30/10/2015 3:36 51	31/10/2015 4:41 59	1/11/2015 5:46 60
26/11/2015 19:51 64	28/10/2015 1:31 60	29/10/2015 2:36 62	30/10/2015 3:41 42	31/10/2015 4:46 59	1/11/2015 5:51 61
26/11/2015 19:56 65	28/10/2015 1:36 61	29/10/2015 2:41 62	30/10/2015 3:46 62	31/10/2015 4:51 59	1/11/2015 5:56 60
26/11/2015 20:01 64	28/10/2015 1:41 60	29/10/2015 2:46 62	30/10/2015 3:51 39	31/10/2015 4:56 60	1/11/2015 6:01 61
26/11/2015 20:06 64	28/10/2015 1:46 60	29/10/2015 2:51 62	30/10/2015 3:56 48	31/10/2015 5:01 60	1/11/2015 6:06 60
26/11/2015 20:11 64	28/10/2015 1:51 61	29/10/2015 2:56 62	30/10/2015 4:01 62	31/10/2015 5:06 60	1/11/2015 6:11 61
26/11/2015 20:16 64	28/10/2015 1:56 60	29/10/2015 3:01 43	30/10/2015 4:06 62	31/10/2015 5:11 59	1/11/2015 6:16 61
26/11/2015 20:21 64	28/10/2015 2:01 60	29/10/2015 3:06 62	30/10/2015 4:11 51	31/10/2015 5:16 59	1/11/2015 6:21 62
26/11/2015 20:26 64	28/10/2015 2:06 60	29/10/2015 3:11 62	30/10/2015 4:16 62	31/10/2015 5:21 60	1/11/2015 6:26 61
26/11/2015 20:31 64	28/10/2015 2:11 59	29/10/2015 3:16 62	30/10/2015 4:21 53	31/10/2015 5:26 61	1/11/2015 6:31 48
26/11/2015 20:36 64	28/10/2015 2:16 59	29/10/2015 3:21 40	30/10/2015 4:26 39	31/10/2015 5:31 59	1/11/2015 6:36 61
26/11/2015 20:41 64	28/10/2015 2:21 59	29/10/2015 3:26 61	30/10/2015 4:31 50	31/10/2015 5:36 60	1/11/2015 6:41 59
26/11/2015 20:46 65	28/10/2015 2:26 59	29/10/2015 3:31 62	30/10/2015 4:36 46	31/10/2015 5:41 59	1/11/2015 6:46 50
26/11/2015 20:51 64	28/10/2015 2:31 60	29/10/2015 3:36 62	30/10/2015 4:41 62	31/10/2015 5:46 60	1/11/2015 6:51 46
26/11/2015 20:56 64	28/10/2015 2:36 58	29/10/2015 3:41 62	30/10/2015 4:46 42	31/10/2015 5:51 60	1/11/2015 6:56 54
26/11/2015 21:01 63	28/10/2015 2:41 59	29/10/2015 3:46 62	30/10/2015 4:51 62	31/10/2015 5:56 60	1/11/2015 7:01 55
26/11/2015 21:06 63	28/10/2015 2:46 58	29/10/2015 3:51 61	30/10/2015 4:56 58	31/10/2015 6:01 60	1/11/2015 7:06 46
26/11/2015 21:11 64	28/10/2015 2:51 59	29/10/2015 3:56 44	30/10/2015 5:01 51	31/10/2015 6:06 60	1/11/2015 7:11 56
26/11/2015 21:16 65	28/10/2015 2:56 60	29/10/2015 4:01 61	30/10/2015 5:06 45	31/10/2015 6:11 61	1/11/2015 7:16 54
26/11/2015 21:21 63	28/10/2015 3:01 58	29/10/2015 4:06 61	30/10/2015 5:11 52	31/10/2015 6:16 61	1/11/2015 7:21 53
26/11/2015 21:26 64	28/10/2015 3:06 59	29/10/2015 4:11 62	30/10/2015 5:16 62	31/10/2015 6:21 61	1/11/2015 7:26 55
26/11/2015 21:31 63	28/10/2015 3:11 58	29/10/2015 4:16 61	30/10/2015 5:21 52	31/10/2015 6:26 62	1/11/2015 7:31 53
26/11/2015 21:36 64	28/10/2015 3:16 58	29/10/2015 4:21 62	30/10/2015 5:26 52	31/10/2015 6:31 62	1/11/2015 7:36 50
26/11/2015 21:41 63	28/10/2015 3:21 58	29/10/2015 4:26 62	30/10/2015 5:31 43	31/10/2015 6:36 46	1/11/2015 7:41 54
26/11/2015 21:46 64	28/10/2015 3:26 58	29/10/2015 4:31 61	30/10/2015 5:36 49	31/10/2015 6:41 61	1/11/2015 7:46 62
26/11/2015 21:51 64	28/10/2015 3:31 58	29/10/2015 4:36 62	30/10/2015 5:41 54	31/10/2015 6:46 54	1/11/2015 7:51 62
26/11/2015 21:56 64	28/10/2015 3:36 58	29/10/2015 4:41 62	30/10/2015 5:46 51	31/10/2015 6:51 55	1/11/2015 7:56 57
26/11/2015 22:01 64	28/10/2015 3:41 58	29/10/2015 4:46 62	30/10/2015 5:51 55	31/10/2015 6:56 56	2/11/2015 0:01 62
26/11/2015 22:06 64	28/10/2015 3:46 58	29/10/2015 4:51 61	30/10/2015 5:56 55	31/10/2015 7:01 57	2/11/2015 0:06 61
26/11/2015 22:11 64	28/10/2015 3:51 57	29/10/2015 4:56 47	30/10/2015 6:01 55	31/10/2015 7:06 55	2/11/2015 0:11 51
26/11/2015 22:16 64	28/10/2015 3:56 58	29/10/2015 5:01 62	30/10/2015 6:06 57	31/10/2015 7:11 54	2/11/2015 0:16 61
26/11/2015 22:21 64	28/10/2015 4:01 57	29/10/2015 5:06 61	30/10/2015 6:11 58	31/10/2015 7:16 55	2/11/2015 0:21 61
26/11/2015 22:26 63	28/10/2015 4:06 59	29/10/2015 5:11 62	30/10/2015 6:16 58	31/10/2015 7:21 58	2/11/2015 0:26 61
26/11/2015 22:31 63	28/10/2015 4:11 57	29/10/2015 5:16 49	30/10/2015 6:21 59	31/10/2015 7:26 63	2/11/2015 0:31 61
26/11/2015 22:36 64	28/10/2015 4:16 58	29/10/2015 5:21 62	30/10/2015 6:26 60	31/10/2015 7:31 58	2/11/2015 0:36 60
26/11/2015 22:41 64	28/10/2015 4:21 59	29/10/2015 5:26 49	30/10/2015 6:31 61	31/10/2015 7:36 56	2/11/2015 0:41 60
26/11/2015 22:46 63	28/10/2015 4:26 58	29/10/2015 5:31 45	30/10/2015 6:36 61	31/10/2015 7:41 57	2/11/2015 0:46 60
26/11/2015 22:51 64	28/10/2015 4:31 59	29/10/2015 5:36 54	30/10/2015 6:41 61	31/10/2015 7:46 58	2/11/2015 0:51 61
26/11/2015 22:56 64	28/10/2015 4:36 58	29/10/2015 5:41 55	30/10/2015 6:46 62	31/10/2015 7:51 56	2/11/2015 0:56 61
27/11/2015 19:01 64	28/10/2015 4:41 59	29/10/2015 5:46 53	30/10/2015 6:51 62	31/10/2015 7:56 56	2/11/2015 1:01 62
27/11/2015 19:06 64	28/10/2015 4:46 58	29/10/2015 5:51 53	30/10/2015 6:56 62	1/11/2015 0:01 54	2/11/2015 1:06 60
27/11/2015 19:11 64	28/10/2015 4:51 58	29/10/2015 5:56 54	30/10/2015 7:01 61	1/11/2015 0:06 54	2/11/2015 1:11 59
27/11/2015 19:16 63	28/10/2015 4:56 58	29/10/2015 6:01 54	30/10/2015 7:06 61	1/11/2015 0:11 60	2/11/2015 1:16 58
27/11/2015 19:21 63	28/10/2015 5:01 59	29/10/2015 6:06 55	30/10/2015 7:11 61	1/11/2015 0:16 56	2/11/2015 1:21 61
27/11/2015 19:26 63	28/10/2015 5:06 58	29/10/2015 6:11 58	30/10/2015 7:16 62	1/11/2015 0:21 47	2/11/2015 1:26 59
27/11/2015 19:31 62	28/10/2015 5:11 58	29/10/2015 6:16 58	30/10/2015 7:21 62	1/11/2015 0:26 59	2/11/2015 1:31 59
27/11/2015 19:36 62	28/10/2015 5:16 59	29/10/2015 6:21 59	30/10/2015 7:26 62	1/11/2015 0:31 61	2/11/2015 1:36 59
27/11/2015 19:41 62	28/10/2015 5:21 59	29/10/2015 6:26 59	30/10/2015 7:31 61	1/11/2015 0:36 62	2/11/2015 1:41 59
27/11/2015 19:46 62	28/10/2015 5:26 59	29/10/2015 6:31 61	30/10/2015 7:36 62	1/11/2015 0:41 36	2/11/2015 1:46 59
27/11/2015 19:51 63	28/10/2015 5:31 59	29/10/2015 6:36 60	30/10/2015 7:41 61	1/11/2015 0:46 62	2/11/2015 1:51 59
27/11/2015 19:56 62	28/10/2015 5:36 59	29/10/2015 6:41 61	30/10/2015 7:46 61	1/11/2015 0:51 62	2/11/2015 1:56 59
27/11/2015 20:01 63	28/10/2015 5:41 60	29/10/2015 6:46 62	30/10/2015 7:51 61	1/11/2015 0:56 58	2/11/2015 2:01 58
27/11/2015 20:06 63	28/10/2015 5:46 60	29/10/2015 6:51 62	30/10/2015 7:56 61	1/11/2015 1:01 61	2/11/2015 2:06 58
27/11/2015 20:11 63	28/10/2015 5:51 60	29/10/2015 6:56 61	31/10/2015 0:01 60	1/11/2015 1:06 62	2/11/2015 2:11 57
27/11/2015 20:16 64	28/10/2015 5:56 60	29/10/2015 7:01 62	31/10/2015 0:06 60	1/11/2015 1:11 62	2/11/2015 2:16 58
27/11/2015 20:21 64	28/10/2015 6:01 60	29/10/2015 7:06 61	31/10/2015 0:11 61	1/11/2015 1:16 61	2/11/2015 2:21 57
27/11/2015 20:26 65	28/10/2015 6:06 60	29/10/2015 7:11 61	31/10/2015 0:16 61	1/11/2015 1:21 61	2/11/2015 2:26 58
27/11/2015 20:31 65	28/10/2015 6:11 62	29/10/2015 7:16 61	31/10/2015 0:21 60	1/11/2015 1:26 61	2/11/2015 2:31 57
27/11/2015 20:36 64	28/10/2015 6:16 62	29/10/2015 7:21 61	31/10/2015 0:26 58	1/11/2015 1:31 61	2/11/2015 2:36 57
27/11/2015 20:41 64	28/10/2015 6:21 50	29/10/2015 7:26 61	31/10/2015 0:31 60	1/11/2015 1:36 61	2/11/2015 2:41 57
27/11/2015 20:46 64	28/10/2015 6:26 55	29/10/2015 7:31 61	31/10/2015 0:36 59	1/11/2015 1:41 61	2/11/2015 2:46 58
27/11/2015 20:51 65	28/10/2015 6:31 52	29/10/2015 7:36 61	31/10/2015 0:41 59	1/11/2015 1:46	

Real-time Noise Data		RTN1 (Food and Environmental Hygiene Department Depot)									
2/11/2015 5:11	59	3/11/2015 6:16	61	4/11/2015 23:21	57	6/11/2015 0:26	58	7/11/2015 1:31	61	8/11/2015 2:36	59
2/11/2015 5:16	58	3/11/2015 6:21	62	4/11/2015 23:26	53	6/11/2015 0:31	60	7/11/2015 1:36	61	8/11/2015 2:41	60
2/11/2015 5:21	59	3/11/2015 6:26	62	4/11/2015 23:31	56	6/11/2015 0:36	58	7/11/2015 1:41	61	8/11/2015 2:46	60
2/11/2015 5:26	59	3/11/2015 6:31	52	4/11/2015 23:36	56	6/11/2015 0:41	57	7/11/2015 1:46	60	8/11/2015 2:51	60
2/11/2015 5:31	60	3/11/2015 6:36	57	4/11/2015 23:41	54	6/11/2015 0:46	58	7/11/2015 1:51	61	8/11/2015 2:56	59
2/11/2015 5:36	60	3/11/2015 6:41	56	4/11/2015 23:46	55	6/11/2015 0:51	56	7/11/2015 1:56	61	8/11/2015 3:01	60
2/11/2015 5:41	60	3/11/2015 6:46	58	4/11/2015 23:51	55	6/11/2015 0:56	57	7/11/2015 2:01	61	8/11/2015 3:06	60
2/11/2015 5:46	60	3/11/2015 6:51	59	4/11/2015 23:56	50	6/11/2015 1:01	56	7/11/2015 2:06	61	8/11/2015 3:11	58
2/11/2015 5:51	60	3/11/2015 6:56	58	5/11/2015 0:01	43	6/11/2015 1:06	54	7/11/2015 2:11	61	8/11/2015 3:16	60
2/11/2015 5:56	60	3/11/2015 23:01	59	5/11/2015 0:06	40	6/11/2015 1:11	55	7/11/2015 2:16	61	8/11/2015 3:21	60
2/11/2015 6:01	60	3/11/2015 23:06	58	5/11/2015 0:11	47	6/11/2015 1:16	55	7/11/2015 2:21	61	8/11/2015 3:26	60
2/11/2015 6:06	61	3/11/2015 23:11	57	5/11/2015 0:16	62	6/11/2015 1:21	56	7/11/2015 2:26	48	8/11/2015 3:31	59
2/11/2015 6:11	61	3/11/2015 23:16	57	5/11/2015 0:21	61	6/11/2015 1:26	53	7/11/2015 2:31	60	8/11/2015 3:36	60
2/11/2015 6:16	61	3/11/2015 23:21	56	5/11/2015 0:26	62	6/11/2015 1:31	52	7/11/2015 2:36	60	8/11/2015 3:41	59
2/11/2015 6:21	62	3/11/2015 23:26	57	5/11/2015 0:31	62	6/11/2015 1:36	54	7/11/2015 2:41	60	8/11/2015 3:46	59
2/11/2015 6:26	55	3/11/2015 23:31	55	5/11/2015 0:36	61	6/11/2015 1:41	55	7/11/2015 2:46	60	8/11/2015 3:51	61
2/11/2015 6:31	53	3/11/2015 23:36	39	5/11/2015 0:41	62	6/11/2015 1:46	53	7/11/2015 2:51	60	8/11/2015 3:56	60
2/11/2015 6:36	57	3/11/2015 23:41	48	5/11/2015 0:46	60	6/11/2015 1:51	52	7/11/2015 2:56	61	8/11/2015 4:01	59
2/11/2015 6:41	58	3/11/2015 23:46	51	5/11/2015 0:51	36	6/11/2015 1:56	51	7/11/2015 3:01	60	8/11/2015 4:06	60
2/11/2015 6:46	59	3/11/2015 23:51	47	5/11/2015 0:56	60	6/11/2015 2:01	49	7/11/2015 3:06	60	8/11/2015 4:11	59
2/11/2015 6:51	60	3/11/2015 23:56	49	5/11/2015 1:01	60	6/11/2015 2:06	54	7/11/2015 3:11	60	8/11/2015 4:16	59
2/11/2015 6:56	58	4/11/2015 0:01	62	5/11/2015 1:06	60	6/11/2015 2:11	52	7/11/2015 3:16	60	8/11/2015 4:21	59
2/11/2015 23:01	59	4/11/2015 0:06	57	5/11/2015 1:11	60	6/11/2015 2:16	62	7/11/2015 3:21	60	8/11/2015 4:26	59
2/11/2015 23:06	53	4/11/2015 0:11	53	5/11/2015 1:16	60	6/11/2015 2:21	48	7/11/2015 3:26	60	8/11/2015 4:31	60
2/11/2015 23:11	54	4/11/2015 0:16	61	5/11/2015 1:21	61	6/11/2015 2:26	62	7/11/2015 3:31	60	8/11/2015 4:36	59
2/11/2015 23:16	56	4/11/2015 0:21	63	5/11/2015 1:26	60	6/11/2015 2:31	62	7/11/2015 3:36	61	8/11/2015 4:41	59
2/11/2015 23:21	59	4/11/2015 0:26	61	5/11/2015 1:31	60	6/11/2015 2:36	43	7/11/2015 3:41	60	8/11/2015 4:46	59
2/11/2015 23:26	51	4/11/2015 0:31	61	5/11/2015 1:36	60	6/11/2015 2:41	61	7/11/2015 3:46	59	8/11/2015 4:51	58
2/11/2015 23:31	55	4/11/2015 0:36	61	5/11/2015 1:41	60	6/11/2015 2:46	51	7/11/2015 3:51	59	8/11/2015 4:56	59
2/11/2015 23:36	48	4/11/2015 0:41	61	5/11/2015 1:46	60	6/11/2015 2:51	62	7/11/2015 3:56	60	8/11/2015 5:01	58
2/11/2015 23:41	50	4/11/2015 0:46	61	5/11/2015 1:51	60	6/11/2015 2:56	52	7/11/2015 4:01	59	8/11/2015 5:06	59
2/11/2015 23:46	52	4/11/2015 0:51	60	5/11/2015 1:56	60	6/11/2015 3:01	62	7/11/2015 4:06	59	8/11/2015 5:11	59
2/11/2015 23:51	53	4/11/2015 0:56	61	5/11/2015 2:01	61	6/11/2015 3:06	59	7/11/2015 4:11	60	8/11/2015 5:16	59
2/11/2015 23:56	54	4/11/2015 1:01	60	5/11/2015 2:06	60	6/11/2015 3:11	58	7/11/2015 4:16	60	8/11/2015 5:21	59
3/11/2015 0:01	51	4/11/2015 1:06	60	5/11/2015 2:11	58	6/11/2015 3:16	58	7/11/2015 4:21	59	8/11/2015 5:26	59
3/11/2015 0:06	54	4/11/2015 1:11	61	5/11/2015 2:16	59	6/11/2015 3:21	57	7/11/2015 4:26	60	8/11/2015 5:31	59
3/11/2015 0:11	61	4/11/2015 1:16	60	5/11/2015 2:21	59	6/11/2015 3:26	58	7/11/2015 4:31	59	8/11/2015 5:36	59
3/11/2015 0:16	61	4/11/2015 1:21	60	5/11/2015 2:26	60	6/11/2015 3:31	58	7/11/2015 4:36	58	8/11/2015 5:41	60
3/11/2015 0:21	61	4/11/2015 1:26	59	5/11/2015 2:31	59	6/11/2015 3:36	58	7/11/2015 4:41	59	8/11/2015 5:46	60
3/11/2015 0:26	52	4/11/2015 1:31	60	5/11/2015 2:36	59	6/11/2015 3:41	58	7/11/2015 4:46	58	8/11/2015 5:51	60
3/11/2015 0:31	53	4/11/2015 1:36	60	5/11/2015 2:41	59	6/11/2015 3:46	58	7/11/2015 4:51	59	8/11/2015 5:56	59
3/11/2015 0:36	53	4/11/2015 1:41	60	5/11/2015 2:46	59	6/11/2015 3:51	57	7/11/2015 4:56	59	8/11/2015 6:01	60
3/11/2015 0:41	60	4/11/2015 1:46	61	5/11/2015 2:51	58	6/11/2015 3:56	58	7/11/2015 5:01	58	8/11/2015 6:06	60
3/11/2015 0:46	61	4/11/2015 1:51	61	5/11/2015 2:56	58	6/11/2015 4:01	57	7/11/2015 5:06	59	8/11/2015 6:11	60
3/11/2015 0:51	61	4/11/2015 1:56	59	5/11/2015 3:01	58	6/11/2015 4:06	58	7/11/2015 5:11	59	8/11/2015 6:16	60
3/11/2015 0:56	61	4/11/2015 2:01	60	5/11/2015 3:06	59	6/11/2015 4:11	58	7/11/2015 5:16	59	8/11/2015 6:21	60
3/11/2015 1:01	60	4/11/2015 2:06	60	5/11/2015 3:11	58	6/11/2015 4:16	57	7/11/2015 5:21	59	8/11/2015 6:26	61
3/11/2015 1:06	60	4/11/2015 2:11	59	5/11/2015 3:16	58	6/11/2015 4:21	58	7/11/2015 5:26	58	8/11/2015 6:31	61
3/11/2015 1:11	60	4/11/2015 2:16	58	5/11/2015 3:21	58	6/11/2015 4:26	59	7/11/2015 5:31	59	8/11/2015 6:36	61
3/11/2015 1:16	60	4/11/2015 2:21	59	5/11/2015 3:26	58	6/11/2015 4:31	58	7/11/2015 5:36	59	8/11/2015 6:41	62
3/11/2015 1:21	61	4/11/2015 2:26	59	5/11/2015 3:31	58	6/11/2015 4:36	58	7/11/2015 5:41	60	8/11/2015 6:46	61
3/11/2015 1:26	60	4/11/2015 2:31	58	5/11/2015 3:36	58	6/11/2015 4:41	57	7/11/2015 5:46	60	8/11/2015 6:51	48
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3/11/2015 1:36	60	4/11/2015 2:41	58	5/11/2015 3:46	58	6/11/2015 4:51	58	7/11/2015 5:56	60	8/11/2015 23:01	54
3/11/2015 1:41	60	4/11/2015 2:46	58	5/11/2015 3:51	59	6/11/2015 4:56	59	7/11/2015 6:01	60	8/11/2015 23:06	62
3/11/2015 1:46	59	4/11/2015 2:51	58	5/11/2015 3:56	58	6/11/2015 5:01	58	7/11/2015 6:06	60	8/11/2015 23:11	51
3/11/2015 1:51	59	4/11/2015 2:56	59	5/11/2015 4:01	58	6/11/2015 5:06	58	7/11/2015 6:11	61	8/11/2015 23:16	56
3/11/2015 1:56	60	4/11/2015 3:01	58	5/11/2015 4:06	59	6/11/2015 5:11	58	7/11/2015 6:16	61	8/11/2015 23:21	56
3/11/2015 2:01	59	4/11/2015 3:06	58	5/11/2015 4:11	57	6/11/2015 5:16	58	7/11/2015 6:21	61	8/11/2015 23:26	56
3/11/2015 2:06	60	4/11/2015 3:11	59	5/11/2015 4:16	59	6/11/2015 5:21	59	7/11/2015 6:26	62	8/11/2015 23:31	47
3/11/2015 2:11	59	4/11/2015 3:16	58	5/11/2015 4:21	59	6/11/2015 5:26	59	7/11/2015 6:31	61	8/11/2015 23:36	48
3/11/2015 2:16	59	4/11/2015 3:21	58	5/11/2015 4:26	58	6/11/2015 5:31	59	7/11/2015 6:36	42	8/11/2015 23:41	47
3/11/2015 2:21	59	4/11/2015 3:26	58	5/11/2015 4:31	58	6/11/2015 5:36	60	7/11/2015 6:41	53	8/11/2015 23:46	42
3/11/2015 2:26	59	4/11/2015 3:31	57	5/11/2015 4:36	59	6/11/2015 5:41	60	7/11/2015 6:46	54	8/11/2015 23:51	48
3/11/2015 2:31	59	4/11/2015 3:36	58	5/11/2015 4:41	59	6/11/2015 5:46	60	7/11/2015 6:51	56	8/11/2015 23:56	62
3/11/2015 2:36	58	4/11/2015 3:41	57	5/11/2015 4:46	58	6/11/2015 5:51	60	7/11/2015 6:56	58	9/11/2015 0:01	36
3/11/2015 2:41	58	4/11/2015 3:46	58	5/11/2015 4:51	59	6/11/2015 5:56	60	7/11/2015 23:01	54	9/11/2015 0:06	61
3/11/2015 2:46	58	4/11/2015 3:51	58	5/11/2015 4:56	58	6/11/2015 6:01	59	7/11/2015 23:06	58	9/11/2015 0:11	61
3/11/2015 2:51	59	4/11/2015 3:56	58	5/11/2015 5:01	59	6/11/2015 6:06	61	7/11/2015 23:11	57	9/11/2015 0:16	61
3/11/2015 2:56	58	4/11/2015 4:01	57	5/11/2015 5:06	58	6/11/2015 6:11	60	7/11/2015 23:16	56	9/11/2015 0:21	61
3/11/2015 3:01	58	4/11/2015 4:06	58	5/11/2015 5:11	58	6/11/2015 6:16	62	7/11/2015 23:21	54	9/11/2015 0:26	61
3/11/2015 3:06	57	4/11/2015 4:11	58	5/11/2015 5:16	58	6/11/2015 6:21	61	7/11/2015 23:26	56	9/11/2015 0:31	61
3/11/2015 3:11	57	4/11/2015 4:16	58	5/11/2015 5:21	59	6/11/2015 6:26	48	7/11/2015 23:31	56	9/11/2015 0:36	61
3/11/2015 3:16	57	4/11/2015 4:21	59	5/11/2015 5:26	59	6/11/2015 6:31	62	7/11/2015 23:36	56	9/11/2015 0:41	61
3/11/2015 3:21	57	4/11/2015 4:26	58	5/11/2015 5:31	59	6/11/2015 6:36	55	7/11/2015 23:41	57	9/11/2015 0:46	60
3/11/2015 3:26	57	4/11/2015 4:31	57	5/11/2015 5:36	59	6/11/2015 6:41	55	7/11/2015 23:46	57	9/11/2015 0:	

Real-time Noise Data		RTN1 (Food and Environmental Hygiene Department Depot)									
9/11/2015 3:41	57	10/11/2015 4:46	58	11/11/2015 5:51	61	12/11/2015 6:56	58	14/11/2015 0:01	60	15/11/2015 1:06	54
9/11/2015 3:46	56	10/11/2015 4:51	58	11/11/2015 5:56	61	12/11/2015 23:01	56	14/11/2015 0:06	59	15/11/2015 1:11	56
9/11/2015 3:51	58	10/11/2015 4:56	58	11/11/2015 6:01	61	12/11/2015 23:06	55	14/11/2015 0:11	58	15/11/2015 1:16	61
9/11/2015 3:56	57	10/11/2015 5:01	59	11/11/2015 6:06	61	12/11/2015 23:11	55	14/11/2015 0:16	58	15/11/2015 1:21	36
9/11/2015 4:01	58	10/11/2015 5:06	58	11/11/2015 6:11	62	12/11/2015 23:16	54	14/11/2015 0:21	57	15/11/2015 1:26	43
9/11/2015 4:06	56	10/11/2015 5:11	58	11/11/2015 6:16	43	12/11/2015 23:21	56	14/11/2015 0:26	57	15/11/2015 1:31	61
9/11/2015 4:11	58	10/11/2015 5:16	58	11/11/2015 6:21	53	12/11/2015 23:26	57	14/11/2015 0:31	58	15/11/2015 1:36	62
9/11/2015 4:16	58	10/11/2015 5:21	58	11/11/2015 6:26	59	12/11/2015 23:31	57	14/11/2015 0:36	57	15/11/2015 1:41	62
9/11/2015 4:21	58	10/11/2015 5:26	59	11/11/2015 6:31	57	12/11/2015 23:36	58	14/11/2015 0:41	57	15/11/2015 1:46	56
9/11/2015 4:26	58	10/11/2015 5:31	60	11/11/2015 6:36	59	12/11/2015 23:41	57	14/11/2015 0:46	55	15/11/2015 1:51	61
9/11/2015 4:31	58	10/11/2015 5:36	60	11/11/2015 6:41	60	12/11/2015 23:46	57	14/11/2015 0:51	55	15/11/2015 1:56	61
9/11/2015 4:36	58	10/11/2015 5:41	59	11/11/2015 6:46	61	12/11/2015 23:51	58	14/11/2015 0:56	54	15/11/2015 2:01	62
9/11/2015 4:41	58	10/11/2015 5:46	60	11/11/2015 6:51	61	12/11/2015 23:56	59	14/11/2015 1:01	55	15/11/2015 2:06	60
9/11/2015 4:46	57	10/11/2015 5:51	61	11/11/2015 6:56	61	13/11/2015 0:01	57	14/11/2015 1:06	51	15/11/2015 2:11	61
9/11/2015 4:51	58	10/11/2015 5:56	60	11/11/2015 23:01	52	13/11/2015 0:06	57	14/11/2015 1:11	53	15/11/2015 2:16	61
9/11/2015 4:56	57	10/11/2015 6:01	60	11/11/2015 23:06	51	13/11/2015 0:11	56	14/11/2015 1:16	51	15/11/2015 2:21	61
9/11/2015 5:01	58	10/11/2015 6:06	60	11/11/2015 23:11	57	13/11/2015 0:16	58	14/11/2015 1:21	52	15/11/2015 2:26	60
9/11/2015 5:06	58	10/11/2015 6:11	60	11/11/2015 23:16	54	13/11/2015 0:21	59	14/11/2015 1:26	54	15/11/2015 2:31	60
9/11/2015 5:11	58	10/11/2015 6:16	61	11/11/2015 23:21	54	13/11/2015 0:26	59	14/11/2015 1:31	43	15/11/2015 2:36	60
9/11/2015 5:16	60	10/11/2015 6:21	61	11/11/2015 23:26	59	13/11/2015 0:31	57	14/11/2015 1:36	62	15/11/2015 2:41	60
9/11/2015 5:21	59	10/11/2015 6:26	44	11/11/2015 23:31	58	13/11/2015 0:36	56	14/11/2015 1:41	54	15/11/2015 2:46	60
9/11/2015 5:26	59	10/11/2015 6:31	56	11/11/2015 23:36	60	13/11/2015 0:41	53	14/11/2015 1:46	50	15/11/2015 2:51	60
9/11/2015 5:31	58	10/11/2015 6:36	55	11/11/2015 23:41	47	13/11/2015 0:46	52	14/11/2015 1:51	52	15/11/2015 2:56	59
9/11/2015 5:36	60	10/11/2015 6:41	57	11/11/2015 23:46	55	13/11/2015 0:51	52	14/11/2015 1:56	46	15/11/2015 3:01	60
9/11/2015 5:41	59	10/11/2015 6:46	58	11/11/2015 23:51	42	13/11/2015 0:56	46	14/11/2015 2:01	62	15/11/2015 3:06	60
9/11/2015 5:46	60	10/11/2015 6:51	57	11/11/2015 23:56	56	13/11/2015 1:01	61	14/11/2015 2:06	61	15/11/2015 3:11	60
9/11/2015 5:51	60	10/11/2015 6:56	58	12/11/2015 0:01	62	13/11/2015 1:06	47	14/11/2015 2:11	62	15/11/2015 3:16	60
9/11/2015 5:56	60	10/11/2015 23:01	60	12/11/2015 0:06	45	13/11/2015 1:11	61	14/11/2015 2:16	42	15/11/2015 3:21	60
9/11/2015 6:01	60	10/11/2015 23:06	61	12/11/2015 0:11	62	13/11/2015 1:16	61	14/11/2015 2:21	62	15/11/2015 3:26	60
9/11/2015 6:06	61	10/11/2015 23:11	61	12/11/2015 0:16	62	13/11/2015 1:21	61	14/11/2015 2:26	62	15/11/2015 3:31	60
9/11/2015 6:11	61	10/11/2015 23:16	62	12/11/2015 0:21	61	13/11/2015 1:26	61	14/11/2015 2:31	62	15/11/2015 3:36	60
9/11/2015 6:16	62	10/11/2015 23:21	60	12/11/2015 0:26	62	13/11/2015 1:31	60	14/11/2015 2:36	61	15/11/2015 3:41	59
9/11/2015 6:21	43	10/11/2015 23:26	61	12/11/2015 0:31	46	13/11/2015 1:36	54	14/11/2015 2:41	62	15/11/2015 3:46	59
9/11/2015 6:26	62	10/11/2015 23:31	61	12/11/2015 0:36	61	13/11/2015 1:41	57	14/11/2015 2:46	61	15/11/2015 3:51	60
9/11/2015 6:31	51	10/11/2015 23:36	60	12/11/2015 0:41	61	13/11/2015 1:46	50	14/11/2015 2:51	62	15/11/2015 3:56	59
9/11/2015 6:36	57	10/11/2015 23:41	61	12/11/2015 0:46	61	13/11/2015 1:51	54	14/11/2015 2:56	61	15/11/2015 4:01	59
9/11/2015 6:41	53	10/11/2015 23:46	59	12/11/2015 0:51	62	13/11/2015 1:56	65	14/11/2015 3:01	61	15/11/2015 4:06	60
9/11/2015 6:46	58	10/11/2015 23:51	60	12/11/2015 0:56	61	13/11/2015 2:01	65	14/11/2015 3:06	61	15/11/2015 4:11	59
9/11/2015 6:51	57	10/11/2015 23:56	63	12/11/2015 1:01	61	13/11/2015 2:06	58	14/11/2015 3:11	61	15/11/2015 4:16	59
9/11/2015 6:56	58	11/11/2015 0:01	59	12/11/2015 1:06	61	13/11/2015 2:11	61	14/11/2015 3:16	61	15/11/2015 4:21	59
9/11/2015 23:01	60	11/11/2015 0:06	60	12/11/2015 1:11	61	13/11/2015 2:16	40	14/11/2015 3:21	61	15/11/2015 4:26	59
9/11/2015 23:06	62	11/11/2015 0:11	58	12/11/2015 1:16	60	13/11/2015 2:21	58	14/11/2015 3:26	61	15/11/2015 4:31	59
9/11/2015 23:11	61	11/11/2015 0:16	59	12/11/2015 1:21	61	13/11/2015 2:26	62	14/11/2015 3:31	60	15/11/2015 4:36	58
9/11/2015 23:16	60	11/11/2015 0:21	59	12/11/2015 1:26	60	13/11/2015 2:31	66	14/11/2015 3:36	61	15/11/2015 4:41	59
9/11/2015 23:21	59	11/11/2015 0:26	58	12/11/2015 1:31	60	13/11/2015 2:36	54	14/11/2015 3:41	60	15/11/2015 4:46	60
9/11/2015 23:26	60	11/11/2015 0:31	57	12/11/2015 1:36	60	13/11/2015 2:41	53	14/11/2015 3:46	61	15/11/2015 4:51	59
9/11/2015 23:31	60	11/11/2015 0:36	58	12/11/2015 1:41	60	13/11/2015 2:46	45	14/11/2015 3:51	61	15/11/2015 4:56	59
9/11/2015 23:36	58	11/11/2015 0:41	56	12/11/2015 1:46	60	13/11/2015 2:51	61	14/11/2015 3:56	60	15/11/2015 5:01	59
9/11/2015 23:41	60	11/11/2015 0:46	58	12/11/2015 1:51	60	13/11/2015 2:56	60	14/11/2015 4:01	60	15/11/2015 5:06	60
9/11/2015 23:46	60	11/11/2015 0:51	57	12/11/2015 1:56	60	13/11/2015 3:01	60	14/11/2015 4:06	61	15/11/2015 5:11	59
9/11/2015 23:51	58	11/11/2015 0:56	56	12/11/2015 2:01	60	13/11/2015 3:06	60	14/11/2015 4:11	60	15/11/2015 5:16	60
9/11/2015 23:56	58	11/11/2015 1:01	53	12/11/2015 2:06	59	13/11/2015 3:11	60	14/11/2015 4:16	60	15/11/2015 5:21	62
10/11/2015 0:01	60	11/11/2015 1:06	51	12/11/2015 2:11	59	13/11/2015 3:16	59	14/11/2015 4:21	60	15/11/2015 5:26	59
10/11/2015 0:06	57	11/11/2015 1:11	56	12/11/2015 2:16	59	13/11/2015 3:21	60	14/11/2015 4:26	60	15/11/2015 5:31	59
10/11/2015 0:11	58	11/11/2015 1:16	51	12/11/2015 2:21	60	13/11/2015 3:26	59	14/11/2015 4:31	60	15/11/2015 5:36	59
10/11/2015 0:16	58	11/11/2015 1:21	50	12/11/2015 2:26	60	13/11/2015 3:31	60	14/11/2015 4:36	60	15/11/2015 5:41	60
10/11/2015 0:21	58	11/11/2015 1:26	42	12/11/2015 2:31	59	13/11/2015 3:36	60	14/11/2015 4:41	59	15/11/2015 5:46	60
10/11/2015 0:26	57	11/11/2015 1:31	62	12/11/2015 2:36	59	13/11/2015 3:41	58	14/11/2015 4:46	60	15/11/2015 5:51	60
10/11/2015 0:31	59	11/11/2015 1:36	51	12/11/2015 2:41	59	13/11/2015 3:46	60	14/11/2015 4:51	60	15/11/2015 5:56	60
10/11/2015 0:36	55	11/11/2015 1:41	45	12/11/2015 2:46	59	13/11/2015 3:51	60	14/11/2015 4:56	59	15/11/2015 6:01	60
10/11/2015 0:41	57	11/11/2015 1:46	62	12/11/2015 2:51	59	13/11/2015 3:56	62	14/11/2015 5:01	60	15/11/2015 6:06	60
10/11/2015 0:46	60	11/11/2015 1:51	50	12/11/2015 2:56	58	13/11/2015 4:01	61	14/11/2015 5:06	60	15/11/2015 6:11	60
10/11/2015 0:51	57	11/11/2015 1:56	36	12/11/2015 3:01	59	13/11/2015 4:06	61	14/11/2015 5:11	59	15/11/2015 6:16	61
10/11/2015 0:56	58	11/11/2015 2:01	52	12/11/2015 3:06	58	13/11/2015 4:11	56	14/11/2015 5:16	60	15/11/2015 6:21	61
10/11/2015 1:01	49	11/11/2015 2:06	49	12/11/2015 3:11	59	13/11/2015 4:16	63	14/11/2015 5:21	45	15/11/2015 6:26	61
10/11/2015 1:06	54	11/11/2015 2:11	48	12/11/2015 3:16	59	13/11/2015 4:21	56	14/11/2015 5:26	61	15/11/2015 6:31	62
10/11/2015 1:11	53	11/11/2015 2:16	62	12/11/2015 3:21	58	13/11/2015 4:26	60	14/11/2015 5:31	61	15/11/2015 6:36	62
10/11/2015 1:16	55	11/11/2015 2:21	51	12/11/2015 3:26	58	13/11/2015 4:31	60	14/11/2015 5:36	61	15/11/2015 6:41	42
10/11/2015 1:21	50	11/11/2015 2:26	62	12/11/2015 3:31	58	13/11/2015 4:36	60	14/11/2015 5:41	61	15/11/2015 6:46	48
10/11/2015 1:26	52	11/11/2015 2:31	62	12/11/2015 3:36	59	13/11/2015 4:41	60	14/11/2015 5:46	61	15/11/2015 6:51	56
10/11/2015 1:31	46	11/11/2015 2:36	62	12/11/2015 3:41	58	13/11/2015 4:46	60	14/11/2015 5:51	62	15/11/2015 6:56	61
10/11/2015 1:36	36	11/11/2015 2:41	61	12/11/2015 3:46	60	13/11/2015 4:51	59	14/11/2015 5:56	61	15/11/2015 23:01	56
10/11/2015 1:41	48	11/11/2015 2:46	39	12/11/2015 3:51	58	13/11/2015 4:56	60	14/11/2015 6:01	61	15/11/2015 23:06	54
10/11/2015 1:46	51	11/11/2015 2:51	62	12/11/2015 3:56	58	13/11					

Real-time Noise Data	RTN1 (Food and Environmental Hygiene Department Depot)					
16/11/2015 2:11 61	17/11/2015 3:16 58	18/11/2015 4:21 58	19/11/2015 5:26 59	20/11/2015 6:31 55	21/11/2015 23:36 56	
16/11/2015 2:16 60	17/11/2015 3:21 59	18/11/2015 4:26 58	19/11/2015 5:31 60	20/11/2015 6:36 56	21/11/2015 23:41 55	
16/11/2015 2:21 60	17/11/2015 3:26 59	18/11/2015 4:31 58	19/11/2015 5:36 60	20/11/2015 6:41 56	21/11/2015 23:46 58	
16/11/2015 2:26 60	17/11/2015 3:31 58	18/11/2015 4:36 57	19/11/2015 5:41 61	20/11/2015 6:46 59	21/11/2015 23:51 55	
16/11/2015 2:31 58	17/11/2015 3:36 59	18/11/2015 4:41 58	19/11/2015 5:46 60	20/11/2015 6:51 59	21/11/2015 23:56 55	
16/11/2015 2:36 59	17/11/2015 3:41 58	18/11/2015 4:46 58	19/11/2015 5:51 60	20/11/2015 6:56 58	22/11/2015 0:01 62	
16/11/2015 2:41 60	17/11/2015 3:46 59	18/11/2015 4:51 58	19/11/2015 5:56 61	20/11/2015 7:01 59	22/11/2015 0:06 49	
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Real-time Noise Data		RTN1 (Food and Environmental Hygiene Department Depot)							
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23/11/2015 5:31	58	24/11/2015 6:36	55	25/11/2015 23:41	54	27/11/2015 0:46	62		
23/11/2015 5:36	60	24/11/2015 6:41	54	25/11/2015 23:46	54	27/11/2015 0:51	61		
23/11/2015 5:41	59	24/11/2015 6:46	59	25/11/2015 23:51	54	27/11/2015 0:56	62		
23/11/2015 5:46	61	24/11/2015 6:51	59	25/11/2015 23:56	52	27/11/2015 1:01	61		
23/11/2015 5:51	61	24/11/2015 6:56	58	26/11/2015 0:01	55	27/11/2015 1:06	61		
23/11/2015 5:56	60	24/11/2015 23:01	63	26/11/2015 0:06	48	27/11/2015 1:11	60		
23/11/2015 6:01	60	24/11/2015 23:06	56	26/11/2015 0:11	52	27/11/2015 1:16	61		
23/11/2015 6:06	60	24/11/2015 23:11	57	26/11/2015 0:16	62	27/11/2015 1:21	61		
23/11/2015 6:11	61	24/11/2015 23:16	55	26/11/2015 0:21	54	27/11/2015 1:26	61		
23/11/2015 6:16	61	24/11/2015 23:21	56	26/11/2015 0:26	62	27/11/2015 1:31	59		
23/11/2015 6:21	49	24/11/2015 23:26	56	26/11/2015 0:31	61	27/11/2015 1:36	60		
23/11/2015 6:26	62	24/11/2015 23:31	52	26/11/2015 0:36	61	27/11/2015 1:41	60		
23/11/2015 6:31	50	24/11/2015 23:36	55	26/11/2015 0:41	62	27/11/2015 1:46	61		
23/11/2015 6:36	57	24/11/2015 23:41	52	26/11/2015 0:46	61	27/11/2015 1:51	60		
23/11/2015 6:41	55	24/11/2015 23:46	53	26/11/2015 0:51	61	27/11/2015 1:56	60		
23/11/2015 6:46	59	24/11/2015 23:51	52	26/11/2015 0:56	52	27/11/2015 2:01	61		
23/11/2015 6:51	59	24/11/2015 23:56	63	26/11/2015 1:01	61	27/11/2015 2:06	61		
23/11/2015 6:56	57	25/11/2015 0:01	52	26/11/2015 1:06	61	27/11/2015 2:11	62		
23/11/2015 23:01	60	25/11/2015 0:06	49	26/11/2015 1:11	46	27/11/2015 2:16	60		
23/11/2015 23:06	61	25/11/2015 0:11	56	26/11/2015 1:16	61	27/11/2015 2:21	60		
23/11/2015 23:11	61	25/11/2015 0:16	52	26/11/2015 1:21	60	27/11/2015 2:26	58		
23/11/2015 23:16	61	25/11/2015 0:21	62	26/11/2015 1:26	61	27/11/2015 2:31	59		
23/11/2015 23:21	61	25/11/2015 0:26	61	26/11/2015 1:31	60	27/11/2015 2:36	59		
23/11/2015 23:26	62	25/11/2015 0:31	62	26/11/2015 1:36	59	27/11/2015 2:41	60		
23/11/2015 23:31	61	25/11/2015 0:36	61	26/11/2015 1:41	59	27/11/2015 2:46	59		
23/11/2015 23:36	60	25/11/2015 0:41	61	26/11/2015 1:46	59	27/11/2015 2:51	58		
23/11/2015 23:41	60	25/11/2015 0:46	61	26/11/2015 1:51	59	27/11/2015 2:56	59		
23/11/2015 23:46	60	25/11/2015 0:51	61	26/11/2015 1:56	60	27/11/2015 3:01	59		
23/11/2015 23:51	61	25/11/2015 0:56	61	26/11/2015 2:01	59	27/11/2015 3:06	59		
23/11/2015 23:56	60	25/11/2015 1:01	60	26/11/2015 2:06	60	27/11/2015 3:11	59		
24/11/2015 0:01	59	25/11/2015 1:06	60	26/11/2015 2:11	60	27/11/2015 3:16	59		
24/11/2015 0:06	59	25/11/2015 1:11	60	26/11/2015 2:16	59	27/11/2015 3:21	59		
24/11/2015 0:11	61	25/11/2015 1:16	60	26/11/2015 2:21	59	27/11/2015 3:26	58		
24/11/2015 0:16	59	25/11/2015 1:21	60	26/11/2015 2:26	58	27/11/2015 3:31	58		
24/11/2015 0:21	59	25/11/2015 1:26	60	26/11/2015 2:31	43	27/11/2015 3:36	60		
24/11/2015 0:26	59	25/11/2015 1:31	54	26/11/2015 2:36	58	27/11/2015 3:41	59		
24/11/2015 0:31	58	25/11/2015 1:36	60	26/11/2015 2:41	60	27/11/2015 3:46	58		
24/11/2015 0:36	57	25/11/2015 1:41	59	26					

Real-time Noise Data	RTN2a (Hong Kong Electric Centre)			
Normal Day 07:00-19:00	2/11/2015 12:01 62	6/11/2015 18:31 61	12/11/2015 13:01 66	18/11/2015 7:31 61
	2/11/2015 12:31 62	7/11/2015 7:01 62	12/11/2015 13:31 67	18/11/2015 8:01 64
	2/11/2015 13:01 66	7/11/2015 7:31 62	12/11/2015 14:01 67	18/11/2015 8:31 66
28/10/2015 7:01 61	2/11/2015 13:31 67	7/11/2015 8:01 65	12/11/2015 14:31 67	18/11/2015 9:01 66
28/10/2015 7:31 63	2/11/2015 14:01 66	7/11/2015 8:31 60	12/11/2015 15:01 67	18/11/2015 9:31 66
28/10/2015 8:01 65	2/11/2015 14:31 66	7/11/2015 9:01 58	12/11/2015 15:31 66	18/11/2015 10:01 66
28/10/2015 8:31 67	2/11/2015 15:01 66	7/11/2015 9:31 66	12/11/2015 16:01 66	18/11/2015 10:31 67
28/10/2015 9:01 66	2/11/2015 15:31 65	7/11/2015 10:01 66	12/11/2015 16:31 67	18/11/2015 11:01 66
28/10/2015 9:31 67	2/11/2015 16:01 67	7/11/2015 10:31 66	12/11/2015 17:01 66	18/11/2015 11:31 65
28/10/2015 10:01 67	2/11/2015 16:31 67	7/11/2015 11:01 65	12/11/2015 17:31 64	18/11/2015 12:01 63
28/10/2015 10:31 66	2/11/2015 17:01 66	7/11/2015 11:31 65	12/11/2015 18:01 63	18/11/2015 12:31 64
28/10/2015 11:01 67	2/11/2015 17:31 64	7/11/2015 12:01 62	12/11/2015 18:31 63	18/11/2015 13:01 65
28/10/2015 11:31 66	2/11/2015 18:01 63	7/11/2015 12:31 62	13/11/2015 7:01 61	18/11/2015 13:31 66
28/10/2015 12:01 65	2/11/2015 18:31 62	7/11/2015 13:01 65	13/11/2015 7:31 61	18/11/2015 14:01 66
28/10/2015 12:31 63	3/11/2015 7:01 61	7/11/2015 13:31 66	13/11/2015 8:01 64	18/11/2015 14:31 66
28/10/2015 13:01 66	3/11/2015 7:31 62	7/11/2015 14:01 66	13/11/2015 8:31 65	18/11/2015 15:01 66
28/10/2015 13:31 67	3/11/2015 8:01 64	7/11/2015 14:31 66	13/11/2015 9:01 65	18/11/2015 15:31 65
28/10/2015 14:01 66	3/11/2015 8:31 66	7/11/2015 15:01 65	13/11/2015 9:31 66	18/11/2015 16:01 66
28/10/2015 14:31 66	3/11/2015 9:01 66	7/11/2015 15:31 64	13/11/2015 10:01 65	18/11/2015 16:31 66
28/10/2015 15:01 65	3/11/2015 9:31 67	7/11/2015 16:01 65	13/11/2015 10:31 66	18/11/2015 17:01 66
28/10/2015 15:31 65	3/11/2015 10:01 66	7/11/2015 16:31 67	13/11/2015 11:01 61	18/11/2015 17:31 64
28/10/2015 16:01 66	3/11/2015 10:31 67	7/11/2015 17:01 65	13/11/2015 11:31 67	18/11/2015 18:01 63
28/10/2015 16:31 66	3/11/2015 11:01 67	7/11/2015 17:31 64	13/11/2015 12:01 62	18/11/2015 18:31 61
28/10/2015 17:01 66	3/11/2015 11:31 66	7/11/2015 18:01 62	13/11/2015 12:31 61	19/11/2015 7:01 61
28/10/2015 17:31 64	3/11/2015 12:01 64	7/11/2015 18:31 61	13/11/2015 13:01 64	19/11/2015 7:31 62
28/10/2015 18:01 63	3/11/2015 12:31 65	9/11/2015 7:01 61	13/11/2015 13:31 65	19/11/2015 8:01 64
28/10/2015 18:31 64	3/11/2015 13:01 66	9/11/2015 7:31 62	13/11/2015 14:01 65	19/11/2015 8:31 66
29/10/2015 7:01 60	3/11/2015 13:31 66	9/11/2015 8:01 65	13/11/2015 14:31 66	19/11/2015 9:01 67
29/10/2015 7:31 61	3/11/2015 14:01 66	9/11/2015 8:31 67	13/11/2015 15:01 65	19/11/2015 9:31 58
29/10/2015 8:01 64	3/11/2015 14:31 67	9/11/2015 9:01 67	13/11/2015 15:31 65	19/11/2015 10:01 67
29/10/2015 8:31 66	3/11/2015 15:01 66	9/11/2015 9:31 60	13/11/2015 16:01 58	19/11/2015 10:31 67
29/10/2015 9:01 66	3/11/2015 15:31 66	9/11/2015 10:01 57	13/11/2015 16:31 66	19/11/2015 11:01 56
29/10/2015 9:31 66	3/11/2015 16:01 66	9/11/2015 10:31 54	13/11/2015 17:01 65	19/11/2015 11:31 60
29/10/2015 10:01 66	3/11/2015 16:31 66	9/11/2015 11:01 67	13/11/2015 17:31 63	19/11/2015 12:01 62
29/10/2015 10:31 67	3/11/2015 17:01 66	9/11/2015 11:31 66	13/11/2015 18:01 63	19/11/2015 12:31 62
29/10/2015 11:01 66	3/11/2015 17:31 65	9/11/2015 12:01 66	13/11/2015 18:31 61	19/11/2015 13:01 66
29/10/2015 11:31 65	3/11/2015 18:01 63	9/11/2015 12:31 65	14/11/2015 7:01 62	19/11/2015 13:31 62
29/10/2015 12:01 63	3/11/2015 18:31 62	9/11/2015 13:01 66	14/11/2015 7:31 65	19/11/2015 14:01 56
29/10/2015 12:31 64	4/11/2015 7:01 62	9/11/2015 13:31 52	14/11/2015 8:01 65	19/11/2015 14:31 67
29/10/2015 13:01 66	4/11/2015 7:31 64	9/11/2015 14:01 47	14/11/2015 8:31 57	19/11/2015 15:01 66
29/10/2015 13:31 66	4/11/2015 8:01 66	9/11/2015 14:31 67	14/11/2015 9:01 59	19/11/2015 15:31 65
29/10/2015 14:01 66	4/11/2015 8:31 66	9/11/2015 15:01 66	14/11/2015 9:31 76	19/11/2015 16:01 67
29/10/2015 14:31 66	4/11/2015 9:01 66	9/11/2015 15:31 66	14/11/2015 10:01 77	19/11/2015 16:31 67
29/10/2015 15:01 66	4/11/2015 9:31 67	9/11/2015 16:01 57	14/11/2015 10:31 76	19/11/2015 17:01 65
29/10/2015 15:31 64	4/11/2015 10:01 52	9/11/2015 16:31 61	14/11/2015 11:01 76	19/11/2015 17:31 64
29/10/2015 16:01 66	4/11/2015 10:31 57	9/11/2015 17:01 56	14/11/2015 11:31 68	19/11/2015 18:01 63
29/10/2015 16:31 66	4/11/2015 11:01 67	9/11/2015 17:31 67	14/11/2015 12:01 64	19/11/2015 18:31 62
29/10/2015 17:01 66	4/11/2015 11:31 67	9/11/2015 18:01 65	14/11/2015 12:31 64	20/11/2015 7:01 61
29/10/2015 17:31 65	4/11/2015 12:01 65	9/11/2015 18:31 65	14/11/2015 13:01 65	20/11/2015 7:31 62
29/10/2015 18:01 63	4/11/2015 12:31 66	10/11/2015 7:01 61	14/11/2015 13:31 67	20/11/2015 8:01 64
29/10/2015 18:31 64	4/11/2015 13:01 67	10/11/2015 7:31 63	14/11/2015 14:01 64	20/11/2015 8:31 66
30/10/2015 7:01 61	4/11/2015 13:31 59	10/11/2015 8:01 66	14/11/2015 14:31 71	20/11/2015 9:01 56
30/10/2015 7:31 62	4/11/2015 14:01 57	10/11/2015 8:31 54	14/11/2015 15:01 74	20/11/2015 9:31 61
30/10/2015 8:01 64	4/11/2015 14:31 51	10/11/2015 9:01 57	14/11/2015 15:31 70	20/11/2015 10:01 59
30/10/2015 8:31 66	4/11/2015 15:01 66	10/11/2015 9:31 63	14/11/2015 16:01 75	20/11/2015 10:31 67
30/10/2015 9:01 66	4/11/2015 15:31 66	10/11/2015 10:01 60	14/11/2015 16:31 76	20/11/2015 11:01 67
30/10/2015 9:31 66	4/11/2015 16:01 66	10/11/2015 10:31 61	14/11/2015 17:01 74	20/11/2015 11:31 67
30/10/2015 10:01 47	4/11/2015 16:31 67	10/11/2015 11:01 54	14/11/2015 17:31 66	20/11/2015 12:01 62
30/10/2015 10:31 38	4/11/2015 17:01 56	10/11/2015 11:31 67	14/11/2015 18:01 65	20/11/2015 12:31 63
30/10/2015 11:01 67	4/11/2015 17:31 66	10/11/2015 12:01 65	14/11/2015 18:31 65	20/11/2015 13:01 67
30/10/2015 11:31 65	4/11/2015 18:01 65	10/11/2015 12:31 66	16/11/2015 7:01 61	20/11/2015 13:31 57
30/10/2015 12:01 63	4/11/2015 18:31 63	10/11/2015 13:01 52	16/11/2015 7:31 61	20/11/2015 14:01 61
30/10/2015 12:31 62	5/11/2015 7:01 61	10/11/2015 13:31 60	16/11/2015 8:01 65	20/11/2015 14:31 67
30/10/2015 13:01 64	5/11/2015 7:31 63	10/11/2015 14:01 58	16/11/2015 8:31 67	20/11/2015 15:01 66
30/10/2015 13:31 66	5/11/2015 8:01 64	10/11/2015 14:31 55	16/11/2015 9:01 55	20/11/2015 15:31 65
30/10/2015 14:01 66	5/11/2015 8:31 65	10/11/2015 15:01 45	16/11/2015 9:31 55	20/11/2015 16:01 67
30/10/2015 14:31 65	5/11/2015 9:01 66	10/11/2015 15:31 51	16/11/2015 10:01 61	20/11/2015 16:31 67
30/10/2015 15:01 66	5/11/2015 9:31 66	10/11/2015 16:01 54	16/11/2015 10:31 67	20/11/2015 17:01 67
30/10/2015 15:31 64	5/11/2015 10:01 67	10/11/2015 16:31 57	16/11/2015 11:01 67	20/11/2015 17:31 66
30/10/2015 16:01 66	5/11/2015 10:31 67	10/11/2015 17:01 67	16/11/2015 11:31 66	20/11/2015 18:01 62
30/10/2015 16:31 67	5/11/2015 11:01 66	10/11/2015 17:31 65	16/11/2015 12:01 63	20/11/2015 18:31 61
30/10/2015 17:01 67	5/11/2015 11:31 66	10/11/2015 18:01 64	16/11/2015 12:31 64	21/11/2015 7:01 61
30/10/2015 17:31 65	5/11/2015 12:01 63	10/11/2015 18:31 62	16/11/2015 13:01 65	21/11/2015 7:31 62
30/10/2015 18:01 63	5/11/2015 12:31 65	11/11/2015 7:01 61	16/11/2015 13:31 66	21/11/2015 8:01 66
30/10/2015 18:31 62	5/11/2015 13:01 66	11/11/2015 7:31 61	16/11/2015 14:01 67	21/11/2015 8:31 58
31/10/2015 7:01 61	5/11/2015 13:31 63	11/11/2015 8:01 63	16/11/2015 14:31 66	21/11/2015 9:01 67
31/10/2015 7:31 62	5/11/2015 14:01 67	11/11/2015 8:31 66	16/11/2015 15:01 51	21/11/2015 9:31 67
31/10/2015 8:01 66	5/11/2015 14:31 64	11/11/2015 9:01 66	16/11/2015 15:31 66	21/11/2015 10:01 63
31/10/2015 8:31 67	5/11/2015 15:01 65	11/11/2015 9:31 66	16/11/2015 16:01 65	21/11/2015 10:31 60
31/10/2015 9:01 65	5/11/2015 15:31 65	11/11/2015 10:01 67	16/11/2015 16:31 67	21/11/2015 11:01 58
31/10/2015 9:31 66	5/11/2015 16:01 65	11/11/2015 10:31 66	16/11/2015 17:01 66	21/11/2015 11:31 66
31/10/2015 10:01 65	5/11/2015 16:31 65	11/11/2015 11:01 58	16/11/2015 17:31 65	21/11/2015 12:01 65
31/10/2015 10:31 66	5/11/2015 17:01 65	11/11/2015 11:31 66	16/11/2015 18:01 64	21/11/2015 12:31 64
31/10/2015 11:01 66	5/11/2015 17:31 65	11/11/2015 12:01 62	16/11/2015 18:31 63	21/11/2015 13:01 67
31/10/2015 11:31 65	5/11/2015 18:01 64	11/11/2015 12:31 63	17/11/2015 7:01 61	21/11/2015 13:31 60
31/10/2015 12:01 62	5/11/2015 18:31 62	11/11/2015 13:01 66	17/11/2015 7:31 62	21/11/2015 14:01 56
31/10/2015 12:31 63	6/11/2015 7:01 60	11/11/2015 13:31 67	17/11/2015 8:01 64	21/11/2015 14:31 60
31/10/2015 13:01 66	6/11/2015 7:31 61	11/11/2015 14:01 66	17/11/2015 8:31 66	21/11/2015 15:01 67
31/10/2015 13:31 67	6/11/2015 8:01 64	11/11/2015 14:31 66	17/11/2015 9:01 65	21/11/2015 15:31 67
31/10/2015 14:01 67	6/11/2015 8:31 66	11/11/2015 15:01 65	17/11/2015 9:31 66	21/11/2015 16:01 58
31/10/2015 14:31 66	6/11/2015 9:01 67	11/11/2015 15:31 64	17/11/2015 10:01 66	21/11/2015 16:31 67
31/10/2015 15:01 66	6/11/2015 9:31 66	11/11/2015 16:01 66	17/11/2015 10:31 66	21/11/2015 17:01 66
31/10/2015 15:31 64	6/11/2015 10:01 66	11/11/2015 16:31 67	17/11/2015 11:01 66	21/11/2015 17:31 65
31/10/2015 16:01 66	6/11/2015 10:31 67	11/11/2015 17:01 66	17/11/2015 11:31 65	21/11/2015 18:01 63
31/10/2015 16:31 66	6/11/2015 11:01 66	11/11/2015 17:31 65	17/11/2015 12:01 64	21/11/2015 18:31 63
31/10/2015 17:01 65	6/11/2015 11:31 65	11/11/2015 18:01 6		

Real-time Noise Data	RTN2a (Hong Kong Electric Centre)								
<u>Normal Day 19:00-23:00</u>	30/10/2015 19:41 49	1/11/2015 8:46	58	1/11/2015 17:51	54	2/11/2015 22:56	61	5/11/2015 20:01	55
<u>Sunday & Holiday</u>	30/10/2015 19:46 53	1/11/2015 8:51	57	1/11/2015 17:56	58	3/11/2015 19:01	60	5/11/2015 20:06	52
<u>07:00-23:00</u>	30/10/2015 19:51 58	1/11/2015 8:56	56	1/11/2015 18:01	60	3/11/2015 19:06	61	5/11/2015 20:11	59
	30/10/2015 19:56 53	1/11/2015 9:01	57	1/11/2015 18:06	52	3/11/2015 19:11	60	5/11/2015 20:16	67
	30/10/2015 20:01 53	1/11/2015 9:06	60	1/11/2015 18:11	62	3/11/2015 19:16	59	5/11/2015 20:21	52
	30/10/2015 20:06 36	1/11/2015 9:11	60	1/11/2015 18:16	48	3/11/2015 19:21	60	5/11/2015 20:26	47
	30/10/2015 20:11 58	1/11/2015 9:16	56	1/11/2015 18:21	55	3/11/2015 19:26	60	5/11/2015 20:31	62
	30/10/2015 20:16 62	1/11/2015 9:21	60	1/11/2015 18:26	51	3/11/2015 19:31	60	5/11/2015 20:36	61
	30/10/2015 20:21 48	1/11/2015 9:26	56	1/11/2015 18:31	54	3/11/2015 19:36	61	5/11/2015 20:41	61
	30/10/2015 20:26 53	1/11/2015 9:31	57	1/11/2015 18:36	60	3/11/2015 19:41	61	5/11/2015 20:46	55
	30/10/2015 20:31 55	1/11/2015 9:36	57	1/11/2015 18:41	53	3/11/2015 19:46	61	5/11/2015 20:51	61
	30/10/2015 20:36 53	1/11/2015 9:41	55	1/11/2015 18:46	54	3/11/2015 19:51	36	5/11/2015 20:56	62
	30/10/2015 20:41 61	1/11/2015 9:46	57	1/11/2015 18:51	56	3/11/2015 19:56	60	5/11/2015 21:01	61
	30/10/2015 20:46 62	1/11/2015 9:51	58	1/11/2015 18:56	47	3/11/2015 20:01	57	5/11/2015 21:06	61
	30/10/2015 20:51 62	1/11/2015 9:56	57	1/11/2015 19:01	54	3/11/2015 20:06	54	5/11/2015 21:11	62
	30/10/2015 20:56 58	1/11/2015 10:01	51	1/11/2015 19:06	51	3/11/2015 20:11	62	5/11/2015 21:16	51
	30/10/2015 21:01 61	1/11/2015 10:06	56	1/11/2015 19:11	53	3/11/2015 20:16	54	5/11/2015 21:21	60
	30/10/2015 21:06 53	1/11/2015 10:11	58	1/11/2015 19:16	51	3/11/2015 20:21	52	5/11/2015 21:26	61
	30/10/2015 21:11 61	1/11/2015 10:16	52	1/11/2015 19:21	49	3/11/2015 20:26	54	5/11/2015 21:31	61
	30/10/2015 21:16 61	1/11/2015 10:21	56	1/11/2015 19:26	43	3/11/2015 20:31	60	5/11/2015 21:36	61
	30/10/2015 21:21 62	1/11/2015 10:26	57	1/11/2015 19:31	62	3/11/2015 20:36	55	5/11/2015 21:41	61
	30/10/2015 21:26 61	1/11/2015 10:31	58	1/11/2015 19:36	50	3/11/2015 20:41	54	5/11/2015 21:46	62
	30/10/2015 21:31 62	1/11/2015 10:36	57	1/11/2015 19:41	62	3/11/2015 20:46	61	5/11/2015 21:51	61
	30/10/2015 21:36 58	1/11/2015 10:41	58	1/11/2015 19:46	53	3/11/2015 20:51	45	5/11/2015 21:56	62
	30/10/2015 21:41 61	1/11/2015 10:46	57	1/11/2015 19:51	54	3/11/2015 20:56	62	5/11/2015 22:01	61
	30/10/2015 21:46 61	1/11/2015 10:51	55	1/11/2015 19:56	52	3/11/2015 21:01	62	5/11/2015 22:06	62
	30/10/2015 21:51 62	1/11/2015 10:56	57	1/11/2015 20:01	55	3/11/2015 21:06	61	5/11/2015 22:11	61
	30/10/2015 21:56 62	1/11/2015 11:01	58	1/11/2015 20:06	55	3/11/2015 21:11	55	5/11/2015 22:16	55
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	31/10/2015 20:46 61	1/11/2015 13:51	57	1/11/2015 22:56	61	4/11/2015 20:01	58	6/11/2015 21:06	54
	31/10/2015 20:51 57	1/11/2015 13:56	58	2/11/2015 19:01	57	4/11/2015 20:06	59	6/11/2015 21:11	61
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	31/10/2015 21:01 61	1/11/2015 14:06	63	2/11/2015 19:11	55	4/11/2015 20:16	59	6/11/2015 21:21	44
	31/10/2015 21:06 61	1/11/2015 14:11	62	2/11/2015 19:16	50	4/11/2015 20:21	60	6/11/2015 21:26	46
	31/10/2015 21:11 62	1/11/2015 14:16	60	2/11/2015 19:21	42	4/11/2015 20:26	59	6/11/2015 21:31	61
	31/10/2015 21:16 61	1/11/2015 14:21	60	2/11/2015 19:26	56	4/11/2015 20:31	56	6/11/2015 21:36	62
	31/10/2015 21:21 62	1/11/2015 14:26	58	2/11/2015 19:31	56	4/11/2015 20:36	49	6/11/2015 21:41	62
	31/10/2015 21:26 61	1/11/2015 14:31	57	2/11/2015 19:36	57	4/11/2015 20:41	39	6/11/2015 21:46	54
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	31/10/2015 21:41 61	1/11/2015 14:46	59	2/11/2015 19:51	55	4/11/2015 20:56	61	6/11/2015 22:01	62
	31/10/2015 21:46 46	1/11/2015 14:51	57	2/11/2015 19:56	53	4/11/2015 21:01	61	6/11/2015 22:06	54
	31/10/2015 21:51 61	1/11/2015 14:56	55	2/11/2015 20:01	55	4/11/2015 21:06	49	6/11/2015 22:11	62
	31/10/2015 21:56 42	1/11/2015 15:01	56	2/11/2015 20:06	50	4/11/2015 21:11	61	6/11/2015 22:16	51
	31/10/2015 22:01 62	1/11/2015 15:06	56	2/11/2015 20:11	40	4/11/2015 21:16	53	6/11/2015 22:21	61
	31/10/2015 22:06 61	1/11/2015 15:11	60	2/11/2015 20:16	40	4/11/2015 21:21	62	6/11/2015 22:26	62
	31/10/2015 22:11 61	1/11/2015 15:16	60	2/11/2015 20:21	45	4/11/2015 21:26	62	6/11/2015 22:31	62
	31/10/2015 22:16 61	1/11/2015 15:21	60	2/11/2015 20:26	54	4/11/2015 21:31	62	6/11/2015 22:36	61

Real-time Noise Data	RTN2a (Hong Kong Electric Centre)				
7/11/2015 21:06 56	8/11/2015 14:11 55	9/11/2015 19:16 62	11/11/2015 20:21 62	13/11/2015 21:26 58	15/11/2015 10:31 78
7/11/2015 21:11 61	8/11/2015 14:16 54	9/11/2015 19:21 61	11/11/2015 20:26 62	13/11/2015 21:31 55	15/11/2015 10:36 76
7/11/2015 21:16 61	8/11/2015 14:21 54	9/11/2015 19:26 61	11/11/2015 20:31 55	13/11/2015 21:36 56	15/11/2015 10:41 81
7/11/2015 21:21 61	8/11/2015 14:26 46	9/11/2015 19:31 61	11/11/2015 20:36 61	13/11/2015 21:41 55	15/11/2015 10:46 55
7/11/2015 21:26 62	8/11/2015 14:31 60	9/11/2015 19:36 60	11/11/2015 20:41 55	13/11/2015 21:46 55	15/11/2015 10:51 85
7/11/2015 21:31 62	8/11/2015 14:36 56	9/11/2015 19:41 57	11/11/2015 20:46 46	13/11/2015 21:51 56	15/11/2015 10:56 91
7/11/2015 21:36 61	8/11/2015 14:41 55	9/11/2015 19:46 58	11/11/2015 20:51 62	13/11/2015 21:56 53	15/11/2015 11:01 89
7/11/2015 21:41 61	8/11/2015 14:46 56	9/11/2015 19:51 59	11/11/2015 20:56 43	13/11/2015 22:01 57	15/11/2015 11:06 84
7/11/2015 21:46 61	8/11/2015 14:51 54	9/11/2015 19:56 56	11/11/2015 21:01 62	13/11/2015 22:06 50	15/11/2015 11:11 81
7/11/2015 21:51 61	8/11/2015 14:56 50	9/11/2015 20:01 59	11/11/2015 21:06 49	13/11/2015 22:11 58	15/11/2015 11:16 82
7/11/2015 21:56 61	8/11/2015 15:01 52	9/11/2015 20:06 59	11/11/2015 21:11 61	13/11/2015 22:16 52	15/11/2015 11:21 71
7/11/2015 22:01 61	8/11/2015 15:06 62	9/11/2015 20:11 59	11/11/2015 21:16 62	13/11/2015 22:21 52	15/11/2015 11:26 85
7/11/2015 22:06 61	8/11/2015 15:11 52	9/11/2015 20:16 53	11/11/2015 21:21 55	13/11/2015 22:26 52	15/11/2015 11:31 81
7/11/2015 22:11 61	8/11/2015 15:16 58	9/11/2015 20:21 55	11/11/2015 21:26 61	13/11/2015 22:31 52	15/11/2015 11:36 61
7/11/2015 22:16 61	8/11/2015 15:21 55	9/11/2015 20:26 60	11/11/2015 21:31 45	13/11/2015 22:36 49	15/11/2015 11:41 55
7/11/2015 22:21 61	8/11/2015 15:26 56	9/11/2015 20:31 54	11/11/2015 21:36 55	13/11/2015 22:41 54	15/11/2015 11:46 49
7/11/2015 22:26 61	8/11/2015 15:31 53	9/11/2015 20:36 62	11/11/2015 21:41 55	13/11/2015 22:46 50	15/11/2015 11:51 61
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7/11/2015 22:41 61	8/11/2015 15:46 36	9/11/2015 20:51 46	11/11/2015 21:56 43	14/11/2015 19:01 62	15/11/2015 12:06 62
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8/11/2015 7:01 60	8/11/2015 16:06 62	9/11/2015 21:11 62	11/11/2015 22:16 61	14/11/2015 19:21 63	15/11/2015 12:26 45
8/11/2015 7:06 60	8/11/2015 16:11 62	9/11/2015 21:16 61	11/11/2015 22:21 61	14/11/2015 19:26 62	15/11/2015 12:31 55
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8/11/2015 7:26 60	8/11/2015 16:31 62	9/11/2015 21:36 61	11/11/2015 22:41 61	14/11/2015 19:46 64	15/11/2015 12:51 51
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8/11/2015 7:36 60	8/11/2015 16:41 62	9/11/2015 21:46 62	11/11/2015 22:51 61	14/11/2015 19:56 61	15/11/2015 13:01 63
8/11/2015 7:41 60	8/11/2015 16:46 47	9/11/2015 21:51 62	11/11/2015 22:56 60	14/11/2015 20:01 61	15/11/2015 13:06 78
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8/11/2015 7:51 61	8/11/2015 16:56 40	9/11/2015 22:01 61	12/11/2015 19:06 57	14/11/2015 20:11 58	15/11/2015 13:16 80
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8/11/2015 9:36 54	8/11/2015 18:41 47	10/11/2015 19:46 45	12/11/2015 20:51 49	14/11/2015 21:56 62	15/11/2015 15:01 73
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8/11/2015 10:31 52	8/11/2015 19:36 61	10/11/2015 20:41 62	12/11/2015 21:46 54	14/11/2015 22:51 54	15/11/2015 15:56 70
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8/11/2015 10:41 62	8/11/2015 19:46 59	10/11/2015 20:51 61	12/11/2015 21:56 62	15/11/2015 7:01 60	15/11/2015 16:06 40
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8/11/2015 11:51 54	8/11/2015 20:56 61	10/11/2015 22:01 62	13/11/2015 19:06 61	15/11/2015 8:11 61	15/11/2015 17:16 50
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8/11/2015 12:01 62	8/11/2015 21:06 61	10/11/2015 22:11 61	13/11/2015 19:16 60	15/11/2015 8:21 62	15/11/2015 17:26 55
8/11/2015 12:06 48	8/11/2015 21:11 61	10/1			

Real-time Noise Data	RTN2a (Hong Kong Electric Centre)				
15/11/2015 19:36 62	17/11/2015 20:41 62	19/11/2015 21:46 61	21/11/2015 22:51 60	22/11/2015 15:56 44	23/11/2015 21:01 60
15/11/2015 19:41 61	17/11/2015 20:46 62	19/11/2015 21:51 61	21/11/2015 22:56 60	22/11/2015 16:01 62	23/11/2015 21:06 60
15/11/2015 19:46 62	17/11/2015 20:51 49	19/11/2015 21:56 61	22/11/2015 7:01 59	22/11/2015 16:06 53	23/11/2015 21:11 61
15/11/2015 19:51 62	17/11/2015 20:56 61	19/11/2015 22:01 62	22/11/2015 7:06 59	22/11/2015 16:11 62	23/11/2015 21:16 61
15/11/2015 19:56 61	17/11/2015 21:01 56	19/11/2015 22:06 61	22/11/2015 7:11 60	22/11/2015 16:16 50	23/11/2015 21:21 61
15/11/2015 20:01 62	17/11/2015 21:06 61	19/11/2015 22:11 61	22/11/2015 7:16 59	22/11/2015 16:21 62	23/11/2015 21:26 60
15/11/2015 20:06 61	17/11/2015 21:11 61	19/11/2015 22:16 61	22/11/2015 7:21 60	22/11/2015 16:26 62	23/11/2015 21:31 61
15/11/2015 20:11 61	17/11/2015 21:16 62	19/11/2015 22:21 48	22/11/2015 7:26 60	22/11/2015 16:31 62	23/11/2015 21:36 61
15/11/2015 20:16 61	17/11/2015 21:21 49	19/11/2015 22:26 61	22/11/2015 7:31 59	22/11/2015 16:36 62	23/11/2015 21:41 61
15/11/2015 20:21 61	17/11/2015 21:26 61	19/11/2015 22:31 57	22/11/2015 7:36 61	22/11/2015 16:41 36	23/11/2015 21:46 61
15/11/2015 20:26 61	17/11/2015 21:31 54	19/11/2015 22:36 61	22/11/2015 7:41 62	22/11/2015 16:46 39	23/11/2015 21:51 61
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15/11/2015 21:21 61	17/11/2015 22:26 62	20/11/2015 19:31 60	22/11/2015 8:36 50	22/11/2015 17:41 62	23/11/2015 22:46 61
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15/11/2015 21:36 61	17/11/2015 22:41 60	20/11/2015 19:46 36	22/11/2015 8:51 49	22/11/2015 17:56 61	24/11/2015 19:01 61
15/11/2015 21:41 61	17/11/2015 22:46 61	20/11/2015 19:51 61	22/11/2015 8:56 62	22/11/2015 18:01 60	24/11/2015 19:06 61
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15/11/2015 22:01 61	18/11/2015 19:06 61	20/11/2015 20:11 61	22/11/2015 9:16 62	22/11/2015 18:21 61	24/11/2015 19:26 61
15/11/2015 22:06 61	18/11/2015 19:11 61	20/11/2015 20:16 53	22/11/2015 9:21 42	22/11/2015 18:26 48	24/11/2015 19:31 61
15/11/2015 22:11 61	18/11/2015 19:16 60	20/11/2015 20:21 61	22/11/2015 9:26 62	22/11/2015 18:31 39	24/11/2015 19:36 51
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15/11/2015 22:21 61	18/11/2015 19:26 62	20/11/2015 20:31 62	22/11/2015 9:36 62	22/11/2015 18:41 60	24/11/2015 19:46 60
15/11/2015 22:26 61	18/11/2015 19:31 52	20/11/2015 20:36 56	22/11/2015 9:41 59	22/11/2015 18:46 61	24/11/2015 19:51 52
15/11/2015 22:31 61	18/11/2015 19:36 55	20/11/2015 20:41 61	22/11/2015 9:46 52	22/11/2015 18:51 61	24/11/2015 19:56 55
15/11/2015 22:36 61	18/11/2015 19:41 56	20/11/2015 20:46 61	22/11/2015 9:51 46	22/11/2015 18:56 62	24/11/2015 20:01 62
15/11/2015 22:41 61	18/11/2015 19:46 60	20/11/2015 20:51 61	22/11/2015 9:56 49	22/11/2015 19:01 62	24/11/2015 20:06 61
15/11/2015 22:46 61	18/11/2015 19:51 58	20/11/2015 20:56 62	22/11/2015 10:01 53	22/11/2015 19:06 61	24/11/2015 20:11 47
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16/11/2015 19:21 54	18/11/2015 20:26 62	20/11/2015 21:31 61	22/11/2015 10:36 48	22/11/2015 19:41 59	24/11/2015 20:46 61
16/11/2015 19:26 56	18/11/2015 20:31 62	20/11/2015 21:36 61	22/11/2015 10:41 61	22/11/2015 19:46 60	24/11/2015 20:51 62
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16/11/2015 19:36 61	18/11/2015 20:41 61	20/11/2015 21:46 61	22/11/2015 10:51 61	22/11/2015 19:56 60	24/11/2015 21:01 60
16/11/2015 19:41 55	18/11/2015 20:46 61	20/11/2015 21:51 50	22/11/2015 10:56 48	22/11/2015 20:01 60	24/11/2015 21:06 61
16/11/2015 19:46 54	18/11/2015 20:51 62	20/11/2015 21:56 62	22/11/2015 11:01 61	22/11/2015 20:06 60	24/11/2015 21:11 61
16/11/2015 19:51 58	18/11/2015 20:56 62	20/11/2015 22:01 51	22/11/2015 11:06 61	22/11/2015 20:11 60	24/11/2015 21:16 48
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16/11/2015 20:11 62	18/11/2015 21:16 61	20/11/2015 22:21 61	22/11/2015 11:26 50	22/11/2015 20:31 61	24/11/2015 21:36 61
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16/11/2015 20:26 62	18/11/2015 21:31 61	20/11/2015 22:36 61	22/11/2015 11:41 53	22/11/2015 20:46 60	24/11/2015 21:51 61
16/11/2015 20:31 62	18/11/2015 21:36 43	20/11/2015 22:41 49	22/11/2015 11:46 61	22/11/2015 20:51 60	24/11/2015 21:56 62
16/11/2015 20:36 61	18/11/2015 21:41 61	20/11/2015 22:46 61	22/11/2015 11:51 61	22/11/2015 20:56 60	24/11/2015 22:01 62
16/11/2015 20:41 62	18/11/2015 21:46 62	20/11/2015 22:51 61	22/11/2015 11:56 61	22/11/2015 21:01 61	24/11/2015 22:06 62
16/11/2015 20:46 61	18/11/2015 21:51 40	20/11/2015 22:56 61	22/11/2015 12:01 62	22/11/2015 21:06 61	24/11/2015 22:11 61
16/11/2015 20:51 50	18/11/2015 21:56 61	21/11/2015 19:01 51	22/11/2015 12:06 62	22/11/2015 21:11 60	24/11/2015 22:16 61
16/11/2015 20:56 43	18/11/2015 22:01 36	21/11/2015 19:06 61	22/11/2015 12:11 61	22/11/2015 21:16 60	24/11/2015 22:21 61
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16/11/2015 21:16 61	18/11/2015 22:21 61	21/11/2015 19:26 62	22/11/2015 12:31 61	22/11/2015 21:36 61	24/11/2015 22:41 61
16/11/2015 21:21 61	18/11/2015 22:26 61	21/11/2015 19:31 61	22/11/2015 12:36 62	22/11/2015 21:41 61	24/11/2015 22:46 61
16/11/2015 21:26 61	18/11/2015 22:31 47	21/11/2015 19:36 61	22/11/2015 12:41 62	22/11/2015 21:46 60	24/11/2015 22:51 60
16/11/2015 21:31 55	18/11/2015 22:36 61	21/11/2015 19:41 61	22/11/2015 12:46 62	22/11/2015 21:51 61	24/11/2015 22:56 60
16/11/2015 21:36 53	18/11/2015 22:41 60	21/11/2015 19:46 61	22/11/2015 12:51 57	22/11/2015 21:56 60	25/11/2015 19:01 60
16/11/2015 21:41 61	18/11/2015 22:46 61	21/11/2015 19:51 61	22/11/2015 12:56 48	22/11/2015 22:01 61	25/11/2015 19:06 61
16/11/2015 21:46 62	18/11/2015 22:51 61	21/11/2015 19:56 49	22/11/2015 13:01 47	22/11/2015 22:06 61	25/11/2015 19:11 61
16/11/2015 21:51 62	18/11/2015 22:56 60	21/11/2015 20:01 61	22/11/2015 13:06 51	22/11/2015 22:11 60	25/11/2015 19:16 63
16/11/2015 21:56 58	19/11/2015 19:01 59	21/11/2015 20:06 61	22/11/2015 13:11 53	22/11/2015 22:16 61	25/11/2015 19:21 62
16/11/2015 22:01 62	19/11/2015 19:06 61	21/11/2015 20:11 60	22/11/2015 13:16 51	22/11/2015 22:21 60	25/11/2015 19:26 63
16/11/2015 22:06 61	19/11/2015 19:11 56	21/11/2015 20:16 61	22/11/2015 13:21 62	22/11/2015 22:26 61	25/11/2015 19:31 59
16/11/2015 22:11 62	19/11/2015 19:16 59	21/11/2015 20:21 61	22/11/2015 13:26 56	22/11/2015 22:31 60	25/11/2015 19:36 58
16/11/2015 22:16 61	19/11/2015 19:21 61	21/11/2015 20:26 61	22/11/2015 13:31 52	22/11/2015 22:36 60	25/11/2015 19:41 61
16/11/2015 22:21 61	19/11/2015 19:26 64	21/11/2015 20:31 61	22/11/2015 13:36 62	22/11/2015 22:41 60	25/11/2015 19:46 61
16/11/2015 22:26 62	19/11/2015 19:31 55	21/11/2015 20:36 60	22/11/2015 13:41 57	22/11	

Real-time Noise Data	RTN2a (Hong Kong Electric Centre)					
25/11/2015 22:06 61		29/10/2015 0:51 48	30/10/2015 1:56 58	31/10/2015 3:01 58	1/11/2015 4:06 50	
25/11/2015 22:11 47		29/10/2015 0:56 51	30/10/2015 2:01 57	31/10/2015 3:06 58	1/11/2015 4:11 39	
25/11/2015 22:16 61		29/10/2015 1:01 58	30/10/2015 2:06 58	31/10/2015 3:11 56	1/11/2015 4:16 58	
25/11/2015 22:21 61	28/10/2015 0:01 55	29/10/2015 1:06 45	30/10/2015 2:11 57	31/10/2015 3:16 48	1/11/2015 4:21 52	
25/11/2015 22:26 59	28/10/2015 0:06 54	29/10/2015 1:11 43	30/10/2015 2:16 57	31/10/2015 3:21 48	1/11/2015 4:26 58	
25/11/2015 22:31 54	28/10/2015 0:11 55	29/10/2015 1:16 58	30/10/2015 2:21 57	31/10/2015 3:26 58	1/11/2015 4:31 49	
25/11/2015 22:36 62	28/10/2015 0:16 53	29/10/2015 1:21 58	30/10/2015 2:26 57	31/10/2015 3:31 57	1/11/2015 4:36 58	
25/11/2015 22:41 61	28/10/2015 0:21 53	29/10/2015 1:26 57	30/10/2015 2:31 56	31/10/2015 3:36 58	1/11/2015 4:41 58	
25/11/2015 22:46 61	28/10/2015 0:26 53	29/10/2015 1:31 58	30/10/2015 2:36 58	31/10/2015 3:41 41	1/11/2015 4:46 58	
25/11/2015 22:51 61	28/10/2015 0:31 52	29/10/2015 1:36 50	30/10/2015 2:41 57	31/10/2015 3:46 58	1/11/2015 4:51 58	
25/11/2015 22:56 60	28/10/2015 0:36 53	29/10/2015 1:41 49	30/10/2015 2:46 57	31/10/2015 3:51 58	1/11/2015 4:56 58	
26/11/2015 19:01 62	28/10/2015 0:41 50	29/10/2015 1:46 58	30/10/2015 2:51 56	31/10/2015 3:56 57	1/11/2015 5:01 58	
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26/11/2015 19:31 56	28/10/2015 1:11 40	29/10/2015 2:16 55	30/10/2015 3:21 57	31/10/2015 4:26 58	1/11/2015 5:31 44	
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26/11/2015 20:06 61	28/10/2015 1:46 43	29/10/2015 2:51 56	30/10/2015 3:56 56	31/10/2015 5:01 57	1/11/2015 6:06 52	
26/11/2015 20:11 61	28/10/2015 1:51 42	29/10/2015 2:56 56	30/10/2015 4:01 56	31/10/2015 5:06 57	1/11/2015 6:11 50	
26/11/2015 20:16 62	28/10/2015 1:56 58	29/10/2015 3:01 57	30/10/2015 4:06 55	31/10/2015 5:11 57	1/11/2015 6:16 42	
26/11/2015 20:21 62	28/10/2015 2:01 57	29/10/2015 3:06 56	30/10/2015 4:11 56	31/10/2015 5:16 57	1/11/2015 6:21 56	
26/11/2015 20:26 48	28/10/2015 2:06 58	29/10/2015 3:11 56	30/10/2015 4:16 57	31/10/2015 5:21 58	1/11/2015 6:26 53	
26/11/2015 20:31 61	28/10/2015 2:11 57	29/10/2015 3:16 56	30/10/2015 4:21 56	31/10/2015 5:26 58	1/11/2015 6:31 54	
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26/11/2015 20:46 61	28/10/2015 2:26 57	29/10/2015 3:31 56	30/10/2015 4:36 56	31/10/2015 5:41 57	1/11/2015 6:46 55	
26/11/2015 20:51 62	28/10/2015 2:31 57	29/10/2015 3:36 55	30/10/2015 4:41 56	31/10/2015 5:46 58	1/11/2015 6:51 55	
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26/11/2015 21:26 61	28/10/2015 3:06 56	29/10/2015 4:11 56	30/10/2015 5:16 57	31/10/2015 6:21 46	1/11/2015 7:26 57	
26/11/2015 21:31 61	28/10/2015 3:11 56	29/10/2015 4:16 56	30/10/2015 5:21 57	31/10/2015 6:26 53	1/11/2015 7:31 56	
26/11/2015 21:36 61	28/10/2015 3:16 58	29/10/2015 4:21 56	30/10/2015 5:26 58	31/10/2015 6:31 54	1/11/2015 7:36 55	
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26/11/2015 21:51 62	28/10/2015 3:31 55	29/10/2015 4:36 56	30/10/2015 5:41 58	31/10/2015 6:46 54	1/11/2015 7:51 54	
26/11/2015 21:56 61	28/10/2015 3:36 56	29/10/2015 4:41 56	30/10/2015 5:46 58	31/10/2015 6:51 57	1/11/2015 7:56 57	
26/11/2015 22:01 60	28/10/2015 3:41 55	29/10/2015 4:46 56	30/10/2015 5:51 58	31/10/2015 6:56 56	2/11/2015 0:01 54	
26/11/2015 22:06 61	28/10/2015 3:46 56	29/10/2015 4:51 56	30/10/2015 5:56 58	31/10/2015 7:01 59	2/11/2015 0:06 54	
26/11/2015 22:11 62	28/10/2015 3:51 55	29/10/2015 4:56 56	30/10/2015 6:01 58	31/10/2015 7:06 58	2/11/2015 0:11 51	
26/11/2015 22:16 61	28/10/2015 3:56 56	29/10/2015 5:01 56	30/10/2015 6:06 49	31/10/2015 7:11 57	2/11/2015 0:16 55	
26/11/2015 22:21 61	28/10/2015 4:01 55	29/10/2015 5:06 56	30/10/2015 6:11 51	31/10/2015 7:16 56	2/11/2015 0:21 54	
26/11/2015 22:26 61	28/10/2015 4:06 55	29/10/2015 5:11 56	30/10/2015 6:16 55	31/10/2015 7:21 57	2/11/2015 0:26 52	
26/11/2015 22:31 61	28/10/2015 4:11 56	29/10/2015 5:16 57	30/10/2015 6:21 52	31/10/2015 7:26 63	2/11/2015 0:31 53	
26/11/2015 22:36 61	28/10/2015 4:16 55	29/10/2015 5:21 56	30/10/2015 6:26 57	31/10/2015 7:31 59	2/11/2015 0:36 58	
26/11/2015 22:41 61	28/10/2015 4:21 56	29/10/2015 5:26 57	30/10/2015 6:31 56	31/10/2015 7:36 63	2/11/2015 0:41 58	
26/11/2015 22:46 61	28/10/2015 4:26 56	29/10/2015 5:31 57	30/10/2015 6:36 56	31/10/2015 7:41 56	2/11/2015 0:46 51	
26/11/2015 22:51 61	28/10/2015 4:31 55	29/10/2015 5:36 57	30/10/2015 6:41 58	31/10/2015 7:46 58	2/11/2015 0:51 58	
26/11/2015 22:56 61	28/10/2015 4:36 56	29/10/2015 5:41 57	30/10/2015 6:46 59	31/10/2015 7:51 59	2/11/2015 0:56 52	
27/11/2015 19:01 62	28/10/2015 4:41 55	29/10/2015 5:46 41	30/10/2015 6:51 60	31/10/2015 7:56 58	2/11/2015 1:01 45	
27/11/2015 19:06 45	28/10/2015 4:46 56	29/10/2015 5:51 58	30/10/2015 6:56 60	1/11/2015 0:01 56	2/11/2015 1:06 58	
27/11/2015 19:11 61	28/10/2015 4:51 56	29/10/2015 5:56 58	30/10/2015 7:01 58	1/11/2015 0:06 57	2/11/2015 1:11 58	
27/11/2015 19:16 61	28/10/2015 4:56 55	29/10/2015 6:01 58	30/10/2015 7:06 58	1/11/2015 0:11 58	2/11/2015 1:16 57	
27/11/2015 19:21 47	28/10/2015 5:01 57	29/10/2015 6:06 41	30/10/2015 7:11 58	1/11/2015 0:16 57	2/11/2015 1:21 58	
27/11/2015 19:26 61	28/10/2015 5:06 56	29/10/2015 6:11 52	30/10/2015 7:16 58	1/11/2015 0:21 58	2/11/2015 1:26 58	
27/11/2015 19:31 60	28/10/2015 5:11 56	29/10/2015 6:16 52	30/10/2015 7:21 58	1/11/2015 0:26 58	2/11/2015 1:31 57	
27/11/2015 19:36 60	28/10/2015 5:16 56	29/10/2015 6:21 56	30/10/2015 7:26 58	1/11/2015 0:31 53	2/11/2015 1:36 58	
27/11/2015 19:41 60	28/10/2015 5:21 57	29/10/2015 6:26 54	30/10/2015 7:31 57	1/11/2015 0:36 51	2/11/2015 1:41 57	
27/11/2015 19:46 61	28/10/2015 5:26 57	29/10/2015 6:31 56	30/10/2015 7:36 57	1/11/2015 0:41 53	2/11/2015 1:46 57	
27/11/2015 19:51 60	28/10/2015 5:31 57	29/10/2015 6:36 55	30/10/2015 7:41 57	1/11/2015 0:46 56	2/11/2015 1:51 57	
27/11/2015 19:56 61	28/10/2015 5:36 57	29/10/2015 6:41 58	30/10/2015 7:46 56	1/11/2015 0:51 53	2/11/2015 1:56 57	
27/11/2015 20:01 61	28/10/2015 5:41 58	29/10/2015 6:46 59	30/10/2015 7:51 56	1/11/2015 0:56 53	2/11/2015 2:01 57	
27/11/2015 20:06 56	28/10/2015 5:46 58	29/10/2015 6:51 60	30/10/2015 7:56 57	1/11/2015 1:01 55	2/11/2015 2:06 57	
27/11/2015 20:11 61	28/10/2015 5:51 58	29/10/2015 6:56 59	31/10/2015 0:01 57	1/11/2015 1:06 58	2/11/2015 2:11 56	
27/11/2015 20:16 61	28/10/2015 5:56 47	29/10/2015 7:01 58	31/10/2015 0:06 56	1/11/2015 1:11 56	2/11/2015 2:16 57	
27/11/2015 20:21 55	28/10/2015 6:01 45	29/10/2015 7:06 58	31/10/2015 0:11 57	1/11/2015 1:16 55	2/11/2015 2:21 56	
27/11/2015 20:26 62	28/10/2015 6:06 51	29/10/2015 7:11 58	31/10/2015 0:16 57	1/11/2015 1:21 52	2/11/2015 2:26 56	
27/11/2015 20:31 58	28/10/2015 6:11 50	29/10/2015 7:16 57	31/10/2015 0:21 57	1/11/2015 1:26 54	2/11/2015 2:31 56	
27/11/2015 20:36 54	28/10/2015 6:16 56	29/10/2015 7:21 58	31/10/2015 0:26 56	1/11/2015 1:31 52	2/11/2015 2:36 55	
27/11/2015 20:41 61	28/1					

Real-time Noise Data		RTN2a (Hong Kong Electric Centre)									
2/11/2015 5:11	57	3/11/2015 6:16	54	4/11/2015 23:21	58	6/11/2015 0:26	57	7/11/2015 1:31	51	8/11/2015 2:36	58
2/11/2015 5:16	57	3/11/2015 6:21	51	4/11/2015 23:26	58	6/11/2015 0:31	55	7/11/2015 1:36	51	8/11/2015 2:41	45
2/11/2015 5:21	57	3/11/2015 6:26	54	4/11/2015 23:31	57	6/11/2015 0:36	55	7/11/2015 1:41	50	8/11/2015 2:46	58
2/11/2015 5:26	58	3/11/2015 6:31	57	4/11/2015 23:36	59	6/11/2015 0:41	53	7/11/2015 1:46	53	8/11/2015 2:51	58
2/11/2015 5:31	57	3/11/2015 6:36	57	4/11/2015 23:41	57	6/11/2015 0:46	54	7/11/2015 1:51	48	8/11/2015 2:56	58
2/11/2015 5:36	37	3/11/2015 6:41	59	4/11/2015 23:46	56	6/11/2015 0:51	53	7/11/2015 1:56	51	8/11/2015 3:01	58
2/11/2015 5:41	39	3/11/2015 6:46	59	4/11/2015 23:51	56	6/11/2015 0:56	52	7/11/2015 2:01	48	8/11/2015 3:06	57
2/11/2015 5:46	58	3/11/2015 6:51	59	4/11/2015 23:56	58	6/11/2015 1:01	53	7/11/2015 2:06	51	8/11/2015 3:11	57
2/11/2015 5:51	58	3/11/2015 6:56	60	5/11/2015 0:01	56	6/11/2015 1:06	48	7/11/2015 2:11	53	8/11/2015 3:16	58
2/11/2015 5:56	37	3/11/2015 23:01	59	5/11/2015 0:06	54	6/11/2015 1:11	49	7/11/2015 2:16	49	8/11/2015 3:21	57
2/11/2015 6:01	58	3/11/2015 23:06	59	5/11/2015 0:11	56	6/11/2015 1:16	51	7/11/2015 2:21	52	8/11/2015 3:26	58
2/11/2015 6:06	45	3/11/2015 23:11	59	5/11/2015 0:16	57	6/11/2015 1:21	49	7/11/2015 2:26	51	8/11/2015 3:31	57
2/11/2015 6:11	52	3/11/2015 23:16	57	5/11/2015 0:21	56	6/11/2015 1:26	52	7/11/2015 2:31	45	8/11/2015 3:36	58
2/11/2015 6:16	52	3/11/2015 23:21	57	5/11/2015 0:26	57	6/11/2015 1:31	53	7/11/2015 2:36	58	8/11/2015 3:41	57
2/11/2015 6:21	55	3/11/2015 23:26	57	5/11/2015 0:31	55	6/11/2015 1:36	51	7/11/2015 2:41	58	8/11/2015 3:46	57
2/11/2015 6:26	55	3/11/2015 23:31	56	5/11/2015 0:36	56	6/11/2015 1:41	50	7/11/2015 2:46	58	8/11/2015 3:51	58
2/11/2015 6:31	57	3/11/2015 23:36	53	5/11/2015 0:41	56	6/11/2015 1:46	49	7/11/2015 2:51	58	8/11/2015 3:56	54
2/11/2015 6:36	58	3/11/2015 23:41	54	5/11/2015 0:46	56	6/11/2015 1:51	53	7/11/2015 2:56	57	8/11/2015 4:01	58
2/11/2015 6:41	59	3/11/2015 23:46	55	5/11/2015 0:51	58	6/11/2015 1:56	48	7/11/2015 3:01	58	8/11/2015 4:06	57
2/11/2015 6:46	59	3/11/2015 23:51	53	5/11/2015 0:56	57	6/11/2015 2:01	47	7/11/2015 3:06	58	8/11/2015 4:11	58
2/11/2015 6:51	59	3/11/2015 23:56	54	5/11/2015 1:01	56	6/11/2015 2:06	45	7/11/2015 3:11	57	8/11/2015 4:16	56
2/11/2015 6:56	60	4/11/2015 0:01	54	5/11/2015 1:06	47	6/11/2015 2:11	50	7/11/2015 3:16	58	8/11/2015 4:21	57
2/11/2015 23:01	57	4/11/2015 0:06	52	5/11/2015 1:11	45	6/11/2015 2:16	58	7/11/2015 3:21	57	8/11/2015 4:26	56
2/11/2015 23:06	58	4/11/2015 0:11	55	5/11/2015 1:16	44	6/11/2015 2:21	58	7/11/2015 3:26	57	8/11/2015 4:31	57
2/11/2015 23:11	57	4/11/2015 0:16	53	5/11/2015 1:21	48	6/11/2015 2:26	58	7/11/2015 3:31	58	8/11/2015 4:36	58
2/11/2015 23:16	57	4/11/2015 0:21	56	5/11/2015 1:26	51	6/11/2015 2:31	45	7/11/2015 3:36	58	8/11/2015 4:41	57
2/11/2015 23:21	59	4/11/2015 0:26	53	5/11/2015 1:31	52	6/11/2015 2:36	57	7/11/2015 3:41	57	8/11/2015 4:46	57
2/11/2015 23:26	58	4/11/2015 0:31	58	5/11/2015 1:36	58	6/11/2015 2:41	57	7/11/2015 3:46	57	8/11/2015 4:51	56
2/11/2015 23:31	57	4/11/2015 0:36	52	5/11/2015 1:41	58	6/11/2015 2:46	57	7/11/2015 3:51	57	8/11/2015 4:56	57
2/11/2015 23:36	57	4/11/2015 0:41	53	5/11/2015 1:46	58	6/11/2015 2:51	58	7/11/2015 3:56	57	8/11/2015 5:01	56
2/11/2015 23:41	55	4/11/2015 0:46	48	5/11/2015 1:51	50	6/11/2015 2:56	58	7/11/2015 4:01	57	8/11/2015 5:06	56
2/11/2015 23:46	55	4/11/2015 0:51	49	5/11/2015 1:56	58	6/11/2015 3:01	58	7/11/2015 4:06	57	8/11/2015 5:11	56
2/11/2015 23:51	55	4/11/2015 0:56	58	5/11/2015 2:01	58	6/11/2015 3:06	57	7/11/2015 4:11	57	8/11/2015 5:16	56
2/11/2015 23:56	54	4/11/2015 1:01	58	5/11/2015 2:06	44	6/11/2015 3:11	57	7/11/2015 4:16	58	8/11/2015 5:21	57
3/11/2015 0:01	55	4/11/2015 1:06	58	5/11/2015 2:11	35	6/11/2015 3:16	57	7/11/2015 4:21	57	8/11/2015 5:26	56
3/11/2015 0:06	57	4/11/2015 1:11	58	5/11/2015 2:16	41	6/11/2015 3:21	56	7/11/2015 4:26	57	8/11/2015 5:31	57
3/11/2015 0:11	51	4/11/2015 1:16	43	5/11/2015 2:21	57	6/11/2015 3:26	56	7/11/2015 4:31	58	8/11/2015 5:36	57
3/11/2015 0:16	51	4/11/2015 1:21	58	5/11/2015 2:26	47	6/11/2015 3:31	55	7/11/2015 4:36	56	8/11/2015 5:41	58
3/11/2015 0:21	51	4/11/2015 1:26	58	5/11/2015 2:31	58	6/11/2015 3:36	56	7/11/2015 4:41	56	8/11/2015 5:46	58
3/11/2015 0:26	50	4/11/2015 1:31	57	5/11/2015 2:36	46	6/11/2015 3:41	56	7/11/2015 4:46	57	8/11/2015 5:51	58
3/11/2015 0:31	53	4/11/2015 1:36	57	5/11/2015 2:41	58	6/11/2015 3:46	56	7/11/2015 4:51	56	8/11/2015 5:56	58
3/11/2015 0:36	53	4/11/2015 1:41	57	5/11/2015 2:46	58	6/11/2015 3:51	56	7/11/2015 4:56	57	8/11/2015 6:01	57
3/11/2015 0:41	53	4/11/2015 1:46	58	5/11/2015 2:51	58	6/11/2015 3:56	56	7/11/2015 5:01	57	8/11/2015 6:06	44
3/11/2015 0:46	58	4/11/2015 1:51	57	5/11/2015 2:56	57	6/11/2015 4:01	55	7/11/2015 5:06	57	8/11/2015 6:11	58
3/11/2015 0:51	58	4/11/2015 1:56	43	5/11/2015 3:01	57	6/11/2015 4:06	56	7/11/2015 5:11	57	8/11/2015 6:16	58
3/11/2015 0:56	51	4/11/2015 2:01	57	5/11/2015 3:06	57	6/11/2015 4:11	56	7/11/2015 5:16	57	8/11/2015 6:21	48
3/11/2015 1:01	58	4/11/2015 2:06	57	5/11/2015 3:11	57	6/11/2015 4:16	56	7/11/2015 5:21	57	8/11/2015 6:26	50
3/11/2015 1:06	58	4/11/2015 2:11	57	5/11/2015 3:16	58	6/11/2015 4:21	55	7/11/2015 5:26	57	8/11/2015 6:31	53
3/11/2015 1:11	58	4/11/2015 2:16	56	5/11/2015 3:21	57	6/11/2015 4:26	56	7/11/2015 5:31	58	8/11/2015 6:36	52
3/11/2015 1:16	50	4/11/2015 2:21	56	5/11/2015 3:26	58	6/11/2015 4:31	57	7/11/2015 5:36	57	8/11/2015 6:41	53
3/11/2015 1:21	57	4/11/2015 2:26	56	5/11/2015 3:31	57	6/11/2015 4:36	56	7/11/2015 5:41	57	8/11/2015 6:46	54
3/11/2015 1:26	42	4/11/2015 2:31	56	5/11/2015 3:36	56	6/11/2015 4:41	56	7/11/2015 5:46	57	8/11/2015 6:51	55
3/11/2015 1:31	58	4/11/2015 2:36	56	5/11/2015 3:41	56	6/11/2015 4:46	56	7/11/2015 5:51	57	8/11/2015 6:56	55
3/11/2015 1:36	48	4/11/2015 2:41	55	5/11/2015 3:46	57	6/11/2015 4:51	56	7/11/2015 5:56	58	8/11/2015 23:01	57
3/11/2015 1:41	57	4/11/2015 2:46	56	5/11/2015 3:51	58	6/11/2015 4:56	56	7/11/2015 6:01	58	8/11/2015 23:06	56
3/11/2015 1:46	58	4/11/2015 2:51	56	5/11/2015 3:56	58	6/11/2015 5:01	56	7/11/2015 6:06	57	8/11/2015 23:11	54
3/11/2015 1:51	57	4/11/2015 2:56	56	5/11/2015 4:01	57	6/11/2015 5:06	56	7/11/2015 6:11	48	8/11/2015 23:16	57
3/11/2015 1:56	57	4/11/2015 3:01	56	5/11/2015 4:06	58	6/11/2015 5:11	57	7/11/2015 6:16	50	8/11/2015 23:21	57
3/11/2015 2:01	58	4/11/2015 3:06	56	5/11/2015 4:11	58	6/11/2015 5:16	56	7/11/2015 6:21	49	8/11/2015 23:26	55
3/11/2015 2:06	57	4/11/2015 3:11	56	5/11/2015 4:16	57	6/11/2015 5:21	56	7/11/2015 6:26	50	8/11/2015 23:31	55
3/11/2015 2:11	56	4/11/2015 3:16	57	5/11/2015 4:21	57	6/11/2015 5:26	58	7/11/2015 6:31	54	8/11/2015 23:36	54
3/11/2015 2:16	57	4/11/2015 3:21	56	5/11/2015 4:26	58	6/11/2015 5:31	57	7/11/2015 6:36	53	8/11/2015 23:41	54
3/11/2015 2:21	57	4/11/2015 3:26	57	5/11/2015 4:31	52	6/11/2015 5:36	57	7/11/2015 6:41	57	8/11/2015 23:46	54
3/11/2015 2:26	57	4/11/2015 3:31	56	5/11/2015 4:36	48	6/11/2015 5:41	58	7/11/2015 6:46	57	8/11/2015 23:51	53
3/11/2015 2:31	56	4/11/2015 3:36	55	5/11/2015 4:41	53	6/11/2015 5:46	58	7/11/2015 6:51	58	8/11/2015 23:56	58
3/11/2015 2:36	57	4/11/2015 3:41	56	5/11/2015 4:46	55	6/11/2015 5:51	57	7/11/2015 6:56	58	9/11/2015 0:01	61
3/11/2015 2:41	56	4/11/2015 3:46	56	5/11/2015 4:51	57	6/11/2015 5:56	40	7/11/2015 23:01	56	9/11/2015 0:06	53
3/11/2015 2:46	56	4/11/2015 3:51	56	5/11/2015 4:56	57	6/11/2015 6:01	57	7/11/2015 23:06	58	9/11/2015 0:11	51
3/11/2015 2:51	57	4/11/2015 3:56	56	5/11/2015 5:01	58	6/11/2015 6:06	58	7/11/2015 23:11	56	9/11/2015 0:16	53
3/11/2015 2:56	56	4/11/2015 4:01	55	5/11/2015 5:06	57	6/11/2015 6:11	53	7/11/2015 23:16	58	9/11/2015 0:21	52
3/11/2015 3:01	56	4/11/2015 4:06	55	5/11/2015 5:11	56	6/11/2015 6:16	52	7/11/2015 23:21	56	9/11/2015 0:26	51
3/11/2015 3:06	55	4/11/2015 4:11	55	5/11/2015 5:16	56	6/11/2015 6:21	53	7/11/2015 23:26	57	9/11/2015 0:31	42
3/11/2015 3:11	56	4/11/2015 4:16	56	5/11/2015 5:21	57	6/11/2015 6:26	56	7/11/2015 23:31	57	9/11/2015 0:36	58
3/11/2015 3:16	55	4/11/2015 4:21	56	5/11/2015 5:26	57	6/11/2015 6:31	54	7/11/2015 23:36	55	9/11/2015 0:41	58
3/11/2015 3:21	56	4/11/2015 4:26	56	5/11/2015 5:31	57	6/11/2015 6:36	57	7/11/2015 23:41	57	9/11/2015 0:46	44
3/11/2015 3:26	55	4/11/2015 4:31	56	5/11/2015 5:36	57	6/11/2015 6:41	57	7/11/2015 23:46	56	9/11/2	

Real-time Noise Data		RTN2a (Hong Kong Electric Centre)									
9/11/2015 3:41	56	10/11/2015 4:46	56	11/11/2015 5:51	52	12/11/2015 6:56	60	14/11/2015 0:01	59	15/11/2015 1:06	53
9/11/2015 3:46	55	10/11/2015 4:51	56	11/11/2015 5:56	49	12/11/2015 23:01	58	14/11/2015 0:06	58	15/11/2015 1:11	57
9/11/2015 3:51	53	10/11/2015 4:56	56	11/11/2015 6:01	50	12/11/2015 23:06	57	14/11/2015 0:11	58	15/11/2015 1:16	53
9/11/2015 3:56	55	10/11/2015 5:01	56	11/11/2015 6:06	52	12/11/2015 23:11	58	14/11/2015 0:16	59	15/11/2015 1:21	51
9/11/2015 4:01	55	10/11/2015 5:06	57	11/11/2015 6:11	52	12/11/2015 23:16	56	14/11/2015 0:21	58	15/11/2015 1:26	54
9/11/2015 4:06	55	10/11/2015 5:11	57	11/11/2015 6:16	54	12/11/2015 23:21	56	14/11/2015 0:26	57	15/11/2015 1:31	54
9/11/2015 4:11	55	10/11/2015 5:16	55	11/11/2015 6:21	55	12/11/2015 23:26	57	14/11/2015 0:31	57	15/11/2015 1:36	50
9/11/2015 4:16	55	10/11/2015 5:21	56	11/11/2015 6:26	57	12/11/2015 23:31	56	14/11/2015 0:36	58	15/11/2015 1:41	54
9/11/2015 4:21	56	10/11/2015 5:26	57	11/11/2015 6:31	56	12/11/2015 23:36	57	14/11/2015 0:41	57	15/11/2015 1:46	53
9/11/2015 4:26	56	10/11/2015 5:31	58	11/11/2015 6:36	57	12/11/2015 23:41	57	14/11/2015 0:46	57	15/11/2015 1:51	52
9/11/2015 4:31	55	10/11/2015 5:36	57	11/11/2015 6:41	59	12/11/2015 23:46	56	14/11/2015 0:51	55	15/11/2015 1:56	50
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9/11/2015 4:41	56	10/11/2015 5:46	58	11/11/2015 6:51	61	12/11/2015 23:56	56	14/11/2015 1:01	57	15/11/2015 2:06	50
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10/11/2015 1:41	57	11/11/2015 2:46	57	12/11/2015 3:51	56	13/11/2015 4:56	57	14/11/2015 6:01	58	15/11/2015 23:06	56
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Real-time Noise Data	RTN2a (Hong Kong Electric Centre)					
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16/11/2015 2:21 57	17/11/2015 3:26 56	18/11/2015 4:31 56	19/11/2015 5:36 57	20/11/2015 6:41 55	21/11/2015 23:46 55	
16/11/2015 2:26 57	17/11/2015 3:31 57	18/11/2015 4:36 54	19/11/2015 5:41 57	20/11/2015 6:46 56	21/11/2015 23:51 56	
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16/11/2015 3:01 56	17/11/2015 4:06 56	18/11/2015 5:11 58	19/11/2015 6:16 32	20/11/2015 23:21 57	22/11/2015 0:26 54	
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16/11/2015 23:31 55	18/11/2015 0:36 47	19/11/2015 1:41 57	20/11/2015 2:46 57	21/11/2015 3:51 58	22/11/2015 4:56 56	
16/11/2015 23:36 55	18/11/2015 0:41 53	19/11/2015 1:46 56	20/11/2015 2:51 57	21/11/2015 3:56 57	22/11/2015 5:01 56	
16/11/2015 23:41 57	18/11/2015 0:46 50	19/11/2015 1:51 57	20/11/2015 2:56 57	21/11/2015 4:01 57	22/11/2015 5:06 57	
16/11/2015 23:46 56	18/11/2015 0:51 42	19/11/2015 1:56 57	20/11/2015 3:01 57	21/11/2015 4:06 57	22/11/2015 5:11 56	
16/11/2015 23:51 57	18/11/2015 0:56 47	19/11/2015 2:01 56	20/11/2015 3:06 55	21/11/2015 4:11 57	22/11/2015 5:16 56	
16/11/2015 23:56 54	18/11/2015 1:01 47	19/11/2015 2:06 56	20/11/2015 3:11 55	21/11/2015 4:16 57	22/11/2015 5:21 57	
17/11/2015 0:01 54	18/11/2015 1:06 47	19/11/2015 2:11 57	20/11/2015 3:16 56	21/11/2015 4:21 58	22/11/2015 5:26 57	
17/11/2015 0:06 53	18/11/2015 1:11 46	19/11/2015 2:16 57	20/11/2015 3:21 56	21/11/2015 4:26 57	22/11/2015 5:31 57	
17/11/2015 0:11 52	18/11/2015 1:16 42	19/11/2015 2:21 57	20/11/2015 3:26 56	21/11/2015 4:31 57	22/11/2015 5:36 57	
17/11/2015 0:16 53	18/11/2015 1:21 40	19/11/2015 2:26 56	20/11/2015 3:31 55	21/11/2015 4:36 57	22/11/2015 5:41 58	
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17/11/2015 0:26 50	18/11/2015 1:31 57	19/11/2015 2:36 56	20/11/2015 3:41 57	21/11/2015 4:46 56	22/11/2015 5:51 57	
17/11/2015 0:31 54	18/11/2015 1:36 57	19/11/2015 2:41 56	20/11/2015 3:46 55	21/11/2015 4:51 57	22/11/2015 5:56 57	
17/11/2015 0:36 45	18/11/2015 1:41 57	19/11/2015 2:46 56	20/11/2015 3:51 56	21/11/2015 4:56 57	22/11/2015 6:01 57	
17/11/2015 0:41 52	18/11/2015 1:46 57	19/11/2015 2:51 56	20/11/2015 3:56 56	21/11/2015 5:01 56	22/11/2015 6:06 57	
17/11/2015 0:46 50	18/11/2015 1:51 57	19/11/2015 2:56 57	20/11/2015 4:01 55	21/11/2015 5:06 56	22/11/2015 6:11 52	
17/11/2015 0:51 55	18/11/2015 1:56 51	19/11/2015 3:01 56	20/11/2015 4:06 55	21/11/2015 5:11 58	22/11/2015 6:16 58	
17/11/2015 0:56 49	18/11/2015 2:01 58	19/11/2015 3:06 56	20/11/2015 4:11 56	21/11/2015 5:16 57	22/11/2015 6:21 58	
17/11/2015 1:01 43	18/11/2015 2:06 58	19/11/2015 3:11 55	20/11/2015 4:16 55	21/11/2015 5:21 57	22/11/2015 6:26 58	
17/11/2015 1:06 58	18/11/2015 2:11 57	19/11/2015 3:16 56	20/11/2015 4:21 55	21/11/2015 5:26 57	22/11/2015 6:31 39	
17/11/2015 1:11 48	18/11/2015 2:16 57	19/11/2015 3:21 56	20/11/2015 4:26 55	21/11/2015 5:31 57	22/11/2015 6:36 58	
17/11/2015 1:16 58	18/11/2015 2:21 56	19/11/2015 3:26				

Real-time Noise Data	RTN2a (Hong Kong Electric Centre)			
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23/11/2015 0:46 58	24/11/2015 1:51 57	25/11/2015 2:56 55	26/11/2015 4:01 55	27/11/2015 5:06 55
23/11/2015 0:51 57	24/11/2015 1:56 56	25/11/2015 3:01 55	26/11/2015 4:06 56	27/11/2015 5:11 56
23/11/2015 0:56 57	24/11/2015 2:01 57	25/11/2015 3:06 56	26/11/2015 4:11 56	27/11/2015 5:16 55
23/11/2015 1:01 57	24/11/2015 2:06 56	25/11/2015 3:11 54	26/11/2015 4:16 55	27/11/2015 5:21 56
23/11/2015 1:06 58	24/11/2015 2:11 56	25/11/2015 3:16 55	26/11/2015 4:21 56	27/11/2015 5:26 57
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23/11/2015 1:16 57	24/11/2015 2:21 56	25/11/2015 3:26 56	26/11/2015 4:31 55	27/11/2015 5:36 57
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23/11/2015 1:26 57	24/11/2015 2:31 56	25/11/2015 3:36 55	26/11/2015 4:41 55	27/11/2015 5:46 57
23/11/2015 1:31 58	24/11/2015 2:36 55	25/11/2015 3:41 55	26/11/2015 4:46 55	27/11/2015 5:51 58
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23/11/2015 1:41 56	24/11/2015 2:46 56	25/11/2015 3:51 55	26/11/2015 4:56 55	27/11/2015 6:01 58
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23/11/2015 2:16 55	24/11/2015 3:21 55	25/11/2015 4:26 54	26/11/2015 5:31 57	27/11/2015 6:36 54
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23/11/2015 2:31 55	24/11/2015 3:36 55	25/11/2015 4:41 55	26/11/2015 5:46 58	27/11/2015 6:51 58
23/11/2015 2:36 54	24/11/2015 3:41 55	25/11/2015 4:46 54	26/11/2015 5:51 57	27/11/2015 6:56 59
23/11/2015 2:41 56	24/11/2015 3:46 55	25/11/2015 4:51 55	26/11/2015 5:56 57	27/11/2015 23:01 56
23/11/2015 2:46 55	24/11/2015 3:51 56	25/11/2015 4:56 54	26/11/2015 6:01 57	27/11/2015 23:06 59
23/11/2015 2:51 55	24/11/2015 3:56 56	25/11/2015 5:01 55	26/11/2015 6:06 57	27/11/2015 23:11 56
23/11/2015 2:56 56	24/11/2015 4:01 55	25/11/2015 5:06 56	26/11/2015 6:11 58	27/11/2015 23:16 57
23/11/2015 3:01 58	24/11/2015 4:06 55	25/11/2015 5:11 56	26/11/2015 6:16 45	27/11/2015 23:21 57
23/11/2015 3:06 56	24/11/2015 4:11 55	25/11/2015 5:16 55	26/11/2015 6:21 44	27/11/2015 23:26 57
23/11/2015 3:11 56	24/11/2015 4:16 55	25/11/2015 5:21 56	26/11/2015 6:26 53	27/11/2015 23:31 57
23/11/2015 3:16 55	24/11/2015 4:21 55	25/11/2015 5:26 56	26/11/2015 6:31 55	27/11/2015 23:36 55
23/11/2015 3:21 54	24/11/2015 4:26 54	25/11/2015 5:31 56	26/11/2015 6:36 55	27/11/2015 23:41 56
23/11/2015 3:26 55	24/11/2015 4:31 55	25/11/2015 5:36 56	26/11/2015 6:41 57	27/11/2015 23:46 54
23/11/2015 3:31 55	24/11/2015 4:36 55	25/11/2015 5:41 57	26/11/2015 6:46 56	27/11/2015 23:51 54
23/11/2015 3:36 55	24/11/2015 4:41 55	25/11/2015 5:46 56	26/11/2015 6:51 58	27/11/2015 23:56 55
23/11/2015 3:41 55	24/11/2015 4:46 55	25/11/2015 5:51 57	26/11/2015 6:56 59	
23/11/2015 3:46 56	24/11/2015 4:51 55	25/11/2015 5:56 57	26/11/2015 23:01 56	
23/11/2015 3:51 56	24/11/2015 4:56 56	25/11/2015 6:01 56	26/11/2015 23:06 56	
23/11/2015 3:56 56	24/11/2015 5:01 55	25/11/2015 6:06 57	26/11/2015 23:11 56	
23/11/2015 4:01 55	24/11/2015 5:06 55	25/11/2015 6:11 57	26/11/2015 23:16 54	
23/11/2015 4:06 55	24/11/2015 5:11 56	25/11/2015 6:16 58	26/11/2015 23:21 56	
23/11/2015 4:11 54	24/11/2015 5:16 55	25/11/2015 6:21 58	26/11/2015 23:26 56	
23/11/2015 4:16 56	24/11/2015 5:21 56	25/11/2015 6:26 37	26/11/2015 23:31 54	
23/11/2015 4:21 56	24/11/2015 5:26 57	25/11/2015 6:31 50	26/11/2015 23:36 55	
23/11/2015 4:26 55	24/11/2015 5:31 56	25/11/2015 6:36 54	26/11/2015 23:41 54	
23/11/2015 4:31 55	24/11/2015 5:36 57	25/11/2015 6:41 56	26/11/2015 23:46 55	
23/11/2015 4:36 55	24/11/2015 5:41 56	25/11/2015 6:46 55	26/11/2015 23:51 54	
23/11/2015 4:41 56	24/11/2015 5:46 57	25/11/2015 6:51 57	26/11/2015 23:56 51	
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23/11/2015 4:51 55	24/11/2015 5:56 57	25/11/2015 23:01 56	27/11/2015 0:06 51	
23/11/2015 4:56 55	24/11/2015 6:01 58	25/11/2015 23:06 55	27/11/2015 0:11 53	
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23/11/2015 5:16 55	24/11/2015 6:21 51	25/11/2015 23:26 55	27/11/2015 0:31 47	
23/11/2015 5:21 56	24/11/2015 6:26 46	25/11/2015 23:31 53	27/11/2015 0:36 45	
23/11/2015 5:26 56	24/11/2015 6:31 52	25/11/2015 23:36 53	27/11/2015 0:41 50	
23/11/2015 5:31 56	24/11/2015 6:36 54	25/11/2015 23:41 54	27/11/2015 0:46 58	
23/11/2015 5:36 56	24/11/2015 6:41 54	25/11/2015 23:46 53	27/11/2015 0:51 58	
23/11/2015 5:41 57	24/11/2015 6:46 55	25/11/2015 23:51 56	27/11/2015 0:56 58	
23/11/2015 5:46 58	24/11/2015 6:51 58	25/11/2015 23:56 52	27/11/2015 1:01 58	
23/11/2015 5:51 57	24/11/2015 6:56 57	26/11/2015 0:01 51	27/11/2015 1:06 58	
23/11/2015 5:56 58	24/11/2015 23:01 61	26/11/2015 0:06 52	27/11/2015 1:11 58	
23/11/2015 6:01 57	24/11/2015 23:06 55	26/11/2015 0:11 54	27/11/2015 1:16 57	
23/11/2015 6:06 57	24/11/2015 23:11 56	26/11/2015 0:16 54	27/11/2015 1:21 58	
23/11/2015 6:11 58	24/11/2015 23:16 55	26/11/2015 0:21 51	27/11/2015 1:26 58	
23/11/2015 6:16 58	24/11/2015 23:21 54	26/11/2015 0:26 47	27/11/2015 1:31 57	
23/11/2015 6:21 50	24/11/2015 23:26 55	26/11/2015 0:31 51	27/11/2015 1:36 56	
23/11/2015 6:26 53	24/11/2015 23:31 54	26/11/2015 0:36 58	27/11/2015 1:41 57	
23/11/2015 6:31 50	24/11/2015 23:36 52	26/11/2015 0:41 58	27/11/2015 1:46 57	
23/11/2015 6:36 56	24/11/2015 23:41 54	26/11/2015 0:46 50	27/11/2015 1:51 57	
23/11/2015 6:41 57	24/11/2015 23:46 51	26/11/2015 0:51 43	27/11/2015 1:56 58	
23/11/2015 6:46 57	24/11/2015 23:51 49	26/11/2015 0:56 58	27/11/2015 2:01 57	
23/11/2015 6:51 58	24/11/2015 23:56 56	26/11/2015 1:01 45	27/11/2015 2:06 56	
23/11/2015 6:56 58	25/11/2015 0:01 50	26/11/2015 1:06 58	27/11/2015 2:11 58	
23/11/2015 23:01 55	25/11/2015 0:06 48	26/11/2015 1:11 58	27/11/2015 2:16 56	
23/11/2015 23:06 53	25/11/2015 0:11 48	26/11/2015 1:16 58	27/11/2015 2:21 56	
23/11/2015 23:11 55	25/11/2015 0:16 47	26/11/2015 1:21 50	27/11/2015 2:26 56	
23/11/2015 23:16 54	25/11/2015 0:21 47	26/11/2015 1:26 58	27/11/2015 2:31 56	
23/11/2015 23:21 55	25/11/2015 0:26 45	26/11/2015 1:31 57	27/11/2015 2:36 56	
23/11/2015 23:26 58	25/11/2015 0:31 42	26/11/2015 1:36 57	27/11/2015 2:41 56	
23/11/2015 23:31 53	25/11/2015 0:36 44	26/11/2015 1:41 57	27/11/2015 2:46 57	
23/11/2015 23:36 51	25/11/2015 0:41 58	26/11/2015 1:46 58	27/11/2015 2:51 56	
23/11/2015 23:41 52	25/11/2015 0:46 58	26/11/2015 1:51 57	27/11/2015 2:56 55	
23/11/2015 23:46 54	25/11/2015 0:51 57	26/11/2015 1:56 57	27/11/2015 3:01 56	
23/11/2015 23:51 54	25/11/2015 0:56 57	26/11/2015 2:01 58	27/11/2015 3:06 55	
23/11/2015 23:56 56	25/11/2015 1:01 58	26/11/2015 2:06 57	27/11/2015 3:11 55	
24/11/2015 0:01 52	25/11/2015 1:06 57	26/11/2015 2:11 58	27/11/2015 3:16 56	
24/11/2015 0:06 49	25/11/2015 1:11 57	26/11/2015 2:16 58	27/11/2015 3:21 55	
24/11/2015 0:11 47	25/11/2015 1:16 57	26/11/2015 2:21 56	27/11/2015 3:26 56	
24/11/2015 0:16 53	25/11/2015 1:21 57	26/11/2015 2:26 57	27/11/2015 3:31 56	
24/11/2015 0:21 47	25/11/2015 1:26 57	26/11/2015 2:31 58	27/11/2015 3:36 55	
24/11/2015 0:26 58	25/11/2015 1:31 51	26/11/2015 2:36 56	27/11/2015 3:41 56	
24/11/2015 0:31 37	25/11/2015 1:36 57	26/11/2015 2:41 56	27/11/2015 3:46 56	
24/11/2015 0:36 58	25/11/2015 1:41 58	26/11/2015 2:46 57	27/11/2015 3:51 55	
24/11/2015 0:41 58	25/11/2015 1:46 57	26/11/2015 2:51 56	27/11/2015 3:56 55	
24/11/2015 0:46 58	25/11/2015 1:51 57	26/11/2015 2:56 57	27/11/2015 4:01 55	
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24/11/2015 1:01 57	25/11/2015 2:06 56	26/11/2015 3:11 55	27/11/2015 4:16 55	
24/11/2015 1:06 58	25/11/2015 2:11 56	26/11/2015 3:16 56	27/11/2015 4:21 55	
24/11/2015 1:11 57	25/11/2015 2:16 55	26/11/2015 3:21 56	27/11/2015 4:26 56	
24/11/2015 1:16 57	25/11/2015 2:21 55	26/11/2015 3:26 55	27/11/2015 4:31 56	
24/11/2015 1:21 57	25/11/2015 2:26 55	26/11/2015 3:31 55	27/11/2015 4:36 55	
24/11/2015 1:26 57	25/11/2015 2:31 54	26/11/2015 3:36 55	27/11/2015 4:41 55	
24/11/2015 1:31 57	25/11/2015 2:36 55	26/11/2015 3:41 55	27/11/2015 4:46 56	
24/11/2015 1:36 56	25/11/2015 2:41 56	26/11/2015 3:46 55	27/11/2015 4:51 56	
24/11/2015 1:41 57	25/11/2015 2:46 55	26/11/2015 3:51 55	27/11/2015 4:56 55	

Real-time Noise Data	RTN3 (Po Leung Kuk Yu Lee Mo Fan Memorial School)					
Normal Day 07:00-19:00	2/11/2015 12:01 66	6/11/2015 18:31 62	12/11/2015 13:01 67	18/11/2015 7:31 65	23/11/2015 14:01 67	
	2/11/2015 12:31 66	7/11/2015 7:01 66	12/11/2015 13:31 67	18/11/2015 8:01 65	23/11/2015 14:31 67	
	2/11/2015 13:01 67	7/11/2015 7:31 66	12/11/2015 14:01 67	18/11/2015 8:31 65	23/11/2015 15:01 67	
28/10/2015 7:01 68	2/11/2015 13:31 67	7/11/2015 8:01 67	12/11/2015 14:31 67	18/11/2015 9:01 64	23/11/2015 15:31 67	
28/10/2015 7:31 65	2/11/2015 14:01 67	7/11/2015 8:31 67	12/11/2015 15:01 66	18/11/2015 9:31 65	23/11/2015 16:01 67	
28/10/2015 8:01 66	2/11/2015 14:31 67	7/11/2015 9:01 67	12/11/2015 15:31 63	18/11/2015 10:01 67	23/11/2015 16:31 67	
28/10/2015 8:31 66	2/11/2015 15:01 67	7/11/2015 9:31 65	12/11/2015 16:01 64	18/11/2015 10:31 67	23/11/2015 17:01 66	
28/10/2015 9:01 66	2/11/2015 15:31 67	7/11/2015 10:01 65	12/11/2015 16:31 66	18/11/2015 11:01 67	23/11/2015 17:31 66	
28/10/2015 9:31 66	2/11/2015 16:01 68	7/11/2015 10:31 66	12/11/2015 17:01 66	18/11/2015 11:31 67	23/11/2015 18:01 65	
28/10/2015 10:01 66	2/11/2015 16:31 67	7/11/2015 11:01 67	12/11/2015 17:31 66	18/11/2015 12:01 67	23/11/2015 18:31 66	
28/10/2015 10:31 65	2/11/2015 17:01 67	7/11/2015 11:31 67	12/11/2015 18:01 66	18/11/2015 12:31 67	24/11/2015 7:01 66	
28/10/2015 11:01 67	2/11/2015 17:31 66	7/11/2015 12:01 66	12/11/2015 18:31 66	18/11/2015 13:01 67	24/11/2015 7:31 67	
28/10/2015 11:31 66	2/11/2015 18:01 66	7/11/2015 12:31 65	13/11/2015 7:01 66	18/11/2015 13:31 67	24/11/2015 8:01 66	
28/10/2015 12:01 66	2/11/2015 18:31 66	7/11/2015 13:01 64	13/11/2015 7:31 64	18/11/2015 14:01 67	24/11/2015 8:31 65	
28/10/2015 12:31 65	3/11/2015 7:01 67	7/11/2015 13:31 64	13/11/2015 8:01 66	18/11/2015 14:31 67	24/11/2015 9:01 67	
28/10/2015 13:01 66	3/11/2015 7:31 67	7/11/2015 14:01 64	13/11/2015 8:31 68	18/11/2015 15:01 67	24/11/2015 9:31 67	
28/10/2015 13:31 66	3/11/2015 8:01 67	7/11/2015 14:31 64	13/11/2015 9:01 65	18/11/2015 15:31 66	24/11/2015 10:01 65	
28/10/2015 14:01 66	3/11/2015 8:31 49	7/11/2015 15:01 64	13/11/2015 9:31 64	18/11/2015 16:01 67	24/11/2015 10:31 64	
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28/10/2015 17:01 66	3/11/2015 11:31 67	7/11/2015 18:01 65	13/11/2015 12:31 64	19/11/2015 7:01 66	24/11/2015 13:31 67	
28/10/2015 17:31 65	3/11/2015 12:01 67	7/11/2015 18:31 66	13/11/2015 13:01 67	19/11/2015 7:31 67	24/11/2015 14:01 67	
28/10/2015 18:01 63	3/11/2015 12:31 67	9/11/2015 7:01 66	13/11/2015 13:31 67	19/11/2015 8:01 66	24/11/2015 14:31 65	
28/10/2015 18:31 63	3/11/2015 13:01 67	9/11/2015 7:31 66	13/11/2015 14:01 66	19/11/2015 8:31 65	24/11/2015 15:01 64	
29/10/2015 7:01 67	3/11/2015 13:31 67	9/11/2015 8:01 65	13/11/2015 14:31 68	19/11/2015 9:01 66	24/11/2015 15:31 64	
29/10/2015 7:31 64	3/11/2015 14:01 67	9/11/2015 8:31 65	13/11/2015 15:01 66	19/11/2015 9:31 68	24/11/2015 16:01 66	
29/10/2015 8:01 64	3/11/2015 14:31 67	9/11/2015 9:01 65	13/11/2015 15:31 67	19/11/2015 10:01 67	24/11/2015 16:31 66	
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29/10/2015 9:01 64	3/11/2015 15:31 67	9/11/2015 10:01 67	13/11/2015 16:31 67	19/11/2015 11:01 67	24/11/2015 17:31 66	
29/10/2015 9:31 65	3/11/2015 16:01 67	9/11/2015 10:31 67	13/11/2015 17:01 67	19/11/2015 11:31 67	24/11/2015 18:01 66	
29/10/2015 10:01 66	3/11/2015 16:31 67	9/11/2015 11:01 67	13/11/2015 17:31 67	19/11/2015 12:01 66	24/11/2015 18:31 66	
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31/10/2015 9:01 66	5/11/2015 15:31 67	11/11/2015 10:01 67	16/11/2015 16:31 67	21/11/2015 11:01 66	26/11/2015 17:31 66	
31/10/2015 9:31 65	5/11/201					

Real-time Noise Data	RTN3 (Po Leung Kuk Yu Lee Mo Fan Memorial School)			
Normal Day 19:00-23:00	30/10/2015 19:41 65	1/11/2015 8:46 66	1/11/2015 17:51 66	2/11/2015 22:56 64
Sunday & Holiday	30/10/2015 19:46 65	1/11/2015 8:51 66	1/11/2015 17:56 55	3/11/2015 19:01 62
07:00-23:00	30/10/2015 19:51 65	1/11/2015 8:56 66	1/11/2015 18:01 66	3/11/2015 19:06 62
	30/10/2015 19:56 66	1/11/2015 9:01 65	1/11/2015 18:06 66	3/11/2015 19:11 62
	30/10/2015 20:01 65	1/11/2015 9:06 66	1/11/2015 18:11 65	3/11/2015 19:16 61
	30/10/2015 20:06 65	1/11/2015 9:11 65	1/11/2015 18:16 66	3/11/2015 19:21 62
28/10/2015 19:01 63	30/10/2015 20:11 65	1/11/2015 9:16 66	1/11/2015 18:21 66	3/11/2015 19:26 62
28/10/2015 19:06 65	30/10/2015 20:16 65	1/11/2015 9:21 55	1/11/2015 18:26 66	3/11/2015 19:31 62
28/10/2015 19:11 66	30/10/2015 20:21 66	1/11/2015 9:26 66	1/11/2015 18:31 66	3/11/2015 19:36 62
28/10/2015 19:16 65	30/10/2015 20:26 65	1/11/2015 9:31 66	1/11/2015 18:36 60	3/11/2015 19:41 63
28/10/2015 19:21 65	30/10/2015 20:31 65	1/11/2015 9:36 66	1/11/2015 18:41 66	3/11/2015 19:46 66
28/10/2015 19:26 65	30/10/2015 20:36 65	1/11/2015 9:41 66	1/11/2015 18:46 66	3/11/2015 19:51 63
28/10/2015 19:31 65	30/10/2015 20:41 65	1/11/2015 9:46 45	1/11/2015 18:51 66	3/11/2015 19:56 65
28/10/2015 19:36 65	30/10/2015 20:46 65	1/11/2015 9:51 66	1/11/2015 18:56 66	3/11/2015 20:01 65
28/10/2015 19:41 65	30/10/2015 20:51 65	1/11/2015 9:56 66	1/11/2015 19:01 66	3/11/2015 20:06 65
28/10/2015 19:46 65	30/10/2015 20:56 65	1/11/2015 10:01 66	1/11/2015 19:06 66	3/11/2015 20:11 65
28/10/2015 19:51 65	30/10/2015 21:01 64	1/11/2015 10:06 66	1/11/2015 19:11 66	3/11/2015 20:16 66
28/10/2015 19:56 65	30/10/2015 21:06 65	1/11/2015 10:11 66	1/11/2015 19:16 66	3/11/2015 20:21 51
28/10/2015 20:01 65	30/10/2015 21:11 65	1/11/2015 10:16 66	1/11/2015 19:21 65	3/11/2015 20:26 66
28/10/2015 20:06 65	30/10/2015 21:16 65	1/11/2015 10:21 66	1/11/2015 19:26 66	3/11/2015 20:31 47
28/10/2015 20:11 65	30/10/2015 21:21 65	1/11/2015 10:26 55	1/11/2015 19:31 66	3/11/2015 20:36 66
28/10/2015 20:16 65	30/10/2015 21:26 65	1/11/2015 10:31 55	1/11/2015 19:36 65	3/11/2015 20:41 65
28/10/2015 20:21 66	30/10/2015 21:31 66	1/11/2015 10:36 66	1/11/2015 19:41 66	3/11/2015 20:46 65
28/10/2015 20:26 65	30/10/2015 21:36 65	1/11/2015 10:41 66	1/11/2015 19:46 65	3/11/2015 20:51 66
28/10/2015 20:31 65	30/10/2015 21:41 65	1/11/2015 10:46 66	1/11/2015 19:51 65	3/11/2015 20:56 65
28/10/2015 20:36 65	30/10/2015 21:46 64	1/11/2015 10:51 66	1/11/2015 19:56 66	3/11/2015 21:01 65
28/10/2015 20:41 65	30/10/2015 21:51 65	1/11/2015 10:56 66	1/11/2015 20:01 65	3/11/2015 21:06 65
28/10/2015 20:46 65	30/10/2015 21:56 65	1/11/2015 11:01 66	1/11/2015 20:06 65	3/11/2015 21:11 65
28/10/2015 20:51 65	30/10/2015 22:01 64	1/11/2015 11:06 55	1/11/2015 20:11 65	3/11/2015 21:16 65
28/10/2015 20:56 65	30/10/2015 22:06 64	1/11/2015 11:11 66	1/11/2015 20:16 65	3/11/2015 21:21 65
28/10/2015 21:01 64	30/10/2015 22:11 65	1/11/2015 11:16 67	1/11/2015 20:21 65	3/11/2015 21:26 65
28/10/2015 21:06 65	30/10/2015 22:16 65	1/11/2015 11:21 66	1/11/2015 20:26 66	3/11/2015 21:31 65
28/10/2015 21:11 64	30/10/2015 22:21 65	1/11/2015 11:26 66	1/11/2015 20:31 65	3/11/2015 21:36 65
28/10/2015 21:16 65	30/10/2015 22:26 64	1/11/2015 11:31 66	1/11/2015 20:36 65	3/11/2015 21:41 65
28/10/2015 21:21 65	30/10/2015 22:31 65	1/11/2015 11:36 66	1/11/2015 20:41 65	3/11/2015 21:46 65
28/10/2015 21:26 64	30/10/2015 22:36 64	1/11/2015 11:41 66	1/11/2015 20:46 65	3/11/2015 21:51 65
28/10/2015 21:31 65	30/10/2015 22:41 65	1/11/2015 11:46 48	1/11/2015 20:51 65	3/11/2015 21:56 65
28/10/2015 21:36 65	30/10/2015 22:46 65	1/11/2015 11:51 66	1/11/2015 20:56 65	3/11/2015 22:01 65
28/10/2015 21:41 64	30/10/2015 22:51 65	1/11/2015 11:56 57	1/11/2015 21:01 65	3/11/2015 22:06 65
28/10/2015 21:46 65	30/10/2015 22:56 65	1/11/2015 12:01 66	1/11/2015 21:06 65	3/11/2015 22:11 65
28/10/2015 21:51 65	31/10/2015 19:01 66	1/11/2015 12:06 66	1/11/2015 21:11 65	3/11/2015 22:16 65
28/10/2015 21:56 65	31/10/2015 19:06 61	1/11/2015 12:11 54	1/11/2015 21:16 65	3/11/2015 22:21 65
28/10/2015 22:01 65	31/10/2015 19:11 66	1/11/2015 12:16 43	1/11/2015 21:21 65	3/11/2015 22:26 65
28/10/2015 22:06 64	31/10/2015 19:16 65	1/11/2015 12:21 66	1/11/2015 21:26 65	3/11/2015 22:31 65
28/10/2015 22:11 65	31/10/2015 19:21 66	1/11/2015 12:26 47	1/11/2015 21:31 65	3/11/2015 22:36 65
28/10/2015 22:16 65	31/10/2015 19:26 66	1/11/2015 12:31 66	1/11/2015 21:36 65	3/11/2015 22:41 66
28/10/2015 22:21 64	31/10/2015 19:31 66	1/11/2015 12:36 66	1/11/2015 21:41 65	3/11/2015 22:46 65
28/10/2015 22:26 65	31/10/2015 19:36 66	1/11/2015 12:41 66	1/11/2015 21:46 65	3/11/2015 22:51 65
28/10/2015 22:31 65	31/10/2015 19:41 52	1/11/2015 12:46 59	1/11/2015 21:51 65	3/11/2015 22:56 65
28/10/2015 22:36 64	31/10/2015 19:46 66	1/11/2015 12:51 66	1/11/2015 21:56 65	4/11/2015 19:01 66
28/10/2015 22:41 65	31/10/2015 19:51 66	1/11/2015 12:56 66	1/11/2015 22:01 65	4/11/2015 19:06 66
28/10/2015 22:46 65	31/10/2015 19:56 66	1/11/2015 13:01 66	1/11/2015 22:06 65	4/11/2015 19:11 66
28/10/2015 22:51 64	31/10/2015 20:01 66	1/11/2015 13:06 49	1/11/2015 22:11 65	4/11/2015 19:16 66
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29/10/2015 22:11 65	1/11/2015 7:26 66	1/11/2015 16:31 66	2/11/2015 21:36 59	4/11/2015 22:41 65
29/10/2015 22:16 65	1/11/2015 7:31 65	1/11/2015 16:36 66	2/11/2015 21:41 65	4/11/2015 22:46 65
29/10/2015 22:21 65	1/11/2015 7:36 64	1/11/2015 16:41 66	2/11/2015 21:46 65	4/11/2015 22:51 65
29/10/2015 22:26 65	1/1			

Real-time Noise Data		RTN3 (Po Leung Kuk Yu Lee Mo Fan Memorial School)									
7/11/2015 21:06	65	8/11/2015 14:11	65	9/11/2015 19:16	66	11/11/2015 20:21	66	13/11/2015 21:26	53	15/11/2015 10:31	65
7/11/2015 21:11	65	8/11/2015 14:16	65	9/11/2015 19:21	66	11/11/2015 20:26	66	13/11/2015 21:31	43	15/11/2015 10:36	66
7/11/2015 21:16	66	8/11/2015 14:21	65	9/11/2015 19:26	66	11/11/2015 20:31	65	13/11/2015 21:36	56	15/11/2015 10:41	66
7/11/2015 21:21	65	8/11/2015 14:26	65	9/11/2015 19:31	66	11/11/2015 20:36	65	13/11/2015 21:41	52	15/11/2015 10:46	66
7/11/2015 21:26	65	8/11/2015 14:31	59	9/11/2015 19:36	66	11/11/2015 20:41	66	13/11/2015 21:46	66	15/11/2015 10:51	66
7/11/2015 21:31	65	8/11/2015 14:36	66	9/11/2015 19:41	66	11/11/2015 20:46	65	13/11/2015 21:51	66	15/11/2015 10:56	66
7/11/2015 21:36	65	8/11/2015 14:41	66	9/11/2015 19:46	66	11/11/2015 20:51	66	13/11/2015 21:56	66	15/11/2015 11:01	66
7/11/2015 21:41	65	8/11/2015 14:46	66	9/11/2015 19:51	66	11/11/2015 20:56	65	13/11/2015 22:01	55	15/11/2015 11:06	55
7/11/2015 21:46	65	8/11/2015 14:51	66	9/11/2015 19:56	66	11/11/2015 21:01	66	13/11/2015 22:06	66	15/11/2015 11:11	66
7/11/2015 21:51	65	8/11/2015 14:56	66	9/11/2015 20:01	66	11/11/2015 21:06	65	13/11/2015 22:11	57	15/11/2015 11:16	66
7/11/2015 21:56	65	8/11/2015 15:01	66	9/11/2015 20:06	65	11/11/2015 21:11	65	13/11/2015 22:16	45	15/11/2015 11:21	40
7/11/2015 22:01	65	8/11/2015 15:06	66	9/11/2015 20:11	65	11/11/2015 21:16	65	13/11/2015 22:21	66	15/11/2015 11:26	66
7/11/2015 22:06	65	8/11/2015 15:11	54	9/11/2015 20:16	65	11/11/2015 21:21	66	13/11/2015 22:26	66	15/11/2015 11:31	65
7/11/2015 22:11	65	8/11/2015 15:16	66	9/11/2015 20:21	65	11/11/2015 21:26	66	13/11/2015 22:31	66	15/11/2015 11:36	65
7/11/2015 22:16	65	8/11/2015 15:21	66	9/11/2015 20:26	66	11/11/2015 21:31	66	13/11/2015 22:36	66	15/11/2015 11:41	66
7/11/2015 22:21	65	8/11/2015 15:26	66	9/11/2015 20:31	65	11/11/2015 21:36	66	13/11/2015 22:41	66	15/11/2015 11:46	66
7/11/2015 22:26	65	8/11/2015 15:31	66	9/11/2015 20:36	65	11/11/2015 21:41	66	13/11/2015 22:46	66	15/11/2015 11:51	66
7/11/2015 22:31	65	8/11/2015 15:36	66	9/11/2015 20:41	65	11/11/2015 21:46	66	13/11/2015 22:51	66	15/11/2015 11:56	54
7/11/2015 22:36	64	8/11/2015 15:41	65	9/11/2015 20:46	45	11/11/2015 21:51	65	13/11/2015 22:56	66	15/11/2015 12:01	51
7/11/2015 22:41	65	8/11/2015 15:46	66	9/11/2015 20:51	65	11/11/2015 21:56	65	14/11/2015 19:01	66	15/11/2015 12:06	50
7/11/2015 22:46	65	8/11/2015 15:51	66	9/11/2015 20:56	66	11/11/2015 22:01	65	14/11/2015 19:06	66	15/11/2015 12:11	56
7/11/2015 22:51	65	8/11/2015 15:56	66	9/11/2015 21:01	65	11/11/2015 22:06	65	14/11/2015 19:11	66	15/11/2015 12:16	53
7/11/2015 22:56	66	8/11/2015 16:01	65	9/11/2015 21:06	65	11/11/2015 22:11	65	14/11/2015 19:16	66	15/11/2015 12:21	66
8/11/2015 7:01	63	8/11/2015 16:06	66	9/11/2015 21:11	65	11/11/2015 22:16	65	14/11/2015 19:21	66	15/11/2015 12:26	66
8/11/2015 7:06	63	8/11/2015 16:11	65	9/11/2015 21:16	65	11/11/2015 22:21	65	14/11/2015 19:26	66	15/11/2015 12:31	59
8/11/2015 7:11	63	8/11/2015 16:16	66	9/11/2015 21:21	65	11/11/2015 22:26	65	14/11/2015 19:31	66	15/11/2015 12:36	66
8/11/2015 7:16	63	8/11/2015 16:21	66	9/11/2015 21:26	65	11/11/2015 22:31	64	14/11/2015 19:36	66	15/11/2015 12:41	66
8/11/2015 7:21	64	8/11/2015 16:26	65	9/11/2015 21:31	65	11/11/2015 22:36	64	14/11/2015 19:41	66	15/11/2015 12:46	54
8/11/2015 7:26	63	8/11/2015 16:31	65	9/11/2015 21:36	65	11/11/2015 22:41	64	14/11/2015 19:46	66	15/11/2015 12:51	66
8/11/2015 7:31	64	8/11/2015 16:36	66	9/11/2015 21:41	65	11/11/2015 22:46	64	14/11/2015 19:51	64	15/11/2015 12:56	58
8/11/2015 7:36	63	8/11/2015 16:41	66	9/11/2015 21:46	65	11/11/2015 22:51	64	14/11/2015 19:56	65	15/11/2015 13:01	66
8/11/2015 7:41	64	8/11/2015 16:46	66	9/11/2015 21:51	65	11/11/2015 22:56	64	14/11/2015 20:01	65	15/11/2015 13:06	56
8/11/2015 7:46	65	8/11/2015 16:51	66	9/11/2015 21:56	65	12/11/2015 19:01	66	14/11/2015 20:06	65	15/11/2015 13:11	66
8/11/2015 7:51	65	8/11/2015 16:56	65	9/11/2015 22:01	65	12/11/2015 19:06	66	14/11/2015 20:11	66	15/11/2015 13:16	53
8/11/2015 7:56	65	8/11/2015 17:01	66	9/11/2015 22:06	65	12/11/2015 19:11	66	14/11/2015 20:16	65	15/11/2015 13:21	55
8/11/2015 8:01	65	8/11/2015 17:06	65	9/11/2015 22:11	65	12/11/2015 19:16	66	14/11/2015 20:21	61	15/11/2015 13:26	47
8/11/2015 8:06	64	8/11/2015 17:11	65	9/11/2015 22:16	65	12/11/2015 19:21	66	14/11/2015 20:26	65	15/11/2015 13:31	66
8/11/2015 8:11	65	8/11/2015 17:16	66	9/11/2015 22:21	65	12/11/2015 19:26	66	14/11/2015 20:31	64	15/11/2015 13:36	52
8/11/2015 8:16	65	8/11/2015 17:21	66	9/11/2015 22:26	65	12/11/2015 19:31	66	14/11/2015 20:36	65	15/11/2015 13:41	43
8/11/2015 8:21	65	8/11/2015 17:26	66	9/11/2015 22:31	66	12/11/2015 19:36	40	14/11/2015 20:41	65	15/11/2015 13:46	58
8/11/2015 8:26	66	8/11/2015 17:31	66	9/11/2015 22:36	64	12/11/2015 19:41	66	14/11/2015 20:46	65	15/11/2015 13:51	49
8/11/2015 8:31	65	8/11/2015 17:36	66	9/11/2015 22:41	65	12/11/2015 19:46	49	14/11/2015 20:51	65	15/11/2015 13:56	66
8/11/2015 8:36	65	8/11/2015 17:41	66	9/11/2015 22:46	65	12/11/2015 19:51	65	14/11/2015 20:56	65	15/11/2015 14:01	66
8/11/2015 8:41	65	8/11/2015 17:46	66	9/11/2015 22:51	64	12/11/2015 19:56	66	14/11/2015 21:01	65	15/11/2015 14:06	47
8/11/2015 8:46	66	8/11/2015 17:51	66	9/11/2015 22:56	64	12/11/2015 20:01	66	14/11/2015 21:06	65	15/11/2015 14:11	66
8/11/2015 8:51	65	8/11/2015 17:56	66	10/11/2015 19:01	64	12/11/2015 20:06	66	14/11/2015 21:11	66	15/11/2015 14:16	66
8/11/2015 8:56	65	8/11/2015 18:01	65	10/11/2015 19:06	65	12/11/2015 20:11	66	14/11/2015 21:16	65	15/11/2015 14:21	66
8/11/2015 9:01	65	8/11/2015 18:06	65	10/11/2015 19:11	66	12/11/2015 20:16	66	14/11/2015 21:21	65	15/11/2015 14:26	66
8/11/2015 9:06	65	8/11/2015 18:11	66	10/11/2015 19:16	65	12/11/2015 20:21	66	14/11/2015 21:26	65	15/11/2015 14:31	66
8/11/2015 9:11	65	8/11/2015 18:16	65	10/11/2015 19:21	65	12/11/2015 20:26	66	14/11/2015 21:31	65	15/11/2015 14:36	66
8/11/2015 9:16	66	8/11/2015 18:21	65	10/11/2015 19:26	65	12/11/2015 20:31	66	14/11/2015 21:36	65	15/11/2015 14:41	66
8/11/2015 9:21	66	8/11/2015 18:26	65	10/11/2015 19:31	65	12/11/2015 20:36	65	14/11/2015 21:41	65	15/11/2015 14:46	66
8/11/2015 9:26	66	8/11/2015 18:31	66	10/11/2015 19:36	65	12/11/2015 20:41	65	14/11/2015 21:46	65	15/11/2015 14:51	66
8/11/2015 9:31	66	8/11/2015 18:36	65	10/11/2015 19:41	65	12/11/2015 20:46	65	14/11/2015 21:51	65	15/11/2015 14:56	51
8/11/2015 9:36	65	8/11/2015 18:41	66	10/11/2015 19:46	65	12/11/2015 20:51	51	14/11/2015 21:56	65	15/11/2015 15:01	66
8/11/2015 9:41	66	8/11/2015 18:46	66	10/11/2015 19:51	65	12/11/2015 20:56	65	14/11/2015 22:01	65	15/11/2015 15:06	57
8/11/2015 9:46	66	8/11/2015 18:51	66	10/11/2015 19:56	65	12/11/2015 21:01	65	14/11/2015 22:06	65	15/11/2015 15:11	66
8/11/2015 9:51	66	8/11/2015 18:56	66	10/11/2015 20:01	61	12/11/2015 21:06	65	14/11/2015 22:11	65	15/11/2015 15:16	66
8/11/2015 9:56	66	8/11/2015 19:01	66	10/11/2015 20:06	65	12/11/2015 21:11	63	14/11/2015 22:16	65	15/11/2015 15:21	66
8/11/2015 10:01	66	8/11/2015 19:06	65	10/11/2015 20:11	65	12/11/2015 21:16	63	14/11/2015 22:21	65	15/11/2015 15:26	57
8/11/2015 10:06	71	8/11/2015 19:11	66	10/11/2015 20:16	65	12/11/2015 21:21	65	14/11/2015 22:26	65	15/11/2015 15:31	66
8/11/2015 10:11	57	8/11/2015 19:16	66	10/11/2015 20:21	66	12/11/2015 21:26	66	14/11/2015 22:31	66	15/11/2015 15:36	66
8/11/2015 10:16	66	8/11/2015 19:21	66	10/11/2015 20:26	65	12/11/2015 21:31	64	14/11/2015 22:36	65	15/11/2015 15:41	66
8/11/2015 10:21	66	8/11/2015 19:26	65	10/11/2015 20:31	66	12/11/2015 21:36	65	14/11/2015 22:41	65	15/11/2015 15:46	66
8/11/2015 10:26	66	8/11/2015 19:31	65	10/11/2015 20:36	65	12/11/2015 21:41	65	14/11/2015 22:46	59	15/11/2015 15:51	66
8/11/2015 10:31	66	8/11/2015 19:36	65	10/11/2015 20:41	64	12/11/2015 21:46	66	14/11/2015 22:51	65	15/11/2015 15:56	66
8/11/2015 10:36	66	8/11/2015 19:41	66	10/11/2015 20:46	64	12/11/2015 21:51	65	14/11/2015 22:56	65	15/11/2015 16:01	67
8/11/2015 10:41	66	8/11/2015 19:46	65	10/11/2015 20:51	64	12/11/2015 21:56	65	15/11/2015 7:01	69	15/11/2015 16:06	66
8/11/2015 10:46	66	8/11/2015 19:51	65	10/11/2015 20:56	65	12/11/2015 22:01	66	15/11/2015 7:06	63	15/11/2015 16:11	66
8/11/2015 10:51	52	8/11/2015 19:56	65	10/11/2015 21:01	65	12/11/2015 22:06	66	15/11/2015 7:11	63	15/11/2015 16:16	66
8/11/2015 10:56	66	8/11/2015 20:01	65	10/11/2015 21:06	65	12/11/2015 22:11	65	15/11/2015 7:16	64	15/11/2015 16:21	66
8/11/2015 11:01	66	8/11/2015 20:06	65	10/11/2015 21:11	65	12/11/2015 22:16	65	15/11/2015 7:21	64	15/11/2015 16:26	66
8/11/2015 11:06	56	8/11/2015 20:11	65	10/11/2015 2							

Real-time Noise Data	RTN3 (Po Leung Kuk Yu Lee Mo Fan Memorial School)					
25/11/2015 22:06 66		29/10/2015 0:51 63	30/10/2015 1:56 61	31/10/2015 3:01 62	1/11/2015 4:06 62	
25/11/2015 22:11 65	Night time: 23:00-07:00	29/10/2015 0:56 63	30/10/2015 2:01 61	31/10/2015 3:06 56	1/11/2015 4:11 62	
25/11/2015 22:16 66		29/10/2015 1:01 62	30/10/2015 2:06 61	31/10/2015 3:11 62	1/11/2015 4:16 62	
25/11/2015 22:21 66	28/10/2015 0:01 53	29/10/2015 1:06 61	30/10/2015 2:11 60	31/10/2015 3:16 62	1/11/2015 4:21 63	
25/11/2015 22:26 58	28/10/2015 0:06 59	29/10/2015 1:11 62	30/10/2015 2:16 60	31/10/2015 3:21 62	1/11/2015 4:26 62	
25/11/2015 22:31 66	28/10/2015 0:11 63	29/10/2015 1:16 62	30/10/2015 2:21 61	31/10/2015 3:26 61	1/11/2015 4:31 61	
25/11/2015 22:36 66	28/10/2015 0:16 45	29/10/2015 1:21 61	30/10/2015 2:26 60	31/10/2015 3:31 61	1/11/2015 4:36 61	
25/11/2015 22:41 66	28/10/2015 0:21 52	29/10/2015 1:26 58	30/10/2015 2:31 60	31/10/2015 3:36 62	1/11/2015 4:41 62	
25/11/2015 22:46 66	28/10/2015 0:26 44	29/10/2015 1:31 61	30/10/2015 2:36 61	31/10/2015 3:41 62	1/11/2015 4:46 62	
25/11/2015 22:51 66	28/10/2015 0:31 50	29/10/2015 1:36 62	30/10/2015 2:41 60	31/10/2015 3:46 61	1/11/2015 4:51 62	
25/11/2015 22:56 65	28/10/2015 0:36 52	29/10/2015 1:41 61	30/10/2015 2:46 59	31/10/2015 3:51 61	1/11/2015 4:56 61	
26/11/2015 19:01 66	28/10/2015 0:41 48	29/10/2015 1:46 62	30/10/2015 2:51 60	31/10/2015 3:56 61	1/11/2015 5:01 62	
26/11/2015 19:06 49	28/10/2015 0:46 63	29/10/2015 1:51 61	30/10/2015 2:56 60	31/10/2015 4:01 61	1/11/2015 5:06 62	
26/11/2015 19:11 66	28/10/2015 0:51 62	29/10/2015 1:56 61	30/10/2015 3:01 60	31/10/2015 4:06 61	1/11/2015 5:11 62	
26/11/2015 19:16 66	28/10/2015 0:56 62	29/10/2015 2:01 62	30/10/2015 3:06 59	31/10/2015 4:11 60	1/11/2015 5:16 62	
26/11/2015 19:21 52	28/10/2015 1:01 55	29/10/2015 2:06 60	30/10/2015 3:11 59	31/10/2015 4:16 61	1/11/2015 5:21 62	
26/11/2015 19:26 66	28/10/2015 1:06 62	29/10/2015 2:11 60	30/10/2015 3:16 60	31/10/2015 4:21 61	1/11/2015 5:26 62	
26/11/2015 19:31 53	28/10/2015 1:11 62	29/10/2015 2:16 60	30/10/2015 3:21 59	31/10/2015 4:26 61	1/11/2015 5:31 62	
26/11/2015 19:36 47	28/10/2015 1:16 61	29/10/2015 2:21 60	30/10/2015 3:26 60	31/10/2015 4:31 60	1/11/2015 5:36 62	
26/11/2015 19:41 55	28/10/2015 1:21 63	29/10/2015 2:26 61	30/10/2015 3:31 59	31/10/2015 4:36 61	1/11/2015 5:41 61	
26/11/2015 19:46 53	28/10/2015 1:26 62	29/10/2015 2:31 60	30/10/2015 3:36 60	31/10/2015 4:41 60	1/11/2015 5:46 61	
26/11/2015 19:51 66	28/10/2015 1:31 62	29/10/2015 2:36 59	30/10/2015 3:41 59	31/10/2015 4:46 60	1/11/2015 5:51 63	
26/11/2015 19:56 66	28/10/2015 1:36 61	29/10/2015 2:41 59	30/10/2015 3:46 59	31/10/2015 4:51 60	1/11/2015 5:56 62	
26/11/2015 20:01 66	28/10/2015 1:41 61	29/10/2015 2:46 58	30/10/2015 3:51 59	31/10/2015 4:56 60	1/11/2015 6:01 62	
26/11/2015 20:06 66	28/10/2015 1:46 61	29/10/2015 2:51 59	30/10/2015 3:56 59	31/10/2015 5:01 60	1/11/2015 6:06 62	
26/11/2015 20:11 66	28/10/2015 1:51 63	29/10/2015 2:56 60	30/10/2015 4:01 59	31/10/2015 5:06 61	1/11/2015 6:11 62	
26/11/2015 20:16 66	28/10/2015 1:56 60	29/10/2015 3:01 60	30/10/2015 4:06 59	31/10/2015 5:11 61	1/11/2015 6:16 63	
26/11/2015 20:21 66	28/10/2015 2:01 60	29/10/2015 3:06 58	30/10/2015 4:11 59	31/10/2015 5:16 61	1/11/2015 6:21 57	
26/11/2015 20:26 66	28/10/2015 2:06 62	29/10/2015 3:11 60	30/10/2015 4:16 59	31/10/2015 5:21 61	1/11/2015 6:26 54	
26/11/2015 20:31 66	28/10/2015 2:11 61	29/10/2015 3:16 59	30/10/2015 4:21 59	31/10/2015 5:26 62	1/11/2015 6:31 47	
26/11/2015 20:36 66	28/10/2015 2:16 60	29/10/2015 3:21 59	30/10/2015 4:26 59	31/10/2015 5:31 61	1/11/2015 6:36 50	
26/11/2015 20:41 66	28/10/2015 2:21 60	29/10/2015 3:26 59	30/10/2015 4:31 59	31/10/2015 5:36 60	1/11/2015 6:41 61	
26/11/2015 20:46 66	28/10/2015 2:26 60	29/10/2015 3:31 59	30/10/2015 4:36 59	31/10/2015 5:41 61	1/11/2015 6:46 55	
26/11/2015 20:51 66	28/10/2015 2:31 61	29/10/2015 3:36 59	30/10/2015 4:41 59	31/10/2015 5:46 61	1/11/2015 6:51 45	
26/11/2015 20:56 65	28/10/2015 2:36 59	29/10/2015 3:41 58	30/10/2015 4:46 59	31/10/2015 5:51 61	1/11/2015 6:56 45	
26/11/2015 21:01 66	28/10/2015 2:41 59	29/10/2015 3:46 59	30/10/2015 4:51 59	31/10/2015 5:56 61	1/11/2015 7:01 58	
26/11/2015 21:06 65	28/10/2015 2:46 59	29/10/2015 3:51 59	30/10/2015 4:56 62	31/10/2015 6:01 61	1/11/2015 7:06 59	
26/11/2015 21:11 65	28/10/2015 2:51 60	29/10/2015 3:56 59	30/10/2015 5:01 60	31/10/2015 6:06 61	1/11/2015 7:11 60	
26/11/2015 21:16 58	28/10/2015 2:56 61	29/10/2015 4:01 58	30/10/2015 5:06 60	31/10/2015 6:11 62	1/11/2015 7:16 60	
26/11/2015 21:21 65	28/10/2015 3:01 59	29/10/2015 4:06 57	30/10/2015 5:11 60	31/10/2015 6:16 63	1/11/2015 7:21 58	
26/11/2015 21:26 66	28/10/2015 3:06 60	29/10/2015 4:11 59	30/10/2015 5:16 59	31/10/2015 6:21 63	1/11/2015 7:26 60	
26/11/2015 21:31 66	28/10/2015 3:11 59	29/10/2015 4:16 58	30/10/2015 5:21 60	31/10/2015 6:26 63	1/11/2015 7:31 60	
26/11/2015 21:36 66	28/10/2015 3:16 58	29/10/2015 4:21 59	30/10/2015 5:26 60	31/10/2015 6:31 51	1/11/2015 7:36 58	
26/11/2015 21:41 66	28/10/2015 3:21 59	29/10/2015 4:26 58	30/10/2015 5:31 60	31/10/2015 6:36 60	1/11/2015 7:41 59	
26/11/2015 21:46 66	28/10/2015 3:26 58	29/10/2015 4:31 59	30/10/2015 5:36 60	31/10/2015 6:41 61	1/11/2015 7:46 55	
26/11/2015 21:51 66	28/10/2015 3:31 59	29/10/2015 4:36 58	30/10/2015 5:41 60	31/10/2015 6:46 52	1/11/2015 7:51 53	
26/11/2015 21:56 66	28/10/2015 3:36 58	29/10/2015 4:41 59	30/10/2015 5:46 61	31/10/2015 6:51 57	1/11/2015 7:56 61	
26/11/2015 22:01 66	28/10/2015 3:41 59	29/10/2015 4:46 59	30/10/2015 5:51 61	31/10/2015 6:56 58	1/11/2015 8:01 58	
26/11/2015 22:06 66	28/10/2015 3:46 58	29/10/2015 4:51 58	30/10/2015 5:56 61	31/10/2015 7:01 60	1/11/2015 8:06 50	
26/11/2015 22:11 66	28/10/2015 3:51 58	29/10/2015 4:56 60	30/10/2015 6:01 61	31/10/2015 7:06 58	1/11/2015 8:11 54	
26/11/2015 22:16 66	28/10/2015 3:56 59	29/10/2015 5:01 59	30/10/2015 6:06 62	31/10/2015 7:11 57	1/11/2015 8:16 56	
26/11/2015 22:21 66	28/10/2015 4:01 57	29/10/2015 5:06 58	30/10/2015 6:11 62	31/10/2015 7:16 61	1/11/2015 8:21 51	
26/11/2015 22:26 66	28/10/2015 4:06 59	29/10/2015 5:11 59	30/10/2015 6:16 63	31/10/2015 7:21 59	1/11/2015 8:26 46	
26/11/2015 22:31 66	28/10/2015 4:11 58	29/10/2015 5:16 60	30/10/2015 6:21 53	31/10/2015 7:26 64	1/11/2015 8:31 63	
26/11/2015 22:36 66	28/10/2015 4:16 58	29/10/2015 5:21 60	30/10/2015 6:26 50	31/10/2015 7:31 60	1/11/2015 8:36 62	
26/11/2015 22:41 66	28/10/2015 4:21 59	29/10/2015 5:26 60	30/10/2015 6:31 58	31/10/2015 7:36 58	1/11/2015 8:41 62	
26/11/2015 22:46 66	28/10/2015 4:26 59	29/10/2015 5:31 60	30/10/2015 6:36 58	31/10/2015 7:41 60	1/11/2015 8:46 62	
26/11/2015 22:51 66	28/10/2015 4:31 59	29/10/2015 5:36 61	30/10/2015 6:41 60	31/10/2015 7:46 62	1/11/2015 8:51 62	
26/11/2015 22:56 66	28/10/2015 4:36 60	29/10/2015 5:41 61	30/10/2015 6:46 60	31/10/2015 7:51 58	1/11/2015 8:56 63	
27/11/2015 19:01 62	28/10/2015 4:41 59	29/10/2015 5:46 61	30/10/2015 6:51 60	31/10/2015 7:56 60	1/11/2015 9:01 63	
27/11/2015 19:06 63	28/10/2015 4:46 58	29/10/2015 5:51 62	30/10/2015 6:56 61	1/11/2015 8:01 57	1/11/2015 9:06 61	
27/11/2015 19:11 63	28/10/2015 4:51 59	29/10/2015 5:56 60	30/10/2015 7:01 60	1/11/2015 8:06 58	1/11/2015 9:11 61	
27/11/2015 19:16 63	28/10/2015 4:56 59	29/10/2015 6:01 61	30/10/2015 7:06 59	1/11/2015 8:11 60	1/11/2015 9:16 60	
27/11/2015 19:21 63	28/10/2015 5:01 59	29/10/2015 6:06 61	30/10/2015 7:11 63	1/11/2015 8:16 59	1/11/2015 9:21 61	
27/11/2015 19:26 63	28/10/2015 5:06 59	29/10/2015 6:11 62	30/10/2015 7:16 59	1/11/2015 8:21 57	1/11/2015 9:26 61	
27/11/2015 19:31 64	28/10/2015 5:11 58	29/10/2015 6:16 62	30/10/2015 7:21 59	1/11/2015 8:26 62	1/11/2015 9:31 61	
27/11/2015 19:36 64	28/10/2015 5:16 59	29/10/2015 6:21 45	30/10/2015 7:26 61	1/11/2015 8:31 51	1/11/2015 9:36 61	
27/11/2015 19:41 64	28/10/2015 5:21 61	29/10/2015 6:26 63	30/10/2015 7:31 58	1/11/2015 8:36 48	1/11/2015 9:41 60	
27/11/2015 19:46 66	28/10/2015 5:26 60	29/10/2015 6:31 56	30/10/2015 7:36 58	1/11/2015 8:41 53	1/11/2015 9:46 61	
27/11/2015 19:51 66	28/10/2015 5:31 59	29/10/2015 6:36 60	30/10/2015 7:41 58	1/11/2015 8:46 56	1/11/2015 9:51 60	
27/11/2015 19:56 66	28/10/2015 5:36 60	29/10/2015 6:41 59	30/10/2015 7:46 56	1/11/2015 8:51 63	1/11/2015 9:56 60	
27/11/2015 20:01 66	28/10/2015 5:41 60	29/10/2015 6:46 62	30/10/2015 7:51 58	1/11/2015 8:56 54	1/11/2015 2:01 60	
27/11/2015 20:06 66	28/10/2015 5:46 60	29/10/2015 6:51 61	30/10/2015 7:56 55	1/11/2015 9:01 60	1/11/2015 2:06 60	
27/11/2015 20:11 66	28/10/2015 5:51 60	29/10/2015 6:56 60	31/10/2015 8:01 57	1/11/2015 9:06 56	1/11/2015 2:11 59	
27/11/2015 20:16 66	28/10/2015 5:56 61	29/10/2015 7:01 59	31/10/2015 8:06 56	1/11/2015 9:11 57	1/11/2015 2:16 59	
27/11/2015 20:21 64	28/10/2015 6:01 61	29/10/2015 7:06 60	31/10/2015 8:11 58	1/11/2015 9:16 63	1/11/2015 2:21 59	
27/11/2015 20:26 66	28/10/2015 6:06 62	29/10/2015 7:11 59	31/10/2015 8:16 58	1/11/2015 9:21 63	1/11/2015 2:26 59	
27/11/2015 20:31 67	28/10/2015 6:11 62	29/10/2015 7:16 58	31/10/2015 8:21 56	1/11/2015 9:26 42	1/11/2015 2:31 60	
27/11/2015 20:36 66	28/10/2015 6:16 46	29/10/2015 7:21 59	31/10/2015 8:26 51	1/11/2015 9:31 63	1/11/2015 2:36 57	
27/11/2015						

Real-time Noise Data		RTN3 (Po Leung Kuk Yu Lee Mo Fan Memorial School)									
2/11/2015 5:11	59	3/11/2015 6:16	62	4/11/2015 23:21	61	6/11/2015 0:26	63	7/11/2015 1:31	62	8/11/2015 2:36	61
2/11/2015 5:16	59	3/11/2015 6:21	49	4/11/2015 23:26	57	6/11/2015 0:31	54	7/11/2015 1:36	63	8/11/2015 2:41	62
2/11/2015 5:21	61	3/11/2015 6:26	50	4/11/2015 23:31	59	6/11/2015 0:36	63	7/11/2015 1:41	63	8/11/2015 2:46	61
2/11/2015 5:26	61	3/11/2015 6:31	58	4/11/2015 23:36	60	6/11/2015 0:41	63	7/11/2015 1:46	62	8/11/2015 2:51	62
2/11/2015 5:31	61	3/11/2015 6:36	60	4/11/2015 23:41	59	6/11/2015 0:46	52	7/11/2015 1:51	63	8/11/2015 2:56	61
2/11/2015 5:36	62	3/11/2015 6:41	60	4/11/2015 23:46	56	6/11/2015 0:51	63	7/11/2015 1:56	63	8/11/2015 3:01	61
2/11/2015 5:41	61	3/11/2015 6:46	70	4/11/2015 23:51	58	6/11/2015 0:56	62	7/11/2015 2:01	62	8/11/2015 3:06	61
2/11/2015 5:46	61	3/11/2015 6:51	73	4/11/2015 23:56	56	6/11/2015 1:01	40	7/11/2015 2:06	63	8/11/2015 3:11	61
2/11/2015 5:51	61	3/11/2015 6:56	64	5/11/2015 0:01	56	6/11/2015 1:06	62	7/11/2015 2:11	63	8/11/2015 3:16	61
2/11/2015 5:56	62	3/11/2015 23:01	61	5/11/2015 0:06	52	6/11/2015 1:11	62	7/11/2015 2:16	63	8/11/2015 3:21	61
2/11/2015 6:01	61	3/11/2015 23:06	62	5/11/2015 0:11	63	6/11/2015 1:16	62	7/11/2015 2:21	63	8/11/2015 3:26	61
2/11/2015 6:06	62	3/11/2015 23:11	60	5/11/2015 0:16	48	6/11/2015 1:21	63	7/11/2015 2:26	63	8/11/2015 3:31	60
2/11/2015 6:11	62	3/11/2015 23:16	57	5/11/2015 0:21	40	6/11/2015 1:26	61	7/11/2015 2:31	62	8/11/2015 3:36	62
2/11/2015 6:16	63	3/11/2015 23:21	58	5/11/2015 0:26	63	6/11/2015 1:31	61	7/11/2015 2:36	62	8/11/2015 3:41	60
2/11/2015 6:21	53	3/11/2015 23:26	60	5/11/2015 0:31	40	6/11/2015 1:36	61	7/11/2015 2:41	62	8/11/2015 3:46	60
2/11/2015 6:26	60	3/11/2015 23:31	58	5/11/2015 0:36	63	6/11/2015 1:41	62	7/11/2015 2:46	62	8/11/2015 3:51	62
2/11/2015 6:31	59	3/11/2015 23:36	57	5/11/2015 0:41	63	6/11/2015 1:46	63	7/11/2015 2:51	62	8/11/2015 3:56	60
2/11/2015 6:36	61	3/11/2015 23:41	56	5/11/2015 0:46	62	6/11/2015 1:51	61	7/11/2015 2:56	61	8/11/2015 4:01	61
2/11/2015 6:41	62	3/11/2015 23:46	56	5/11/2015 0:51	63	6/11/2015 1:56	61	7/11/2015 3:01	62	8/11/2015 4:06	61
2/11/2015 6:46	61	3/11/2015 23:51	58	5/11/2015 0:56	62	6/11/2015 2:01	60	7/11/2015 3:06	62	8/11/2015 4:11	60
2/11/2015 6:51	62	3/11/2015 23:56	56	5/11/2015 1:01	62	6/11/2015 2:06	61	7/11/2015 3:11	61	8/11/2015 4:16	60
2/11/2015 6:56	62	4/11/2015 0:01	55	5/11/2015 1:06	62	6/11/2015 2:11	62	7/11/2015 3:16	61	8/11/2015 4:21	60
2/11/2015 23:01	61	4/11/2015 0:06	54	5/11/2015 1:11	61	6/11/2015 2:16	60	7/11/2015 3:21	61	8/11/2015 4:26	61
2/11/2015 23:06	58	4/11/2015 0:11	61	5/11/2015 1:16	62	6/11/2015 2:21	60	7/11/2015 3:26	61	8/11/2015 4:31	61
2/11/2015 23:11	59	4/11/2015 0:16	63	5/11/2015 1:21	62	6/11/2015 2:26	60	7/11/2015 3:31	61	8/11/2015 4:36	61
2/11/2015 23:16	61	4/11/2015 0:21	61	5/11/2015 1:26	61	6/11/2015 2:31	60	7/11/2015 3:36	61	8/11/2015 4:41	61
2/11/2015 23:21	62	4/11/2015 0:26	63	5/11/2015 1:31	62	6/11/2015 2:36	60	7/11/2015 3:41	62	8/11/2015 4:46	61
2/11/2015 23:26	58	4/11/2015 0:31	63	5/11/2015 1:36	61	6/11/2015 2:41	59	7/11/2015 3:46	61	8/11/2015 4:51	60
2/11/2015 23:31	60	4/11/2015 0:36	63	5/11/2015 1:41	61	6/11/2015 2:46	60	7/11/2015 3:51	61	8/11/2015 4:56	60
2/11/2015 23:36	58	4/11/2015 0:41	45	5/11/2015 1:46	61	6/11/2015 2:51	60	7/11/2015 3:56	60	8/11/2015 5:01	60
2/11/2015 23:41	52	4/11/2015 0:46	62	5/11/2015 1:51	61	6/11/2015 2:56	61	7/11/2015 4:01	60	8/11/2015 5:06	61
2/11/2015 23:46	54	4/11/2015 0:51	63	5/11/2015 1:56	61	6/11/2015 3:01	59	7/11/2015 4:06	60	8/11/2015 5:11	60
2/11/2015 23:51	63	4/11/2015 0:56	62	5/11/2015 2:01	61	6/11/2015 3:06	60	7/11/2015 4:11	61	8/11/2015 5:16	60
2/11/2015 23:56	56	4/11/2015 1:01	62	5/11/2015 2:06	60	6/11/2015 3:11	59	7/11/2015 4:16	62	8/11/2015 5:21	60
3/11/2015 0:01	57	4/11/2015 1:06	62	5/11/2015 2:11	60	6/11/2015 3:16	60	7/11/2015 4:21	61	8/11/2015 5:26	60
3/11/2015 0:06	59	4/11/2015 1:11	62	5/11/2015 2:16	59	6/11/2015 3:21	58	7/11/2015 4:26	60	8/11/2015 5:31	60
3/11/2015 0:11	63	4/11/2015 1:16	61	5/11/2015 2:21	60	6/11/2015 3:26	60	7/11/2015 4:31	61	8/11/2015 5:36	61
3/11/2015 0:16	63	4/11/2015 1:21	61	5/11/2015 2:26	60	6/11/2015 3:31	58	7/11/2015 4:36	60	8/11/2015 5:41	60
3/11/2015 0:21	63	4/11/2015 1:26	61	5/11/2015 2:31	61	6/11/2015 3:36	59	7/11/2015 4:41	60	8/11/2015 5:46	61
3/11/2015 0:26	63	4/11/2015 1:31	61	5/11/2015 2:36	60	6/11/2015 3:41	60	7/11/2015 4:46	59	8/11/2015 5:51	60
3/11/2015 0:31	56	4/11/2015 1:36	60	5/11/2015 2:41	60	6/11/2015 3:46	60	7/11/2015 4:51	60	8/11/2015 5:56	60
3/11/2015 0:36	58	4/11/2015 1:41	61	5/11/2015 2:46	60	6/11/2015 3:51	58	7/11/2015 4:56	60	8/11/2015 6:01	61
3/11/2015 0:41	62	4/11/2015 1:46	62	5/11/2015 2:51	59	6/11/2015 3:56	59	7/11/2015 5:01	59	8/11/2015 6:06	61
3/11/2015 0:46	62	4/11/2015 1:51	61	5/11/2015 2:56	59	6/11/2015 4:01	59	7/11/2015 5:06	61	8/11/2015 6:11	62
3/11/2015 0:51	62	4/11/2015 1:56	61	5/11/2015 3:01	58	6/11/2015 4:06	58	7/11/2015 5:11	61	8/11/2015 6:16	62
3/11/2015 0:56	63	4/11/2015 2:01	60	5/11/2015 3:06	60	6/11/2015 4:11	59	7/11/2015 5:16	60	8/11/2015 6:21	62
3/11/2015 1:01	61	4/11/2015 2:06	61	5/11/2015 3:11	59	6/11/2015 4:16	58	7/11/2015 5:21	61	8/11/2015 6:26	63
3/11/2015 1:06	62	4/11/2015 2:11	60	5/11/2015 3:16	58	6/11/2015 4:21	60	7/11/2015 5:26	60	8/11/2015 6:31	50
3/11/2015 1:11	61	4/11/2015 2:16	60	5/11/2015 3:21	59	6/11/2015 4:26	60	7/11/2015 5:31	60	8/11/2015 6:36	63
3/11/2015 1:16	61	4/11/2015 2:21	60	5/11/2015 3:26	58	6/11/2015 4:31	59	7/11/2015 5:36	61	8/11/2015 6:41	50
3/11/2015 1:21	62	4/11/2015 2:26	60	5/11/2015 3:31	58	6/11/2015 4:36	59	7/11/2015 5:41	61	8/11/2015 6:46	54
3/11/2015 1:26	61	4/11/2015 2:31	59	5/11/2015 3:36	59	6/11/2015 4:41	60	7/11/2015 5:46	61	8/11/2015 6:51	58
3/11/2015 1:31	61	4/11/2015 2:36	59	5/11/2015 3:41	59	6/11/2015 4:46	59	7/11/2015 5:51	61	8/11/2015 6:56	55
3/11/2015 1:36	62	4/11/2015 2:41	59	5/11/2015 3:46	60	6/11/2015 4:51	59	7/11/2015 5:56	61	8/11/2015 23:01	60
3/11/2015 1:41	61	4/11/2015 2:46	58	5/11/2015 3:51	60	6/11/2015 4:56	60	7/11/2015 6:01	61	8/11/2015 23:06	57
3/11/2015 1:46	61	4/11/2015 2:51	60	5/11/2015 3:56	58	6/11/2015 5:01	59	7/11/2015 6:06	62	8/11/2015 23:11	56
3/11/2015 1:51	60	4/11/2015 2:56	59	5/11/2015 4:01	58	6/11/2015 5:06	59	7/11/2015 6:11	62	8/11/2015 23:16	59
3/11/2015 1:56	60	4/11/2015 3:01	60	5/11/2015 4:06	60	6/11/2015 5:11	60	7/11/2015 6:16	62	8/11/2015 23:21	59
3/11/2015 2:01	60	4/11/2015 3:06	59	5/11/2015 4:11	58	6/11/2015 5:16	59	7/11/2015 6:21	62	8/11/2015 23:26	59
3/11/2015 2:06	62	4/11/2015 3:11	60	5/11/2015 4:16	58	6/11/2015 5:21	60	7/11/2015 6:26	63	8/11/2015 23:31	58
3/11/2015 2:11	60	4/11/2015 3:16	59	5/11/2015 4:21	60	6/11/2015 5:26	61	7/11/2015 6:31	51	8/11/2015 23:36	52
3/11/2015 2:16	60	4/11/2015 3:21	59	5/11/2015 4:26	59	6/11/2015 5:31	60	7/11/2015 6:36	72	8/11/2015 23:41	55
3/11/2015 2:21	60	4/11/2015 3:26	58	5/11/2015 4:31	59	6/11/2015 5:36	61	7/11/2015 6:41	59	8/11/2015 23:46	56
3/11/2015 2:26	60	4/11/2015 3:31	58	5/11/2015 4:36	60	6/11/2015 5:41	61	7/11/2015 6:46	58	8/11/2015 23:51	54
3/11/2015 2:31	60	4/11/2015 3:36	59	5/11/2015 4:41	60	6/11/2015 5:46	60	7/11/2015 6:51	61	8/11/2015 23:56	52
3/11/2015 2:36	60	4/11/2015 3:41	58	5/11/2015 4:46	59	6/11/2015 5:51	62	7/11/2015 6:56	61	9/11/2015 0:01	40
3/11/2015 2:41	59	4/11/2015 3:46	59	5/11/2015 4:51	60	6/11/2015 5:56	61	7/11/2015 23:01	60	9/11/2015 0:06	63
3/11/2015 2:46	59	4/11/2015 3:51	59	5/11/2015 4:56	59	6/11/2015 6:01	60	7/11/2015 23:06	61	9/11/2015 0:11	51
3/11/2015 2:51	60	4/11/2015 3:56	59	5/11/2015 5:01	61	6/11/2015 6:06	63	7/11/2015 23:11	60	9/11/2015 0:16	63
3/11/2015 2:56	59	4/11/2015 4:01	58	5/11/2015 5:06	58	6/11/2015 6:11	62	7/11/2015 23:16	60	9/11/2015 0:21	63
3/11/2015 3:01	59	4/11/2015 4:06	59	5/11/2015 5:11	60	6/11/2015 6:16	63	7/11/2015 23:21	59	9/11/2015 0:26	62
3/11/2015 3:06	58	4/11/2015 4:11	58	5/11/2015 5:16	59	6/11/2015 6:21	46	7/11/2015 23:26	58	9/11/2015 0:31	63
3/11/2015 3:11	59	4/11/2015 4:16	59	5/11/2015 5:21	59	6/11/2015 6:26	56	7/11/2015 23:31	60	9/11/2015 0:36	62
3/11/2015 3:16	58	4/11/2015 4:21	61	5/11/2015 5:26	60	6/11/2015 6:31	55	7/11/2015 23:36	60	9/11/2015 0:41	62
3/11/2015 3:21	58	4/11/2015 4:26	59	5/11/2015 5:31	61	6/11/2015 6:36	59	7/11/2015 23:41	59	9/11/2015 0:46	62
3/11/2015 3:26	59	4/11/2015 4:31	59	5/11/2015 5:36	60	6/11/2015 6:41	60	7/11/2015 23:46	61	9/11/2015 0:51	61
3/											

Real-time Noise Data		RTN3 (Po Leung Kuk Yu Lee Mo Fan Memorial School)									
9/11/2015 3:41	58	10/11/2015 4:46	58	11/11/2015 5:51	63	12/11/2015 6:56	63	14/11/2015 0:01	62	15/11/2015 1:06	57
9/11/2015 3:46	57	10/11/2015 4:51	59	11/11/2015 5:56	62	12/11/2015 23:01	59	14/11/2015 0:06	62	15/11/2015 1:11	57
9/11/2015 3:51	58	10/11/2015 4:56	59	11/11/2015 6:01	62	12/11/2015 23:06	60	14/11/2015 0:11	61	15/11/2015 1:16	50
9/11/2015 3:56	57	10/11/2015 5:01	60	11/11/2015 6:06	62	12/11/2015 23:11	60	14/11/2015 0:16	61	15/11/2015 1:21	52
9/11/2015 4:01	59	10/11/2015 5:06	61	11/11/2015 6:11	63	12/11/2015 23:16	56	14/11/2015 0:21	61	15/11/2015 1:26	54
9/11/2015 4:06	58	10/11/2015 5:11	60	11/11/2015 6:16	62	12/11/2015 23:21	58	14/11/2015 0:26	60	15/11/2015 1:31	63
9/11/2015 4:11	58	10/11/2015 5:16	59	11/11/2015 6:21	53	12/11/2015 23:26	60	14/11/2015 0:31	62	15/11/2015 1:36	63
9/11/2015 4:16	58	10/11/2015 5:21	60	11/11/2015 6:26	57	12/11/2015 23:31	59	14/11/2015 0:36	58	15/11/2015 1:41	53
9/11/2015 4:21	59	10/11/2015 5:26	59	11/11/2015 6:31	57	12/11/2015 23:36	58	14/11/2015 0:41	59	15/11/2015 1:46	56
9/11/2015 4:26	58	10/11/2015 5:31	61	11/11/2015 6:36	59	12/11/2015 23:41	59	14/11/2015 0:46	59	15/11/2015 1:51	46
9/11/2015 4:31	58	10/11/2015 5:36	61	11/11/2015 6:41	61	12/11/2015 23:46	58	14/11/2015 0:51	59	15/11/2015 1:56	62
9/11/2015 4:36	59	10/11/2015 5:41	61	11/11/2015 6:46	63	12/11/2015 23:51	58	14/11/2015 0:56	54	15/11/2015 2:01	63
9/11/2015 4:41	58	10/11/2015 5:46	61	11/11/2015 6:51	64	12/11/2015 23:56	60	14/11/2015 1:01	58	15/11/2015 2:06	62
9/11/2015 4:46	58	10/11/2015 5:51	62	11/11/2015 6:56	64	13/11/2015 0:01	57	14/11/2015 1:06	57	15/11/2015 2:11	62
9/11/2015 4:51	59	10/11/2015 5:56	61	11/11/2015 23:01	55	13/11/2015 0:06	59	14/11/2015 1:11	58	15/11/2015 2:16	62
9/11/2015 4:56	58	10/11/2015 6:01	61	11/11/2015 23:06	57	13/11/2015 0:11	59	14/11/2015 1:16	58	15/11/2015 2:21	63
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9/11/2015 6:06	62	10/11/2015 23:11	57	12/11/2015 0:16	49	13/11/2015 1:21	62	14/11/2015 2:26	63	15/11/2015 3:31	61
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9/11/2015 23:36	55	11/11/2015 0:41	63	12/11/2015 1:46	61	13/11/2015 2:51	62	14/11/2015 3:56	61	15/11/2015 5:01	61
9/11/2015 23:41	55	11/11/2015 0:46	62	12/11/2015 1:51	61	13/11/2015 2:56	63	14/11/2015 4:01	61	15/11/2015 5:06	61
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10/11/2015 0:41	40	11/11/2015 1:46	60	12/11/2015 2:51	60	13/11/2015 3:56	63	14/11/2015 5:01	61	15/11/2015 6:06	62
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10/11/2015 1:01	61	11/11/2015 2:06	61	12/11/2015 3:11	60	13/11/2015 4:16	48	14/11/2015 5:21	63	15/11/2015 6:26	62
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10/11/2015 1:21	61	11/11/2015 2:26	60	12/11/2015 3:31	59	13/11/2015 4:36	61	14/11/2015 5:41	62	15/11/2015 6:46	46
10/11/2015 1:26	61	11/11/2015 2:31	60	12/11/2015 3:36	59	13/11/2015 4:41	60	14/11/2015 5:46	62	15/11/2015 6:51	59
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10/11/2015 1:41	62	11/11/2015 2:46	60	12/11/2015 3:51	59	13/11/2015 4:56	61	14/11/2015 6:01	61	15/11/2015 23:06	59
10/11/2015 1:46	61	11/11/2015 2:51	61	12/11/2015 3:56	59	13/11/2015 5:01	60				

Real-time Noise Data	RTN3 (Po Leung Kuk Yu Lee Mo Fan Memorial School)				
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16/11/2015 2:16 62	17/11/2015 3:21 59	18/11/2015 4:26 59	19/11/2015 5:31 60	20/11/2015 6:36 58	21/11/2015 23:41 59
16/11/2015 2:21 61	17/11/2015 3:26 60	18/11/2015 4:31 58	19/11/2015 5:36 61	20/11/2015 6:41 60	21/11/2015 23:46 59
16/11/2015 2:26 61	17/11/2015 3:31 59	18/11/2015 4:36 58	19/11/2015 5:41 62	20/11/2015 6:46 62	21/11/2015 23:51 59
16/11/2015 2:31 61	17/11/2015 3:36 61	18/11/2015 4:41 57	19/11/2015 5:46 61	20/11/2015 6:51 63	21/11/2015 23:56 58
16/11/2015 2:36 61	17/11/2015 3:41 59	18/11/2015 4:46 59	19/11/2015 5:51 61	20/11/2015 6:56 62	22/11/2015 0:01 58
16/11/2015 2:41 61	17/11/2015 3:46 61	18/11/2015 4:51 60	19/11/2015 5:56 62	20/11/2015 7:01 61	22/11/2015 0:06 59
16/11/2015 2:46 61	17/11/2015 3:51 59	18/11/2015 4:56 59	19/11/2015 6:01 62	20/11/2015 7:06 61	22/11/2015 0:11 56
16/11/2015 2:51 59	17/11/2015 3:56 59	18/11/2015 5:01 60	19/11/2015 6:06 63	20/11/2015 7:11 61	22/11/2015 0:16 57
16/11/2015 2:56 60	17/11/2015 4:01 60	18/11/2015 5:06 61	19/11/2015 6:11 63	20/11/2015 7:16 61	22/11/2015 0:21 54
16/11/2015 3:01 59	17/11/2015 4:06 60	18/11/2015 5:11 63	19/11/2015 6:16 63	20/11/2015 7:21 60	22/11/2015 0:26 49
16/11/2015 3:06 58	17/11/2015 4:11 59	18/11/2015 5:16 59	19/11/2015 6:21 55	20/11/2015 7:26 61	22/11/2015 0:31 58
16/11/2015 3:11 59	17/11/2015 4:16 60	18/11/2015 5:21 60	19/11/2015 6:26 54	20/11/2015 7:31 60	22/11/2015 0:36 56
16/11/2015 3:16 59	17/11/2015 4:21 60	18/11/2015 5:26 60	19/11/2015 6:31 58	20/11/2015 7:36 61	22/11/2015 0:41 59
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16/11/2015 3:31 59	17/11/2015 4:36 58	18/11/2015 5:41 62	19/11/2015 6:46 63	20/11/2015 7:51 60	22/11/2015 0:56 54
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16/11/2015 4:31 60	17/11/2015 5:36 61	18/11/2015 6:41 61	19/11/2015 7:46 58	20/11/2015 8:51 58	22/11/2015 1:56 62
16/11/2015 4:36 59	17/11/2015 5:41 61	18/11/2015 6:46 62	19/11/2015 7:51 58	20/11/2015 8:56 59	22/11/2015 2:01 62
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16/11/2015 5:01 59	17/11/2015 6:06 62	18/11/2015 7:11 61	20/11/2015 0:16 55	21/11/2015 1:21 52	22/11/2015 2:26 61
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16/11/2015 5:11 60	17/11/2015 6:16 50	18/11/2015 7:21 63	20/11/2015 0:26 61	21/11/2015 1:31 63	22/11/2015 2:36 62
16/11/2015 5:16 60	17/11/2015 6:21 59	18/11/2015 7:26 60	20/11/2015 0:31 44	21/11/2015 1:36 62	22/11/2015 2:41 61
16/11/2015 5:21 61	17/11/2015 6:26 57	18/11/2015 7:31 60	20/11/2015 0:36 63	21/11/2015 1:41 49	22/11/2015 2:46 62
16/11/2015 5:26 60	17/11/2015 6:31 58	18/11/2015 7:36 61	20/11/2015 0:41 51	21/11/2015 1:46 63	22/11/2015 2:51 62
16/11/2015 5:31 61	17/11/2015 6:36 60	18/11/2015 7:41 60	20/11/2015 0:46 63	21/11/2015 1:51 44	22/11/2015 2:56 62
16/11/2015 5:36 62	17/11/2015 6:41 62	18/11/2015 7:46 59	20/11/2015 0:51 63	21/11/2015 1:56 63	22/11/2015 3:01 61
16/11/2015 5:41 62	17/11/2015 6:46 62	18/11/2015 7:51 60	20/11/2015 0:56 56	21/11/2015 2:01 43	22/11/2015 3:06 61
16/11/2015 5:46 61	17/11/2015 6:51 62	18/11/2015 7:56 55	20/11/2015 1:01 62	21/11/2015 2:06 62	22/11/2015 3:11 62
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16/11/2015 6:01 61	17/11/2015 7:06 61	19/11/2015 0:11 58	20/11/2015 1:16 62	21/11/2015 2:21 62	22/11/2015 3:26 61
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16/11/2015 7:36 57	18/11/2015 0:41 55	19/11/2015 1:46 61	20/11/2015 2:51 60	21/11/2015 3:56 60	22/11/2015 5:01 60
16/11/2015 7:41 58	18/11/2015 0:46 62	19/11/2015 1:51 61	20/11/2015 2:56 60	21/11/2015 4:01 60	22/11/2015 5:06 61
16/11/2015 7:46 61	18/11/2015 0:51 63	19/11/2015 1:56 61	20/11/2015 3:01 61	21/11/2015 4:06 60	22/11/2015 5:11 60
16/11/2015 7:51 59	18/11/2015 0:56 63	19/11/2015 2:01 61	20/11/2015 3:06 59	21/11/2015 4:11 61	22/11/2015 5:16 60
16/11/2015 7:56 57	18/11/2015 1:01 63	19/11/2015 2:06 60	20/11/2015 3:11 59	21/11/2015 4:16 61	22/11/2015 5:21 61
17/11/2015 0:01 58	18/11/2015 1:06 63	19/11/2015 2:11 61	20/11/2015 3:16 60	21/11/2015 4:21 62	22/11/2015 5:26 60
17/11/2015 0:06 57	18/11/2015 1:11 63	19/11/2015 2:16 61	20/11/2015 3:21 59	21/11/2015 4:26 62	22/11/2015 5:31 60
17/11/2015 0:11 55	18/11/2015 1:16 62	19/11/2015 2:21 60	20/11/2015 3:26 60	21/11/2015 4:31 61	22/11/2015 5:36 61
17/11/2015 0:16 55	18/11/2015 1:21 62	19/11/2015 2:26 60	20/11/2015 3:31 59	21/11/2015 4:36 61	22/11/2015 5:41 61
17/11/2015 0:21 48	18/11/2015 1:26 62	19/11/2015 2:31 60	20/11/2015 3:36 60	21/11/2015 4:41 60	22/11/2015 5:46 61
17/11/2015 0:26 51	18/11/2015 1:31 61	19/11/2015 2:36 60	20/11/2015 3:41 59	21/11/2015 4:46 61	22/11/2015 5:51 61
17/11/2015 0:31 54	18/11/2015 1:36 61	19/11/2015 2:41 60	20/11/2015 3:46 58	21/11/2015 4:51 61	22/11/2015 5:56 61
17/11/2015 0:36 63	18/11/2015 1:41 61	19/11/2015 2:46 60	20/11/2015 3:51 59	21/11/2015 4:56 60	22/11/2015 6:01 61
17/11/2015 0:41 56	18/11/2015 1:46 61	19/11/2015 2:51 61	20/11/2015 3:56 59	21/11/2015 5:01 61	22/11/2015 6:06 62
17/11/2015 0:46 63	18/11/2015 1:51 62	19/11/2015 2:56 60	20/11/2015 4:01 59	21/11/2015 5:06 60	22/11/2015 6:11 51
17/11/2015 0:51 52	18/11/2015 1:56 62	19/11/2015 3:01 60	20/11/2015 4:06 59	21/11/2015 5:11 61	22/11/2015 6:16 62
17/11/2015 0:56 63	18/11/2015 2:01 62	19/11/2015 3:06 61	20/11/2015 4:11 59	21/11/2015 5:16 60	22/11/2015 6:21 63
17/11/2015 1:01 63	18/11/2015 2:06 61	19/11/2015 3:11 60	20/11/2015 4:16 59	21/11/2015 5:21 61	22/11/2015 6:26 62
17/11/2015 1:06 62	18/11/2015 2:11 62	19/11/2015 3:16 59	20/11/2015 4:21 59	21/11/2015 5:26 61	22/11/2015 6:31 63
17/11/2015 1:11 62	18/11/2015 2:16 60	19/11/2015 3:21 59	20/11/2015 4:26 59	21/11/2015 5:31 61	22/11/2015 6:36 63
17/11/2015 1:16 62	18/11/2015 2:21 60	19/11/2015 3:26 58	20/11/2015 4:31 59	21/11/2015 5:36 61	22/11/2015 6:41 63

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

23/11/2015 0:41	49	24/11/2015 1:46	62	25/11/2015 2:51	60	26/11/2015 3:56	59	27/11/2015 5:01	59
23/11/2015 0:46	62	24/11/2015 1:51	61	25/11/2015 2:56	59	26/11/2015 4:01	61	27/11/2015 5:06	60
23/11/2015 0:51	62	24/11/2015 1:56	61	25/11/2015 3:01	60	26/11/2015 4:06	60	27/11/2015 5:11	59
23/11/2015 0:56	62	24/11/2015 2:01	61	25/11/2015 3:06	59	26/11/2015 4:11	59	27/11/2015 5:16	61
23/11/2015 1:01	62	24/11/2015 2:06	60	25/11/2015 3:11	59	26/11/2015 4:16	60	27/11/2015 5:21	62
23/11/2015 1:06	62	24/11/2015 2:11	59	25/11/2015 3:16	59	26/11/2015 4:21	59	27/11/2015 5:26	61
23/11/2015 1:11	62	24/11/2015 2:16	60	25/11/2015 3:21	59	26/11/2015 4:26	60	27/11/2015 5:31	61
23/11/2015 1:16	61	24/11/2015 2:21	60	25/11/2015 3:26	60	26/11/2015 4:31	59	27/11/2015 5:36	61
23/11/2015 1:21	62	24/11/2015 2:26	60	25/11/2015 3:31	58	26/11/2015 4:36	61	27/11/2015 5:41	61
23/11/2015 1:26	61	24/11/2015 2:31	59	25/11/2015 3:36	59	26/11/2015 4:41	60	27/11/2015 5:46	62
23/11/2015 1:31	61	24/11/2015 2:36	59	25/11/2015 3:41	59	26/11/2015 4:46	60	27/11/2015 5:51	62
23/11/2015 1:36	61	24/11/2015 2:41	60	25/11/2015 3:46	59	26/11/2015 4:51	60	27/11/2015 5:56	62
23/11/2015 1:41	60	24/11/2015 2:46	61	25/11/2015 3:51	59	26/11/2015 4:56	59	27/11/2015 6:01	62
23/11/2015 1:46	60	24/11/2015 2:51	59	25/11/2015 3:56	58	26/11/2015 5:01	60	27/11/2015 6:06	62
23/11/2015 1:51	60	24/11/2015 2:56	60	25/11/2015 4:01	58	26/11/2015 5:06	60	27/11/2015 6:11	50
23/11/2015 1:56	61	24/11/2015 3:01	62	25/11/2015 4:06	58	26/11/2015 5:11	60	27/11/2015 6:16	48
23/11/2015 2:01	60	24/11/2015 3:06	61	25/11/2015 4:11	59	26/11/2015 5:16	60	27/11/2015 6:21	53
23/11/2015 2:06	60	24/11/2015 3:11	59	25/11/2015 4:16	60	26/11/2015 5:21	61	27/11/2015 6:26	58
23/11/2015 2:11	61	24/11/2015 3:16	58	25/11/2015 4:21	59	26/11/2015 5:26	61	27/11/2015 6:31	59
23/11/2015 2:16	59	24/11/2015 3:21	59	25/11/2015 4:26	59	26/11/2015 5:31	61	27/11/2015 6:36	61
23/11/2015 2:21	60	24/11/2015 3:26	59	25/11/2015 4:31	61	26/11/2015 5:36	61	27/11/2015 6:41	63
23/11/2015 2:26	60	24/11/2015 3:31	59	25/11/2015 4:36	60	26/11/2015 5:41	61	27/11/2015 6:46	63
23/11/2015 2:31	59	24/11/2015 3:36	58	25/11/2015 4:41	60	26/11/2015 5:46	62	27/11/2015 6:51	64
23/11/2015 2:36	59	24/11/2015 3:41	59	25/11/2015 4:46	58	26/11/2015 5:51	62	27/11/2015 6:56	65
23/11/2015 2:41	59	24/11/2015 3:46	58	25/11/2015 4:51	59	26/11/2015 5:56	62	27/11/2015 23:01	61
23/11/2015 2:46	59	24/11/2015 3:51	60	25/11/2015 4:56	58	26/11/2015 6:01	63	27/11/2015 23:06	62
23/11/2015 2:51	58	24/11/2015 3:56	59	25/11/2015 5:01	60	26/11/2015 6:06	62	27/11/2015 23:11	62
23/11/2015 2:56	58	24/11/2015 4:01	58	25/11/2015 5:06	59	26/11/2015 6:11	63	27/11/2015 23:16	62
23/11/2015 3:01	59	24/11/2015 4:06	59	25/11/2015 5:11	60	26/11/2015 6:16	63	27/11/2015 23:21	61
23/11/2015 3:06	60	24/11/2015 4:11	59	25/11/2015 5:16	60	26/11/2015 6:21	56	27/11/2015 23:26	61
23/11/2015 3:11	60	24/11/2015 4:16	59	25/11/2015 5:21	61	26/11/2015 6:26	57	27/11/2015 23:31	63
23/11/2015 3:16	60	24/11/2015 4:21	58	25/11/2015 5:26	59	26/11/2015 6:31	62	27/11/2015 23:36	62
23/11/2015 3:21	60	24/11/2015 4:26	58	25/11/2015 5:31	60	26/11/2015 6:36	62	27/11/2015 23:41	60
23/11/2015 3:26	59	24/11/2015 4:31	59	25/11/2015 5:36	60	26/11/2015 6:41	62	27/11/2015 23:46	62
23/11/2015 3:31	58	24/11/2015 4:36	59	25/11/2015 5:41	61	26/11/2015 6:46	61	27/11/2015 23:51	60
23/11/2015 3:36	59	24/11/2015 4:41	59	25/11/2015 5:46	60	26/11/2015 6:51	63	27/11/2015 23:56	59
23/11/2015 3:41	60	24/11/2015 4:46	58	25/11/2015 5:51	63	26/11/2015 6:56	64		
23/11/2015 3:46	59	24/11/2015 4:51	59	25/11/2015 5:56	60	26/11/2015 23:01	62		
23/11/2015 3:51	58	24/11/2015 4:56	60	25/11/2015 6:01	61	26/11/2015 23:06	62		
23/11/2015 3:56	59	24/11/2015 5:01	60	25/11/2015 6:06	61	26/11/2015 23:11	62		
23/11/2015 4:01	58	24/11/2015 5:06	60	25/11/2015 6:11	63	26/11/2015 23:16	61		
23/11/2015 4:06	57	24/11/2015 5:11	60	25/11/2015 6:16	63	26/11/2015 23:21	61		
23/11/2015 4:11	58	24/11/2015 5:16	59	25/11/2015 6:21	63	26/11/2015 23:26	62		
23/11/2015 4:16	59	24/11/2015 5:21	61	25/11/2015 6:26	51	26/11/2015 23:31	60		
23/11/2015 4:21	59	24/11/2015 5:26	60	25/11/2015 6:31	58	26/11/2015 23:36	62		
23/11/2015 4:26	59	24/11/2015 5:31	60	25/11/2015 6:36	61	26/11/2015 23:41	60		
23/11/2015 4:31	59	24/11/2015 5:36	60	25/11/2015 6:41	63	26/11/2015 23:46	60		
23/11/2015 4:36	59	24/11/2015 5:41	61	25/11/2015 6:46	62	26/11/2015 23:51	60		
23/11/2015 4:41	59	24/11/2015 5:46	61	25/11/2015 6:51	62	26/11/2015 23:56	59		
23/11/2015 4:46	58	24/11/2015 5:51	62	25/11/2015 6:56	63	27/11/2015 0:01	57		
23/11/2015 4:51	60	24/11/2015 5:56	62	25/11/2015 23:01	60	27/11/2015 0:06	58		
23/11/2015 4:56	59	24/11/2015 6:01	61	25/11/2015 23:06	61	27/11/2015 0:11	58		
23/11/2015 5:01	59	24/11/2015 6:06	63	25/11/2015 23:11	61	27/11/2015 0:16	58		
23/11/2015 5:06	60	24/11/2015 6:11	63	25/11/2015 23:16	61	27/11/2015 0:21	58		
23/11/2015 5:11	58	24/11/2015 6:16	63	25/11/2015 23:21	61	27/11/2015 0:26	60		
23/11/2015 5:16	60	24/11/2015 6:21	56	25/11/2015 23:26	62	27/11/2015 0:31	53		
23/11/2015 5:21	61	24/11/2015 6:26	55	25/11/2015 23:31	62	27/11/2015 0:36	56		
23/11/2015 5:26	59	24/11/2015 6:31	56	25/11/2015 23:36	61	27/11/2015 0:41	50		
23/11/2015 5:31	60	24/11/2015 6:36	59	25/11/2015 23:41	60	27/11/2015 0:46	55		
23/11/2015 5:36	62	24/11/2015 6:41	61	25/11/2015 23:46	61	27/11/2015 0:51	63		
23/11/2015 5:41	60	24/11/2015 6:46	62	25/11/2015 23:51	61	27/11/2015 0:56	48		
23/11/2015 5:46	62	24/11/2015 6:51	62	25/11/2015 23:56	59	27/11/2015 1:01	63		
23/11/2015 5:51	62	24/11/2015 6:56	63	26/11/2015 0:01	61	27/11/2015 1:06	62		
23/11/2015 5:56	62	24/11/2015 23:01	66	26/11/2015 0:06	59	27/11/2015 1:11	62		
23/11/2015 6:01	61	24/11/2015 23:06	60	26/11/2015 0:11	60	27/11/2015 1:16	62		
23/11/2015 6:06	61	24/11/2015 23:11	59	26/11/2015 0:16	56	27/11/2015 1:21	63		
23/11/2015 6:11	62	24/11/2015 23:16	60	26/11/2015 0:21	59	27/11/2015 1:26	63		
23/11/2015 6:16	63	24/11/2015 23:21	60	26/11/2015 0:26	56	27/11/2015 1:31	61		
23/11/2015 6:21	54	24/11/2015 23:26	60	26/11/2015 0:31	57	27/11/2015 1:36	61		
23/11/2015 6:26	54	24/11/2015 23:31	58	26/11/2015 0:36	49	27/11/2015 1:41	62		
23/11/2015 6:31	56	24/11/2015 23:36	58	26/11/2015 0:41	58	27/11/2015 1:46	62		
23/11/2015 6:36	60	24/11/2015 23:41	57	26/11/2015 0:46	52	27/11/2015 1:51	62		
23/11/2015 6:41	61	24/11/2015 23:46	57	26/11/2015 0:51	55	27/11/2015 1:56	62		
23/11/2015 6:46	68	24/11/2015 23:51	57	26/11/2015 0:56	40	27/11/2015 2:01	62		
23/11/2015 6:51	63	24/11/2015 23:56	61	26/11/2015 1:01	63	27/11/2015 2:06	62		
23/11/2015 6:56	63	25/11/2015 0:01	57	26/11/2015 1:06	63	27/11/2015 2:11	62		
23/11/2015 23:01	60	25/11/2015 0:06	54	26/11/2015 1:11	57	27/11/2015 2:16	61		
23/11/2015 23:06	61	25/11/2015 0:11	58	26/11/2015 1:16	52	27/11/2015 2:21	61		
23/11/2015 23:11	59	25/11/2015 0:16	57	26/11/2015 1:21	63	27/11/2015 2:26	60		
23/11/2015 23:16	58	25/11/2015 0:21	52	26/11/2015 1:26	62	27/11/2015 2:31	61		
23/11/2015 23:21	60	25/11/2015 0:26	53	26/11/2015 1:31	62	27/11/2015 2:36	60		
23/11/2015 23:26	62	25/11/2015 0:31	57	26/11/2015 1:36	61	27/11/2015 2:41	61		
23/11/2015 23:31	58	25/11/2015 0:36	55	26/11/2015 1:41	62	27/11/2015 2:46	60		
23/11/2015 23:36	58	25/11/2015 0:41	40	26/11/2015 1:46	61	27/11/2015 2:51	60		
23/11/2015 23:41	56	25/11/2015 0:46	62	26/11/2015 1:51	61	27/11/2015 2:56	61		
23/11/2015 23:46	59	25/11/2015 0:51	63	26/11/2015 1:56	62	27/11/2015 3:01	60		
23/11/2015 23:51	61	25/11/2015 0:56	47	26/11/2015 2:01	62	27/11/2015 3:06	60		
23/11/2015 23:56	57	25/11/2015 1:01	62	26/11/2015 2:06	61	27/11/2015 3:11	60		
24/11/2015 0:01	56	25/11/2015 1:06	62	26/11/2015 2:11	62	27/11/2015 3:16	61		
24/11/2015 0:06	55	25/11/2015 1:11	62	26/11/2015 2:16	61	27/11/2015 3:21	60		
24/11/2015 0:11	53	25/11/2015 1:16	62	26/11/2015 2:21	61	27/11/2015 3:26	60		
24/11/2015 0:16	54	25/11/2015 1:21	62	26/11/2015 2:26	61	27/11/2015 3:31	60		
24/11/2015 0:21	57	25/11/2015 1:26	61	26/11/2015 2:31	62	27/11/2015 3:36	60		
24/11/2015 0:26	42	25/11/2015 1:31	51	26/11/2015 2:36	60	27/11/2015 3:41	62		
24/11/2015 0:31	47	25/11/2015 1:36	61	26/11/2015 2:41	61	27/11/2015 3:46	59		
24/11/2015 0:36	63	25/11/2015 1:41	60						

Real-time Noise Data	RTN4 (Causeway Bay Community Centre)			
Normal Day 07:00-19:00	2/11/2015 12:01 66	6/11/2015 18:31 64	12/11/2015 13:01 68	18/11/2015 7:31 64
	2/11/2015 12:31 66	7/11/2015 7:01 67	12/11/2015 13:31 63	18/11/2015 8:01 66
	2/11/2015 13:01 47	7/11/2015 7:31 68	12/11/2015 14:01 59	18/11/2015 8:31 66
28/10/2015 7:01 65	2/11/2015 13:31 58	7/11/2015 8:01 68	12/11/2015 14:31 56	18/11/2015 9:01 66
28/10/2015 7:31 66	2/11/2015 14:01 68	7/11/2015 8:31 67	12/11/2015 15:01 69	18/11/2015 9:31 67
28/10/2015 8:01 67	2/11/2015 14:31 69	7/11/2015 9:01 67	12/11/2015 15:31 66	18/11/2015 10:01 68
28/10/2015 8:31 66	2/11/2015 15:01 53	7/11/2015 9:31 67	12/11/2015 16:01 66	18/11/2015 10:31 68
28/10/2015 9:01 66	2/11/2015 15:31 47	7/11/2015 10:01 67	12/11/2015 16:31 67	18/11/2015 11:01 67
28/10/2015 9:31 66	2/11/2015 16:01 53	7/11/2015 10:31 68	12/11/2015 17:01 66	18/11/2015 11:31 66
28/10/2015 10:01 68	2/11/2015 16:31 67	7/11/2015 11:01 68	12/11/2015 17:31 66	18/11/2015 12:01 66
28/10/2015 10:31 68	2/11/2015 17:01 67	7/11/2015 11:31 67	12/11/2015 18:01 65	18/11/2015 12:31 66
28/10/2015 11:01 69	2/11/2015 17:31 65	7/11/2015 12:01 65	12/11/2015 18:31 65	18/11/2015 13:01 67
28/10/2015 11:31 59	2/11/2015 18:01 65	7/11/2015 12:31 66	13/11/2015 7:01 66	18/11/2015 13:31 68
28/10/2015 12:01 66	2/11/2015 18:31 64	7/11/2015 13:01 68	13/11/2015 7:31 66	18/11/2015 14:01 68
28/10/2015 12:31 66	3/11/2015 7:01 66	7/11/2015 13:31 68	13/11/2015 8:01 67	18/11/2015 14:31 68
28/10/2015 13:01 68	3/11/2015 7:31 66	7/11/2015 14:01 67	13/11/2015 8:31 66	18/11/2015 15:01 68
28/10/2015 13:31 52	3/11/2015 8:01 66	7/11/2015 14:31 67	13/11/2015 9:01 66	18/11/2015 15:31 66
28/10/2015 14:01 69	3/11/2015 8:31 67	7/11/2015 15:01 67	13/11/2015 9:31 67	18/11/2015 16:01 68
28/10/2015 14:31 59	3/11/2015 9:01 68	7/11/2015 15:31 67	13/11/2015 10:01 68	18/11/2015 16:31 68
28/10/2015 15:01 50	3/11/2015 9:31 74	7/11/2015 16:01 66	13/11/2015 10:31 68	18/11/2015 17:01 68
28/10/2015 15:31 69	3/11/2015 10:01 75	7/11/2015 16:31 65	13/11/2015 11:01 68	18/11/2015 17:31 67
28/10/2015 16:01 55	3/11/2015 10:31 85	7/11/2015 17:01 64	13/11/2015 11:31 68	18/11/2015 18:01 65
28/10/2015 16:31 53	3/11/2015 11:01 79	7/11/2015 17:31 66	13/11/2015 12:01 65	18/11/2015 18:31 64
28/10/2015 17:01 67	3/11/2015 11:31 65	7/11/2015 18:01 64	13/11/2015 12:31 64	19/11/2015 7:01 66
28/10/2015 17:31 65	3/11/2015 12:01 68	7/11/2015 18:31 65	13/11/2015 13:01 67	19/11/2015 7:31 67
28/10/2015 18:01 64	3/11/2015 12:31 42	9/11/2015 7:01 66	13/11/2015 13:31 68	19/11/2015 8:01 66
28/10/2015 18:31 64	3/11/2015 13:01 55	9/11/2015 7:31 66	13/11/2015 14:01 67	19/11/2015 8:31 66
29/10/2015 7:01 64	3/11/2015 13:31 54	9/11/2015 8:01 66	13/11/2015 14:31 67	19/11/2015 9:01 68
29/10/2015 7:31 64	3/11/2015 14:01 68	9/11/2015 8:31 74	13/11/2015 15:01 68	19/11/2015 9:31 53
29/10/2015 8:01 65	3/11/2015 14:31 68	9/11/2015 9:01 79	13/11/2015 15:31 67	19/11/2015 10:01 61
29/10/2015 8:31 66	3/11/2015 15:01 68	9/11/2015 9:31 75	13/11/2015 16:01 68	19/11/2015 10:31 68
29/10/2015 9:01 67	3/11/2015 15:31 59	9/11/2015 10:01 65	13/11/2015 16:31 71	19/11/2015 11:01 59
29/10/2015 9:31 67	3/11/2015 16:01 67	9/11/2015 10:31 55	13/11/2015 17:01 42	19/11/2015 11:31 52
29/10/2015 10:01 68	3/11/2015 16:31 68	9/11/2015 11:01 68	13/11/2015 17:31 66	19/11/2015 12:01 66
29/10/2015 10:31 68	3/11/2015 17:01 68	9/11/2015 11:31 68	13/11/2015 18:01 63	19/11/2015 12:31 66
29/10/2015 11:01 68	3/11/2015 17:31 65	9/11/2015 12:01 67	13/11/2015 18:31 63	19/11/2015 13:01 63
29/10/2015 11:31 68	3/11/2015 18:01 66	9/11/2015 12:31 67	14/11/2015 7:01 68	19/11/2015 13:31 63
29/10/2015 12:01 66	3/11/2015 18:31 64	9/11/2015 13:01 56	14/11/2015 7:31 59	19/11/2015 14:01 62
29/10/2015 12:31 68	4/11/2015 7:01 66	9/11/2015 13:31 62	14/11/2015 8:01 68	19/11/2015 14:31 68
29/10/2015 13:01 68	4/11/2015 7:31 66	9/11/2015 14:01 68	14/11/2015 8:31 68	19/11/2015 15:01 67
29/10/2015 13:31 67	4/11/2015 8:01 66	9/11/2015 14:31 53	14/11/2015 9:01 69	19/11/2015 15:31 68
29/10/2015 14:01 68	4/11/2015 8:31 66	9/11/2015 15:01 61	14/11/2015 9:31 47	19/11/2015 16:01 67
29/10/2015 14:31 68	4/11/2015 9:01 69	9/11/2015 15:31 67	14/11/2015 10:01 56	19/11/2015 16:31 67
29/10/2015 15:01 67	4/11/2015 9:31 71	9/11/2015 16:01 68	14/11/2015 10:31 68	19/11/2015 17:01 66
29/10/2015 15:31 65	4/11/2015 10:01 67	9/11/2015 16:31 63	14/11/2015 11:01 68	19/11/2015 17:31 66
29/10/2015 16:01 67	4/11/2015 10:31 68	9/11/2015 17:01 65	14/11/2015 11:31 67	19/11/2015 18:01 66
29/10/2015 16:31 67	4/11/2015 11:01 68	9/11/2015 17:31 62	14/11/2015 12:01 66	19/11/2015 18:31 66
29/10/2015 17:01 67	4/11/2015 11:31 68	9/11/2015 18:01 68	14/11/2015 12:31 66	20/11/2015 7:01 67
29/10/2015 17:31 67	4/11/2015 12:01 66	9/11/2015 18:31 68	14/11/2015 13:01 67	20/11/2015 7:31 67
29/10/2015 18:01 66	4/11/2015 12:31 68	10/11/2015 7:01 66	14/11/2015 13:31 67	20/11/2015 8:01 67
29/10/2015 18:31 67	4/11/2015 13:01 46	10/11/2015 7:31 66	14/11/2015 14:01 68	20/11/2015 8:31 66
30/10/2015 7:01 65	4/11/2015 13:31 58	10/11/2015 8:01 65	14/11/2015 14:31 69	20/11/2015 9:01 68
30/10/2015 7:31 65	4/11/2015 14:01 62	10/11/2015 8:31 66	14/11/2015 15:01 67	20/11/2015 9:31 68
30/10/2015 8:01 67	4/11/2015 14:31 68	10/11/2015 9:01 67	14/11/2015 15:31 66	20/11/2015 10:01 68
30/10/2015 8:31 65	4/11/2015 15:01 67	10/11/2015 9:31 54	14/11/2015 16:01 66	20/11/2015 10:31 68
30/10/2015 9:01 65	4/11/2015 15:31 66	10/11/2015 10:01 60	14/11/2015 16:31 68	20/11/2015 11:01 57
30/10/2015 9:31 66	4/11/2015 16:01 49	10/11/2015 10:31 68	14/11/2015 17:01 67	20/11/2015 11:31 68
30/10/2015 10:01 67	4/11/2015 16:31 55	10/11/2015 11:01 68	14/11/2015 17:31 66	20/11/2015 12:01 66
30/10/2015 10:31 67	4/11/2015 17:01 57	10/11/2015 11:31 67	14/11/2015 18:01 65	20/11/2015 12:31 67
30/10/2015 11:01 67	4/11/2015 17:31 68	10/11/2015 12:01 66	14/11/2015 18:31 65	20/11/2015 13:01 68
30/10/2015 11:31 66	4/11/2015 18:01 67	10/11/2015 12:31 67	16/11/2015 7:01 66	20/11/2015 13:31 51
30/10/2015 12:01 65	4/11/2015 18:31 65	10/11/2015 13:01 60	16/11/2015 7:31 66	20/11/2015 14:01 68
30/10/2015 12:31 65	5/11/2015 7:01 66	10/11/2015 13:31 68	16/11/2015 8:01 68	20/11/2015 14:31 68
30/10/2015 13:01 49	5/11/2015 7:31 69	10/11/2015 14:01 68	16/11/2015 8:31 67	20/11/2015 15:01 68
30/10/2015 13:31 68	5/11/2015 8:01 67	10/11/2015 14:31 68	16/11/2015 9:01 68	20/11/2015 15:31 67
30/10/2015 14:01 67	5/11/2015 8:31 66	10/11/2015 15:01 68	16/11/2015 9:31 67	20/11/2015 16:01 68
30/10/2015 14:31 68	5/11/2015 9:01 66	10/11/2015 15:31 58	16/11/2015 10:01 68	20/11/2015 16:31 62
30/10/2015 15:01 67	5/11/2015 9:31 68	10/11/2015 16:01 62	16/11/2015 10:31 67	20/11/2015 17:01 67
30/10/2015 15:31 68	5/11/2015 10:01 68	10/11/2015 16:31 63	16/11/2015 11:01 61	20/11/2015 17:31 67
30/10/2015 16:01 68	5/11/2015 10:31 68	10/11/2015 17:01 68	16/11/2015 11:31 61	20/11/2015 18:01 65
30/10/2015 16:31 67	5/11/2015 11:01 68	10/11/2015 17:31 68	16/11/2015 12:01 67	20/11/2015 18:31 63
30/10/2015 17:01 68	5/11/2015 11:31 68	10/11/2015 18:01 67	16/11/2015 12:31 67	21/11/2015 7:01 67
30/10/2015 17:31 68	5/11/2015 12:01 66	10/11/2015 18:31 65	16/11/2015 13:01 59	21/11/2015 7:31 68
30/10/2015 18:01 64	5/11/2015 12:31 68	11/11/2015 7:01 66	16/11/2015 13:31 61	21/11/2015 8:01 61
30/10/2015 18:31 62	5/11/2015 13:01 68	11/11/2015 7:31 65	16/11/2015 14:01 68	21/11/2015 8:31 68
31/10/2015 7:01 65	5/11/2015 13:31 68	11/11/2015 8:01 66	16/11/2015 14:31 60	21/11/2015 9:01 68
31/10/2015 7:31 67	5/11/2015 14:01 67	11/11/2015 8:31 66	16/11/2015 15:01 62	21/11/2015 9:31 68
31/10/2015 8:01 68	5/11/2015 14:31 66	11/11/2015 9:01 66	16/11/2015 15:31 68	21/11/2015 10:01 67
31/10/2015 8:31 67	5/11/2015 15:01 66	11/11/2015 9:31 67	16/11/2015 16:01 67	21/11/2015 10:31 67
31/10/2015 9:01 67	5/11/2015 15:31 68	11/11/2015 10:01 68	16/11/2015 16:31 68	21/11/2015 11:01 68
31/10/2015 9:31 67	5/11/2015 16:01 67	11/11/2015 10:31 68	16/11/2015 17:01 59	21/11/2015 11:31 66
31/10/2015 10:01 67	5/11/2015 16:31 67	11/11/2015 11:01 68	16/11/2015 17:31 56	21/11/2015 12:01 67
31/10/2015 10:31 67	5/11/2015 17:01 68	11/11/2015 11:31 67	16/11/2015 18:01 68	21/11/2015 12:31 66
31/10/2015 11:01 67	5/11/2015 17:31 68	11/11/2015 12:01 67	16/11/2015 18:31 68	21/11/2015 13:01 55
31/10/2015 11:31 65	5/11/2015 18:01 66	11/11/2015 12:31 68	17/11/2015 7:01 66	21/11/2015 13:31 56
31/10/2015 12:01 64	5/11/2015 18:31 66	11/11/2015 13:01 63	17/11/2015 7:31 67	21/11/2015 14:01 68
31/10/2015 12:31 64	6/11/2015 7:01 65	11/11/2015 13:31 61	17/11/2015 8:01 66	21/11/2015 14:31 68
31/10/2015 13:01 67	6/11/2015 7:31 66	11/11/2015 14:01 68	17/11/2015 8:31 66	21/11/2015 15:01 68
31/10/2015 13:31 65	6/11/2015 8:01 67	11/11/2015 14:31 68	17/11/2015 9:01 67	21/11/2015 15:31 68
31/10/2015 14:01 74	6/11/2015 8:31 66	11/11/2015 15:01 67	17/11/2015 9:31 68	21/11/2015 16:01 61
31/10/2015 14:31 78	6/11/2015 9:01 66	11/11/2015 15:31 67	17/11/2015 10:01 54	21/11/2015 16:31 67
31/10/2015 15:01 78	6/11/2015 9:31 68	11/11/2015 16:01 68	17/11/2015 10:31 55	21/11/2015 17:01 66
31/10/2015 15:31 82	6/11/2015 10:01 67	11/11/2015 16:31 68	17/11/2015 11:01 56	21/11/2015 17:31 65
31/10/2015 16:01 61	6/11/2015 10:31 67	11/11/2015 17:01 68	17/11/2015 11:31 67	21/11/2015 18:01 66
31/10/2015 16:31 67	6/11/2015 11:01 68	11/11/2015 17:31 67	17/11/2015 12:01 67	21/11/2015 18:31 66
31/10/2015 17:01 67	6/11/2015 11:31 67	11/11/2015 18:01 6		

Real-time Noise Data	RTN4 (Causeway Bay Community Centre)				
Normal Day 19:00-23:00	30/10/2015 19:41 61	1/11/2015 8:46 63	1/11/2015 17:51 64	2/11/2015 22:56 60	5/11/2015 20:01 67
Sunday & Holiday	30/10/2015 19:46 64	1/11/2015 8:51 64	1/11/2015 17:56 63	3/11/2015 19:01 63	5/11/2015 20:06 66
07:00-23:00	30/10/2015 19:51 66	1/11/2015 8:56 64	1/11/2015 18:01 63	3/11/2015 19:06 55	5/11/2015 20:11 65
	30/10/2015 19:56 66	1/11/2015 9:01 64	1/11/2015 18:06 64	3/11/2015 19:11 61	5/11/2015 20:16 66
	30/10/2015 20:01 64	1/11/2015 9:06 65	1/11/2015 18:11 62	3/11/2015 19:16 61	5/11/2015 20:21 66
	30/10/2015 20:06 64	1/11/2015 9:11 65	1/11/2015 18:16 61	3/11/2015 19:21 62	5/11/2015 20:26 66
	30/10/2015 20:11 66	1/11/2015 9:16 67	1/11/2015 18:21 62	3/11/2015 19:26 64	5/11/2015 20:31 66
	30/10/2015 20:16 65	1/11/2015 9:21 66	1/11/2015 18:26 62	3/11/2015 19:31 52	5/11/2015 20:36 68
	30/10/2015 20:21 65	1/11/2015 9:26 65	1/11/2015 18:31 63	3/11/2015 19:36 51	5/11/2015 20:41 65
	30/10/2015 20:26 64	1/11/2015 9:31 66	1/11/2015 18:36 67	3/11/2015 19:41 51	5/11/2015 20:46 66
	30/10/2015 20:31 64	1/11/2015 9:36 66	1/11/2015 18:41 64	3/11/2015 19:46 57	5/11/2015 20:51 64
	30/10/2015 20:36 65	1/11/2015 9:41 66	1/11/2015 18:46 65	3/11/2015 19:51 64	5/11/2015 20:56 65
	30/10/2015 20:41 64	1/11/2015 9:46 66	1/11/2015 18:51 65	3/11/2015 19:56 60	5/11/2015 21:01 64
	30/10/2015 20:46 64	1/11/2015 9:51 65	1/11/2015 18:56 64	3/11/2015 20:01 64	5/11/2015 21:06 65
	30/10/2015 20:51 64	1/11/2015 9:56 65	1/11/2015 19:01 65	3/11/2015 20:06 66	5/11/2015 21:11 65
	30/10/2015 20:56 64	1/11/2015 10:01 65	1/11/2015 19:06 65	3/11/2015 20:11 65	5/11/2015 21:16 65
	30/10/2015 21:01 63	1/11/2015 10:06 65	1/11/2015 19:11 65	3/11/2015 20:16 66	5/11/2015 21:21 64
	30/10/2015 21:06 63	1/11/2015 10:11 65	1/11/2015 19:16 65	3/11/2015 20:21 66	5/11/2015 21:26 63
	30/10/2015 21:11 64	1/11/2015 10:16 63	1/11/2015 19:21 65	3/11/2015 20:26 67	5/11/2015 21:31 64
	30/10/2015 21:16 65	1/11/2015 10:21 64	1/11/2015 19:26 65	3/11/2015 20:31 66	5/11/2015 21:36 64
	30/10/2015 21:21 63	1/11/2015 10:26 61	1/11/2015 19:31 64	3/11/2015 20:36 66	5/11/2015 21:41 64
	30/10/2015 21:26 62	1/11/2015 10:31 63	1/11/2015 19:36 64	3/11/2015 20:41 65	5/11/2015 21:46 65
	30/10/2015 21:31 63	1/11/2015 10:36 62	1/11/2015 19:41 63	3/11/2015 20:46 66	5/11/2015 21:51 64
	30/10/2015 21:36 63	1/11/2015 10:41 62	1/11/2015 19:46 63	3/11/2015 20:51 66	5/11/2015 21:56 64
	30/10/2015 21:41 62	1/11/2015 10:46 62	1/11/2015 19:51 62	3/11/2015 20:56 65	5/11/2015 22:01 64
	30/10/2015 21:46 62	1/11/2015 10:51 60	1/11/2015 19:56 63	3/11/2015 21:01 66	5/11/2015 22:06 65
	30/10/2015 21:51 63	1/11/2015 10:56 64	1/11/2015 20:01 63	3/11/2015 21:06 66	5/11/2015 22:11 64
	30/10/2015 21:56 62	1/11/2015 11:01 64	1/11/2015 20:06 64	3/11/2015 21:11 65	5/11/2015 22:16 65
	30/10/2015 22:01 62	1/11/2015 11:06 65	1/11/2015 20:11 62	3/11/2015 21:16 66	5/11/2015 22:21 65
	30/10/2015 22:06 63	1/11/2015 11:11 64	1/11/2015 20:16 63	3/11/2015 21:21 65	5/11/2015 22:26 63
	30/10/2015 22:11 62	1/11/2015 11:16 61	1/11/2015 20:21 61	3/11/2015 21:26 66	5/11/2015 22:31 64
	30/10/2015 22:16 63	1/11/2015 11:21 60	1/11/2015 20:26 62	3/11/2015 21:31 65	5/11/2015 22:36 65
	30/10/2015 22:21 63	1/11/2015 11:26 63	1/11/2015 20:31 62	3/11/2015 21:36 66	5/11/2015 22:41 64
	30/10/2015 22:26 62	1/11/2015 11:31 62	1/11/2015 20:36 62	3/11/2015 21:41 65	5/11/2015 22:46 65
	30/10/2015 22:31 63	1/11/2015 11:36 62	1/11/2015 20:41 63	3/11/2015 21:46 66	5/11/2015 22:51 64
	30/10/2015 22:36 62	1/11/2015 11:41 60	1/11/2015 20:46 62	3/11/2015 21:51 65	5/11/2015 22:56 63
	30/10/2015 22:41 62	1/11/2015 11:46 59	1/11/2015 20:51 62	3/11/2015 21:56 64	6/11/2015 19:01 63
	30/10/2015 22:46 63	1/11/2015 11:51 62	1/11/2015 20:56 63	3/11/2015 22:01 64	6/11/2015 19:06 64
	30/10/2015 22:51 63	1/11/2015 11:56 62	1/11/2015 21:01 62	3/11/2015 22:06 63	6/11/2015 19:11 53
	30/10/2015 22:56 62	1/11/2015 12:01 63	1/11/2015 21:06 63	3/11/2015 22:11 64	6/11/2015 19:16 55
	31/10/2015 19:01 63	1/11/2015 12:06 62	1/11/2015 21:11 62	3/11/2015 22:16 65	6/11/2015 19:21 56
	31/10/2015 19:06 60	1/11/2015 12:11 62	1/11/2015 21:16 63	3/11/2015 22:21 64	6/11/2015 19:26 64
	31/10/2015 19:11 60	1/11/2015 12:16 54	1/11/2015 21:21 63	3/11/2015 22:26 64	6/11/2015 19:31 64
	31/10/2015 19:16 59	1/11/2015 12:21 46	1/11/2015 21:26 61	3/11/2015 22:31 65	6/11/2015 19:36 59
	31/10/2015 19:21 61	1/11/2015 12:26 60	1/11/2015 21:31 63	3/11/2015 22:36 64	6/11/2015 19:41 61
	31/10/2015 19:26 61	1/11/2015 12:31 59	1/11/2015 21:36 61	3/11/2015 22:41 66	6/11/2015 19:46 57
	31/10/2015 19:31 56	1/11/2015 12:36 59	1/11/2015 21:41 60	3/11/2015 22:46 64	6/11/2015 19:51 58
	31/10/2015 19:36 62	1/11/2015 12:41 58	1/11/2015 21:46 63	3/11/2015 22:51 64	6/11/2015 19:56 62
	31/10/2015 19:41 64	1/11/2015 12:46 62	1/11/2015 21:51 64	3/11/2015 22:56 64	6/11/2015 20:01 65
	31/10/2015 19:46 66	1/11/2015 12:51 53	1/11/2015 21:56 62	4/11/2015 19:01 65	6/11/2015 20:06 65
	31/10/2015 19:51 66	1/11/2015 12:56 53	1/11/2015 22:01 61	4/11/2015 19:06 66	6/11/2015 20:11 66
	31/10/2015 19:56 65	1/11/2015 13:01 53	1/11/2015 22:06 62	4/11/2015 19:11 65	6/11/2015 20:16 65
	31/10/2015 20:01 64	1/11/2015 13:06 51	1/11/2015 22:11 63	4/11/2015 19:16 66	6/11/2015 20:21 65
	31/10/2015 20:06 63	1/11/2015 13:11 64	1/11/2015 22:16 62	4/11/2015 19:21 65	6/11/2015 20:26 65
	31/10/2015 20:11 65	1/11/2015 13:16 56	1/11/2015 22:21 63	4/11/2015 19:26 66	6/11/2015 20:31 63
	31/10/2015 20:16 65	1/11/2015 13:21 55	1/11/2015 22:26 62	4/11/2015 19:31 66	6/11/2015 20:36 65
	31/10/2015 20:21 65	1/11/2015 13:26 53	1/11/2015 22:31 60	4/11/2015 19:36 66	6/11/2015 20:41 65
	31/10/2015 20:26 65	1/11/2015 13:31 55	1/11/2015 22:36 63	4/11/2015 19:41 65	6/11/2015 20:46 64
	31/10/2015 20:31 65	1/11/2015 13:36 59	1/11/2015 22:41 63	4/11/2015 19:46 65	6/11/2015 20:51 67
	31/10/2015 20:36 63	1/11/2015 13:41 59	1/11/2015 22:46 63	4/11/2015 19:51 67	6/11/2015 20:56 66
	31/10/2015 20:41 64	1/11/2015 13:46 58	1/11/2015 22:51 63	4/11/2015 19:56 65	6/11/2015 21:01 65
	31/10/2015 20:46 65	1/11/2015 13:51 62	1/11/2015 22:56 60	4/11/2015 20:01 66	6/11/2015 21:06 66
	31/10/2015 20:51 65	1/11/2015 13:56 60	2/11/2015 19:01 65	4/11/2015 20:06 65	6/11/2015 21:11 64
	31/10/2015 20:56 65	1/11/2015 14:01 64	2/11/2015 19:06 65	4/11/2015 20:11 66	6/11/2015 21:16 65
	31/10/2015 21:01 64	1/11/2015 14:06 65	2/11/2015 19:11 64	4/11/2015 20:16 65	6/11/2015 21:21 66
	31/10/2015 21:06 63	1/11/2015 14:11 65	2/11/2015 19:16 58	4/11/2015 20:21 65	6/11/2015 21:26 65
	31/10/2015 21:11 64	1/11/2015 14:16 66	2/11/2015 19:21 64	4/11/2015 20:26 65	6/11/2015 21:31 65
	31/10/2015 21:16 62	1/11/2015 14:21 65	2/11/2015 19:26 66	4/11/2015 20:31 64	6/11/2015 21:36 66
	31/10/2015 21:21 63	1/11/2015 14:26 64	2/11/2015 19:31 66	4/11/2015 20:36 65	6/11/2015 21:41 65
	31/10/2015 21:26 63	1/11/2015 14:31 61	2/11/2015 19:36 65	4/11/2015 20:41 65	6/11/2015 21:46 65
	31/10/2015 21:31 64	1/11/2015 14:36 64	2/11/2015 19:41 64	4/11/2015 20:46 65	6/11/2015 21:51 65
	31/10/2015 21:36 65	1/11/2015 14:41 61	2/11/2015 19:46 65	4/11/2015 20:51 65	6/11/2015 21:56 65
	31/10/2015 21:41 64	1/11/2015 14:46 63	2/11/2015 19:51 65	4/11/2015 20:56 65	6/11/2015 22:01 65
	31/10/2015 21:46 65	1/11/2015 14:51 62	2/11/2015 19:56 67	4/11/2015 21:01 63	6/11/2015 22:06 64
	31/10/2015 20:46 64	1/11/2015 14:56 63	2/11/2015 20:01 64	4/11/2015 21:06 63	6/11/2015 22:11 64
	31/10/2015 20:51 63	1/11/2015 15:01 64	2/11/2015 20:06 64	4/11/2015 21:11 64	6/11/2015 22:16 65
	31/10/2015 20:56 64	1/11/2015 15:06 62	2/11/2015 20:11 65	4/11/2015 21:16 64	6/11/2015 22:21 65
	31/10/2015 21:01 65	1/11/2015 15:11 66	2/11/2015 20:16 64	4/11/2015 21:21 64	6/11/2015 22:26 65
	31/10/2015 21:06 66	1/11/2015 15:16 65	2/11/2015 20:21 64	4/11/2015 21:26 65	6/11/2015 22:31 64
	31/10/2015 21:11 65	1/11/2015 15:21 65	2/11/2015 20:26 63	4/11/2015 21:31 64	6/11/2015 22:36 64
	31/10/2015 21:16 65	1/11/2015 15:26 64	2/11/2015 20:31 65	4/11/2015 21:36 64	6/11/2015 22:41 65
	31/10/2015 21:21 65	1/11/2015 15:31 64	2/11/2015 20:36 66	4/11/2015 21:41 65	6/11/2015 22:46 64
	31/10/2015 21:26 65	1/11/2015 15:36 65	2/11/2015 20:41 63	4/11/2015 21:46 64	6/11/2015 22:51 66
	31/10/2015 21:31 64	1/11/2015 15:41 65	2/11/2015 20:46 64	4/11/2015 21:51 66	6/11/2015 22:56 65
	31/10/2015 21:36 64	1/11/2015 15:46 65	2/11/2015 20:51 65	4/11/2015 21:56 64	7/11/2015 19:01 58
	31/10/2015 21:41 61	1/11/2015 15:51 66	2/11/2015 20:56 64	4/11/2015 22:01 64	7/11/2015 19:06 54
	31/10/2015 21:46 62	1/11/2015 15:56 63	2/11/2015 21:01 65	4/11/2015 22:06 64	7/11/2015 19:11 55
	31/10/2015 21:51 62	1/11/2015 16:01 62	2/11/2015 21:06 64	4/11/2015 22:11 63	7/11/2015 19:16 63
	31/10/2015 21:56 62	1/11/2015 16:06 64	2/11/2015 21:11 64	4/11/2015 22:16 64	7/11/2015 19:21 65
	31/10/2015 22:01 63	1/11/2015 16:11 65	2/11/2015 21:16 66	4/11/2015 22:21 62	7/11/2015 19:26 65
	31/10/2015 22:06 63	1/11/2015 16:16 66	2/11/2015 21:21 65	4/11/2015 22:26 65	7/11/2015 19:31 66
	31/10/2015 22:11 63	1/11/2015 16:21 65	2/11/2015 21:26 62	4/11/2015 22:31 63	7/11/2015 19:36 66
	31/10/2015 22:16 63	1/11/2015 16:26			

Real-time Noise Data	RTN4 (Causeway Bay Community Centre)				
7/11/2015 21:06 65	8/11/2015 14:11 66	9/11/2015 19:16 67	11/11/2015 20:21 66	13/11/2015 21:26 68	15/11/2015 10:31 65
7/11/2015 21:11 65	8/11/2015 14:16 66	9/11/2015 19:21 67	11/11/2015 20:26 66	13/11/2015 21:31 68	15/11/2015 10:36 65
7/11/2015 21:16 65	8/11/2015 14:21 65	9/11/2015 19:26 66	11/11/2015 20:31 66	13/11/2015 21:36 66	15/11/2015 10:41 64
7/11/2015 21:21 65	8/11/2015 14:26 66	9/11/2015 19:31 66	11/11/2015 20:36 66	13/11/2015 21:41 68	15/11/2015 10:46 66
7/11/2015 21:26 64	8/11/2015 14:31 66	9/11/2015 19:36 66	11/11/2015 20:41 66	13/11/2015 21:46 68	15/11/2015 10:51 65
7/11/2015 21:31 64	8/11/2015 14:36 65	9/11/2015 19:41 66	11/11/2015 20:46 66	13/11/2015 21:51 68	15/11/2015 10:56 64
7/11/2015 21:36 65	8/11/2015 14:41 65	9/11/2015 19:46 66	11/11/2015 20:51 66	13/11/2015 21:56 67	15/11/2015 11:01 65
7/11/2015 21:41 64	8/11/2015 14:46 65	9/11/2015 19:51 66	11/11/2015 20:56 65	13/11/2015 22:01 68	15/11/2015 11:06 66
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Real-time Noise Data	RTN4 (Causeway Bay Community Centre)				
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16/11/2015 20:11 65	18/11/2015 21:16 66	20/11/2015 22:21 64	22/11/2015 11:26 61	22/11/2015 20:31 65	24/11/2015 21:36 66
16/11/2015 20:16 66	18/11/2015 21:21 65	20/11/2015 22:26 65	22/11/2015 11:31 61	22/11/2015 20:36 64	24/11/2015 21:41 65
16/11/2015 20:21 67	18/11/2015 21:26 64	20/11/2015 22:31 66	22/11/2015 11:36 60	22/11/2015 20:41 65	24/11/2015 21:46 64
16/11/2015 20:26 66	18/11/2015 21:31 65	20/11/2015 22:36 66	22/11/2015 11:41 62	22/11/2015 20:46 64	24/11/2015 21:51 65
16/11/2015 20:31 66	18/11/2015 21:36 65	20/11/2015 22:41 66	22/11/2015 11:46 58	22/11/2015 20:51 63	24/11/2015 21:56 67
16/11/2015 20:36 66	18/11/2015 21:41 65	20/11/2015 22:46 65	22/11/2015 11:51 57	22/11/2015 20:56 65	24/11/2015 22:01 66
16/11/2015 20:41 65	18/11/2015 21:46 65	20/11/2015 22:51 65	22/11/2015 11:56 60	22/11/2015 21:01 64	24/11/2015 22:06 64
16/11/2015 20:46 65	18/11/2015 21:51 66	20/11/2015 22:56 65	22/11/2015 12:01 62	22/11/2015 21:06 66	24/11/2015 22:11 64
16/11/2015 20:51 67	18/11/2015 21:56 66	21/11/2015 19:01 54	22/11/2015 12:06 63	22/11/2015 21:11 64	24/11/2015 22:16 63
16/11/2015 20:56 66	18/11/2015 22:01 66	21/11/2015 19:06 52	22/11/2015 12:11 61	22/11/2015 21:16 63	24/11/2015 22:21 65
16/11/2015 21:01 66	18/11/2015 22:06 65	21/11/2015 19:11 56	22/11/2015 12:16 60	22/11/2015 21:21 65	24/11/2015 22:26 65
16/11/2015 21:06 66	18/11/2015 22:11 66	21/11/2015 19:16 62	22/11/2015 12:21 59	22/11/2015 21:26 64	24/11/2015 22:31 65
16/11/2015 21:11 65	18/11/2015 22:16 64	21/11/2015 19:21 64	22/11/2015 12:26 61	22/11/2015 21:31 64	24/11/2015 22:36 65
16/11/2015 21:16 65	18/11/2015 22:21 65	21/11/2015 19:26 66	22/11/2015 12:31 60	22/11/2015 21:36 64	24/11/2015 22:41 65
16/11/2015 21:21 66	18/11/2015 22:26 65	21/11/2015 19:31 65	22/11/2015 12:36 63	22/11/2015 21:41 64	24/11/2015 22:46 65
16/11/2015 21:26 65	18/11/2015 22:31 65	21/11/2015 19:36 65	22/11/2015 12:41 61	22/11/2015 21:46 64	24/11/2015 22:51 63
16/11/2015 21:31 66	18/11/2015 22:36 65	21/11/2015 19:41 65	22/11/2015 12:46 64	22/11/2015 21:51 64	24/11/2015 22:56 63
16/11/2015 21:36 66	18/11/2015 22:41 65	21/11/2015 19:46 65	22/11/2015 12:51 62	22/11/2015 21:56 65	25/11/2015 19:01 65
16/11/2015 21:41 65	18/11/2015 22:46 65	21/11/2015 19:51 65	22/11/2015 12:56 66	22/11/2015 22:01 64	25/11/2015 19:06 65
16/11/2015 21:46 66	18/11/2015 22:51 65	21/11/2015 19:56 65	22/11/2015 13:01 64	22/11/2015 22:06 64	25/11/2015 19:11 65
16/11/2015 21:51 66	18/11/2015 22:56 64	21/11/2015 20:01 65	22/11/2015 13:06 65	22/11/2015 22:11 64	25/11/2015 19:16 66
16/11/2015 21:56 66	19/11/2015 19:01 64	21/11/2015 20:06 65	22/11/2015 13:11 64	22/11/2015 22:16 65	25/11/2015 19:21 65
16/11/2015 22:01 65	19/11/2015 19:06 67	21/11/2015 20:11 64	22/11/2015 13:16 63	22/11/2015 22:21 64	25/11/2015 19:26 65
16/11/2015 22:06 64	19/11/2015 19:11 67	21/11/2015 20:16 64	22/11/2015 13:21 65	22/11/2015 22:26 65	25/11/2015 19:31 65
16/11/2015 22:11 65	19/11/2015 19:16 65	21/11/2015 20:21 64	22/11/2015 13:26 63	22/11/2015 22:31 63	25/11/2015 19:36 66
16/11/2015 22:16 65	19/11/2015 19:21 67	21/11/2015 20:26 64	22/11/2015 13:31 64	22/11/2015 22:36 64	25/11/2015 19:41 66
16/11/2015 22:21 64	19/11/2015 19:26 67	21/11/2015 20:31 64	22/11/2015 13:36 65	22/11/2015 22:41 64	25/11/2015 19:46 66
16/11/2015 22:26 65	19/11/2015 19:31 67	21/11/2015 20:36 63	22/11/2015 13:41 66	22/11/2015 22:46 66	

Real-time Noise Data	RTN4 (Causeway Bay Community Centre)					
25/11/2015 22:06 65		29/10/2015 0:51 62	30/10/2015 1:56 55	31/10/2015 3:01 60	1/11/2015 4:06 61	
25/11/2015 22:11 65	Night time: 23:00-07:00	29/10/2015 0:56 61	30/10/2015 2:01 58	31/10/2015 3:06 61	1/11/2015 4:11 61	
25/11/2015 22:16 65		29/10/2015 1:01 60	30/10/2015 2:06 59	31/10/2015 3:11 61	1/11/2015 4:16 61	
25/11/2015 22:21 65	28/10/2015 0:01 63	29/10/2015 1:06 59	30/10/2015 2:11 57	31/10/2015 3:16 58	1/11/2015 4:21 63	
25/11/2015 22:26 66	28/10/2015 0:06 63	29/10/2015 1:11 59	30/10/2015 2:16 51	31/10/2015 3:21 61	1/11/2015 4:26 61	
25/11/2015 22:31 66	28/10/2015 0:11 62	29/10/2015 1:16 59	30/10/2015 2:21 52	31/10/2015 3:26 56	1/11/2015 4:31 60	
25/11/2015 22:36 65	28/10/2015 0:16 62	29/10/2015 1:21 60	30/10/2015 2:26 54	31/10/2015 3:31 58	1/11/2015 4:36 61	
25/11/2015 22:41 65	28/10/2015 0:21 62	29/10/2015 1:26 57	30/10/2015 2:31 53	31/10/2015 3:36 59	1/11/2015 4:41 60	
25/11/2015 22:46 66	28/10/2015 0:26 62	29/10/2015 1:31 65	30/10/2015 2:36 58	31/10/2015 3:41 58	1/11/2015 4:46 61	
25/11/2015 22:51 65	28/10/2015 0:31 61	29/10/2015 1:36 62	30/10/2015 2:41 54	31/10/2015 3:46 58	1/11/2015 4:51 61	
25/11/2015 22:56 64	28/10/2015 0:36 62	29/10/2015 1:41 60	30/10/2015 2:46 58	31/10/2015 3:51 57	1/11/2015 4:56 60	
26/11/2015 19:01 58	28/10/2015 0:41 62	29/10/2015 1:46 61	30/10/2015 2:51 52	31/10/2015 3:56 58	1/11/2015 5:01 60	
26/11/2015 19:06 62	28/10/2015 0:46 62	29/10/2015 1:51 59	30/10/2015 2:56 54	31/10/2015 4:01 57	1/11/2015 5:06 61	
26/11/2015 19:11 66	28/10/2015 0:51 59	29/10/2015 1:56 58	30/10/2015 3:01 51	31/10/2015 4:06 59	1/11/2015 5:11 61	
26/11/2015 19:16 66	28/10/2015 0:56 60	29/10/2015 2:01 61	30/10/2015 3:06 47	31/10/2015 4:11 57	1/11/2015 5:16 56	
26/11/2015 19:21 67	28/10/2015 1:01 62	29/10/2015 2:06 56	30/10/2015 3:11 61	31/10/2015 4:16 57	1/11/2015 5:21 63	
26/11/2015 19:26 67	28/10/2015 1:06 59	29/10/2015 2:11 54	30/10/2015 3:16 56	31/10/2015 4:21 58	1/11/2015 5:26 60	
26/11/2015 19:31 66	28/10/2015 1:11 59	29/10/2015 2:16 50	30/10/2015 3:21 55	31/10/2015 4:26 58	1/11/2015 5:31 61	
26/11/2015 19:36 67	28/10/2015 1:16 59	29/10/2015 2:21 56	30/10/2015 3:26 55	31/10/2015 4:31 57	1/11/2015 5:36 61	
26/11/2015 19:41 66	28/10/2015 1:21 57	29/10/2015 2:26 51	30/10/2015 3:31 61	31/10/2015 4:36 53	1/11/2015 5:41 61	
26/11/2015 19:46 68	28/10/2015 1:26 61	29/10/2015 2:31 56	30/10/2015 3:36 45	31/10/2015 4:41 56	1/11/2015 5:46 60	
26/11/2015 19:51 66	28/10/2015 1:31 60	29/10/2015 2:36 39	30/10/2015 3:41 60	31/10/2015 4:46 55	1/11/2015 5:51 61	
26/11/2015 19:56 66	28/10/2015 1:36 59	29/10/2015 2:41 49	30/10/2015 3:46 48	31/10/2015 4:51 55	1/11/2015 5:56 61	
26/11/2015 20:01 66	28/10/2015 1:41 58	29/10/2015 2:46 48	30/10/2015 3:51 61	31/10/2015 4:56 55	1/11/2015 6:01 62	
26/11/2015 20:06 66	28/10/2015 1:46 59	29/10/2015 2:51 51	30/10/2015 3:56 46	31/10/2015 5:01 54	1/11/2015 6:06 62	
26/11/2015 20:11 66	28/10/2015 1:51 61	29/10/2015 2:56 56	30/10/2015 4:01 47	31/10/2015 5:06 57	1/11/2015 6:11 62	
26/11/2015 20:16 65	28/10/2015 1:56 55	29/10/2015 3:01 56	30/10/2015 4:06 61	31/10/2015 5:11 55	1/11/2015 6:16 63	
26/11/2015 20:21 66	28/10/2015 2:01 56	29/10/2015 3:06 51	30/10/2015 4:11 53	31/10/2015 5:16 53	1/11/2015 6:21 64	
26/11/2015 20:26 66	28/10/2015 2:06 57	29/10/2015 3:11 56	30/10/2015 4:16 60	31/10/2015 5:21 59	1/11/2015 6:26 64	
26/11/2015 20:31 66	28/10/2015 2:11 55	29/10/2015 3:16 61	30/10/2015 4:21 52	31/10/2015 5:26 59	1/11/2015 6:31 64	
26/11/2015 20:36 65	28/10/2015 2:16 54	29/10/2015 3:21 52	30/10/2015 4:26 39	31/10/2015 5:31 58	1/11/2015 6:36 65	
26/11/2015 20:41 65	28/10/2015 2:21 56	29/10/2015 3:26 57	30/10/2015 4:31 61	31/10/2015 5:36 56	1/11/2015 6:41 66	
26/11/2015 20:46 66	28/10/2015 2:26 53	29/10/2015 3:31 57	30/10/2015 4:36 61	31/10/2015 5:41 57	1/11/2015 6:46 64	
26/11/2015 20:51 67	28/10/2015 2:31 60	29/10/2015 3:36 53	30/10/2015 4:41 60	31/10/2015 5:46 57	1/11/2015 6:51 63	
26/11/2015 20:56 66	28/10/2015 2:36 60	29/10/2015 3:41 60	30/10/2015 4:46 61	31/10/2015 5:51 59	1/11/2015 6:56 63	
26/11/2015 21:01 64	28/10/2015 2:41 54	29/10/2015 3:46 54	30/10/2015 4:51 61	31/10/2015 5:56 60	1/11/2015 7:01 65	
26/11/2015 21:06 64	28/10/2015 2:46 60	29/10/2015 3:51 53	30/10/2015 4:56 61	31/10/2015 6:01 58	1/11/2015 7:06 63	
26/11/2015 21:11 65	28/10/2015 2:51 56	29/10/2015 3:56 51	30/10/2015 5:01 55	31/10/2015 6:06 59	1/11/2015 7:11 64	
26/11/2015 21:16 67	28/10/2015 2:56 49	29/10/2015 4:01 60	30/10/2015 5:06 51	31/10/2015 6:11 60	1/11/2015 7:16 64	
26/11/2015 21:21 67	28/10/2015 3:01 51	29/10/2015 4:06 60	30/10/2015 5:11 55	31/10/2015 6:16 63	1/11/2015 7:21 64	
26/11/2015 21:26 65	28/10/2015 3:06 49	29/10/2015 4:11 51	30/10/2015 5:16 61	31/10/2015 6:21 62	1/11/2015 7:26 64	
26/11/2015 21:31 65	28/10/2015 3:11 48	29/10/2015 4:16 61	30/10/2015 5:21 54	31/10/2015 6:26 63	1/11/2015 7:31 64	
26/11/2015 21:36 66	28/10/2015 3:16 61	29/10/2015 4:21 55	30/10/2015 5:26 58	31/10/2015 6:31 64	1/11/2015 7:36 63	
26/11/2015 21:41 66	28/10/2015 3:21 60	29/10/2015 4:26 51	30/10/2015 5:31 54	31/10/2015 6:36 63	1/11/2015 7:41 64	
26/11/2015 21:46 66	28/10/2015 3:26 60	29/10/2015 4:31 46	30/10/2015 5:36 54	31/10/2015 6:41 63	1/11/2015 7:46 63	
26/11/2015 21:51 65	28/10/2015 3:31 60	29/10/2015 4:36 48	30/10/2015 5:41 57	31/10/2015 6:46 63	1/11/2015 7:51 62	
26/11/2015 21:56 65	28/10/2015 3:36 60	29/10/2015 4:41 54	30/10/2015 5:46 59	31/10/2015 6:51 64	1/11/2015 7:56 64	
26/11/2015 22:01 64	28/10/2015 3:41 60	29/10/2015 4:46 56	30/10/2015 5:51 60	31/10/2015 6:56 63	2/11/2015 0:01 64	
26/11/2015 22:06 65	28/10/2015 3:46 61	29/10/2015 4:51 60	30/10/2015 5:56 58	31/10/2015 7:01 65	2/11/2015 0:06 62	
26/11/2015 22:11 64	28/10/2015 3:51 59	29/10/2015 4:56 56	30/10/2015 6:01 58	31/10/2015 7:06 65	2/11/2015 0:11 62	
26/11/2015 22:16 65	28/10/2015 3:56 61	29/10/2015 5:01 61	30/10/2015 6:06 61	31/10/2015 7:11 62	2/11/2015 0:16 62	
26/11/2015 22:21 65	28/10/2015 4:01 59	29/10/2015 5:06 60	30/10/2015 6:11 62	31/10/2015 7:16 64	2/11/2015 0:21 61	
26/11/2015 22:26 64	28/10/2015 4:06 61	29/10/2015 5:11 46	30/10/2015 6:16 62	31/10/2015 7:21 65	2/11/2015 0:26 62	
26/11/2015 22:31 64	28/10/2015 4:11 60	29/10/2015 5:16 51	30/10/2015 6:21 63	31/10/2015 7:26 67	2/11/2015 0:31 61	
26/11/2015 22:36 65	28/10/2015 4:16 60	29/10/2015 5:21 61	30/10/2015 6:26 64	31/10/2015 7:31 66	2/11/2015 0:36 57	
26/11/2015 22:41 65	28/10/2015 4:21 43	29/10/2015 5:26 57	30/10/2015 6:31 65	31/10/2015 7:36 64	2/11/2015 0:41 60	
26/11/2015 22:46 65	28/10/2015 4:26 51	29/10/2015 5:31 53	30/10/2015 6:36 65	31/10/2015 7:41 64	2/11/2015 0:46 60	
26/11/2015 22:51 66	28/10/2015 4:31 60	29/10/2015 5:36 60	30/10/2015 6:41 66	31/10/2015 7:46 65	2/11/2015 0:51 59	
26/11/2015 22:56 64	28/10/2015 4:36 60	29/10/2015 5:41 60	30/10/2015 6:46 65	31/10/2015 7:51 65	2/11/2015 0:56 61	
27/11/2015 19:01 69	28/10/2015 4:41 46	29/10/2015 5:46 60	30/10/2015 6:51 65	31/10/2015 7:56 65	2/11/2015 1:01 61	
27/11/2015 19:06 71	28/10/2015 4:46 61	29/10/2015 5:51 60	30/10/2015 6:56 65	1/11/2015 0:01 64	2/11/2015 1:06 60	
27/11/2015 19:11 70	28/10/2015 4:51 60	29/10/2015 5:56 60	30/10/2015 7:01 65	1/11/2015 0:06 65	2/11/2015 1:11 57	
27/11/2015 19:16 70	28/10/2015 4:56 46	29/10/2015 6:01 61	30/10/2015 7:06 64	1/11/2015 0:11 65	2/11/2015 1:16 54	
27/11/2015 19:21 69	28/10/2015 5:01 48	29/10/2015 6:06 62	30/10/2015 7:11 65	1/11/2015 0:16 64	2/11/2015 1:21 59	
27/11/2015 19:26 54	28/10/2015 5:06 52	29/10/2015 6:11 63	30/10/2015 7:16 65	1/11/2015 0:21 63	2/11/2015 1:26 55	
27/11/2015 19:31 67	28/10/2015 5:11 60	29/10/2015 6:16 64	30/10/2015 7:21 65	1/11/2015 0:26 65	2/11/2015 1:31 59	
27/11/2015 19:36 70	28/10/2015 5:16 60	29/10/2015 6:21 64	30/10/2015 7:26 65	1/11/2015 0:31 62	2/11/2015 1:36 55	
27/11/2015 19:41 67	28/10/2015 5:21 54	29/10/2015 6:26 64	30/10/2015 7:31 64	1/11/2015 0:36 63	2/11/2015 1:41 57	
27/11/2015 19:46 53	28/10/2015 5:26 51	29/10/2015 6:31 65	30/10/2015 7:36 65	1/11/2015 0:41 63	2/11/2015 1:46 57	
27/11/2015 19:51 58	28/10/2015 5:31 46	29/10/2015 6:36 65	30/10/2015 7:41 64	1/11/2015 0:46 64	2/11/2015 1:51 56	
27/11/2015 19:56 63	28/10/2015 5:36 55	29/10/2015 6:41 66	30/10/2015 7:46 64	1/11/2015 0:51 63	2/11/2015 1:56 51	
27/11/2015 20:01 60	28/10/2015 5:41 59	29/10/2015 6:46 66	30/10/2015 7:51 63	1/11/2015 0:56 63	2/11/2015 2:01 52	
27/11/2015 20:06 61	28/10/2015 5:46 55	29/10/2015 6:51 67	30/10/2015 7:56 64	1/11/2015 1:01 63	2/11/2015 2:06 55	
27/11/2015 20:11 58	28/10/2015 5:51 56	29/10/2015 6:56 65	31/10/2015 0:01 64	1/11/2015 1:06 64	2/11/2015 2:11 60	
27/11/2015 20:16 65	28/10/2015 5:56 61	29/10/2015 7:01 64	31/10/2015 0:06 63	1/11/2015 1:11 64	2/11/2015 2:16 56	
27/11/2015 20:21 65	28/10/2015 6:01 58	29/10/2015 7:06 64	31/10/2015 0:11 64	1/11/2015 1:16 63	2/11/2015 2:21 60	
27/11/2015 20:26 64	28/10/2015 6:06 60	29/10/2015 7:11 65	31/10/2015 0:16 64	1/11/2015 1:21 63	2/11/2015 2:26 61	
27/11/2015 20:31 66	28/10/2015 6:11 63	29/10/2015 7:16 64	31/10/2015 0:21 64	1/11/2015 1:26 63	2/11/2015 2:31 61	
27/11/2015 20:36 66	28/10/2015 6:16 64	29/10/2015 7:21 65	31/10/2015 0:26 63	1/11/2015 1:31 61	2/11/2015 2:36 59	
27/11/2015 20						

Real-time Noise Data		RTN4 (Causeway Bay Community Centre)									
2/11/2015 5:11	55	3/11/2015 6:16	64	4/11/2015 23:21	66	6/11/2015 0:26	63	7/11/2015 1:31	63	8/11/2015 2:36	63
2/11/2015 5:16	51	3/11/2015 6:21	64	4/11/2015 23:26	65	6/11/2015 0:31	64	7/11/2015 1:36	63	8/11/2015 2:41	62
2/11/2015 5:21	58	3/11/2015 6:26	65	4/11/2015 23:31	65	6/11/2015 0:36	63	7/11/2015 1:41	63	8/11/2015 2:46	62
2/11/2015 5:26	57	3/11/2015 6:31	65	4/11/2015 23:36	65	6/11/2015 0:41	63	7/11/2015 1:46	62	8/11/2015 2:51	61
2/11/2015 5:31	56	3/11/2015 6:36	65	4/11/2015 23:41	65	6/11/2015 0:46	64	7/11/2015 1:51	63	8/11/2015 2:56	60
2/11/2015 5:36	61	3/11/2015 6:41	66	4/11/2015 23:46	64	6/11/2015 0:51	62	7/11/2015 1:56	64	8/11/2015 3:01	61
2/11/2015 5:41	60	3/11/2015 6:46	66	4/11/2015 23:51	65	6/11/2015 0:56	62	7/11/2015 2:01	62	8/11/2015 3:06	60
2/11/2015 5:46	59	3/11/2015 6:51	66	4/11/2015 23:56	65	6/11/2015 1:01	62	7/11/2015 2:06	62	8/11/2015 3:11	62
2/11/2015 5:51	60	3/11/2015 6:56	66	5/11/2015 0:01	64	6/11/2015 1:06	61	7/11/2015 2:11	63	8/11/2015 3:16	62
2/11/2015 5:56	62	3/11/2015 23:01	65	5/11/2015 0:06	64	6/11/2015 1:11	61	7/11/2015 2:16	63	8/11/2015 3:21	60
2/11/2015 6:01	58	3/11/2015 23:06	67	5/11/2015 0:11	64	6/11/2015 1:16	62	7/11/2015 2:21	64	8/11/2015 3:26	57
2/11/2015 6:06	62	3/11/2015 23:11	66	5/11/2015 0:16	63	6/11/2015 1:21	61	7/11/2015 2:26	63	8/11/2015 3:31	62
2/11/2015 6:11	62	3/11/2015 23:16	65	5/11/2015 0:21	62	6/11/2015 1:26	62	7/11/2015 2:31	65	8/11/2015 3:36	59
2/11/2015 6:16	64	3/11/2015 23:21	65	5/11/2015 0:26	64	6/11/2015 1:31	60	7/11/2015 2:36	61	8/11/2015 3:41	59
2/11/2015 6:21	64	3/11/2015 23:26	66	5/11/2015 0:31	63	6/11/2015 1:36	62	7/11/2015 2:41	62	8/11/2015 3:46	62
2/11/2015 6:26	65	3/11/2015 23:31	65	5/11/2015 0:36	63	6/11/2015 1:41	60	7/11/2015 2:46	62	8/11/2015 3:51	60
2/11/2015 6:31	65	3/11/2015 23:36	64	5/11/2015 0:41	62	6/11/2015 1:46	60	7/11/2015 2:51	62	8/11/2015 3:56	59
2/11/2015 6:36	66	3/11/2015 23:41	64	5/11/2015 0:46	60	6/11/2015 1:51	61	7/11/2015 2:56	60	8/11/2015 4:01	61
2/11/2015 6:41	67	3/11/2015 23:46	64	5/11/2015 0:51	64	6/11/2015 1:56	60	7/11/2015 3:01	61	8/11/2015 4:06	56
2/11/2015 6:46	67	3/11/2015 23:51	64	5/11/2015 0:56	61	6/11/2015 2:01	59	7/11/2015 3:06	61	8/11/2015 4:11	58
2/11/2015 6:51	66	3/11/2015 23:56	64	5/11/2015 1:01	61	6/11/2015 2:06	59	7/11/2015 3:11	60	8/11/2015 4:16	55
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2/11/2015 23:31	65	4/11/2015 0:36	63	5/11/2015 1:41	59	6/11/2015 2:46	59	7/11/2015 3:51	60	8/11/2015 4:56	50
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2/11/2015 23:41	63	4/11/2015 0:46	62	5/11/2015 1:51	61	6/11/2015 2:56	57	7/11/2015 4:01	59	8/11/2015 5:06	56
2/11/2015 23:46	63	4/11/2015 0:51	62	5/11/2015 1:56	59	6/11/2015 3:01	57	7/11/2015 4:06	58	8/11/2015 5:11	48
2/11/2015 23:51	62	4/11/2015 0:56	61	5/11/2015 2:01	61	6/11/2015 3:06	56	7/11/2015 4:11	60	8/11/2015 5:16	55
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3/11/2015 3:01	60	4/11/2015 4:06	50	5/11/2015 5:11	54	6/11/2015 6:16	64	7/11/2015 23:21	65	9/11/2015 0:26	62
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3/11/2015 3:16	60	4/11/2015 4:21	57	5/11/2015 5:26	58	6/11/2015 6:31	65	7/11/2015 23:36	65	9/11/2015 0:41	62
3/11/2015 3:21	60	4/11/2015 4:26	61	5/11/2015 5:31	58	6/11/2015 6:36	66	7/11/2015 23:41	66	9/11/2015 0:46	60
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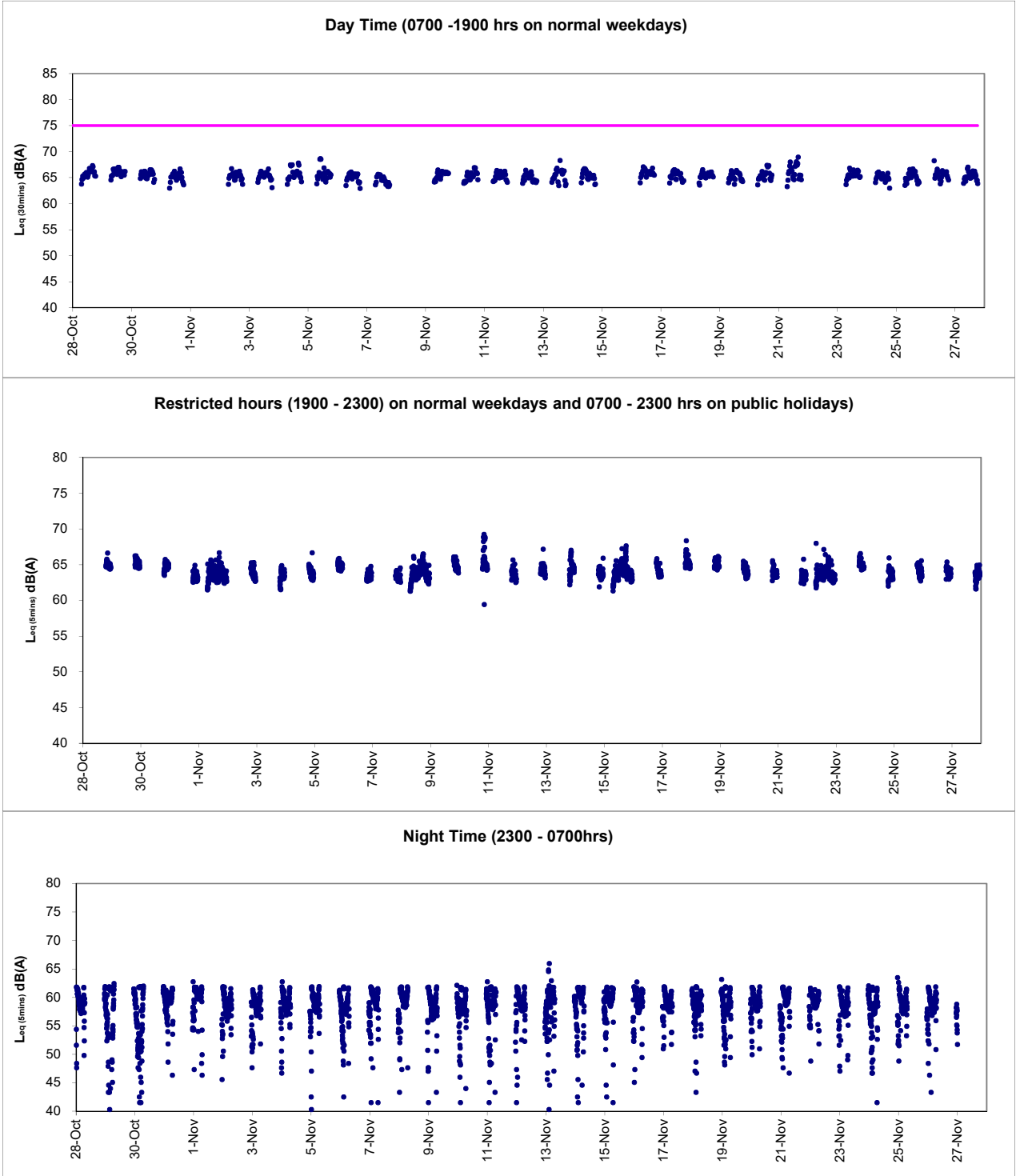
Real-time Noise Data		RTN4 (Causeway Bay Community Centre)									
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9/11/2015 3:46	60	10/11/2015 4:51	55	11/11/2015 5:56	63	12/11/2015 23:01	66	14/11/2015 0:06	67	15/11/2015 1:11	66
9/11/2015 3:51	60	10/11/2015 4:56	56	11/11/2015 6:01	63	12/11/2015 23:06	65	14/11/2015 0:11	67	15/11/2015 1:16	64
9/11/2015 3:56	61	10/11/2015 5:01	57	11/11/2015 6:06	64	12/11/2015 23:11	65	14/11/2015 0:16	66	15/11/2015 1:21	64
9/11/2015 4:01	59	10/11/2015 5:06	55	11/11/2015 6:11	65	12/11/2015 23:16	65	14/11/2015 0:21	66	15/11/2015 1:26	65
9/11/2015 4:06	61	10/11/2015 5:11	51	11/11/2015 6:16	65	12/11/2015 23:21	65	14/11/2015 0:26	65	15/11/2015 1:31	64
9/11/2015 4:11	52	10/11/2015 5:16	55	11/11/2015 6:21	66	12/11/2015 23:26	65	14/11/2015 0:31	67	15/11/2015 1:36	64
9/11/2015 4:16	56	10/11/2015 5:21	58	11/11/2015 6:26	66	12/11/2015 23:31	66	14/11/2015 0:36	67	15/11/2015 1:41	65
9/11/2015 4:21	53	10/11/2015 5:26	61	11/11/2015 6:31	66	12/11/2015 23:36	66	14/11/2015 0:41	66	15/11/2015 1:46	66
9/11/2015 4:26	60	10/11/2015 5:31	59	11/11/2015 6:36	67	12/11/2015 23:41	66	14/11/2015 0:46	66	15/11/2015 1:51	64
9/11/2015 4:31	48	10/11/2015 5:36	61	11/11/2015 6:41	67	12/11/2015 23:46	65	14/11/2015 0:51	66	15/11/2015 1:56	63
9/11/2015 4:36	49	10/11/2015 5:41	62	11/11/2015 6:46	68	12/11/2015 23:51	65	14/11/2015 0:56	65	15/11/2015 2:01	64
9/11/2015 4:41	53	10/11/2015 5:46	62	11/11/2015 6:51	68	12/11/2015 23:56	66	14/11/2015 1:01	66	15/11/2015 2:06	63
9/11/2015 4:46	51	10/11/2015 5:51	61	11/11/2015 6:56	67	13/11/2015 0:01	66	14/11/2015 1:06	66	15/11/2015 2:11	62
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9/11/2015 5:26	58	10/11/2015 6:31	67	11/11/2015 23:36	66	13/11/2015 0:41	64	14/11/2015 1:46	66	15/11/2015 2:51	62
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9/11/2015 6:01	64	10/11/2015 23:06	66	12/11/2015 0:11	63	13/11/2015 1:16	63	14/11/2015 2:21	64	15/11/2015 3:26	62
9/11/2015 6:06	64	10/11/2015 23:11	65	12/11/2015 0:16	63	13/11/2015 1:21	63	14/11/2015 2:26	65	15/11/2015 3:31	61
9/11/2015 6:11	64	10/11/2015 23:16	65	12/11/2015 0:21	63	13/11/2015 1:26	63	14/11/2015 2:31	64	15/11/2015 3:36	62
9/11/2015 6:16	65	10/11/2015 23:21	65	12/11/2015 0:26	64	13/11/2015 1:31	62	14/11/2015 2:36	64	15/11/2015 3:41	60
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9/11/2015 6:26	66	10/11/2015 23:31	65	12/11/2015 0:36	64	13/11/2015 1:41	65	14/11/2015 2:46	63	15/11/2015 3:51	59
9/11/2015 6:31	66	10/11/2015 23:36	65	12/11/2015 0:41	64	13/11/2015 1:46	63	14/11/2015 2:51	65	15/11/2015 3:56	62
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10/11/2015 0:46	63	11/11/2015 1:51	61	12/11/2015 2:56	41	13/11/2015 4:01	64	14/11/2015 5:06	62	15/11/2015 6:11	63
10/11/2015 0:51	63	11/11/2015 1:56	58	12/11/2015 3:01	58	13/11/2015 4:06	63	14/11/2015 5:11	60	15/11/2015 6:16	64
10/11/2015 0:56	58	11/11/2015 2:01	58	12/11/2015 3:06	56	13/11/2015 4:11	62	14/11/2015 5:16	60	15/11/2015 6:21	64
10/11/2015 1:01	60	11/11/2015 2:06	60	12/11/2015 3:11	59	13/11/2015 4:16	66	14/11/2015 5:21	63	15/11/2015 6:26	64
10/11/2015 1:06	62	11/11/2015 2:11	60	12/11/2015 3:16	58	13/11/2015 4:21	63	14/11/2015 5:26	64	15/11/2015 6:31	65
10/11/2015 1:11	60	11/11/2015 2:16	58	12/11/2015 3:21	55	13/11/2015 4:26	63	14/11/2015 5:31	63	15/11/2015 6:36	65
10/11/2015 1:16	60	11/11/2015 2:21	61	12/11/2015 3:26	61	13/11/2015 4:31	62	14/11/2015 5:36	62	15/11/2015 6:41	65
10/11/2015 1:21	60	11/11/2015 2:26	59	12/11/2015 3:31	54	13/11/2015 4:36	60	14/11/2015 5:41	63	15/11/2015 6:46	64
10/11/2015 1:26	60	11/11/2015 2:31	59	12/11/2015 3:36	52	13/11/2015 4:41	58	14/11/2015 5:46	63	15/11/2015 6:51	65
10/11/2015 1:31	59	11/11/2015 2:36	56	12/11/2015 3:41	50	13/11/2015 4:46	59	14/11/2015 5:51	63	15/11/2015 6:56	65
10/11/2015 1:36	59	11/11/2015 2:41	58	12/11/2015 3:46	58	13/11/2015 4:51	59	14/11/2015 5:56	63	15/11/2015 23:01	65
10/11/2015 1:41	58	11/11/2015 2:46	59	12/11/2015 3:51	49	13/11/2015 4:56	58	14/11/2015 6:01	63	15/11/2015 23:06	66
10/11/2015 1:46	59	11/11/2015 2:51	58	12/11/2015 3:56	58	13/11/2					

Real-time Noise Data	RTN4 (Causeway Bay Community Centre)				
16/11/2015 2:11 61	17/11/2015 3:16 57	18/11/2015 4:21 52	19/11/2015 5:26 57	20/11/2015 6:31 66	21/11/2015 23:36 65
16/11/2015 2:16 61	17/11/2015 3:21 48	18/11/2015 4:26 54	19/11/2015 5:31 60	20/11/2015 6:36 66	21/11/2015 23:41 65
16/11/2015 2:21 58	17/11/2015 3:26 56	18/11/2015 4:31 52	19/11/2015 5:36 61	20/11/2015 6:41 66	21/11/2015 23:46 66
16/11/2015 2:26 57	17/11/2015 3:31 56	18/11/2015 4:36 61	19/11/2015 5:41 61	20/11/2015 6:46 67	21/11/2015 23:51 66
16/11/2015 2:31 58	17/11/2015 3:36 60	18/11/2015 4:41 60	19/11/2015 5:46 63	20/11/2015 6:51 67	21/11/2015 23:56 65
16/11/2015 2:36 59	17/11/2015 3:41 56	18/11/2015 4:46 58	19/11/2015 5:51 62	20/11/2015 6:56 67	22/11/2015 0:01 65
16/11/2015 2:41 61	17/11/2015 3:46 58	18/11/2015 4:51 60	19/11/2015 5:56 61	20/11/2015 7:01 66	22/11/2015 0:06 65
16/11/2015 2:46 58	17/11/2015 3:51 55	18/11/2015 4:56 61	19/11/2015 6:01 62	20/11/2015 7:06 67	22/11/2015 0:11 65
16/11/2015 2:51 54	17/11/2015 3:56 55	18/11/2015 5:01 59	19/11/2015 6:06 63	20/11/2015 7:11 66	22/11/2015 0:16 64
16/11/2015 2:56 54	17/11/2015 4:01 60	18/11/2015 5:06 58	19/11/2015 6:11 64	20/11/2015 7:16 66	22/11/2015 0:21 64
16/11/2015 3:01 54	17/11/2015 4:06 56	18/11/2015 5:11 57	19/11/2015 6:16 63	20/11/2015 7:21 66	22/11/2015 0:26 64
16/11/2015 3:06 52	17/11/2015 4:11 48	18/11/2015 5:16 56	19/11/2015 6:21 64	20/11/2015 7:26 66	22/11/2015 0:31 64
16/11/2015 3:11 61	17/11/2015 4:16 55	18/11/2015 5:21 55	19/11/2015 6:26 65	20/11/2015 7:31 65	22/11/2015 0:36 64
16/11/2015 3:16 57	17/11/2015 4:21 55	18/11/2015 5:26 60	19/11/2015 6:31 66	20/11/2015 7:36 66	22/11/2015 0:41 65
16/11/2015 3:21 56	17/11/2015 4:26 60	18/11/2015 5:31 59	19/11/2015 6:36 67	20/11/2015 7:41 66	22/11/2015 0:46 64
16/11/2015 3:26 54	17/11/2015 4:31 55	18/11/2015 5:36 61	19/11/2015 6:41 67	20/11/2015 7:46 66	22/11/2015 0:51 64
16/11/2015 3:31 51	17/11/2015 4:36 61	18/11/2015 5:41 61	19/11/2015 6:46 67	20/11/2015 7:51 65	22/11/2015 0:56 62
16/11/2015 3:36 57	17/11/2015 4:41 55	18/11/2015 5:46 61	19/11/2015 6:51 67	20/11/2015 7:56 65	22/11/2015 1:01 63
16/11/2015 3:41 53	17/11/2015 4:46 55	18/11/2015 5:51 64	19/11/2015 6:56 67	20/11/2015 8:01 66	22/11/2015 1:06 63
16/11/2015 3:46 61	17/11/2015 4:51 51	18/11/2015 5:56 61	19/11/2015 7:01 66	20/11/2015 8:06 66	22/11/2015 1:11 64
16/11/2015 3:51 51	17/11/2015 4:56 58	18/11/2015 6:01 61	19/11/2015 7:06 66	20/11/2015 8:11 65	22/11/2015 1:16 63
16/11/2015 3:56 58	17/11/2015 5:01 59	18/11/2015 6:06 65	19/11/2015 7:11 66	20/11/2015 8:16 66	22/11/2015 1:21 63
16/11/2015 4:01 48	17/11/2015 5:06 61	18/11/2015 6:11 63	19/11/2015 7:16 65	20/11/2015 8:21 66	22/11/2015 1:26 63
16/11/2015 4:06 53	17/11/2015 5:11 58	18/11/2015 6:16 64	19/11/2015 7:21 65	20/11/2015 8:26 65	22/11/2015 1:31 63
16/11/2015 4:11 56	17/11/2015 5:16 56	18/11/2015 6:21 65	19/11/2015 7:26 66	20/11/2015 8:31 66	22/11/2015 1:36 62
16/11/2015 4:16 54	17/11/2015 5:21 59	18/11/2015 6:26 66	19/11/2015 7:31 66	20/11/2015 8:36 65	22/11/2015 1:41 63
16/11/2015 4:21 61	17/11/2015 5:26 56	18/11/2015 6:31 67	19/11/2015 7:36 65	20/11/2015 8:41 66	22/11/2015 1:46 63
16/11/2015 4:26 56	17/11/2015 5:31 61	18/11/2015 6:36 67	19/11/2015 7:41 66	20/11/2015 8:46 65	22/11/2015 1:51 62
16/11/2015 4:31 60	17/11/2015 5:36 60	18/11/2015 6:41 67	19/11/2015 7:46 65	20/11/2015 8:51 65	22/11/2015 1:56 61
16/11/2015 4:36 52	17/11/2015 5:41 62	18/11/2015 6:46 67	19/11/2015 7:51 65	20/11/2015 8:56 66	22/11/2015 2:01 62
16/11/2015 4:41 59	17/11/2015 5:46 63	18/11/2015 6:51 67	19/11/2015 7:56 65	20/11/2015 9:01 65	22/11/2015 2:06 60
16/11/2015 4:46 60	17/11/2015 5:51 62	18/11/2015 6:56 68	20/11/2015 0:01 65	21/11/2015 1:06 64	22/11/2015 2:11 61
16/11/2015 4:51 58	17/11/2015 5:56 63	18/11/2015 7:01 67	20/11/2015 0:06 63	21/11/2015 1:11 65	22/11/2015 2:16 62
16/11/2015 4:56 58	17/11/2015 6:01 62	18/11/2015 7:06 66	20/11/2015 0:11 64	21/11/2015 1:16 65	22/11/2015 2:21 61
16/11/2015 5:01 56	17/11/2015 6:06 63	18/11/2015 7:11 66	20/11/2015 0:16 65	21/11/2015 1:21 64	22/11/2015 2:26 60
16/11/2015 5:06 60	17/11/2015 6:11 63	18/11/2015 7:16 66	20/11/2015 0:21 65	21/11/2015 1:26 65	22/11/2015 2:31 61
16/11/2015 5:11 59	17/11/2015 6:16 64	18/11/2015 7:21 67	20/11/2015 0:26 66	21/11/2015 1:31 63	22/11/2015 2:36 61
16/11/2015 5:16 57	17/11/2015 6:21 66	18/11/2015 7:26 66	20/11/2015 0:31 63	21/11/2015 1:36 64	22/11/2015 2:41 61
16/11/2015 5:21 61	17/11/2015 6:26 66	18/11/2015 7:31 66	20/11/2015 0:36 64	21/11/2015 1:41 64	22/11/2015 2:46 60
16/11/2015 5:26 58	17/11/2015 6:31 67	18/11/2015 7:36 66	20/11/2015 0:41 64	21/11/2015 1:46 64	22/11/2015 2:51 62
16/11/2015 5:31 61	17/11/2015 6:36 67	18/11/2015 7:41 66	20/11/2015 0:46 63	21/11/2015 1:51 63	22/11/2015 2:56 61
16/11/2015 5:36 63	17/11/2015 6:41 68	18/11/2015 7:46 65	20/11/2015 0:51 62	21/11/2015 1:56 64	22/11/2015 3:01 59
16/11/2015 5:41 63	17/11/2015 6:46 68	18/11/2015 7:51 65	20/11/2015 0:56 63	21/11/2015 2:01 64	22/11/2015 3:06 61
16/11/2015 5:46 62	17/11/2015 6:51 67	18/11/2015 7:56 65	20/11/2015 1:01 63	21/11/2015 2:06 63	22/11/2015 3:11 60
16/11/2015 5:51 63	17/11/2015 6:56 66	19/11/2015 0:01 66	20/11/2015 1:06 62	21/11/2015 2:11 64	22/11/2015 3:16 62
16/11/2015 5:56 64	17/11/2015 7:01 65	19/11/2015 0:06 64	20/11/2015 1:11 61	21/11/2015 2:16 63	22/11/2015 3:21 58
16/11/2015 6:01 62	17/11/2015 7:06 66	19/11/2015 0:11 65	20/11/2015 1:16 61	21/11/2015 2:21 63	22/11/2015 3:26 59
16/11/2015 6:06 64	17/11/2015 7:11 66	19/11/2015 0:16 65	20/11/2015 1:21 63	21/11/2015 2:26 63	22/11/2015 3:31 62
16/11/2015 6:11 64	17/11/2015 7:16 66	19/11/2015 0:21 65	20/11/2015 1:26 62	21/11/2015 2:31 63	22/11/2015 3:36 62
16/11/2015 6:16 66	17/11/2015 7:21 66	19/11/2015 0:26 65	20/11/2015 1:31 59	21/11/2015 2:36 63	22/11/2015 3:41 59
16/11/2015 6:21 66	17/11/2015 7:26 66	19/11/2015 0:31 64	20/11/2015 1:36 63	21/11/2015 2:41 63	22/11/2015 3:46 60
16/11/2015 6:26 67	17/11/2015 7:31 65	19/11/2015 0:36 64	20/11/2015 1:41 60	21/11/2015 2:46 62	22/11/2015 3:51 61
16/11/2015 6:31 66	17/11/2015 7:36 65	19/11/2015 0:41 64	20/11/2015 1:46 60	21/11/2015 2:51 63	22/11/2015 3:56 60
16/11/2015 6:36 67	17/11/2015 7:41 66	19/11/2015 0:46 63	20/11/2015 1:51 60	21/11/2015 2:56 62	22/11/2015 4:01 60
16/11/2015 6:41 67	17/11/2015 7:46 64	19/11/2015 0:51 63	20/11/2015 1:56 60	21/11/2015 3:01 62	22/11/2015 4:06 59
16/11/2015 6:46 67	17/11/2015 7:51 65	19/11/2015 0:56 63	20/11/2015 2:01 60	21/11/2015 3:06 62	22/11/2015 4:11 58
16/11/2015 6:51 68	17/11/2015 7:56 64	19/11/2015 1:01 63	20/11/2015 2:06 62	21/11/2015 3:11 60	22/11/2015 4:16 60
16/11/2015 6:56 68	18/11/2015 0:01 66	19/11/2015 1:06 62	20/11/2015 2:11 61	21/11/2015 3:16 61	22/11/2015 4:21 60
16/11/2015 7:01 66	18/11/2015 0:06 64	19/11/2015 1:11 62	20/11/2015 2:16 60	21/11/2015 3:21 61	22/11/2015 4:26 60
16/11/2015 7:06 66	18/11/2015 0:11 65	19/11/2015 1:16 61	20/11/2015 2:21 59	21/11/2015 3:26 60	22/11/2015 4:31 59
16/11/2015 7:11 65	18/11/2015 0:16 64	19/11/2015 1:21 63	20/11/2015 2:26 61	21/11/2015 3:31 61	22/11/2015 4:36 59
16/11/2015 7:16 66	18/11/2015 0:21 64	19/11/2015 1:26 64	20/11/2015 2:31 60	21/11/2015 3:36 62	22/11/2015 4:41 61
16/11/2015 7:21 65	18/11/2015 0:26 65	19/11/2015 1:31 63	20/11/2015 2:36 60	21/11/2015 3:41 59	22/11/2015 4:46 58
16/11/2015 7:26 66	18/11/2015 0:31 64	19/11/2015 1:36 63	20/11/2015 2:41 58	21/11/2015 3:46 61	22/11/2015 4:51 55
16/11/2015 7:31 65	18/11/2015 0:36 62	19/11/2015 1:41 61	20/11/2015 2:46 59	21/11/2015 3:51 62	22/11/2015 4:56 59
16/11/2015 7:36 65	18/11/2015 0:41 64	19/11/2015 1:46 60	20/11/2015 2:51 58	21/11/2015 3:56 60	22/11/2015 5:01 59
16/11/2015 7:41 66	18/11/2015 0:46 61	19/11/2015 1:51 62	20/11/2015 2:56 59	21/11/2015 4:01 59	22/11/2015 5:06 59
16/11/2015 7:46 65	18/11/2015 0:51 63	19/11/2015 1:56 60	20/11/2015 3:01 61	21/11/2015 4:06 61	22/11/2015 5:11 56
16/11/2015 7:51 65	18/11/2015 0:56 63	19/11/2015 2:01 60	20/11/2015 3:06 38	21/11/2015 4:11 60	22/11/2015 5:16 59
16/11/2015 7:56 64	18/11/2015 1:01 62	19/11/2015 2:06 54	20/11/2015 3:11 54	21/11/2015 4:16 61	22/11/2015 5:21 60
17/11/2015 0:01 64	18/11/2015 1:06 61	19/11/2015 2:11 61	20/11/2015 3:16 58	21/11/2015 4:21 62	22/11/2015 5:26 61
17/11/2015 0:06 65	18/11/2015 1:11 62	19/11/2015 2:16 60	20/11/2015 3:21 56	21/11/2015 4:26 60	22/11/2015 5:31 58
17/11/2015 0:11 65	18/11/2015 1:16 62	19/11/2015 2:21 60	20/11/2015 3:26 58	21/11/2015 4:31 62	22/11/2015 5:36 62
17/11/2015 0:16 64	18/11/2015 1:21 63	19/11/2015 2:26 58	20/11/2015 3:31 42	21/11/2015 4:36 61	22/11/2015 5:41 62
17/11/2015 0:21 63	18/11/2015 1:26 61	19/11/2015 2:31 57	20/11/2015 3:36 60	21/11/2015 4:41 59	22/11/2015 5:46 62
17/11/2015 0:26 64	18/11/2015 1:31 60	19/11/2015 2:36 59	20/11/2015 3:41 57	21/11/2015 4:46 60	22/11/2015 5:51 62
17/11/2015 0:31 64	18/11/2015 1:36 61	19/11/2015 2:41 56	20/11/2015 3:46 54	21/11/2015 4:51 61	22/11/2015 5:56 61
17/11/2015 0:36 61	18/11/2015 1:41 58	19/11/2015 2:46 58	20/11/2015 3:51 58	21/11/2015 4:56 60	22/11/2015 6:01 61
17/11/2015 0:41 64	18/11/2015 1:46 62	19/11/2015 2:51 60	20/11/2015 3:56 58	21/11/2015 5:01 56	22/11/2015 6:06 62
17/11/2015 0:46 64	18/11/2015 1:51 61	19/11/2015 2:56 56	20/11/2015 4:01 47	21/11/2015 5:06 56	22/11/2015 6:11 65
17/11/2015 0:51 64	18/11/2015 1:56 62	19/11/2015 3:01 57	20/11/2015 4:06 56	21/11/2015 5:11 62	22/11/2015 6:16 64
17/11/2015 0:56 63	18/11/2015 2:01 61	19/11/2015 3:06 58	20/11/2015 4:11 57	21/11/2015 5:16 59	22/11/2015 6:21 64
17/11/2015 1:01 63	18/11/2015 2:06 61	19/11/2015 3:11 55	20/11/2015 4:16 53	21/11/2015 5:21 61	22/11/2015 6:26 63
17/11/2015 1:06 62	18/11/2015 2:11 61	19/11/2015 3:16 56	20/11/2015 4:21 56	21/11/2015 5:26 60	22/11/2015 6:31 65
17/11/2015 1:11 62	18/11/2015 2:16 56	19/11/2015 3:21 55	20/11/2015 4:26 52	21/11/2015 5:31 60	22/11/2015 6:36 64
17/11/2015 1:16 62	18/11/2015 2:21 56	19/11/2015 3:26 61	20/11/2015 4:31 59	21/11/2015 5:36 62	22/11/2015 6:41 65

Real-time Noise Data	RTN4 (Causeway Bay Community Centre)				
23/11/2015 0:41	64	24/11/2015 1:46	61	25/11/2015 2:51	58
23/11/2015 0:46	62	24/11/2015 1:51	60	25/11/2015 2:56	58
23/11/2015 0:51	61	24/11/2015 1:56	59	25/11/2015 3:01	58
23/11/2015 0:56	60	24/11/2015 2:01	61	25/11/2015 3:06	56
23/11/2015 1:01	62	24/11/2015 2:06	56	25/11/2015 3:11	53
23/11/2015 1:06	60	24/11/2015 2:11	57	25/11/2015 3:16	56
23/11/2015 1:11	61	24/11/2015 2:16	56	25/11/2015 3:21	53
23/11/2015 1:16	61	24/11/2015 2:21	58	25/11/2015 3:26	58
23/11/2015 1:21	61	24/11/2015 2:26	59	25/11/2015 3:31	60
23/11/2015 1:26	61	24/11/2015 2:31	52	25/11/2015 3:36	57
23/11/2015 1:31	61	24/11/2015 2:36	55	25/11/2015 3:41	51
23/11/2015 1:36	61	24/11/2015 2:41	57	25/11/2015 3:46	55
23/11/2015 1:41	59	24/11/2015 2:46	60	25/11/2015 3:51	51
23/11/2015 1:46	59	24/11/2015 2:51	51	25/11/2015 3:56	50
23/11/2015 1:51	57	24/11/2015 2:56	56	25/11/2015 4:01	61
23/11/2015 1:56	59	24/11/2015 3:01	57	25/11/2015 4:06	51
23/11/2015 2:01	57	24/11/2015 3:06	57	25/11/2015 4:11	55
23/11/2015 2:06	58	24/11/2015 3:11	56	25/11/2015 4:16	59
23/11/2015 2:11	62	24/11/2015 3:16	61	25/11/2015 4:21	55
23/11/2015 2:16	57	24/11/2015 3:21	46	25/11/2015 4:26	61
23/11/2015 2:21	59	24/11/2015 3:26	51	25/11/2015 4:31	60
23/11/2015 2:26	55	24/11/2015 3:31	54	25/11/2015 4:36	58
23/11/2015 2:31	52	24/11/2015 3:36	50	25/11/2015 4:41	57
23/11/2015 2:36	39	24/11/2015 3:41	53	25/11/2015 4:46	52
23/11/2015 2:41	54	24/11/2015 3:46	60	25/11/2015 4:51	53
23/11/2015 2:46	61	24/11/2015 3:51	58	25/11/2015 4:56	61
23/11/2015 2:51	48	24/11/2015 3:56	56	25/11/2015 5:01	55
23/11/2015 2:56	61	24/11/2015 4:01	51	25/11/2015 5:06	61
23/11/2015 3:01	57	24/11/2015 4:06	56	25/11/2015 5:11	56
23/11/2015 3:06	54	24/11/2015 4:11	43	25/11/2015 5:16	55
23/11/2015 3:11	44	24/11/2015 4:16	51	25/11/2015 5:21	60
23/11/2015 3:16	53	24/11/2015 4:21	61	25/11/2015 5:26	55
23/11/2015 3:21	42	24/11/2015 4:26	60	25/11/2015 5:31	59
23/11/2015 3:26	56	24/11/2015 4:31	54	25/11/2015 5:36	57
23/11/2015 3:31	61	24/11/2015 4:36	56	25/11/2015 5:41	61
23/11/2015 3:36	56	24/11/2015 4:41	60	25/11/2015 5:46	58
23/11/2015 3:41	58	24/11/2015 4:46	61	25/11/2015 5:51	63
23/11/2015 3:46	55	24/11/2015 4:51	56	25/11/2015 5:56	60
23/11/2015 3:51	53	24/11/2015 4:56	57	25/11/2015 6:01	59
23/11/2015 3:56	57	24/11/2015 5:01	57	25/11/2015 6:06	62
23/11/2015 4:01	55	24/11/2015 5:06	54	25/11/2015 6:11	62
23/11/2015 4:06	53	24/11/2015 5:11	56	25/11/2015 6:16	64
23/11/2015 4:11	60	24/11/2015 5:16	56	25/11/2015 6:21	64
23/11/2015 4:16	58	24/11/2015 5:21	57	25/11/2015 6:26	65
23/11/2015 4:21	54	24/11/2015 5:26	56	25/11/2015 6:31	66
23/11/2015 4:26	56	24/11/2015 5:31	60	25/11/2015 6:36	67
23/11/2015 4:31	50	24/11/2015 5:36	60	25/11/2015 6:41	66
23/11/2015 4:36	43	24/11/2015 5:41	59	25/11/2015 6:46	67
23/11/2015 4:41	60	24/11/2015 5:46	61	25/11/2015 6:51	66
23/11/2015 4:46	53	24/11/2015 5:51	61	25/11/2015 6:56	67
23/11/2015 4:51	55	24/11/2015 5:56	61	25/11/2015 7:01	66
23/11/2015 4:56	56	24/11/2015 6:01	60	25/11/2015 7:06	66
23/11/2015 5:01	54	24/11/2015 6:06	63	25/11/2015 7:11	66
23/11/2015 5:06	56	24/11/2015 6:11	61	25/11/2015 7:16	66
23/11/2015 5:11	61	24/11/2015 6:16	64	25/11/2015 7:21	65
23/11/2015 5:16	57	24/11/2015 6:21	65	25/11/2015 7:26	65
23/11/2015 5:21	59	24/11/2015 6:26	65	25/11/2015 7:31	65
23/11/2015 5:26	54	24/11/2015 6:31	66	25/11/2015 7:36	63
23/11/2015 5:31	59	24/11/2015 6:36	67	25/11/2015 7:41	65
23/11/2015 5:36	60	24/11/2015 6:41	67	25/11/2015 7:46	65
23/11/2015 5:41	58	24/11/2015 6:46	67	25/11/2015 7:51	64
23/11/2015 5:46	63	24/11/2015 6:51	67	25/11/2015 7:56	65
23/11/2015 5:51	62	24/11/2015 6:56	66	26/11/2015 0:01	64
23/11/2015 5:56	62	24/11/2015 7:01	67	26/11/2015 0:06	64
23/11/2015 6:01	61	24/11/2015 7:06	65	26/11/2015 0:11	65
23/11/2015 6:06	63	24/11/2015 7:11	66	26/11/2015 0:16	64
23/11/2015 6:11	64	24/11/2015 7:16	65	26/11/2015 0:21	65
23/11/2015 6:16	64	24/11/2015 7:21	65	26/11/2015 0:26	66
23/11/2015 6:21	65	24/11/2015 7:26	66	26/11/2015 0:31	64
23/11/2015 6:26	66	24/11/2015 7:31	65	26/11/2015 0:36	64
23/11/2015 6:31	66	24/11/2015 7:36	65	26/11/2015 0:41	64
23/11/2015 6:36	67	24/11/2015 7:41	64	26/11/2015 0:46	62
23/11/2015 6:41	67	24/11/2015 7:46	65	26/11/2015 0:51	63
23/11/2015 6:46	67	24/11/2015 7:51	64	26/11/2015 0:56	62
23/11/2015 6:51	68	24/11/2015 7:56	67	26/11/2015 1:01	63
23/11/2015 6:56	66	25/11/2015 0:01	64	26/11/2015 1:06	63
23/11/2015 7:01	65	25/11/2015 0:06	64	26/11/2015 1:11	62
23/11/2015 7:06	65	25/11/2015 0:11	65	26/11/2015 1:16	62
23/11/2015 7:11	65	25/11/2015 0:16	63	26/11/2015 1:21	61
23/11/2015 7:16	66	25/11/2015 0:21	64	26/11/2015 1:26	63
23/11/2015 7:21	66	25/11/2015 0:26	63	26/11/2015 1:31	61
23/11/2015 7:26	67	25/11/2015 0:31	64	26/11/2015 1:36	59
23/11/2015 7:31	64	25/11/2015 0:36	64	26/11/2015 1:41	61
23/11/2015 7:36	65	25/11/2015 0:41	63	26/11/2015 1:46	61
23/11/2015 7:41	65	25/11/2015 0:46	61	26/11/2015 1:51	61
23/11/2015 7:46	65	25/11/2015 0:51	61	26/11/2015 1:56	61
23/11/2015 7:51	65	25/11/2015 0:56	62	26/11/2015 2:01	61
23/11/2015 7:56	64	25/11/2015 1:01	62	26/11/2015 2:06	61
24/11/2015 0:01	64	25/11/2015 1:06	61	26/11/2015 2:11	62
24/11/2015 0:06	64	25/11/2015 1:11	61	26/11/2015 2:16	59
24/11/2015 0:11	64	25/11/2015 1:16	62	26/11/2015 2:21	59
24/11/2015 0:16	65	25/11/2015 1:21	62	26/11/2015 2:26	54
24/11/2015 0:21	64	25/11/2015 1:26	61	26/11/2015 2:31	59
24/11/2015 0:26	63	25/11/2015 1:31	64	26/11/2015 2:36	59
24/11/2015 0:31	64	25/11/2015 1:36	60	26/11/2015 2:41	60
24/11/2015 0:36	62	25/11/2015 1:41	59	26/11/2015 2:46	60
24/11/2015 0:41	62	25/11/2015 1:46	61	26/11/2015 2:51	58
24/11/2015 0:46	62	25/11/2015 1:51	61	26/11/2015 2:56	58
24/11/2015 0:51	62	25/11/2015 1:56	61	26/11/2015 3:01	52
24/11/2015 0:56	61	25/11/2015 2:01	61	26/11/2015 3:06	59
24/11/2015 1:01	61	25/11/2015 2:06	57	26/11/2015 3:11	54
24/11/2015 1:06	62	25/11/2015 2:11	58	26/11/2015 3:16	58
24/11/2015 1:11	61	25/11/2015 2:16	57	26/11/2015 3:21	58
24/11/2015 1:16	62	25/11/2015 2:21	59	26/11/2015 3:26	58
24/11/2015 1:21	61	25/11/2015 2:26	56	26/11/2015 3:31	58
24/11/2015 1:26	61	25/11/2015 2:31	63	26/11/2015 3:36	53
24/11/2015 1:31	60	25/11/2015 2:36	56	26/11/2015 3:41	59
24/11/2015 1:36	59	25/11/2015 2:41	57	26/11/2015 3:46	56
24/11/2015 1:41	62	25/11/2015 2:46	54	26/11/2015 3:51	59
24/11/2015 1:46	62	25/11/2015 2:51	55	26/11/2015 3:56	56
24/11/2015 1:51	62	25/11/2015 2:56	60	26/11/2015 4:01	54
24/11/2015 1:56	61	25/11/2015 3:01	56	26/11/2015 4:06	56
24/11/2015 2:01	61	25/11/2015 3:06	53	26/11/2015 4:11	54
24/11/2015 2:06	61	25/11/2015 3:11	56	26/11/2015 4:16	56
24/11/2015 2:11	62	25/11/2015 3:16	56	26/11/2015 4:21	56
24/11/2015 2:16	61	25/11/2015 3:21	55	26/11/2015 4:26	56
24/11/2015 2:21	62	25/11/2015 3:26	48	26/11/2015 4:31	59
24/11/2015 2:26	61	25/11/2015 3:31	51	26/11/2015 4:36	52
24/11/2015 2:31	60	25/11/2015 3:36	52	26/11/2015 4:41	54
24/11/2015 2:36	57	25/11/2015 3:41	50	26/11/2015 4:46	58
24/11/2015 2:41	59	25/11/2015 3:46	51	26/11/2015 4:51	57
24/11/2015 2:46	62	25/11/2015 3:51	53	26/11/2015 4:56	57
24/11/2015 2:51	62				
24/11/2015 2:56	62				
24/11/2015 3:01	62				
24/11/2015 3:06	62				
24/11/2015 3:11	62				
24/11/2015 3:16	62				
24/11/2015 3:21	62				
24/11/2015 3:26	62				
24/11/2015 3:31	62				
24/11/2015 3:36	62				
24/11/2015 3:41	62				
24/11/2015 3:46	62				
24/11/2015 3:51	62				
24/11/2015 3:56	62				
24/11/2015 4:01	62				
24/11/2015 4:06	62				
24/11/2015 4:11	62				
24/11/2015 4:16	62				
24/11/2015 4:21	62				
24/11/2015 4:26	62				
24/11/2015 4:31	62				
24/11/2015 4:36	62				
24/11/2015 4:41	62				
24/11/2015 4:46	62				
24/11/2015 4:51	62				
24/11/2015 4:56	62				
24/11/2015 5:01	62				
24/11/2015 5:06	62				
24/11/2015 5:11	62				
24/11/2015 5:16	62				
24/11/2015 5:21	62				
24/11/2015 5:26	62				
24/11/2015 5:31	62				
24/11/2015 5:36	62				
24/11/2015 5:41	62				
24/11/2015 5:46	62				
24/11/2015 5:51	62				
24/11/2015 5:56	62				

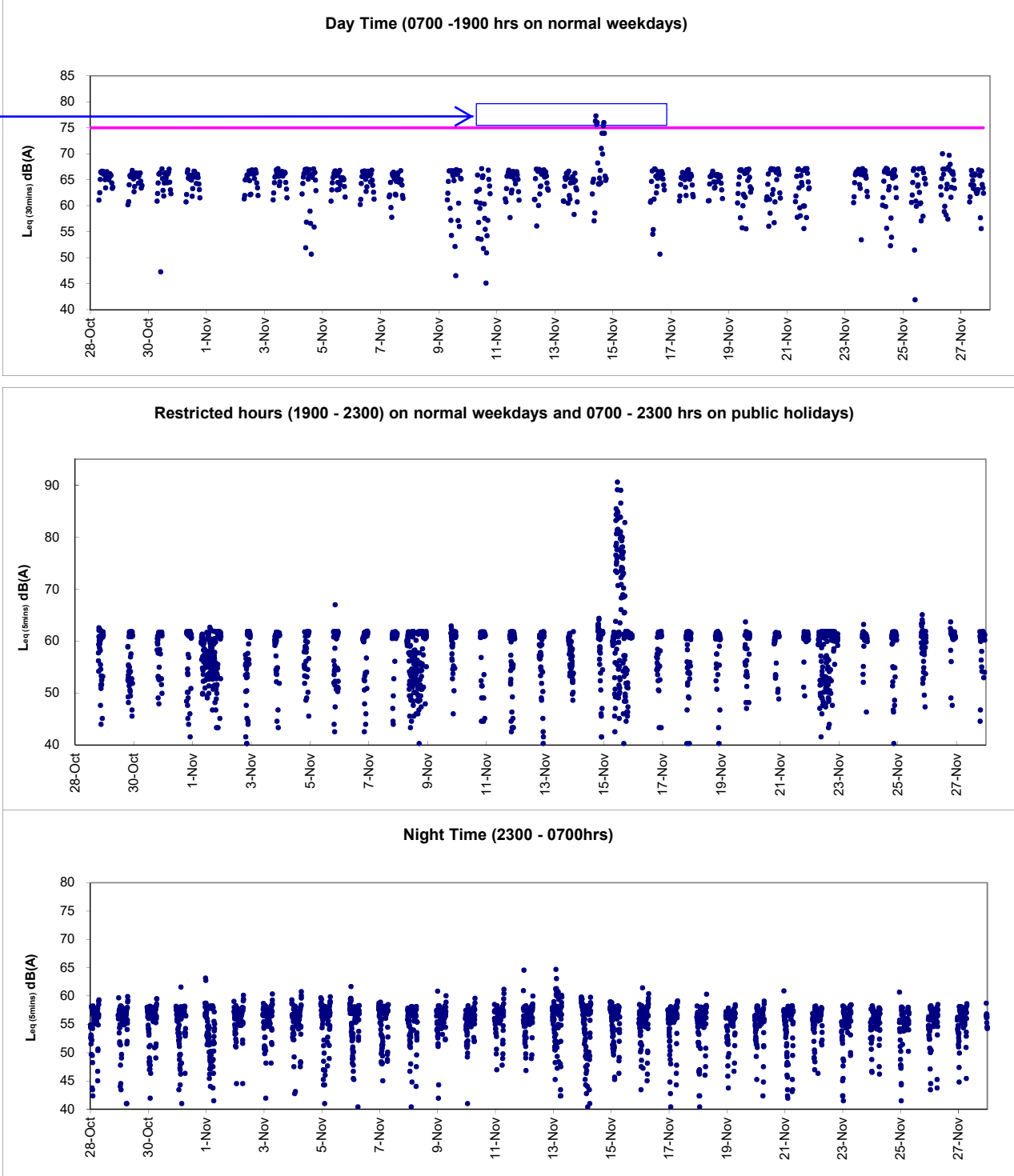


Graphic Presentation of Real Time Noise Monitoring Result (RTN1-Food and Environmental Hygiene Department Depot)





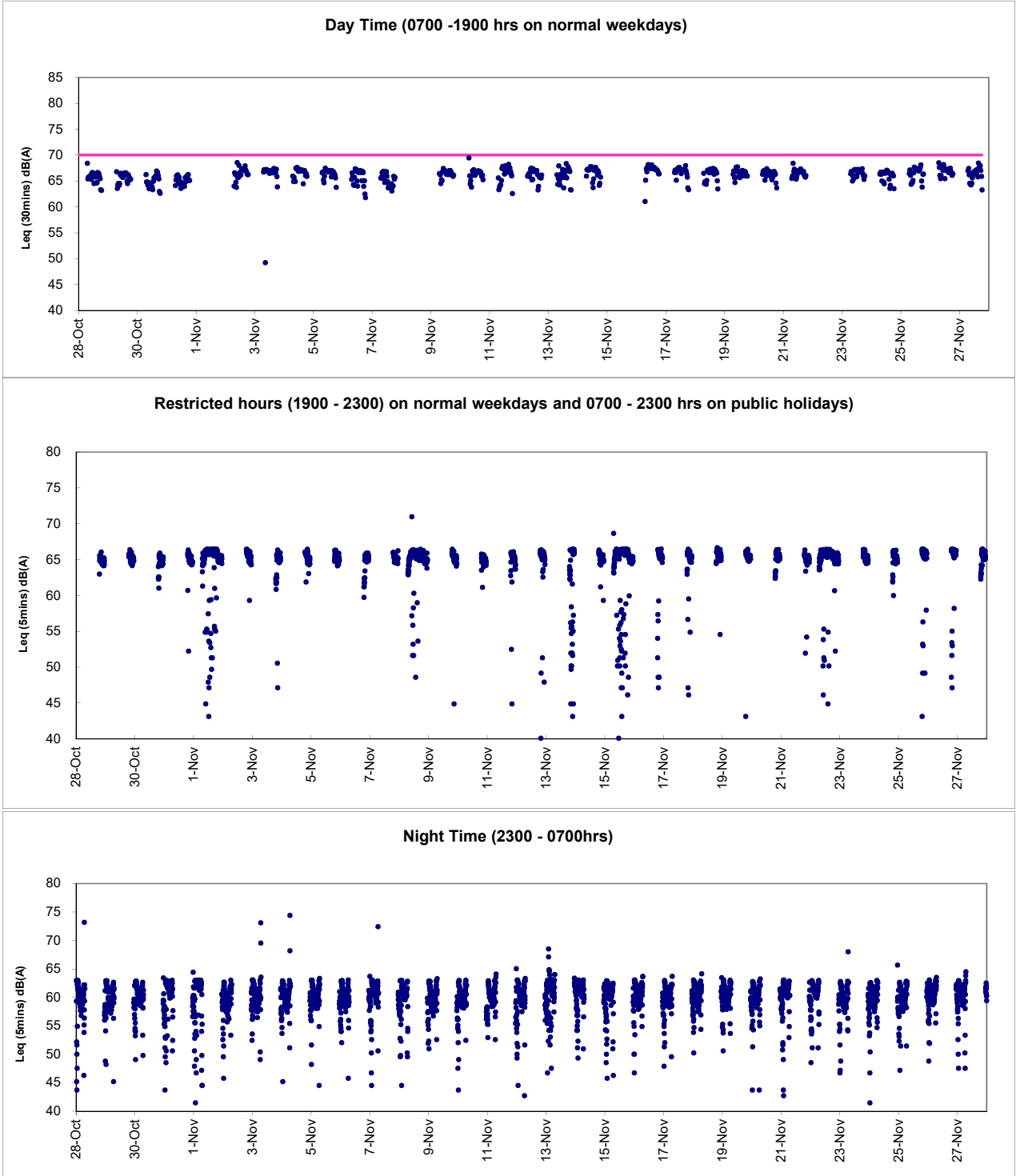
Graphic Presentation of Real Time Noise Monitoring Result (RTN2a- Hong Kong Electric Centre)



After checking with Contractor of HY/2009/19, on 14 November 2015, pre-bored piling works was undertaken by Contract HY/2009/19 while mitigation measures including erection of temporary noise barrier was in place. In addition, cooling pipe removal works with saw cutting for Hong Kong Electric Centre was conducted at the roof top by non-CWB Contractor immediately next to the noise monitoring station as major noise contribution. In view of the mitigation measures implemented and the non-CWB works conducted next to the monitoring station, the exceedances were considered as non-Project related.

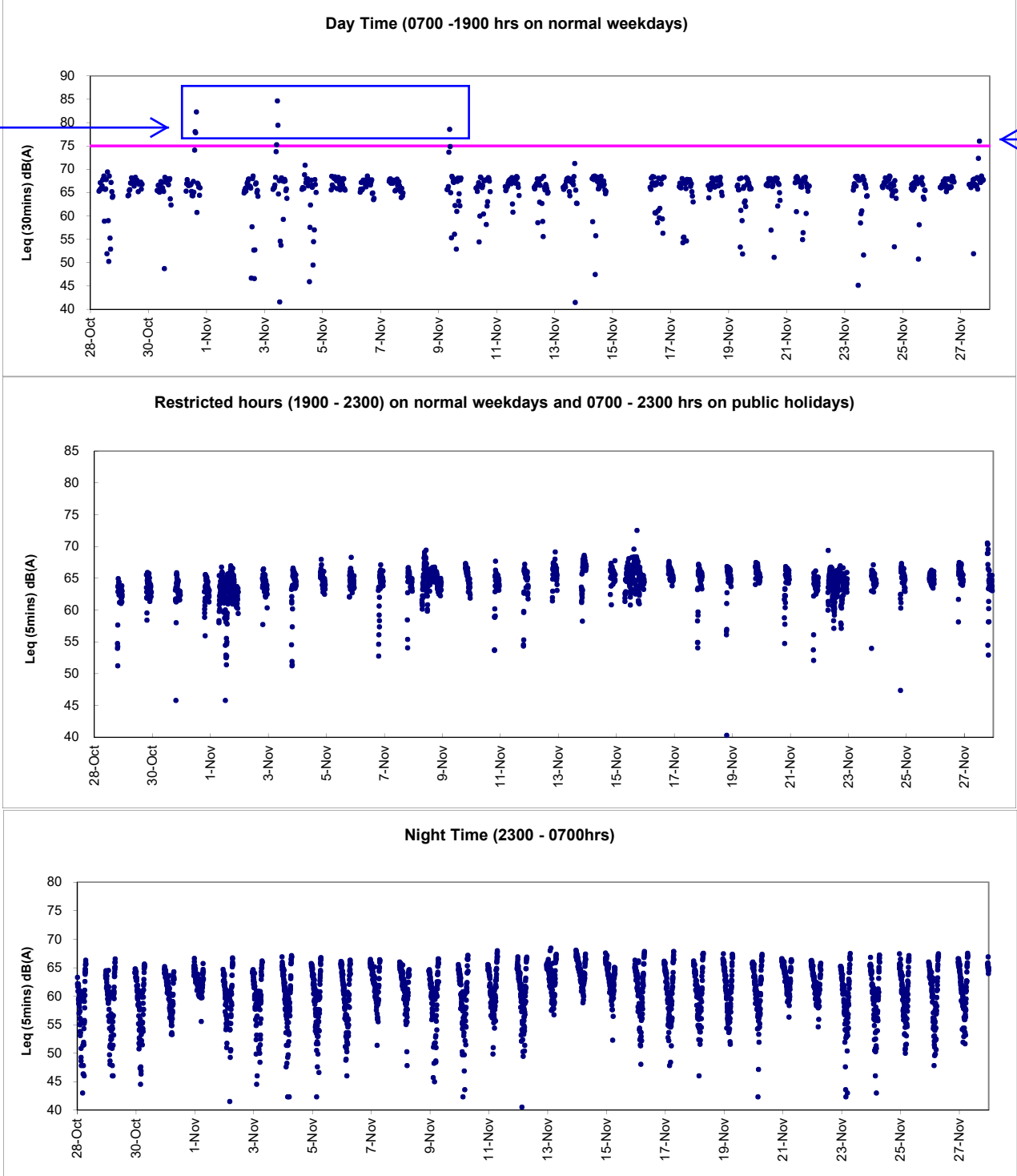


Graphic Presentation of Real Time Noise Monitoring Result (RTN3-Yu Lee Mo Fan Memorial School)





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



After checking of Contractor of HY/2009/19, on 31 October and 3 November 2015, only steel fixing and steel mould erection works was undertaken by Contract HY/2009/19 during monitoring and on 9 November 2015, only falsework reinforcement was undertaken by Contract HY/2009/19 while scaffold dismantling and manual handling of material was observed undertaken by non-CWB Contractor at Causeway Bay Community Centre from end of October to mid-November in close proximity to the monitoring station and was considered as the major noise contribution.

On 27 November 2015, steel mould installation with crawler crane was undertaken by Contract HY/2009/19 while slotted panel installation involving drilling was conducted at the Causeway Bay Community Centre directly next to the monitoring station by non CWB Contractor and considered as the major noise contribution. As such, the exceedances were considered 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	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)	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)	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)	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	Unit	Action Level	Limit Level	Follow-up action
X_10N183	24-Nov-15	10:25	M1a-Habour Road Sports Centre	87	Leq(30-min)	when one documented complaint was received.	75	<p>Possible reason: Breaking works at Ex- Wan Chai Swimming Pool (adjacent to Harbour Road Sports Centre) under non WDII-CWB Contractor.</p> <p>Action taken / to be taken: Repeat measurement to confirm result and reviewed the trend of noise measurement. Analysis of contractor's working procedure.</p> <p>Remarks / Other Obs: Backfilling at portion 2 and reclamation works at WCR3 were conducted under Contract HK/2009/02 around the concerned location during the time of measurement while breaking works at Ex- Wan Chai Swimming Pool (adjacent to Harbour Road Sports Centre directly opposite to the monitoring station) under non WDII-CWB Contractor was observed as the major noise contribution during monitoring. As such, the exceedance was considered as non-Project related.</p>
X_10N184	24-Nov-15	10:25	M1a-Habour Road Sports Centre	87	Leq(30-min)	when one documented complaint was received.	75	<p>Possible reason: Breaking works at Ex- Wan Chai Swimming Pool (adjacent to Harbour Road Sports Centre) under non WDII-CWB Contractor.</p> <p>Action taken / to be taken: Repeat measurement to confirm result and reviewed the trend of noise measurement. Analysis of contractor's working procedure.</p> <p>Remarks / Other Obs: Despite welding and breaking works were conducted under Contract HK/2009/01 at Area 8 (West of Wan Chai Ferry Pier) during the time of measurement, mitigation measures including acoustic covering was implemented for the breaker while breaking works at Ex- Wan Chai Swimming Pool (adjacent to Harbour Road Sports Centre directly opposite to the monitoring station) under non WDII-CWB Contractor was observed as the major noise contribution during monitoring. As such, the exceedance was considered as non-Project related.</p>
X_10N185	24-Nov-15	10:25	M1a-Habour Road Sports Centre	87	Leq(30-min)	when one documented complaint was received.	75	<p>Possible reason: Breaking works at Ex- Wan Chai Swimming Pool (adjacent to Harbour Road Sports Centre) under non WDII-CWB Contractor.</p> <p>Action taken / to be taken: Repeat measurement to confirm result and reviewed the trend of noise measurement. Analysis of contractor's working procedure.</p> <p>Remarks / Other Obs: No construction works for EP-376/2009 was conducted by Contract HK/2012/08 around the concerned location during the time of measurement while breaking works at Ex- Wan Chai Swimming Pool (adjacent to Harbour Road Sports Centre directly opposite to the monitoring station) under non WDII-CWB Contractor was observed as the major noise contribution 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 enough lights should not be avoided in construction site. However, the light sources were not directed away from pointing to the sensitive receiver and results in visual glare to the complainant. 4) Confirmed with the Resident Site Staff the complainant was satisfied the new arrangement of the lights with contractor after the joint inspection. No further complaint received after that.	Closed
111220	20/12/2011	The complainant, Ms. Poon complained via hotline 1823 (ICC Ref. No.: ICC#1-334683841)	North Point	Construction air and noise nuisance generated that many trucks carrying construction materials driving along Watson Road and Oil Street and possibly entering/leaving the construction site near the IEC during 0800 to 1900 hours.	1) RSS notified ET on 22 Dec 2011. 2) ET confirmed with the Resident Site Staff that the complainant cannot identify whether the trucks were working under the CWB project or not. 3) The dominant construction air and noise nuisances were emitted by the trucks along Oil Street and Waston Road, however, this is the public road for all vehicles. Reviewing the air quality 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 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 2013and 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</p> <p>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/00001725-15) received by ET on 27 January 2015 and further information from EPD regarding the updated location under complaint was received by ET on 30 January 2015	A portion of Hung Hing Road immediately to the east of Marsh Road near SPCA	Construction dust and grit was emitted from the construction site to the carriageway causing nuisance to the public.	<p>A public complaint regarding air quality impact referred by EPD was received by ET on 27 January 2015 (EPD Case Ref.: H05/RS/00001725-15 dated 27 January 2015) and further information from EPD regarding the updated location under complaint was received by ET on 30 January 2015. The complainant reported that construction dust and grit was emitted from the construction site to the carriageway causing nuisance to the public.</p> <p>ET confirmed with the Resident Site Staff that the major construction activities around the concerned location conducted on 21 January 2015 include breaking of seawall blocks and D-wall at TPCWAW; concreting, grouting and drilling works at TPCWAW;reclamation/ backfilling works at TPCWAW</p> <p>Mitigation measures implemented by the Contractor for the above construction works include spraying haul road with water; covering bagged cement with tarpaulin; providing three sided and top covering for grouting stations; providing water spraying to dusty activities such as breaking works</p> <p>According to the relevant site records, breaking of seawall blocks and D-wall, concreting, grouting and drilling works and reclamation/ backfilling works were conducted at TPCWAW. Dust mitigation measures including spraying haul road with water, covering bagged cement with tarpaulin, providing three sided and top covering for grouting stations and water spraying to dusty activities such as breaking works were implemented by the Contractor of HY/2009/15 near the concerned location on 21 January 2015.</p>	Interim report submitted to EPD on 9 February 2015, EPD advised no comment on 27 February 2015 on the interim report submitted and case closed.



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					<p>Follow-up investigation was conducted on 27 January 2015 during weekly environmental inspection, dust mitigation measures including water spraying for dusty haul road and major dust generation works; and provision of three sides and top covering for grouting station were confirmed in place.</p> <p>In addition, based on the review of the monitoring data of the monitoring station located at the concerned location raised by the complainant, namely monitoring station CMA3a , no action or limit level exceedance was recorded during air quality monitoring conducted on 20 and 21 January 2015. Nevertheless, the Air Quality Health Index (AQHI) recorded by EPD across Western District and Eastern District on the complaint date was ranged from 4 to 10+ indicating a severely high concentration of ambient air pollutants.</p> <p>As such, the site condition under Contract HY/2009/15 at the concerned location was considered to be generally satisfactory and no non-conformity related to cumulative air quality impact was observed. Nevertheless, in view of the public concern, the contractor was reminded to enhance the dust mitigation measures implemented to minimize potential nuisance to nearby public.</p> <p>ET confirmed with the Resident Site Staff that the major construction activities under Contract HK/2009/02 around the concerned location conducted on 21 January 2015 include trenching grabbing for D-wall construction at temporary road eastward, shear pin installation at temporary road westward and ground Investigation drilling at temporary road westward</p>	



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					<p>Mitigation measures implemented by the Contractor of HK/2009/02 for the above construction works include regular water spraying at haul road, vehicle wheel-washing at the ingress/egress (Gate No. 4) to the temporary road, hard paving at the works area at temporary road northward and frequent water spraying at the ingress/egress (Gate No. 4) to the temporary road.</p> <p>According to the relevant site records, trenching grabbing for D-wall construction, shear pin installation and ground investigation drilling works were conducted at the concerned location. Dust mitigation measures including water spraying for haul road, vehicle wheel washing and hard paving for a section of works area nearby public road were implemented by the Contractor of HK/2009/02 near the concerned location on 21 January 2015.</p> <p>Follow-up investigation was conducted on 5 February 2015 during weekly environmental inspection, dust mitigation measures including water spraying for dusty haul road and major dust generation works and provision of wheel washing combine with cleaning of public road were confirmed in place and no dust related impact from the construction works was observed. The Air Quality Health Index (AQHI) recorded by EPD across Western District and Eastern District on 21 January 2015 was ranged from 4 to 10+ indicating a severely high concentration of ambient air pollutants. Based on reviewing relevant impact monitoring data, elevated TSP were recorded at monitoring stations across Wan Chai West area to North Point area and a non-Project related exceedance was recorded at nearby monitoring station CMA4a (at SPCA) on 21 January 2015 due to ambient air pollutant.</p>	



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					<p>In addition, it was noted that a section of the works area at the concerned location was not provided with site hoarding. Based on further review on relevant records it was noted that the works area at concerned section was either hard paved or have to maintain adequate line of sight due to traffic safety consideration. The Contractor of HK/2009/02 was advised to inform EPD with respect to the site constraint and provide relevant updated meeting records on the arrangement for review.</p> <p>In view of the public concern, the contractor has committed to conduct additional cleaning of the concerned public road section once a week to minimize potential nuisance caused to nearby road users. The contractor was also reminded to enhance the dust mitigation measures implemented to minimize potential nuisance to nearby public.</p>	
20150409	07 April 2015 09 April 2015	EPD complaint (Ref.:H05/RS/00008074-15 dated 9 April 2015) received by ET on 09 April 2015	Construction site exit near Expo Drive Central; Construction site gate V2 & gate V8	Construction dust was generated from lorries transporting out of the construction via site exit without wheel washing	<p>A public complaint regarding construction dust impact referred by EPD was received by ET on 09 April 2015 (EPD Ref.:H05/RS/00008074-15 dated 9 April 2015). The complainant reported that: Construction dust was generated from lorries transporting out of the construction via site exit near Expo Drive Central without wheel washing at the morning of 7 April 2015. Lorries were also found transporting out of the construction site via gates V2 and V8 without wheel washing and causing dust nuisance at about 10:30 hours on 9 April 2015.</p> <p>ET confirmed with the Resident Site Staff that on 7 April 2015, major vehicle movements included oil tanker passing at Gate V2 at Expo Drive East and dump truck passing at Gate V8 at Expo Drive Central under Contract HK/2009/01.</p>	Interim report submitted to EPD on 17 April 2015, EPD advised no comment on 30 April 2015 on the interim report submitted and case closed.



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					<p>2. On 9 April 2015, major vehicle movements include oil tanker, crane lorry and dump truck passing at at Gate V2 at Expo Drive East and dump truck at Gate V8 at Expo Drive Central under Contract HK/2009/01.</p> <p>Mitigation measures adopted by the Contractor of HK/2009/01 at the above locations include water hose was provided for wheel washing at Gate V2 and Gate V8, concrete paving at site exit, dump truck fitted with mechanic cover and cleaned before leaving construction site, regular street washing at Expo Drive Central.</p> <p>According to the relevant site records under Contract HK/2009/01, on 7 April 2015, major vehicle movements included oil tanker passing at Gate V2 at Expo Drive East and dump truck passing at Gate V8 at Expo Drive Central under Contract HK/2009/01 while on 9 April 2015 major vehicle movements include oil tanker, crane lorry and dump truck passing at at Gate V2 at Expo Drive East and dump truck at Gate V8 at Expo Drive Central under Contract HK/2009/01.</p> <p>At the above locations, mitigation measures including water hose for wheel washing at Gate V2 and Gate V8; concrete paving at site exit; dump truck fitted with mechanic cover and cleaned before leaving construction site and regular street washing at Expo Drive Central were generally adopted by the Contractor of HK/2009/01.</p> <p>In view of the public concern on the complaint date, the Contractor of HK/2009/01 was advised to conduct cleaning at the concerned site exit point and the section of public road adjoining the site exit to clear any residue grit and silt desposit to avoid further dust impact.</p>	



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					<p>Follow up inspection was conducted on 16 April 2015 during weekly environmental inspection and mitigation measures including water spraying for dusty haul road and provision of wheel washing were in place. The construction site exit was observed clear from residue silt / grit at the concerned location.</p> <p>In view of the public concern, the contractor was advised to conduct training to the construction site workers to enhance the effectiveness of wheel washing and to ensure proper wheel washing is provided for dump truck and other vehicle prior to leaving the construction site to avoid generating any dust nuisance.</p>	
20150409A	03 April 2015 to 07 April 2015	EPD complaint (Ref.:H05/RS/00007861-15 dated 9 April 2015) received by ET on 09 April 2015	Construction site at Convention Avenue near Renaissance Harbour View Hotel	Construction noise was emanated from the construction site at Convention Avenue near Renaissance Harbour View Hotel during the period of Easter Holiday	<p>A public complaint regarding construction noise impact referred by EPD was received by ET on 09 April 2015 (EPD Ref.:H05/RS/00007861-15 dated 9 April 2015). The complainant reported that construction noise was emanated from the construction site at Convention Avenue near Renaissance Harbour View Hotel during the period of Easter Holiday, including April 3 at about 13:00 hours.</p> <p>ET confirmed with the Resident Site Staff that from 3 April 2015 to 7 April 2015, from 08:00 hours to 18:00 hours, and at about 13:00 hours on 3 April 2015 at area CWB Tunnel Stage 3, backfilling works was conducted under HK/2009/01. Either 1 no. of dump truck and 1 no. of excavator was operated on site at each given time during the concerned period.</p> <p>According to the relevant site records under Contract HK/2009/01, from across 08:00hrs to 18:00hrs during the period from 3 April 2015 to 7 April 2015, backfilling works was conducted under Contract HK/2009/01 at CWB Tunnel Stage 3. Either 1 no. of dump truck and 1 no. of excavator was operated on site at each given time during the</p>	Interim report submitted to EPD on 17 April 2015, EPD advised no comment on 30 April 2015 on the interim report submitted and case closed.



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					<p>concerned period and the relevant Construction Noise Permit GW-RS0104-15 for the works was in place and the same construction activity was undertaken at around 13:00hrs on 3 April 2015. No other concurrent construction activity was undertaken at the concerned location during the concerned period under Contract HK/2009/01. The construction activity conducted under Contract HK/2009/01 during the concerned period was in compliance with the statutory requirement.</p> <p>Nevertheless, in view of the concern regarding the noise nuisance raised by the public at the concerned location, it is considered desirable for the Contractor of HK/2009/01 to review the truck unloading procedures of the specific construction task to minimize potential noise emanated during the course for work.</p>	
20150415	13 April 2015	ICC complaint case (ICC Case Ref.: 2-885677297 dated 13 April 2015) received by ET on 15 April 2015	Construction Site at Causeway Bay Typhoon Bay Shelter	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.



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
				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.</p> <p>One derrick barge was deployed for unloading of soil on 02 September 2015 during daytime under Contract HK/2012/08 at the concerned location.</p> <p>Based on the relevant site records, from 0800 hrs to 1800 hrs on 30 August 2015, removal of scaffold 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</p>	



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



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					<p>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>	
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>Interim investigation report was submitted to EPD on 24 November 2015. Due to further investigation undertaken, further information and investigation summary shall be further included in December reporting month.</p>	Interim investigation report submitted to EPD on 24 November 2015. Futher investigation report to be submitted in December 2015.

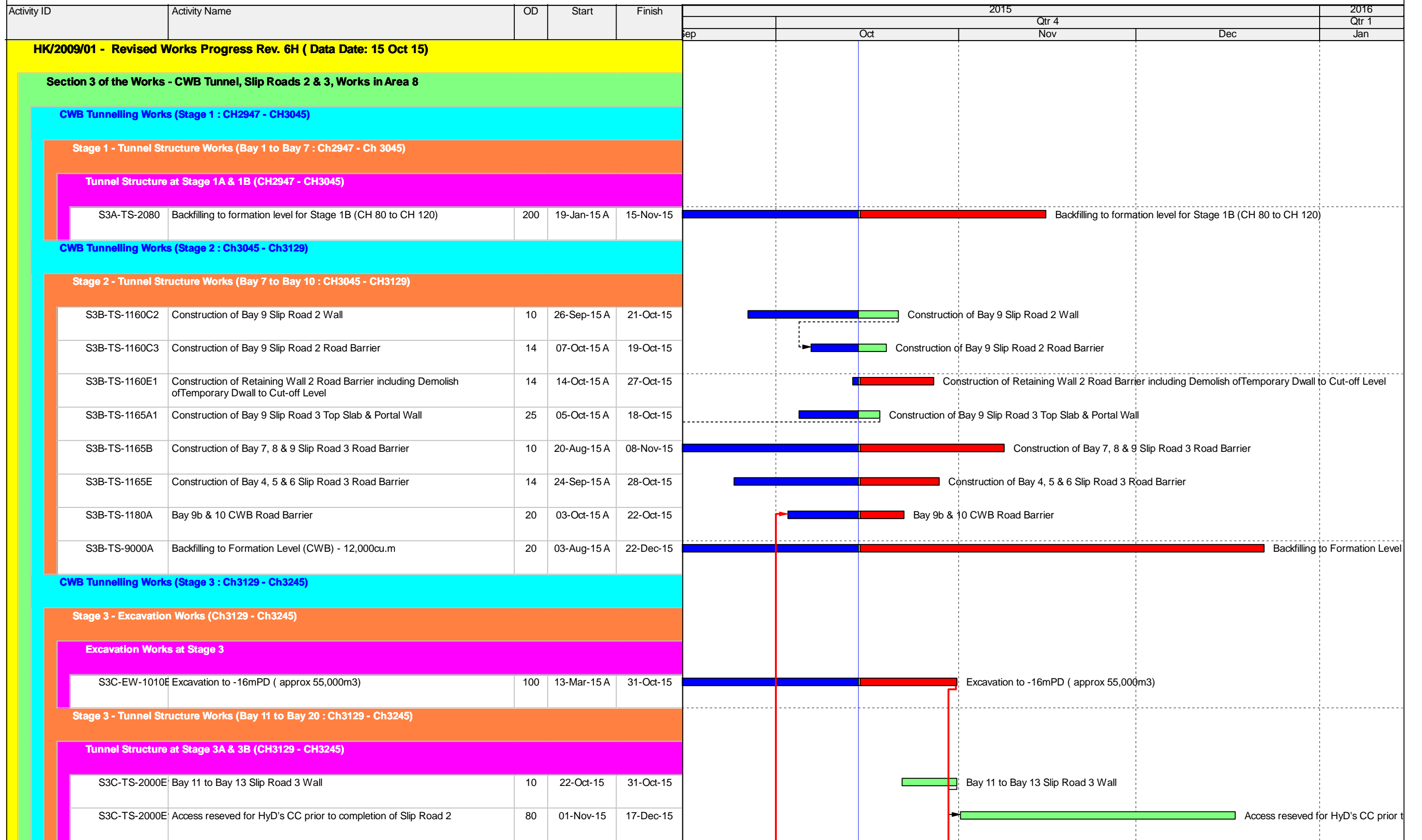


Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
ICC complaint case (ICC Ref: 2-159316569 4) dated 26 November 2015	26 No 2015	ICC complaint received by ET on 27 November 2015	Construction area outside City Garden Block 11	Noise 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> <p>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.</p>	Final investigation report to be issued on 01 December 2015.



Appendix 10.1

Construction Programme of Individual Contracts



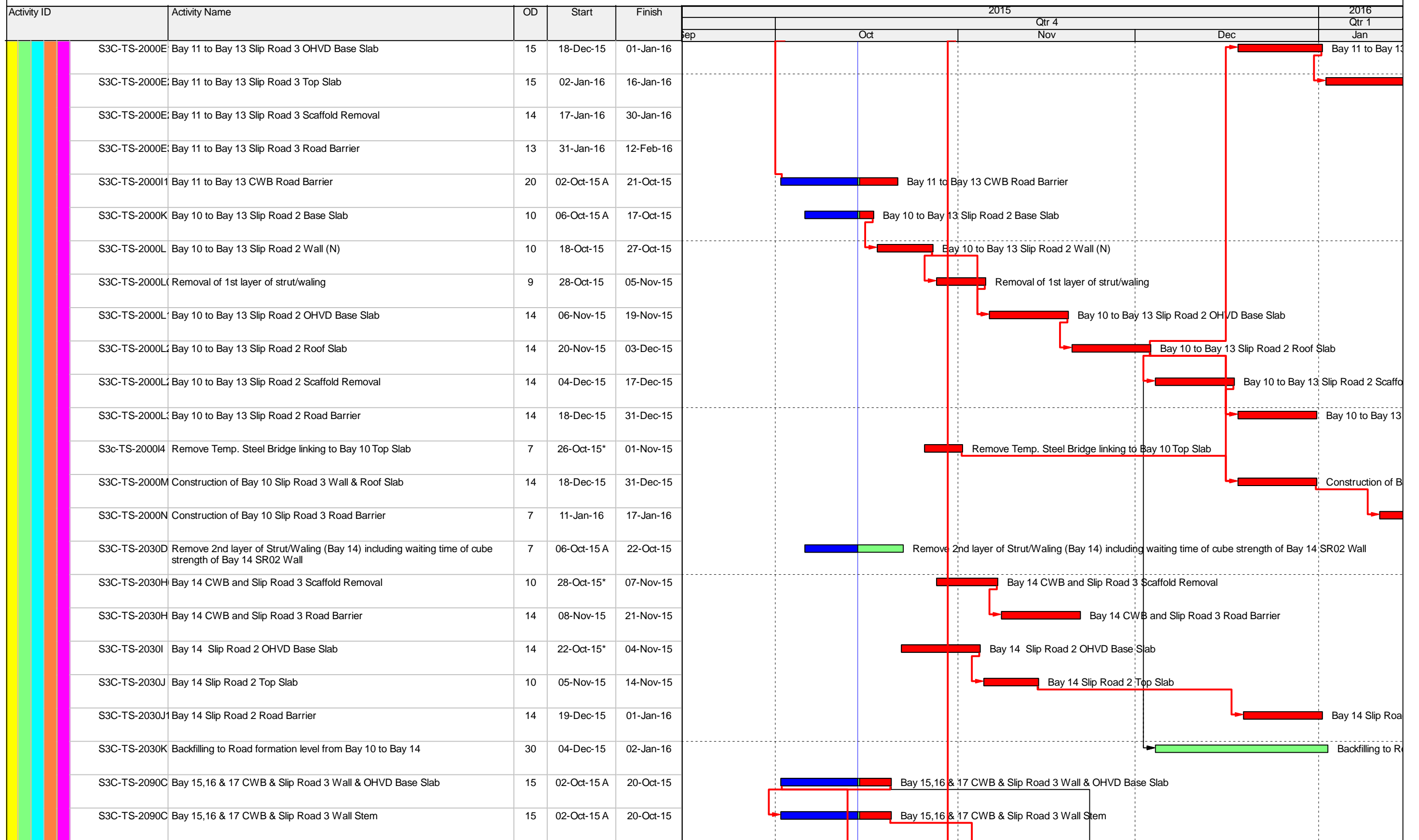
 Remaining Work	 Summa...
 Actual Work	
 Summary Bar	
 Critical Remaining Work	
 Milestone	

CEDD CONTRACT NO. HK/2009/01

Wan Chai Development Phase II - Central-Wan Chai Bypass at HKCEC (Contract 1)

WORKS PROGRAMME Rev.4 - 3 Month Programme starting from 15-Oct-15

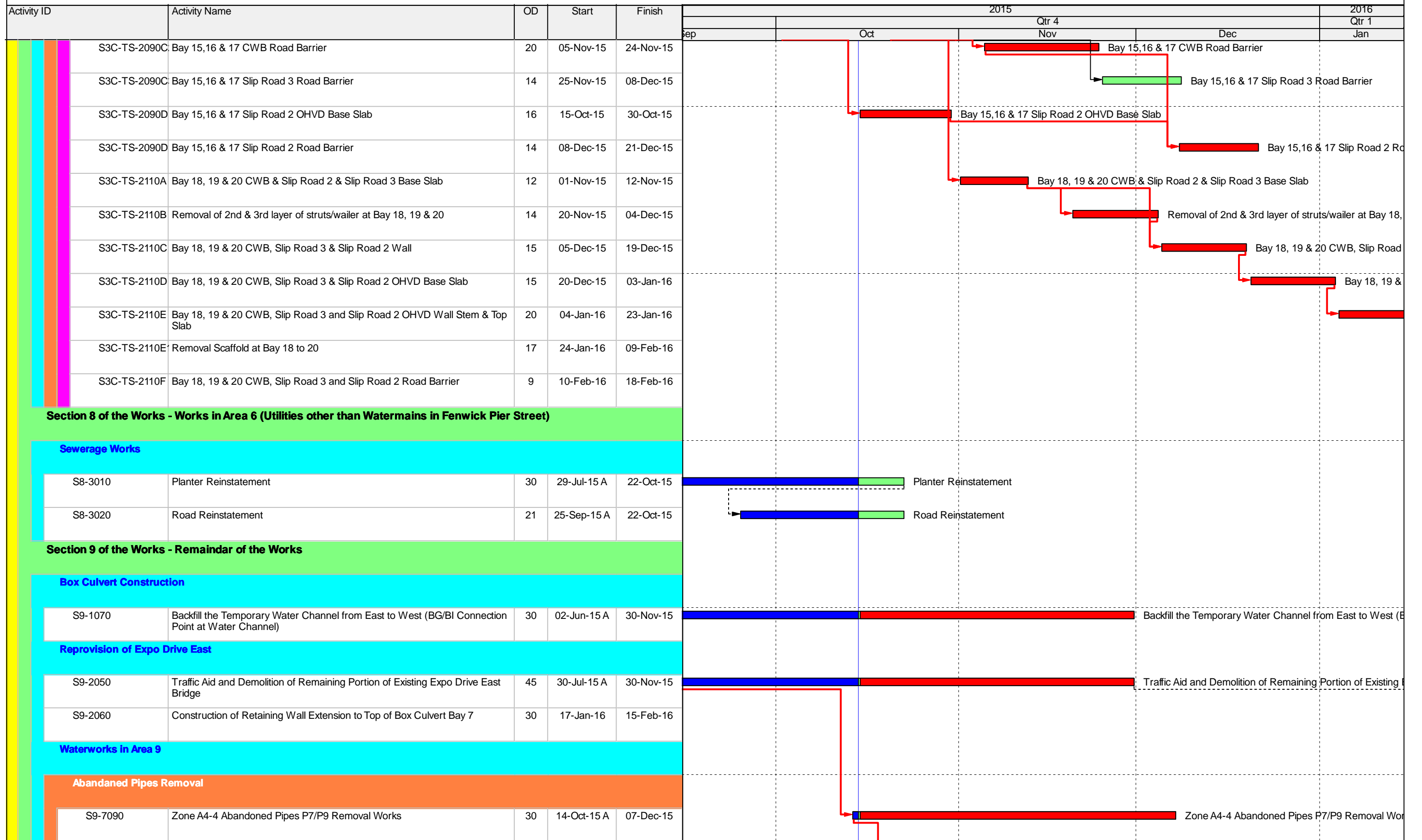
Date	Revision	Checked	Appro...
15-Sep-15	Program 6H 15 Sep 2015		
15-Oct-15	Progress Updated on 15 Oct 2015		



Remaining Work	Summary Bar
Actual Work	
Summary Bar	
Critical Remaining Work	
Milestone	

CEDD CONTRACT NO. HK/2009/01
 Wan Chai Development Phase II - Central-Wan Chai Bypass at HKCEC (Contract 1)
WORKS PROGRAMME Rev.4 - 3 Month Programme starting from 15-Oct-15

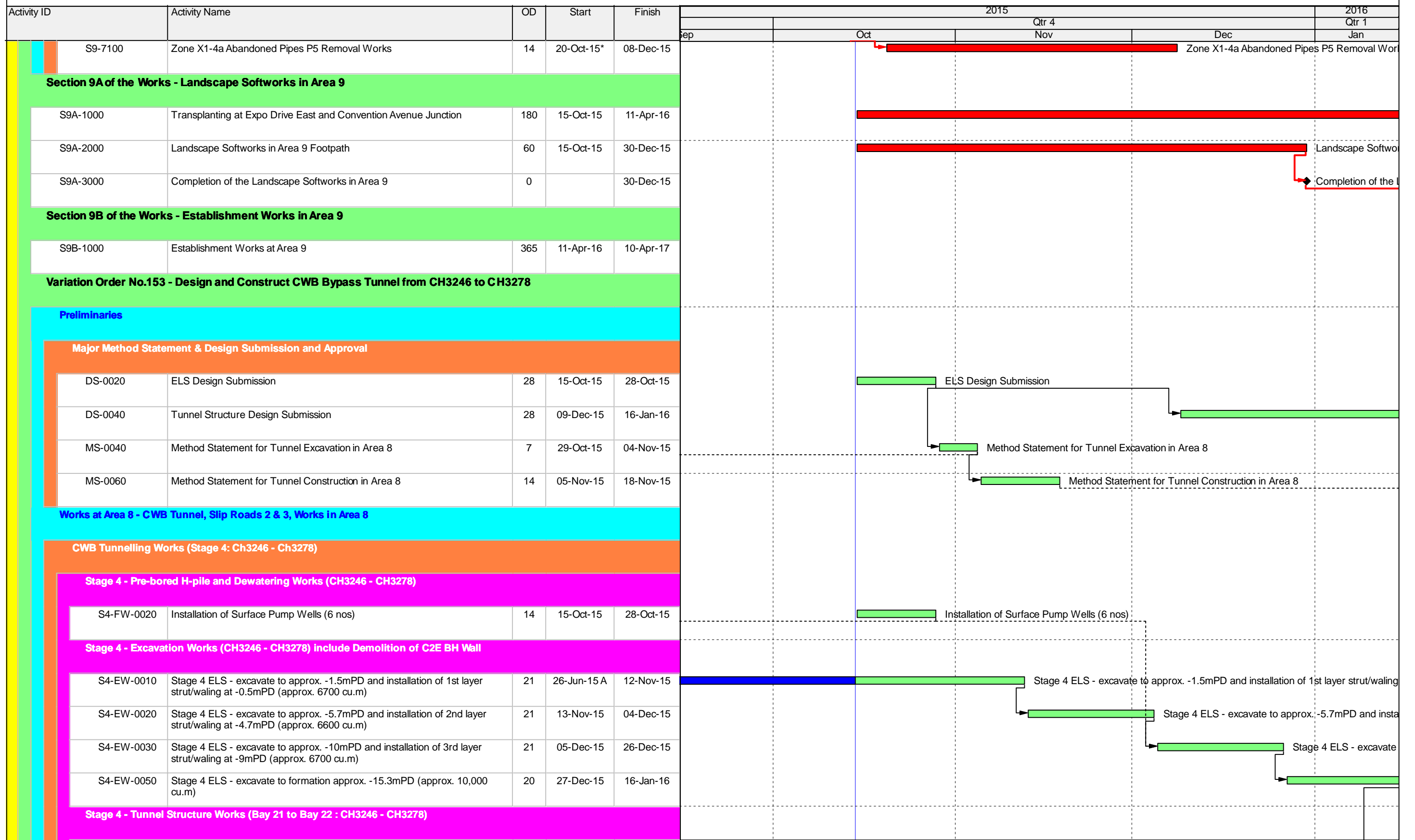
Date	Revision	Checked	Appro...
15-Sep-15	Program 6H 15 Sep 2015		
15-Oct-15	Progress Updated on 15 Oct 2015		



Remaining Work	Summa...
Actual Work	
Summary Bar	
Critical Remaining Work	
Milestone	

CEDD CONTRACT NO. HK/2009/01
 Wan Chai Development Phase II - Central-Wan Chai Bypass at HKCEC (Contract 1)
WORKS PROGRAMME Rev.4 - 3 Month Programme starting from 15-Oct-15

Date	Revision	Checked	Appro...
15-Sep-15	Program 6H 15 Sep 2015		
15-Oct-15	Progress Updated on 15 Oct 2015		



Remaining Work	Summa...
Actual Work	
Summary Bar	
Critical Remaining Work	
Milestone	

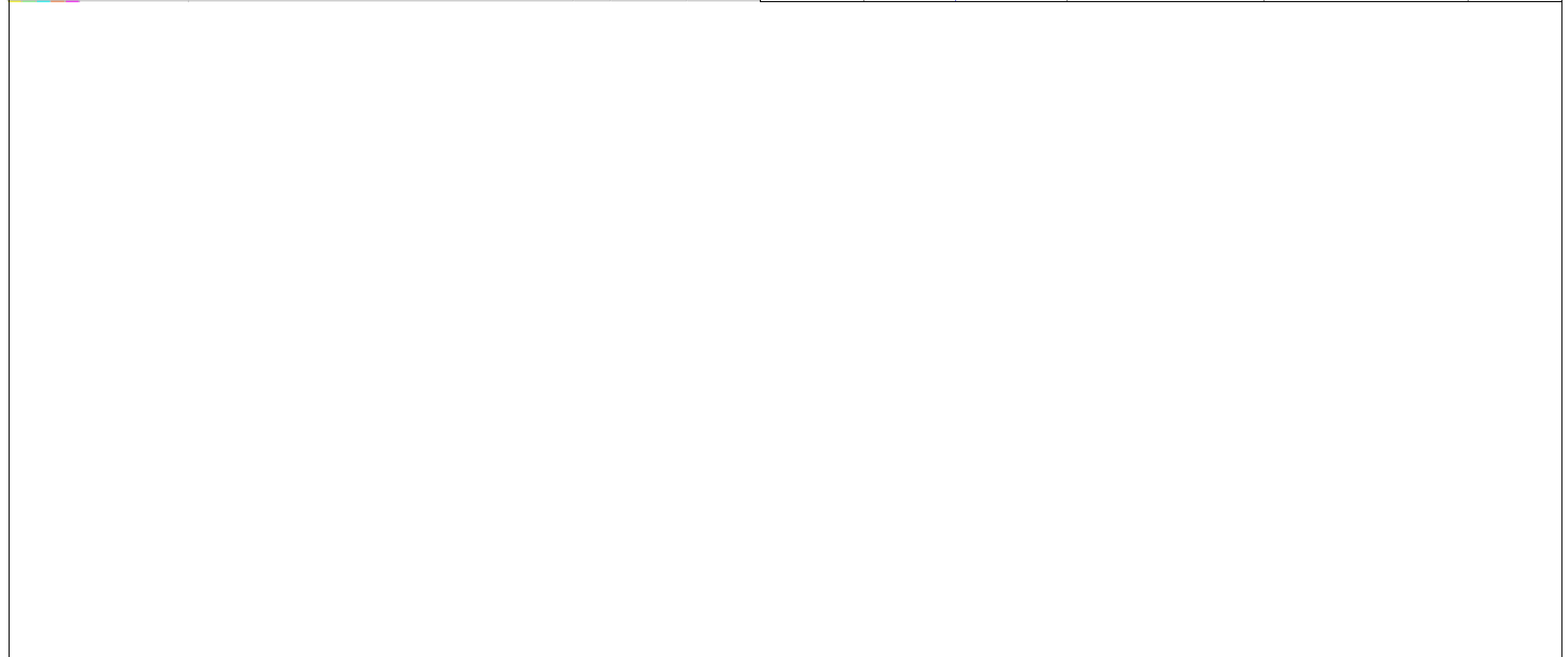
CEDD CONTRACT NO. HK/2009/01

Wan Chai Development Phase II - Central-Wan Chai Bypass at HKCEC (Contract 1)

WORKS PROGRAMME Rev.4 - 3 Month Programme starting from 15-Oct-15

Date	Revision	Checked	Appro...
15-Sep-15	Program 6H 15 Sep 2015		
15-Oct-15	Progress Updated on 15 Oct 2015		

Activity ID	Activity Name	OD	Start	Finish	2015				2016
					Qtr 4				Qtr 1
					Sep	Oct	Nov	Dec	Jan
S4-TS-0005	Pile Head Fabrication	15	11-Jan-16	24-Jan-16					
S4-TS-0010	Bay 21 Base Slab	10	25-Jan-16	03-Feb-16					
S4-TS-0020	Bay 22 Base Slab	10	28-Jan-16	06-Feb-16					
S4-TS-0030	Removal of 2nd and 3rd layer of Strut/Waling	28	07-Feb-16	06-Mar-16					
S4-TS-0040	Bay 21 & 22 Wall	15	07-Mar-16	22-Mar-16					
S4-TS-0050	Bay 21 & 22 Wall & OHVD Base Slab	15	23-Mar-16	06-Apr-16					
S4-TS-0060	Bay 21 & 22 OHVD Wall Stem and Top Slab	15	07-Apr-16	22-Apr-16					



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

Activity ID	Activity Name	Start	Finish	Remaining Duration	Activity % Complete	2015					2016
						Sep	Oct	Nov	Dec	Jan	
Total		01-Jan-15 A	28-Dec-15	80							
HK/2012/08 Revised Works Programme Rev.5_Updated as of 20-Sep-15		01-Jan-15 A	28-Dec-15	80							
Dredging and Reclamation		21-Aug-15 A	15-Dec-15	71							
Marine Work Construction		21-Aug-15 A	15-Dec-15	71							
Zone A1		11-Nov-15	15-Dec-15	30							
Seawall Construction - Zone A1		11-Nov-15	15-Dec-15	30							
MAR10310	Zone A1 - seawall - Type 3 - fill rock mound	11-Nov-15	18-Nov-15	8	0%						
MAR10312	Zone A1 - seawall - Type 3 - lay toe block and leveling stone	19-Nov-15	26-Nov-15	8	0%						
MAR10320	Zone A1 - seawall - install block seawall type 3	27-Nov-15	04-Dec-15	8	0%						
MAR10340	Zone A1 - seawall - place type A behind seawall Type 3	05-Dec-15	10-Dec-15	6	0%						
MAR10345	Zone A1 - seawall - lay geotextile and filter behind seawall Type 3	11-Dec-15	15-Dec-15	4	0%						
Zone A2		21-Aug-15 A	06-Oct-15	12							
Seawall Construction - Zone A2		21-Sep-15	06-Oct-15	12							
MAR10815	Zone A2 - seawall - place type A behind seawall Type 4 and Type 13 up to -1.5 mPD	21-Sep-15	26-Sep-15	6	0%						
MAR10817	Zone A2 - seawall - lay geotextile and filter behind seawall Type 4 and Type 13 up to -1.5 mPD	29-Sep-15	06-Oct-15	6	0%						
Filling - Zone A2		21-Aug-15 A	21-Sep-15	1							
MAR20365	Zone A2(2) - Public Fill -4.0 to +4.0mPD (behind Type 4 & 13 for temp channel outlet)	21-Aug-15 A	21-Sep-15	1	95%						
Zone C		21-Sep-15	28-Oct-15	30							
Dredging - Zone C		21-Sep-15	28-Oct-15	30							
MAR11520	Zone C - Cut existing pipe pile (2 nos.)	21-Sep-15	28-Oct-15	30	0%						
Zone D		21-Sep-15	15-Dec-15	71							
Seawall Construction - Zone D		21-Sep-15	19-Nov-15	49							
Seawall 10 & 11		21-Sep-15	22-Oct-15	25							
MAR20582	Zone D - fill rock mound for Seawall 10 & 11	21-Sep-15	22-Sep-15	2	0%						
MAR20584	Zone D - lay toe block and level stone for Seawall 10 & 11	23-Sep-15	03-Oct-15	8	0%						
MAR20605	Zone D - Install block seawall 10	05-Oct-15	20-Oct-15	14	0%						
MAR20610	Zone D - Install block seawall 11	06-Oct-15	22-Oct-15	14	0%						
Seawall 9		23-Oct-15	19-Nov-15	24							
MAR11858	Zone D - fill rock mound for Seawall 9	23-Oct-15	24-Oct-15	2	0%						
MAR11859	Zone D - lay toe block and level stone for Seawall 9	26-Oct-15	03-Nov-15	8	0%						
MAR12300	Zone D - Install block seawall 9	04-Nov-15	19-Nov-15	14	0%						
Filling - Zone D		19-Nov-15	15-Dec-15	23							
Filling at North		19-Nov-15	15-Dec-15	23							

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

Project Star :22-Jan-13
Project End: 21-Jul-18
Date Date: 20-Sep-15

3 Months Rolling Programme _September to November 2015
(For Non-CRIII Zone)

Detailed Works Programme Revision 5			
Date	Revision	Checked	Approved
20-Sep-15	3MRP		

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

Activity ID	Activity Name	Start	Finish	Remaining Duration	Activity % Complete	2015					2016
						Sep	Oct	Nov	Dec	Jan	
MAR12160	Zone D - Sorted Public Fill up to +2.5mPD (north area)	19-Nov-15	02-Dec-15	12	0%						
MAR12180	Zone D - Sorted & Compacted Public Fill from +2.5 to +4mPD (north area)	02-Dec-15	15-Dec-15	12	0%						
Works for Section Completion		01-Jan-15 A	28-Dec-15	80							
Construction		01-Jan-15 A	28-Dec-15	80							
Section II - MVB Structure		08-Aug-15 A	24-Dec-15	79							
MVB Substructure - ELS & Structural Works for Portion A		08-Aug-15 A	24-Dec-15	79							
MVB Substructure - Structural Works for Portion A		08-Aug-15 A	24-Dec-15	79							
SII11120	Sec II - MVB A - Construct B3M slab, column and wall	08-Aug-15 A	27-Nov-15	55	24%						
SII11140	Sec II - MVB A - Remove Strut SL7 and SL6	18-Dec-15	24-Dec-15	5	0%						
MVB Substructure - ELS & Structural Works for Portion B		09-Sep-15 A	21-Sep-15	1							
MVB Substructure - ELS for Portion B		09-Sep-15 A	21-Sep-15	1							
SII11760	Sec II - MVB B: Excavation down to -25.45mPD	09-Sep-15 A	21-Sep-15	1	90%						
MVB Substructure - Piling Works		21-Sep-15	26-Nov-15	55							
MVB C - Prebored H Piles		21-Sep-15	26-Nov-15	55							
SII10400	Sec II - MVB C - construct prebored H-piles	21-Sep-15	03-Nov-15	35	0%						
SII10420	Sec II - MVB C - Loading Test for Prebored H-pile	04-Nov-15	26-Nov-15	20	0%						
Section II A - CWB Tunnel & Slip Road Structures and Facilities		17-Jan-15 A	28-Dec-15	80							
CWB CRIII & A1		17-Jul-15 A	28-Dec-15	80							
CWB A1 - ELS & Tunnel Structure		17-Jul-15 A	28-Dec-15	80							
CWB A1 - ELS Remaining		17-Jul-15 A	03-Nov-15	35							
SIIA11286	Sec IIA - CWB A1 : Shoring & Excavation (Remaining)	17-Jul-15 A	03-Nov-15	35	0%						
CWB A1 - Tunnel Structure Remaining		04-Nov-15	28-Dec-15	45							
SIIA13045	Sec II A - CWB A1: Pile head + trough + base & wall + OHVD unit (Bay 1)	04-Nov-15	28-Dec-15	45	0%						
SIIA13048	Sec IIA - CWB A1 : Pile head + trough + base & wall + OHVD (Bay 3)	04-Nov-15	28-Dec-15	45	0%						
CWB A1 - Other Works		20-Sep-15	13-Oct-15	24							
SIIA15500	Zone A2(2) - Public Fill -4.0 to +4.0mPD (behind Type 4 & 13 for temp channel outlet)	20-Sep-15	13-Oct-15	24	0%						
CWB A2(2)		20-Aug-15 A	23-Nov-15	51							
CWB A2 (2) - Dwall & Piling		20-Aug-15 A	23-Nov-15	51							
SIIA13500	Sec II A - CWB A2 : backfill to +4.0mPD	20-Aug-15 A	22-Sep-15	2	90%						
SIIA15260	Sec II A - CWB A2 : Predrilling for Dwall & piles	11-Sep-15 A	09-Nov-15	39	2%						
SIIA15280	Sec II A - CWB A2 : Ground treatment	21-Sep-15	09-Nov-15	40	0%						
SIIA15300	Sec II A - CWB A2 : construct Guide Wall	30-Sep-15	17-Nov-15	40	0%						
SIIA15420	Sec II A - CWB A2 Loading Test for Prebored H-pile	30-Oct-15	23-Nov-15	20	0%						
CWB B (& A2(1))		30-Apr-15 A	11-Dec-15	67							
CWB B - Dwall & Piling		30-Apr-15 A	06-Nov-15	37							
SIIA11540	Sec II A - CWB B (&A2(1)) : Construct pre-bored H-pile	30-Apr-15 A	22-Sep-15	1	98%						
SIIA11560	Sec II A - CWB B: Concrete Plug (MTR TWL)	15-Jun-15 A	06-Nov-15	37	40.32%						

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

Activity ID	Activity Name	Start	Finish	Remaining Duration	Activity % Complete	2015					2016
						Sep	Oct	Nov	Dec	Jan	
SIIA11565	Sec II A - CWB B: Sheetpile Bulkhead Wall for "Delink"	29-Sep-15	26-Oct-15	21	0%						
CWB B - Pumping Test Preparation		13-Jun-15 A	11-Dec-15	67							
SIIA11580	Sec II A - CWB B: Dwall sonic test / interface core	13-Jun-15 A	30-Oct-15	31	48.33%						
SIIA11600	Sec II A - CWB B: Dwall precaution grout / fissure grout / grout curtain	13-Jun-15 A	30-Oct-15	31	48.33%						
SIIA11620	Sec II A - CWB B: Install dewatering/ recharging/ observation well	14-Jul-15 A	04-Nov-15	35	12.5%						
SIIA11640	Sec II A - CWB B: Pumping Test	06-Nov-15	14-Nov-15	7	0%						
SIIA11660	Sec II A - CWB B: Demolish Guide Wall	06-Nov-15	11-Dec-15	30	0%						
CWB C (W)		16-Jun-15 A	02-Dec-15	60							
CWB C(W) - Dwall Construction		16-Jun-15 A	24-Nov-15	53							
SIIA11960	Sec II A - CWB CW: Concrete Plug (MTR TWL)	16-Jun-15 A	24-Nov-15	53	14.52%						
SIIA11980	Sec II A - CWB CW: D-wall contact grout / fissure grout	21-Sep-15*	09-Nov-15	40	0%						
SIIA12000	Sec II A - CWB CW: Dwall sonic test / interface core	21-Sep-15	09-Nov-15	40	0%						
CWB C(W) - Pumping Test Preparation/ Pumping Test		21-Sep-15	02-Dec-15	60							
SIIA12020	Sec II A - CWB CW: Install dewatering/ recharging/ observation wells	21-Sep-15	09-Nov-15	40	0%						
SIIA12040	Sec II A - CWB CW: Pumping Test	25-Nov-15	02-Dec-15	8	0%						
CWB C (E)		30-Mar-15 A	28-Oct-15	30							
CWB C(E) & Enabling Work - Dwall Construction		30-Mar-15 A	28-Oct-15	30							
CWB C(E) - Dwall Construction		30-Mar-15 A	08-Oct-15	14							
SIIA12980	Sec II A - CWB CE: ground pre-treatment	30-Mar-15 A	08-Oct-15	14	79%						
SCL Enabling Work - Dwall Construction		21-Sep-15	28-Oct-15	30							
SIIA13085	Sec II A - CWB CE: Cut existing pipe piles (2 nos.)	21-Sep-15	28-Oct-15	30	0%						
CWB D - Slip Road 1		17-Jan-15 A	25-Nov-15	54							
CWB D - Slip Road 1 - Dwall Construction & Piling		17-Jan-15 A	14-Nov-15	45							
SIIA12260	Sec II A - CWB SR1: ground pre-treatment	17-Jan-15 A	05-Oct-15	11	90.83%						
SIIA12305	Sec II A - CWB SR1: construct Permanent DWall (1.2m thk)	07-Apr-15 A	15-Oct-15	20	79%						
SIIA12310	Sec II A - CWB SR1: construct pre-bored H-pile	20-Aug-15 A	11-Nov-15	41	2%						
SIIA12340	Sec II A - CWB SR1: Concrete Plug (MTR TWL)	07-Oct-15	14-Nov-15	32	0%						
CWB D - Slip Road 1 - Pumping Test Preparation/ Pumping Test		22-Sep-15	25-Nov-15	52							
SIIA12360	Sec II A - CWB SR1: Grout curtain / contact grout for Dwall	22-Sep-15	09-Nov-15	38	0%						
SIIA12380	Sec II A - CWB SR1: Dwall sonic test / interface core	22-Sep-15	09-Nov-15	38	0%						
SIIA12400	Sec II A - CWB SR1: Install dewatering/ recharging/ observation wells	30-Sep-15	16-Nov-15	38	0%						
SIIA12420	Sec II A - CWB SR1: Pumping Test	16-Nov-15	25-Nov-15	8	0%						
Section VI A - Box Culvert La, L1 & FRP-L Construction		21-Sep-15	30-Nov-15	58							
Sec VI C - Box Culvert La bay 4 (North)		21-Sep-15	30-Nov-15	58							
CUL11652	Sec VI C - Culvert L - bay 4 (north half) - excavate to formation level	21-Sep-15	13-Oct-15	18	0%						
CUL11655	Sec VI C - Culvert L - bay 4 (north half) - place granular fill and lay geotextile filter	14-Oct-15	26-Oct-15	10	0%						
CUL11660	Sec VI C - Culvert L - bay 4 - backfill	27-Oct-15	30-Nov-15	30	0%						

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

Activity ID	Activity Name	Start	Finish	Remaining Duration	Activity % Complete	2015					2016
						Sep	Oct	Nov	Dec	Jan	
Box Culvert L1 & FRP-L Construction (Bay 5 - Bay 7)		21-Sep-15	21-Dec-15	76							
Box Culvert L1 & FRP-L - Bay 5 to 7 Structure		21-Sep-15	23-Oct-15	26							
Box Culvert L1 & FRP-L - Precast Unit Installation		21-Sep-15	23-Oct-15	26							
CUL10874	Sec VI C - Culvert L - bay 5-7 - Demolition of Temp Platform & Cofferdam ready for towing precast culvert units	21-Sep-15	06-Oct-15	12	0%						
CUL10875	Sec VI C - Culvert L - bay 5-7 (& Bay 4b) - install precast culvert units & Touch Up	07-Oct-15	23-Oct-15	14	0%						
Box Culvert L1 & FRP-L - Bay 5 & 6 Backfill & Others		24-Oct-15	21-Dec-15	50							
CUL10878	Sec VI C - Culvert L - bay 5, 6 - backfill to +4.0mPD	24-Oct-15	09-Dec-15	40	0%						
CUL10879	Sec VI C - Culvert L - bay 5, 6 - trim to formation level and handover Area 6	10-Dec-15	21-Dec-15	10	0%						
Box Culvert L1 & FRP-L - Bay 9 to 11		21-Sep-15	02-Dec-15	60							
Box Culvert L1 & FRP-L - Bay 9-11 Others		21-Sep-15	02-Dec-15	60							
CUL12020	Culvert L - bay 9-11 - backfill from top slab to final formation level	21-Sep-15	02-Dec-15	60	0%						
Box Culvert L1 & FRP-L - Bay 12 to 13		03-Jun-15 A	14-Dec-15	70							
Box Culvert L1 & FRP-L - Bay 12 to 13 Piling		21-Sep-15	28-Oct-15	30							
CUL12356	Culvert L - bay 13 - construct pre-bored H-pile (PC10 & PC11)	21-Sep-15*	28-Oct-15	30	0%						
Box Culvert L1 & FRP-L - Bay 12 to 13 Temp Work & ELS		03-Jun-15 A	02-Dec-15	60							
CUL12385	Culvert L - bay 12 - ELS and bulk excavation & Dwall Break Through Ready for Diversion	03-Jun-15 A	07-Oct-15	13	0%						
CUL12405	Culvert L - bay 12 & 13 - extract sheet piles ready for flow diversion (from Bay 4 to Bay 11)	07-Oct-15	10-Oct-15	4	0%						
CUL12480	Culvert L - bay 12 & 13 - pile head treatment and construct pile cap PC9, PC10 & PC11	29-Oct-15	02-Dec-15	30	0%						
Box Culvert L1 & FRP-L - Bay 12 to 13 Structure		21-Sep-15	14-Dec-15	70							
CUL12545	Culvert L - bay 12 & 13 - Construct Precast Units (off site)	21-Sep-15*	02-Dec-15	60	0%						
CUL12548	Culvert L - bay 12 & 13 - Deliver and Install Precast Units	03-Dec-15	14-Dec-15	10	0%						
Section VI C - Area 3, 6, 8A & 8C		01-Jan-15 A	19-Dec-15	75							
Area 8A & 8C - Seawall Modification		30-May-15 A	03-Dec-15	61							
Modification of Seawall		30-May-15 A	03-Dec-15	61							
Modification of Seawall - Zone 1 & 2		30-May-15 A	03-Dec-15	61							
PRS10043	Sec VIC - Pipe Pile P32 to P62	30-May-15 A	23-Sep-15	3	50%						
PRS10044	Sec VIC - P33, P33A, P34, P34A, P35, P35A	20-Aug-15 A	06-Oct-15	12	50%						
PRS10060	Sec VIC - Working Platform & P7 to P18, P23 & P24, P20A & P19	07-Oct-15	25-Nov-15	42	0%						
PRS10080	Sec VIC - Working Platform & P59, P59A, P60, P60A, P62, P62A	27-Oct-15	03-Dec-15	32	0%						
Modification of Seawall - Zone 4		23-Sep-15	27-Oct-15	26							
PRS10160	Sec VIC - Working Platform (Zone 4)	23-Sep-15	05-Oct-15	8	0%						
PRS10180	Sec VIC - Pipe Pile P63 to P68 & P64A (Zone 4)	05-Oct-15	27-Oct-15	18	0%						
Area 6 - Box Culvert bay 5-6		18-Apr-15 A	27-Nov-15	56							
SVIC10000	Sec VI C - [Summary] Construct Box Culvert Bay 5-6	18-Apr-15 A	23-Oct-15	26	71.74%						
SVIC10020	Sec VI C - backfill to formation level at Area 6	24-Oct-15	27-Nov-15	30	0%						
Area 3 - Box Culvert bay 4 and Roadwork		01-Jan-15 A	19-Dec-15	75							
SVIC10220	Sec VI C - [Summary] Construct Box Culvert Bay 4 in Area 3	01-Jan-15 A	26-Oct-15	28	60%						

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

Activity ID	Activity Name	Start	Finish	Remaining Duration	Activity % Complete	2015				2016
						Sep	Oct	Nov	Dec	Jan
SVIC10240	Sec VI C - reinstate and compact sub-base above Culvert L Bay 4 in Area 3	01-Dec-15	08-Dec-15	7	0%					
SVIC10260	Sec VI C - reinstate road kerb in Area 3	01-Dec-15	07-Dec-15	6	0%					
SVIC10280	Sec VI C - reinstate flexible pavement in Area 3	08-Dec-15	14-Dec-15	6	0%					
SVIC10300	Sec VI C - reinstate footpath in Area 3	15-Dec-15	19-Dec-15	5	0%					
SVIC10320	Sec VI C - reinstate traffic sign and road marking in Area 3	19-Dec-15	19-Dec-15	1	0%					
Section VI D - Area 8B & 10		27-Sep-15	24-Dec-15	73						
WDII Box 1 Construction		27-Sep-15	24-Dec-15	73						
WDII Box 1 Submission and Approval / Material Procurement		27-Sep-15	25-Nov-15	60						
PCU60410	Sec VI D - WD II Box 1 - Prepare Subcontract for Box 1 structure	27-Sep-15	25-Nov-15	60	0%					
WDII Box 1 Existing Pile Head and Dry Dock		24-Oct-15	24-Dec-15	53						
WD-C3030	Sec VI D - form dry dock / waterproofing for Box 1 structure	24-Oct-15	15-Dec-15	45	0%					
WDII Box 1 Existing Pile Head Treatment		03-Dec-15	24-Dec-15	18						
PRS10255	Sec VIC - Mobilisation	03-Dec-15	10-Dec-15	6	0%					
PRS10260	Sec VIC - Pile Head at Pile A3	10-Dec-15	24-Dec-15	12	0%					
Section VII - Remainder Works		21-Sep-15	30-Nov-15	58						
Demolition of Interim Landing Steps and Construct Permanent Seawall at CRIII		21-Sep-15	30-Nov-15	58						
SVII10220	Sec VII - remove interim landing steps - protect open cut slope	21-Sep-15	22-Sep-15	2	0%					
SVII10240	Sec VII - remove interim landing steps - remove old seawall wall blocks	23-Sep-15	30-Sep-15	6	0%					
SVII10260	Sec VII - seawall - remove old rubble mound and dredging	02-Oct-15	08-Oct-15	6	0%					
SVII10280	Sec VII - seawall - final hydrographic survey	09-Oct-15	16-Oct-15	7	0%					
SVII10300	Sec VII - seawall - [summary] fill rubble mound	17-Oct-15	23-Nov-15	31	0%					
SVII10320	Sec VII - seawall - [summary] place caisson seawall type 1B(4), 2D and 1	09-Nov-15	30-Nov-15	19	0%					

Activity ID	Activity Name	Calendar	Original Duration	Start	Finish	Total Float	2015				2016		
							Q4	Q1	Q2	Q3	Q4	Q1	Q2
HY/2009/15 - Works Programme Rev. M (DD:20-Sep-12)													
Works in East Ventilation Adit - Based on Alternative Method													
Reinstatement of Breakwater													
S3_54840	Reinstatement works -west side	7d/wk-1	60d	21-Feb-14 08 A	30-Sep-14 18	-85d							
S3_60085	Reinstatement works east side	7d/wk-1	60d	31-May-14 08 A	30-Sep-14 18	-85d							
S3_54845	Completion of Section 3 (KD8) in EVA Area (Alternative Method)	7d/wk-2	0d		30-Sep-14 18	-86d							
Works in TS1/TS2 - OHVD and Cable Trough/Maintenance Walkway													
TS2 - OHVD and Cable Trough/Maintenance Walkway													
OHVD Slab and Cable Trough Construction													
S3_6210	TS2 - OHVD/ Cable trough	7d/wk-1	40d	20-May-14 08 A	30-Sep-14 18	-85d							
S3_6212	Completion of Section 3 - TS1/TS2 Area (below -6mpd) KD8	7d/wk-2	0d		30-Sep-14 18	-86d							
Works in TS4/ME4 Area (Portion 14A, 14B, 15, 23)													
TS4/ME4 - Removal of Temporary Reclamation													
Remaining Works at TZ6													
Stage 4 - Seawall and Reclamation at TZ6													
A-2010	Installation of seawall blocks (Qty: 245 nos.)	7d/wk-2	6d	15-Sep-14 08 A	26-Sep-14 18	-332d							
A-2020	Soil Backfilling up to -2.45mPD (Qty:3,000 cu.m.)	7d/wk-2	2d	25-Sep-14 08	26-Sep-14 18	-332d							
A-2030	Utilities installation for Mined Tunnel	7d/wk-2	1d	27-Sep-14 08	27-Sep-14 18	-332d							
A-2040	Soil backfilling up to ground level (Qty:2,000 cu.m.)	7d/wk-2	2d	28-Sep-14 08	29-Sep-14 18	-332d							
A-2050	Site clearance	7d/wk-2	1d	30-Sep-14 08	30-Sep-14 18	-305d							
A-2060	Handover to MTR	7d/wk-2	0d		30-Sep-14 18	-305d							
Removal of Temporary Reclamation at TS4/ME4													
Stage 5 (Zones A, D & F - TS4-D33 to D-26, SCL2 & ME4-D19 to D13)													
A-3000	D-Wall horizontal cutting (Qty: 62 pcs.)	7d/wk-2	21d	29-Aug-14 08 A	23-Sep-14 18	-340d							
Stage 6 (Zone C - P4, ME4-D12 to ME4-D16 & P3)													
A-3011	Marine removal of temporary reclamation and seawall blocks (Zones C)	7d/wk-2	21d	31-Aug-14 08 A	02-Oct-14 18	-353d							
A-3030	D-Wall vertical cutting (Qty: 15 pcs.)	7d/wk-2	4d	03-Oct-14 08	06-Oct-14 18	-353d							
A-3040	D-Wall horizontal cutting (Qty: 20 pcs.)	7d/wk-2	5d	06-Oct-14 08	10-Oct-14 18	-352d							

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China State Construction Engineering (Hong Kong) Ltd

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

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中國建築工程(香港)有限公司
CHINA STATE CONSTRUCTION ENGINEERING (HONG KONG) LTD.

Activity ID	Activity Name	Calendar	Original Duration	Start	Finish	Total Float	2015					2016				
							Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3		
Stage 7 (Zones C & E - ME4-D06 to D01, SCL1 & TS4-D25)																
A-4000	Marine removal of temporary reclamation and seawall blocks (Zones C & E)	7d/wk-2	18d	06-Sep-14 08 A	06-Oct-14 18	-353d										
A-3090	Hole coring (Qty: 44 nos)	7d/wk-2	9d	20-Sep-14 08*	28-Sep-14 18	-346d										
A-4010	D-Wall vertical cutting (Qty: 27pcs.)	7d/wk-2	7d	07-Oct-14 08	13-Oct-14 18	-353d										
A-4020	D-Wall horizontal cutting (Qty: 37 pcs.)	7d/wk-2	10d	11-Oct-14 08	20-Oct-14 18	-353d										
Stage 9 (Zone I - TS4-D01 to TS4-D08)																
A-3050	Remaining removal of temporary reclamation (Zone I)	7d/wk-2	28d	29-Aug-14 08 A	01-Oct-14 18	-342d										
A-3060	Hole coring (Qty: 25 nos)	7d/wk-2	5d	02-Oct-14 08	06-Oct-14 18	-342d										
A-3070	D-Wall vertical cutting (Qty: 14 pcs.)	7d/wk-2	3d	07-Oct-14 08	09-Oct-14 18	-342d										
A-3080	D-Wall horizontal cutting (Qty: 24 pcs.)	7d/wk-2	5d	21-Oct-14 08	25-Oct-14 18	-353d										
Stage 8 (Zones G & K - TS4-D24 to TS4-D15)																
A-4040	Relocation of RHKYC floating pontoon	7d/wk-2	5d	22-Sep-14 08*	26-Sep-14 18	-338d										
A-4050	Hole coring (Qty: 27 nos)	7d/wk-2	6d	29-Sep-14 08	04-Oct-14 18	-346d										
A-4060	Marine removal of temporary reclamation and seawall blocks (Zone G & K)	7d/wk-2	14d	11-Oct-14 08	24-Oct-14 18	-352d										
A-4070	D-Wall vertical cutting (Qty: 18pcs.)	7d/wk-2	4d	25-Oct-14 08	28-Oct-14 18	-352d										
A-4080	D-Wall horizontal cutting (Qty: 25 pcs.)	7d/wk-2	7d	26-Oct-14 08	01-Nov-14 18	-352d										
Stage 10 (Zone J - TS4-D09 to TS4-D14)																
A-4090	Land removal of temporary reclamation (Zone J)	7d/wk-2	10d	07-Oct-14 08	16-Oct-14 18	-344d										
A-5000	Hole coring (Qty: 32 nos)	7d/wk-2	7d	17-Oct-14 08	23-Oct-14 18	-340d										
A-5010	Marine removal of temporary reclamation (Zone J)	7d/wk-2	7d	26-Oct-14 08	01-Nov-14 18	-353d										
A-5020	D-Wall vertical cutting (Qty: 20 pcs.)	7d/wk-2	5d	02-Nov-14 08	06-Nov-14 18	-353d										
A-5030	D-Wall horizontal cutting (Qty: 26 pcs.)	7d/wk-2	7d	04-Nov-14 08	10-Nov-14 18*	-353d										
Stage 13 - Phase 3 Mooring																
A-5050	Final trimming of sea bed level	7d/wk-2	4d	02-Nov-14 08	05-Nov-14 18	-347d										
A-5060	Phase 3 Mooring	7d/wk-2	6d	06-Nov-14 08	11-Nov-14 18	-347d										
A-5040	Reinstatement of existing seawall (Zones I & J)	7d/wk-2	7d	11-Nov-14 08	17-Nov-14 18	-353d										
Stage 12 - Re-provisioning of Jetty																
S6_5258	Provision of Mobile Crane (until permanent re-provision of Jetty is completed)	7d/wk-1	160d	20-Feb-14 08 A	30-Dec-14 18	-335d										
A-6010	BA8 submission and consent for commencement of superstructure	7d/wk-2	28d	20-Sep-14 08 A	16-Oct-14 18	-336d										

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

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Activity ID	Activity Name	Calendar	Original Duration	Start	Finish	Total Float	2015				2016								
							Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3					
A-6012	Submission of performance report	7d/wk-2	1d	25-Oct-14 08*	25-Oct-14 18	-286d													
A-6020	Erection of working platform for jetty beams and reinstate the floating portoon	7d/wk-2	10d	02-Nov-14 08	11-Nov-14 18	-352d													
A-6040	BA10 submission for authorized signatory and subcontractor	7d/wk-2	1d	12-Nov-14 08	12-Nov-14 18	-304d													
A-6030	Jetty beams construction	7d/wk-2	14d	12-Nov-14 08	25-Nov-14 18	-352d													
A-6052	Construction of floating pontoon	7d/wk-2	14d	26-Nov-14 08	09-Dec-14 18	-331d													
A-6050	BA13 submission + 14-day cube test results	7d/wk-2	28d	26-Nov-14 08	23-Dec-14 18	-352d													
A-6060	E&M and accessories installation	7d/wk-2	7d	24-Dec-14 08	30-Dec-14 18	-352d													
A-6070	Handover to RHKYC	7d/wk-2	1d	31-Dec-14 08	31-Dec-14 18	-352d													
Stage 11 - Construction of TZ4																			
A-6080	South side - laying rockfill and levelling stone (Qty: 1,550 cu.m)	7d/wk-2	12d	24-Sep-14 08	05-Oct-14 18	-339d													
A-6090	South side - install seawall blocks (Qty: 255 nos.)	7d/wk-2	6d	06-Oct-14 08	11-Oct-14 18	-339d													
A-7000	South side - general fill (Qty: 2,000 cu.m.)	7d/wk-2	2d	12-Oct-14 08	13-Oct-14 18	-339d													
A-7010	North side - laying rockfill and levelling stone (Qty: 1,550 cu.m)	7d/wk-2	12d	21-Oct-14 08	01-Nov-14 18	-346d													
A-7020	North side - install seawall blocks (Qty: 255 nos.)	7d/wk-2	6d	02-Nov-14 08	07-Nov-14 18	-346d													
A-7030	North side - general fill (Qty:2,000 cu.m.)	7d/wk-2	2d	08-Nov-14 08	09-Nov-14 18	-346d													
A-7040	Handover to contract TS3/SR8	7d/wk-2	1d	10-Nov-14 08	10-Nov-14 18*	-346d													
TS4/ME4, Removal of Temporary Reclamation																			
S26875	Completion of Section 2 (With ME4 option) (KD7)	7d/wk-2	0d		17-Nov-14 18	-353d													
S26890	Completion of Section 7B (ME4) (KD13)	7d/wk-2	0d		17-Nov-14 18	-353d													
TS4 - OHVD / Cable Trough																			
S5_6185	TS4 (incl. TS4+) - OHVD Slab - Area C (access through temp. opening at TZ4)	7d/wk-1	36d	02-Jan-15 08*	06-Feb-15 18	195d													
S5_6190	TS4 (incl. TS4+) - Cable Trough (access through temp. opening at TZ4)	7d/wk-1	60d	07-Feb-15 08*	14-Apr-15 18	195d													
S5_59850	Completion of Section 5 - TS4/ME4 Area (KD10), below -20mPD	7d/wk-2	0d		02-Nov-15 18*	0d													
Works in TPCWAE Area (Portion 20A, 20B)																			
Removal of Temporary Reclamation																			
Removal of Temporary Reclamation & Form TZ5																			
S87670	Remove general fill /sea wall block	7d/wk-1	24d	20-May-14 08A	08-Oct-14 18	-296d													
S87675	Diaphragm wall saw cutting (1st D Wall cut on 23 Jun 2014)	7d/wk-1	31d	03-Sep-14 08A	16-Oct-14 18	-306d													
S87755	Form TZ5	7d/wk-1	18d	25-Sep-14 08	14-Oct-14 18	-304d													

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							Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3					
S67885	Achievement of KD5	7d/wk-2	0d		16-Oct-14 18	-323d													
S67887	Complete Reinstatement of Vertical Seawall (near PRE Office)	7d/wk-2	0d		27-Oct-14 18	-322d													
Reinstate Mucking Out Access Shaft "C"																			
S67240	Start reinstatement works (after completion of TPCWAW OHVD works)	6d/wk	0d	28-Mar-16 08		-102d													
S67225	Cast slab opening at top of CCT West bound (access shaft)	6d/wk	18d	28-Mar-16 08	16-Apr-16 18	-102d													
S67230	Removal of vertical shaft and backfilling	6d/wk	48d	11-Apr-16 08	04-Jun-16 18	-102d													
S67235	Reinstatement of pavement	6d/wk	12d	30-May-16 08	11-Jun-16 18	-102d													
TPCWAE - OHVD / Cable Trough																			
S5_7405	TPCWAE - Cable Trough (access through temp. opening at TZ5 & Portion 19)	6d/wk	48d	04-Sep-15 08	02-Nov-15 18	0d													
S5_7400	TPCWAE - OHVD Slab AT Area A (access through temp. opening at TZ5 & Portion 19)	6d/wk	48d	04-Sep-15 08	02-Nov-15 18	0d													
S5_59840	Completion of Section 5 - TPCWAE Area (KD10), below -20mPD	7d/wk-2	0d		02-Nov-15 18*	0d													
Works in TPCWAW Area																			
TPCWAW - Temporary Reclamation																			
Temporary Reclamation -																			
S6_9440	TPCWAW - place levelling stone and tamping, South side	7d/wk-1	6d	15-Oct-14 08	20-Oct-14 18	-122d													
S6_9450	TPCWAW - place seawall block to +4 at South side (Qty: 569 nos. @ 50 nos/day)	7d/wk-1	12d	21-Oct-14 08	01-Nov-14 18	-122d													
S6_9465	TPCWAW - place levelling stone and tamping, North side	7d/wk-1	6d	02-Nov-14 08	07-Nov-14 18	-122d													
S6_9470	TPCWAW - place seawall blocks to +4 North side (Qty:672 nos @ 50 nos/day)	7d/wk-1	14d	08-Nov-14 08	21-Nov-14 18	-122d													
S6_9495	TPCWAW - General fill to +2 within the seawall	7d/wk-1	17d	15-Nov-14 08	01-Dec-14 18	-122d													
S6_9490	TPCWAW - place seawall blocks to +4 at the temporary opening	7d/wk-1	7d	02-Dec-14 08	08-Dec-14 18	-122d													
S6_9475	TPCWAW - Remaining General fill to +4 within the seawall	7d/wk-1	10d	09-Dec-14 08	18-Dec-14 18	-122d													
TPCWAW - Diaphragm Wall																			
Diaphragm Wall																			
S6_9385	Site investigation	7d/wk-1	49d	01-Dec-14 08	21-Jan-15 18	-113d													
S6_8960	Install guide wall	7d/wk-1	40d	17-Dec-14 08	28-Jan-15 18	-120d													
S6_8955	Curtain grout along proposed diaphragm wall	7d/wk-1	40d	19-Dec-14 08	30-Jan-15 18	-122d													
S6_9382	Set up bentonite silo/plants and equipments	7d/wk-1	30d	19-Dec-14 08	20-Jan-15 18	-112d													
S6_9345	Diaphragm wall construction (34 panels @ 3 panels/ week)	7d/wk-1	68d	30-Jan-15 08	14-Apr-15 18	-141d													
S6_9350	Install shear pins on diaphragm wall	7d/wk-1	40d	14-Mar-15 08	26-Apr-15 18	-133d													

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							Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	
S6_9355	Install king posts	7d/wk-1	40d	14-Mar-15 08	26-Apr-15 18	-133d			■						
S6_8970	Diaphragm Wall Pile test	7d/wk-1	40d	20-Mar-15 08	03-May-15 18	-129d			■						
S6_9375	Carry out contact/fissure grouting	7d/wk-1	29d	21-Mar-15 08	22-Apr-15 18	-141d			■						
TPCWAW- ELS Works															
ELS Works															
S6_9360	Install dewatering wells and piezometers	7d/wk-1	20d	30-Mar-15 08	22-Apr-15 18	-141d			■						
S6_9365	Install inclinometers inside D-wall	7d/wk-1	20d	15-Apr-15 08	05-May-15 18	-141d			■						
S6_8975	Carry out pumping tests	7d/wk-1	12d	23-Apr-15 08	05-May-15 18	-141d			■						
S6_8980	1st Layer - D Wall conc over break if any & Soft Excavation	7d/wk-1	10d	06-May-15 08	15-May-15 18	-141d			■						
S6_9260	Submit pumping test report	7d/wk-1	1d	06-May-15 08	06-May-15 18	-137d									
S6_8985	1st Layer - install lateral support	7d/wk-1	10d	16-May-15 08	26-May-15 18	-141d			■						
S6_8990	Install vibrating wire strain gauge	7d/wk-1	10d	16-May-15 08	26-May-15 18	-141d			■						
S6_8995	2nd Layer - D Wall conc over break if any & Soft Excavation	7d/wk-1	10d	18-May-15 08	28-May-15 18	-141d			■						
S6_9000	2nd Layer - install lateral support	7d/wk-1	10d	29-May-15 08	07-Jun-15 18	-141d			■						
S6_9005	3rd Layer - D Wall conc over break if any & Soft Excavation	7d/wk-1	10d	31-May-15 08	09-Jun-15 18	-141d			■						
S6_9010	3rd Layer - install lateral support	7d/wk-1	10d	10-Jun-15 08	19-Jun-15 18	-141d			■						
S6_9015	4th Layer - D Wall conc over break if any & Soft Excavation	7d/wk-1	10d	12-Jun-15 08	22-Jun-15 18	-141d			■						
S6_9020	4th Layer - install lateral support	7d/wk-1	10d	23-Jun-15 08	03-Jul-15 18	-141d			■						
S6_9025	5th Layer - D Wall conc over break if any & Soft Excavation	7d/wk-1	10d	25-Jun-15 08	05-Jul-15 18	-141d			■						
S6_9030	5th Layer - install lateral support	7d/wk-1	10d	27-Jun-15 08	07-Jul-15 18	-141d			■						
S6_9035	6th Layer - D Wall conc over break if any & Soft Excavation	7d/wk-1	10d	08-Jul-15 08	17-Jul-15 18	-141d			■						
S6_9040	6th Layer - install lateral support	7d/wk-1	10d	18-Jul-15 08	27-Jul-15 18	-69d			■						
TPCWAW - ROCK EXCAVATION															
S6_6180	Rock excavation to formation	7d/wk-1	112d	18-Jul-15 08	09-Nov-15 18	-141d			■						
S6_9370	Install tie back anchor to D- Walls (area on west side, near Portion 11)	7d/wk-1	25d	20-Jul-15 08	13-Aug-15 18	-69d			■						
S6_9415	Install tie back anchor to D- Walls (east area)	7d/wk-1	20d	20-Jul-15 08	08-Aug-15 18	-69d			■						
S6_9055	Provide Access to WDII Contractor for demolition of bulkhead at Portion 11	7d/wk-2	0d		10-Nov-15 18	-133d			◆						
TPCWAW- CCT RC Structure															
TPCWAW - CCT / OHVD															

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China State Construction Engineering (Hong Kong) Ltd

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

WORKS PROGRAMME REV. M

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中國建築工程(香港)有限公司
CHINA STATE CONSTRUCTION ENGINEERING HONG KONG LTD.

Activity ID	Activity Name	Calendar	Original Duration	Start	Finish	Total Float	2015				2016							
							Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3				
S6_9070	TPCWAW Construct tunnel base slab	7d/wk-1	50d	23-Oct-15 08	11-Dec-15 18	-141d												
S6_9075	TPCWAW Construct tunnel wall + OHVD + roof slab	7d/wk-1	80d	13-Nov-15 08	02-Feb-16 18	-141d												
S6_9077	TPCWAW - external waterproofing on top of completed CCT box (incl. screeding)	7d/wk-1	26d	03-Feb-16 08	28-Feb-16 18	-120d												
S6_9076	TPCWAW King post load transfer	7d/wk-1	26d	03-Feb-16 08	28-Feb-16 18	-120d												
TPCWAW - Removal of Temporary Reclamation																		
Removal of Temporary Reclamation																		
S6_9140	Backfilling/Removal of ELS/ Reinstatement of sea wall at Portion 11 (concurrent activities)	7d/wk-1	30d	17-Feb-16 08	17-Mar-16 18	-120d												
S6_9105	Remove general fill/ seawall block (concurrent activities)	7d/wk-1	25d	06-Mar-16 08	30-Mar-16 18	-120d												
S6_9120	Saw cut diaphragm wall	7d/wk-1	63d	21-Mar-16 08	23-May-16 18	-120d												
S6_7550	Completion of Section 6- (KD11), above -20mPD	7d/wk-2	0d		23-May-16 18	-121d												
TPCWAW -Cable Trough/ Maintenance Walkway																		
S6_9085	TPCWAW - Cable Trough (access through temp. opening at Portion 19)	7d/wk-2	24d	02-Mar-16 08	25-Mar-16 18	-144d												
S6_9135	Completion of Section 5 - TPCWAW Area (KD10), below -20mPD	7d/wk-2	0d		25-Mar-16 18	-144d												
Works in Wan Chai PCWA (Portion 11)																		
Initial Works & Utilities Works																		
S4_2810	Installation of Hoarding	7d/wk-1	24d	05-May-14 08 A	17-Oct-14 18	-58d												
S4_2720	Remove existing rock mound	7d/wk-1	24d	21-Oct-14 08	13-Nov-14 18	-61d												
S4_2750	Carry out Site Investigation for BW1/BW2	7d/wk-1	12d	21-Oct-14 08	01-Nov-14 18	-61d												
S4_2755	BW1/BW2 Engineers confirmation of provisional Barrettes	7d/wk-1	0d		07-Nov-14 18	-61d												
Allow Access to WDII																		
S4_2785	Complete Section 4 - Portion 11 (KD9)	7d/wk-2	0d		10-Nov-15 18	-132d												
S4_2775	Return Portion 11 to WDII	7d/wk-1	0d		10-Nov-15 18	-129d												
Works for Mined Tunnel (Portion 16, 17, 18)																		
SR8 (Tunnel Excavation + Lining)																		
From West (TPCWAE)																		
Heading Excavation (2d/m, 24h/day work shift, 7d/week, no work on statutory holiday)																		
A8676	SR8 Heading Excavation From West, CH 4095- 4107 = 8m @2d/m	7d/wk-1a	16d	03-Sep-14 08 A	28-Sep-14 18	164d												
Bench Excavation (1.5d-2d/m, 20m separation with heading)																		
A8700	SR8 Bench Excavation From West, CH 4055- 4065 = 10m	7d/wk-1a	20d	08-Sep-14 08 A	24-Sep-14 18	148d												

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CHINA STATE CONSTRUCTION ENGINEERING (HONG KONG) LTD.

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							Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	
A8705	SR8 Bench Excavation From West, CH 4065- 4075 = 10m	7d/wk-1a	20d	25-Sep-14 08	15-Oct-14 18	148d									
A8685	SR8 Bench Excavation From West, CH 4075- 4085 = 10m	7d/wk-1a	20d	16-Oct-14 08	04-Nov-14 18	148d									
A8680	SR8 Bench Excavation From West, CH 4085- 4095 = 10m	7d/wk-1a	20d	05-Nov-14 08	24-Nov-14 18	148d									
A8725	SR8 Bench Excavation From West, CH 4095- 4100 = 5m	7d/wk-1a	10d	25-Nov-14 08	04-Dec-14 18	148d									
From East (TS4)															
Heading Excavation (2d/m, 24h/day work shift, 7d/week, no work on statutory holiday)															
A8495	SR8 Heading Excavation From East CH 4115- 4107 = 8m @2d/m	7d/wk-1a	16d	15-Sep-14 08 A	28-Sep-14 18	10d									
Bench Excavation (1.5d/m, 20m separation with heading)															
A8455	SR8 Bench Excavation From East, CH 4147.5- 4135 = 12.5m	7d/wk-1a	19d	20-Sep-14 08	09-Oct-14 18	0d									
A8470	SR8 Bench Excavation From East, CH 4135- 4125 = 10m	7d/wk-1a	15d	10-Oct-14 08	24-Oct-14 18	0d									
A8460	SR8 Bench Excavation From East, CH 4125- 4115 = 10m	7d/wk-1a	15d	25-Oct-14 08	08-Nov-14 18	0d									
A8465	SR8 Bench Excavation From East, CH 4115- 4100 = 15m	7d/wk-1a	23d	09-Nov-14 08	01-Dec-14 18	0d									
Tunnel Lining Works															
From West - Base Slab (10m/bay, 10m separation with benching excavation)															
A8525	SR8, From West, CH 4015 - 4025 = 10m/bay, base slab	7d/wk-1a	10d	15-Sep-14 08 A	04-Oct-14 18	137d									
A8530	SR8, From West, CH 4025 - 4035 = 10m/bay, base slab	7d/wk-1a	10d	05-Oct-14 08	14-Oct-14 18	163d									
A8535	SR8, From West, CH 4035 - 4045 = 10m/bay, base slab	7d/wk-1a	8d	15-Oct-14 08	22-Oct-14 18	165d									
A8540	SR8, From West, CH 4045 - 4055 = 10m/bay, base slab	7d/wk-1a	8d	23-Oct-14 08	30-Oct-14 18	165d									
A8545	SR8, From West, CH 4055 - 4065 = 10m/bay, base slab	7d/wk-1a	8d	05-Nov-14 08	12-Nov-14 18	160d									
A8550	SR8, From West, CH 4065 - 4075 = 10m/bay, base slab	7d/wk-1a	8d	25-Nov-14 08	02-Dec-14 18	148d									
A8555	SR8, From West, CH 4075 - 4085 = 10m/bay, base slab	7d/wk-1a	8d	05-Dec-14 08	12-Dec-14 18	148d									
A8560	SR8, From West, CH 4085 - 4095 = 10m/bay, base slab	7d/wk-1a	8d	13-Dec-14 08	20-Dec-14 18	150d									
A8561	SR8, From West, CH 4095 - 4105 = 10m/bay, base slab	7d/wk-1a	8d	21-Dec-14 08	29-Dec-14 18	152d									
A8562	SR8, From West, CH 4105 - 4115 = 10m/bay, base slab	7d/wk-1a	8d	30-Dec-14 08	07-Jan-15 18	154d									
From West - Lining (5m/bay, 10m separation with base slab)															
A8575	SR8, From West, CH 3995 - 4000 = 1bay, lining	7d/wk-1a	9d	20-Sep-14 08	28-Sep-14 18	0d									
A8580	SR8, From West, CH 4000 - 4005 = 1bay, lining	7d/wk-1a	9d	05-Oct-14 08	13-Oct-14 18	137d									
A8585	SR8, From West, CH 4005 - 4010 = 1bay, lining	7d/wk-1a	9d	14-Oct-14 08	22-Oct-14 18	137d									
A8590	SR8, From West, CH 4010 - 4015 = 1bay, lining	7d/wk-1a	9d	23-Oct-14 08	31-Oct-14 18	137d									

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China State Construction Engineering (Hong Kong) Ltd
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							Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3			
A8595	SR8, From West, CH 4015 - 4020 = 1bay, lining	7d/wk-1a	9d	01-Nov-14 08	09-Nov-14 18	137d											
A8600	SR8, From West, CH 4020 - 4025 = 1bay, lining	7d/wk-1a	9d	10-Nov-14 08	18-Nov-14 18	137d											
A8605	SR8, From West, CH 4025 - 4030 = 1bay, lining	7d/wk-1a	5d	19-Nov-14 08	23-Nov-14 18	137d											
A8610	SR8, From West, CH 4030 - 4035 = 1bay, lining	7d/wk-1a	5d	24-Nov-14 08	28-Nov-14 18	137d											
A8615	SR8, From West, CH 4035 - 4040 = 1bay, lining	7d/wk-1a	5d	29-Nov-14 08	03-Dec-14 18	137d											
A8620	SR8, From West, CH 4040 - 4045 = 1bay, lining	7d/wk-1a	5d	04-Dec-14 08	08-Dec-14 18	137d											
A8625	SR8, From West, CH 4045 - 4050 = 1bay, lining	7d/wk-1a	5d	09-Dec-14 08	13-Dec-14 18	137d											
A8630	SR8, From West, CH 4050 - 4055 = 1bay, lining	7d/wk-1a	5d	14-Dec-14 08	18-Dec-14 18	137d											
A8635	SR8, From West, CH 4055 - 4060 = 1bay, lining	7d/wk-1a	5d	19-Dec-14 08	23-Dec-14 18	137d											
A8640	SR8, From West, CH 4060 - 4065 = 1bay, lining	7d/wk-1a	5d	24-Dec-14 08	29-Dec-14 18	137d											
A8645	SR8, From West, CH 4065 - 4070 = 1bay, lining	7d/wk-1a	5d	30-Dec-14 08	04-Jan-15 18	137d											
A8647	SR8, From West, CH 4070 - 4075 = 1bay, lining	7d/wk-1a	5d	05-Jan-15 08	09-Jan-15 18	137d											
A8648	SR8, From West, CH 4075 - 4080 = 1bay, lining	7d/wk-1a	5d	10-Jan-15 08	14-Jan-15 18	137d											
A8649	SR8, From West, CH 4080 - 4085 = 1bay, lining	7d/wk-1a	5d	15-Jan-15 08	19-Jan-15 18	137d											
A8651	SR8, From West, CH 4085 - 4090 = 1bay, lining	7d/wk-1a	5d	20-Jan-15 08	24-Jan-15 18	137d											
A8652	SR8, From West, CH 4090 - 4095 = 1bay, lining	7d/wk-1a	5d	25-Jan-15 08	29-Jan-15 18	137d											
A8653	SR8, From West, CH 4095 - 4100 = 1bay, lining	7d/wk-1a	5d	30-Jan-15 08	03-Feb-15 18	137d											
A8654	SR8, From West, CH 4100 - 4105 = 1bay, lining	7d/wk-1a	5d	04-Feb-15 08	08-Feb-15 18	137d											
From East - Base Slab (10m/bay, 10m separation with benching excavation)																	
A9775	SR8 From East, CH 4149.5 - 4145 = 4.5m, base slab	7d/wk-1a	8d	02-Dec-14 08	09-Dec-14 18	0d											
A9780	SR8 From East, CH 4145 - 4135 = 10m/bay, base slab	7d/wk-1a	8d	10-Dec-14 08	17-Dec-14 18	0d											
A9785	SR8 From East, CH 4135 - 4125 = 10m/bay, base slab	7d/wk-1a	8d	18-Dec-14 08	26-Dec-14 18	8d											
A9786	SR8 From East, CH 4125 - 4115 = 10m/bay, base slab	7d/wk-1a	8d	27-Dec-14 08	04-Jan-15 18	10d											
From East - Lining (5m/bay, 10m separation with base slab)																	
A9820	From East, SR8 CH 4149.5 - 4145 = 4.5m, 1 bay, lining	7d/wk-1a	5d	18-Dec-14 08	22-Dec-14 18	0d											
A9815	From East, SR8 CH 4145 - 4140 = 1bay, lining	7d/wk-1a	5d	23-Dec-14 08	28-Dec-14 18	6d											
A9810	From East, SR8 CH 4140 - 4135 = 1bay, lining	7d/wk-1a	5d	29-Dec-14 08	03-Jan-15 18	6d											
A9805	From East, SR8 CH 4135 - 4130 = 1bay, lining	7d/wk-1a	5d	04-Jan-15 08	08-Jan-15 18	6d											

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							Q4	Q1	Q2	Q3	Q4	Q1	Q2
A9870	From East, SR8 CH 4130 - 4125 = 1bay, lining	7d/wk-1a	5d	09-Jan-15 08	13-Jan-15 18	6d		■	From East, SR8 CH 4130 - 4125 = 1bay, lining				
A9800	From East, SR8 CH 4125 - 4120 = 1bay, lining	7d/wk-1a	5d	14-Jan-15 08	18-Jan-15 18	143d		■	From East, SR8 CH 4125 - 4120 = 1bay, lining				
A9860	From East, SR8 CH 4120 - 4115 = 1bay, lining	7d/wk-1a	5d	19-Jan-15 08	23-Jan-15 18	143d		■	From East, SR8 CH 4120 - 4115 = 1bay, lining				
A9855	From East, SR8 CH 4115 - 4110 = 1bay, lining	7d/wk-1a	5d	24-Jan-15 08	28-Jan-15 18	143d		■	From East, SR8 CH 4115 - 4110 = 1bay, lining				
A9850	From East, SR8 CH 4110 - 4105 = 1bay, lining	7d/wk-1a	5d	29-Jan-15 08	02-Feb-15 18	143d		■	From East, SR8 CH 4110 - 4105 = 1bay, lining				
OHVD(10m/bay) / Utility Trough													
A8570	SR8 Tunnel OHVD and utility trough =, 167= 17 bays @ 10m/bay @ 7d/bay	7d/wk-1a	120d	09-Feb-15 08	13-Jun-15 18	137d		■	SR8 Tunnel OHVD and utility trough =, 167= 17 bays @ 10m/bay @ 7d/bay				
EB Outer Tunnel Excavation													
From West (TPCWAE)													
Outer Bench Excavation (1.5d - 2d/m, 20m separation with heading)													
A9550	EB, Outer Bench From West, CH 4035- 4045 = 10m	7d/wk-1a	30d	07-Aug-14 08 A	20-Oct-14 18	135d	■	EB, Outer Bench From West, CH 4035- 4045 = 10m					
A9555	EB, Outer Bench From West, CH 4045- 4055 = 10m (2d/m)	7d/wk-1a	20d	20-Oct-14 08	08-Nov-14 18	135d	■	EB, Outer Bench From West, CH 4045- 4055 = 10m (2d/m)					
A9560	EB, Outer Bench From West, CH 4055- 4065 = 10m (2d/m)	7d/wk-1a	20d	09-Nov-14 08	28-Nov-14 18	135d	■	EB, Outer Bench From West, CH 4055- 4065 = 10m (2d/m)					
A9565	EB, Outer Bench From West, CH 4065- 4075 = 10m (2d/m)	7d/wk-1a	20d	29-Nov-14 08	18-Dec-14 18	135d	■	EB, Outer Bench From West, CH 4065- 4075 = 10m (2d/m)					
A9520	EB, Outer Bench From West, CH 4075- 4085 = 10m (2d/m)	7d/wk-1a	20d	19-Dec-14 08	09-Jan-15 18	135d	■	EB, Outer Bench From West, CH 4075- 4085 = 10m (2d/m)					
A9545	EB, Outer Bench From West, CH 4085- 4095 = 10m 1.5d/m)	7d/wk-1a	15d	10-Jan-15 08	24-Jan-15 18	135d	■	EB, Outer Bench From West, CH 4085- 4095 = 10m 1.5d/m)					
From East (TS4)													
Outer Bench Excavation (1.5d-2d/m, 20m separation with heading)													
A9605	EB, Outer Bench From East, CH 4147.5 - 4145 = 2.5m	7d/wk-1a	30d	20-Oct-14 08*	18-Nov-14 18	120d	■	EB, Outer Bench From East, CH 4147.5 - 4145 = 2.5m					
A9610	EB, Outer Bench From East, CH 4145- 4135 = 10m (2d/m)	7d/wk-1a	20d	19-Nov-14 08	08-Dec-14 18	120d	■	EB, Outer Bench From East, CH 4145- 4135 = 10m (2d/m)					
A9615	EB, Outer Bench From East, CH 4135- 4125 = 10m (2d/m)	7d/wk-1a	20d	09-Dec-14 08	29-Dec-14 18	120d	■	EB, Outer Bench From East, CH 4135- 4125 = 10m (2d/m)					
A9620	EB, Outer Bench From East, CH 4125- 4115 = 10m (2d/m)	7d/wk-1a	20d	30-Dec-14 08	19-Jan-15 18	120d	■	EB, Outer Bench From East, CH 4125- 4115 = 10m (2d/m)					
A9625	EB, Outer Bench From East, CH 4115- 4105 = 10m (2d/m)	7d/wk-1a	20d	20-Jan-15 08	08-Feb-15 18	120d	■	EB, Outer Bench From East, CH 4115- 4105 = 10m (2d/m)					
A9630	EB, Outer Bench From East, CH 4105- 4095 = 10m (1.5d/m)	7d/wk-1a	15d	09-Feb-15 08	26-Feb-15 18	120d	■	EB, Outer Bench From East, CH 4105- 4095 = 10m (1.5d/m)					
EB (Inner Tunnel Excavation + Lining)													
From West (TPCWAE)													
Inner Heading Excavation (2d/m, 24h/day work shift, 7d/week, no work on statutory holiday)													
A8805	EB, Inner Heading From West, CH 3992- 4005 = 13m @3d/m	7d/wk-1a	39d	29-Sep-14 08	07-Nov-14 18	0d	■	EB, Inner Heading From West, CH 3992- 4005 = 13m @3d/m					
A8815	EB, Inner Heading From West, CH 4005- 4015 = 10m @2d/m	7d/wk-1a	20d	08-Nov-14 08	27-Nov-14 18	0d	■	EB, Inner Heading From West, CH 4005- 4015 = 10m @2d/m					

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							Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3			
A8820	EB,Inner Heading From West , CH 4015- 4025 = 10m @2d/m	7d/wk-1a	20d	28-Nov-14 08	17-Dec-14 18	0d		■									
A8780	EB,Inner Heading From West, CH 4025- 4035 = 10m @2d/m	7d/wk-1a	20d	18-Dec-14 08	08-Jan-15 18	0d		■									
A8810	EB,Inner Heading From West , CH 4035- 4045 = 10m @2d/m	7d/wk-1a	20d	09-Jan-15 08	28-Jan-15 18	0d		■									
A8785	EB,Inner Heading From West , CH 4045- 4055 = 10m @2d/m	7d/wk-1a	20d	29-Jan-15 08	17-Feb-15 18	0d		■									
A8790	EB,Inner Heading From West, CH 4055- 4065 = 10m @ 2d/m	7d/wk-1a	20d	18-Feb-15 08	12-Mar-15 18	0d		■									
A8795	EB,Inner Heading From West , CH 4065- 4075 = 10m, @ 2d/m	7d/wk-1a	20d	13-Mar-15 08	01-Apr-15 18	0d		■									
A8800	EB,Inner Heading From West, CH 4075- 4085 = 10m @ 2d/m	7d/wk-1a	20d	02-Apr-15 08	22-Apr-15 18	0d		■									
A8825	EB,Inner Heading From West, CH 4085- 4095 = 10m @ 2d/m	7d/wk-1a	20d	23-Apr-15 08	13-May-15 18	0d		■									
Inner Bench Excavation (1.5-2d/m, 20m separation with heading)																	
A8765	EB, Inner Bench From West, CH 3992-4005 = 13m (2d/m)	7d/wk-1a	26d	08-Nov-14 08	03-Dec-14 18	23d		■									
A8770	EB, Inner Bench From West,CH 4005- 4015 = 10m	7d/wk-1a	15d	18-Dec-14 08	03-Jan-15 18	9d		■									
A8775	EB, Inner Bench From West,CH 4015- 4025 = 10m	7d/wk-1a	15d	09-Jan-15 08	23-Jan-15 18	4d		■									
A8735	EB, Inner Bench From West,CH 4025- 4035 = 10m	7d/wk-1a	15d	29-Jan-15 08	12-Feb-15 18	14d		■									
A8740	EB, Inner Bench From West,CH 4035- 4045 = 10m	7d/wk-1a	15d	18-Feb-15 08	07-Mar-15 18	11d		■									
A8745	EB, Inner Bench From West,CH 4045- 4055 = 10m	7d/wk-1a	15d	13-Mar-15 08	27-Mar-15 18	6d		■									
A8750	EB, Inner Bench From West,CH 4055- 4065 = 10m	7d/wk-1a	15d	02-Apr-15 08	17-Apr-15 18	1d		■									
A8755	EB, Inner Bench From West,CH 4065- 4075 = 10m	7d/wk-1a	15d	18-Apr-15 08	03-May-15 18	1d		■									
A8760	EB, Inner Bench From West,CH 4075- 4085 = 10m	7d/wk-1a	15d	05-May-15 08	19-May-15 18	0d		■									
A8761	EB, Inner Bench From West,CH 4085- 4095 = 10m	7d/wk-1a	15d	20-May-15 08	03-Jun-15 18	0d		■									
From East (TS4)																	
Inner Heading Excavation (3d/m, 24h/day work shift, 7d/week, no work on statutory holiday)																	
A8835	EB,Inner Heading From East, CH 4147.5 to 4145 = 2.5m, @ 3d/m	7d/wk-1a	8d	06-Jan-15 08	13-Jan-15 18	0d		■									
A8850	EB,Inner Heading From East, CH 4145- 4135 = 10m, @ 3d/m	7d/wk-1a	30d	14-Jan-15 08	12-Feb-15 18	0d		■									
A8830	EB,Inner Heading From East, CH 4135- 4125 = 10m @2d/m	7d/wk-1a	20d	13-Feb-15 08	07-Mar-15 18	0d		■									
A8840	EB,Inner Heading From East, CH 4125- 4115 = 10m @2d/m	7d/wk-1a	20d	08-Mar-15 08	27-Mar-15 18	0d		■									
A9910	EB,Inner Heading From East, CH 4115- 4105 = 10m @2d/m	7d/wk-1a	20d	28-Mar-15 08	17-Apr-15 18	0d		■									
A8845	EB,Inner Heading From East, CH 4105- 4095 = 10m @2d/m	7d/wk-1a	20d	18-Apr-15 08	08-May-15 18	0d		■									
Inner Bench Excavation (1.5d-2d/m, 20m separation with heading)																	
A8860	EB,Inner Bench From East, CH 4147.5 - 4145 = 2.5m	7d/wk-1a	4d	08-Mar-15 08	11-Mar-15 18	11d		■									

- Summary Bar
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China State Construction Engineering (Hong Kong) Ltd

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

WORKS PROGRAMME REV. M

Prepared by William Caluza			
Date	Revision	Checked	Approved
26-Sep...	1st submission		

中國建築工程(香港)有限公司
CHINA STATE CONSTRUCTION ENGINEERING (HONG KONG) LTD.

Activity ID	Activity Name	Calendar	Original Duration	Start	Finish	Total Float	2015				2016			
							Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
A8865	EB,Inner Bench From East, CH 4145- 4135 = 10m	7d/wk-1a	15d	12-Mar-15 08	26-Mar-15 18	11d			■ EB,Inner Bench From East, CH 4145- 4135 = 10m					
A8870	EB,Inner Bench From East, CH 4135- 4125 = 10m	7d/wk-1a	15d	28-Mar-15 08	12-Apr-15 18	10d			■ EB,Inner Bench From East, CH 4135- 4125 = 10m					
A8855	EB,Inner Bench From East, CH 4125- 4115 = 10m	7d/wk-1a	15d	18-Apr-15 08	03-May-15 18	5d			■ EB,Inner Bench From East, CH 4125- 4115 = 10m					
A8875	EB,Inner Bench From East, CH 4115- 4105 = 10m	7d/wk-1a	15d	09-May-15 08	23-May-15 18	0d			■ EB,Inner Bench From East, CH 4115- 4105 = 10m					
A9915	EB,Inner Bench From East, CH 4105- 4095 = 10m	7d/wk-1a	15d	24-May-15 08	08-Jun-15 18	0d			■ EB,Inner Bench From East, CH 4105- 4095 = 10m					
Tunnel Lining Works														
From West Base Slab (10m/bay, 10m separation with benching excavation)														
A8900	EB From West, Base Slab CH 3990 - 3995 = 1 bay	7d/wk-1a	10d	04-Dec-14 08	13-Dec-14 18	33d			■ EB From West, Base Slab CH 3990 - 3995 = 1 bay					
A8890	EB From West, Base Slab CH 3995 - 4005 = 10m/bay	7d/wk-1a	10d	04-Jan-15 08	13-Jan-15 18	14d			■ EB From West, Base Slab CH 3995 - 4005 = 10m/bay					
A8905	EB From West, Base Slab CH 4005 - 4015 = 10m/bay	7d/wk-1a	10d	24-Jan-15 08	02-Feb-15 18	4d			■ EB From West, Base Slab CH 4005 - 4015 = 10m/bay					
A8910	EB From West, Base Slab CH 4015 - 4025 = 10m/bay	7d/wk-1a	10d	13-Feb-15 08	25-Feb-15 18	14d			■ EB From West, Base Slab CH 4015 - 4025 = 10m/bay					
A8915	EB From West, Base Slab CH 4025 - 4035 = 10m/bay	7d/wk-1a	10d	08-Mar-15 08	17-Mar-15 18	12d			■ EB From West, Base Slab CH 4025 - 4035 = 10m/bay					
A8920	EB From West, Base Slab CH 4035 - 4045 = 10m/bay	7d/wk-1a	10d	28-Mar-15 08	07-Apr-15 18	8d			■ EB From West, Base Slab CH 4035 - 4045 = 10m/bay					
A8925	EB From West, Base Slab CH 4045 - 4055 = 10m/bay	7d/wk-1a	10d	18-Apr-15 08	27-Apr-15 18	4d			■ EB From West, Base Slab CH 4045 - 4055 = 10m/bay					
A8930	EB From West, Base Slab CH 4055 - 4065 = 10m/bay	7d/wk-1a	10d	04-May-15 08	13-May-15 18	5d			■ EB From West, Base Slab CH 4055 - 4065 = 10m/bay					
A8880	EB From West, Base Slab CH 4065 - 4075 = 10m/bay	7d/wk-1a	10d	20-May-15 08	29-May-15 18	5d			■ EB From West, Base Slab CH 4065 - 4075 = 10m/bay					
A8885	EB From West, Base Slab CH 4075 - 4085 = 10m/bay	7d/wk-1a	10d	04-Jun-15 08	13-Jun-15 18	0d			■ EB From West, Base Slab CH 4075 - 4085 = 10m/bay					
A8895	EB From West, Base Slab CH 4085 - 4095 = 10m/bay	7d/wk-1a	10d	14-Jun-15 08	24-Jun-15 18	0d			■ EB From West, Base Slab CH 4085 - 4095 = 10m/bay					
From East Base Slab (10m/bay, 10m separation with benching excavation)														
A9905	EB From East, Base Slab CH 4149.5 - 4145 = 4.5m	7d/wk-1a	10d	13-Apr-15 08	22-Apr-15 18	26d			■ EB From East, Base Slab CH 4149.5 - 4145 = 4.5m					
A9900	EB From East, Base Slab CH 4145 - 4135 = 10m/bay	7d/wk-1a	10d	04-May-15 08	13-May-15 18	16d			■ EB From East, Base Slab CH 4145 - 4135 = 10m/bay					
A9895	EB From East, Base Slab CH 4135 - 4125 = 10m/bay	7d/wk-1a	10d	24-May-15 08	02-Jun-15 18	6d			■ EB From East, Base Slab CH 4135 - 4125 = 10m/bay					
A9890	EB From East, Base Slab CH 4125 - 4115 = 10m/bay	7d/wk-1a	10d	09-Jun-15 08	18-Jun-15 18	0d			■ EB From East, Base Slab CH 4125 - 4115 = 10m/bay					
A9885	EB From East, Base Slab CH 4115 - 4105 = 10m/bay	7d/wk-1a	10d	19-Jun-15 08	29-Jun-15 18	0d			■ EB From East, Base Slab CH 4115 - 4105 = 10m/bay					
A9880	EB From East, Base Slab CH 4105 - 4095 = 10m/bay	7d/wk-1a	10d	30-Jun-15 08	10-Jul-15 18	0d			■ EB From East, Base Slab CH 4105 - 4095 = 10m/bay					
Lining (5m/bay, 15m separation with base slab)														
A9065	EB From West, Lining CH 3990 - 3995 = 1bay	7d/wk-1a	10d	03-Feb-15 08	12-Feb-15 18	4d			■ EB From West, Lining CH 3990 - 3995 = 1bay					
A9005	EB From West, Lining CH 3995 - 4000 = 1bay	7d/wk-1a	10d	13-Feb-15 08	25-Feb-15 18	4d			■ EB From West, Lining CH 3995 - 4000 = 1bay					
A9090	EB From West, Lining CH 4000 - 4005 = 1bay	7d/wk-1a	10d	26-Feb-15 08	07-Mar-15 18	4d			■ EB From West, Lining CH 4000 - 4005 = 1bay					

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China State Construction Engineering (Hong Kong) Ltd

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

WORKS PROGRAMME REV. M

Prepared by William Caluza

Date	Revision	Checked	Approved
26-Sep...	1st submission		



中國建築工程(香港)有限公司
CHINA STATE CONSTRUCTION ENGINEERING (HONG KONG) LTD.

Activity ID	Activity Name	Calendar	Original Duration	Start	Finish	Total Float	2015				2016		
							Q4	Q1	Q2	Q3	Q4	Q1	Q2
A9050	EB From West, Lining CH 4005 - 4010 = 1bay	7d/wk-1a	10d	08-Mar-15 08	17-Mar-15 18	4d			■ EB From West, Lining CH 4005 - 4010 = 1bay				
A9055	EB From West, Lining CH 4010 - 4015 = 1bay	7d/wk-1a	10d	18-Mar-15 08	27-Mar-15 18	4d			■ EB From West, Lining CH 4010 - 4015 = 1bay				
A9080	EB From West, Lining CH 4015 - 4020 = 1bay	7d/wk-1a	10d	26-Mar-15 08	05-Apr-15 18	4d			■ EB From West, Lining CH 4015 - 4020 = 1bay				
A9070	EB From West, Lining CH 4020 - 4025 = 1bay	7d/wk-1a	10d	03-Apr-15 08	13-Apr-15 18	4d			■ EB From West, Lining CH 4020 - 4025 = 1bay				
A9075	EB From West, Lining CH 4025 - 4030 = 1bay	7d/wk-1a	10d	12-Apr-15 08	21-Apr-15 18	4d			■ EB From West, Lining CH 4025 - 4030 = 1bay				
A9080	EB From West, Lining CH 4030 - 4035 = 1bay	7d/wk-1a	10d	20-Apr-15 08	29-Apr-15 18	4d			■ EB From West, Lining CH 4030 - 4035 = 1bay				
A9085	EB From West, Lining CH 4035 - 4040 = 1bay	7d/wk-1a	10d	28-Apr-15 08	08-May-15 18	4d			■ EB From West, Lining CH 4035 - 4040 = 1bay				
A9015	EB From West, Lining CH 4040 - 4045 = 1bay	7d/wk-1a	10d	07-May-15 08	16-May-15 18	4d			■ EB From West, Lining CH 4040 - 4045 = 1bay				
A9020	EB From West, Lining CH 4045 - 4050 = 1bay	7d/wk-1a	10d	15-May-15 08	24-May-15 18	4d			■ EB From West, Lining CH 4045 - 4050 = 1bay				
A9025	EB From West, Lining CH 4050 - 4055 = 1bay	7d/wk-1a	10d	23-May-15 08	01-Jun-15 18	4d			■ EB From West, Lining CH 4050 - 4055 = 1bay				
A9030	EB From West, Lining CH 4055 - 4060 = 1bay	7d/wk-1a	10d	31-May-15 08	09-Jun-15 18	4d			■ EB From West, Lining CH 4055 - 4060 = 1bay				
A9035	EB From West, Lining CH 4060 - 4065 = 1bay	7d/wk-1a	10d	07-Jun-15 08	16-Jun-15 18	4d			■ EB From West, Lining CH 4060 - 4065 = 1bay				
A9040	EB From West, Lining CH 4065 - 4070 = 1bay	7d/wk-1a	10d	14-Jun-15 08	24-Jun-15 18	4d			■ EB From West, Lining CH 4065 - 4070 = 1bay				
A9045	EB From West, Lining CH 4070 - 4075 = 1bay	7d/wk-1a	10d	25-Jun-15 08	05-Jul-15 18	0d			■ EB From West, Lining CH 4070 - 4075 = 1bay				
A8955	EB From West, Lining CH 4075 - 4080 = 1bay	7d/wk-1a	10d	30-Jun-15 08	10-Jul-15 18	0d			■ EB From West, Lining CH 4075 - 4080 = 1bay				
A8960	EB From West, Lining CH 4080 - 4085 = 1bay	7d/wk-1a	5d	11-Jul-15 08	15-Jul-15 18	0d			■ EB From West, Lining CH 4080 - 4085 = 1bay				
A8970	EB From West, Lining CH 4085 - 4090 = 1bay	7d/wk-1a	5d	16-Jul-15 08	20-Jul-15 18	0d			■ EB From West, Lining CH 4085 - 4090 = 1bay				
A8975	EB From West, Lining CH 4090 - 4095 = 1bay	7d/wk-1a	5d	21-Jul-15 08	25-Jul-15 18	0d			■ EB From West, Lining CH 4090 - 4095 = 1bay				
A8980	EB From West, Lining CH 4095 - 4100 = 1bay	7d/wk-1a	5d	26-Jul-15 08	30-Jul-15 18	0d			■ EB From West, Lining CH 4095 - 4100 = 1bay				
A8985	EB From West, Lining CH 4100 - 4105 = 1bay	7d/wk-1a	5d	31-Jul-15 08	04-Aug-15 18	0d			■ EB From West, Lining CH 4100 - 4105 = 1bay				
A8990	EB From West, Lining CH 4105 - 4110 = 1bay	7d/wk-1a	5d	05-Aug-15 08	09-Aug-15 18	0d			■ EB From West, Lining CH 4105 - 4110 = 1bay				
A8995	EB From West, Lining CH 4110 - 4115 = 1bay	7d/wk-1a	5d	10-Aug-15 08	14-Aug-15 18	0d			■ EB From West, Lining CH 4110 - 4115 = 1bay				
A9000	EB From West, Lining CH 4115 - 4120 = 1bay	7d/wk-1a	5d	15-Aug-15 08	19-Aug-15 18	0d			■ EB From West, Lining CH 4115 - 4120 = 1bay				
A9010	EB From West, Lining CH 4120 - 4125 = 1bay	7d/wk-1a	5d	20-Aug-15 08	24-Aug-15 18	0d			■ EB From West, Lining CH 4120 - 4125 = 1bay				
A8965	EB From West, Lining CH 4125 - 4130 = 1bay	7d/wk-1a	5d	25-Aug-15 08	29-Aug-15 18	0d			■ EB From West, Lining CH 4125 - 4130 = 1bay				
A8935	EB From West, Lining CH 4130 - 4135 = 1bay	7d/wk-1a	5d	30-Aug-15 08	03-Sep-15 18	0d			■ EB From West, Lining CH 4130 - 4135 = 1bay				
A8940	EB From West, Lining CH 4135 - 4140 = 1bay	7d/wk-1a	5d	04-Sep-15 08	08-Sep-15 18	0d			■ EB From West, Lining CH 4135 - 4140 = 1bay				
A8945	EB From West, Lining CH 4140 - 4145 = 1bay	7d/wk-1a	5d	09-Sep-15 08	13-Sep-15 18	0d			■ EB From West, Lining CH 4140 - 4145 = 1bay				
A8950	EB From West, Lining CH 4145 - 4149.5 = 4.5m	7d/wk-1a	5d	14-Sep-15 08	18-Sep-15 18	0d			■ EB From West, Lining CH 4145 - 4149.5 = 4.5m				

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China State Construction Engineering (Hong Kong) Ltd

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

WORKS PROGRAMME REV. M

Prepared by William Caluza			
Date	Revision	Checked	Approved
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Activity ID	Activity Name	Calendar	Original Duration	Start	Finish	Total Float	2015				2016					
							Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3		
OHVD(10m/bay) / Utility Trough																
A9095	EB From West OHVD and utility trough =, 167= 17 bays @ 10m/bay @ 7d/bay	7d/wk-1a	120d	03-Jul-15 08	02-Nov-15 18	0d										
WB Outer Tunnel Excavation																
From West (TPCWAE)																
Outer Heading Excavation (2d/m, 24h/day work shift, 7d/week, no work on statutory holiday)																
A9651	WB, Outer Heading From West, CH 4085- 4092.5 = 7.5m @ 2d/m	7d/wk-1a	15d	13-Sep-14 08 A	30-Sep-14 18	163d										
Outer Bench Excavation (1.5d-2d/m, 20m separation with heading)																
A9680	WB, Outer Bench From West, CH 4025- 4035 = 10m	7d/wk-1a	15d	12-Oct-14 08	26-Oct-14 18	163d										
A9665	WB, Outer Bench From West, CH 4035- 4045 = 10m	7d/wk-1a	15d	27-Oct-14 08	10-Nov-14 18	163d										
A9670	WB, Outer Bench From West, CH 4045- 4055 = 10m	7d/wk-1a	15d	11-Nov-14 08	25-Nov-14 18	163d										
A9675	WB, Outer Bench From West, CH 4055- 4065 = 10m	7d/wk-1a	15d	26-Nov-14 08	10-Dec-14 18	163d										
A9700	WB, Outer Bench From West, CH 4065- 4075 = 10m	7d/wk-1a	15d	11-Dec-14 08	26-Dec-14 18	163d										
A9701	WB, Outer Bench From West, CH 4075- 4082.5 = 7.5m	7d/wk-1a	15d	27-Dec-14 08	11-Jan-15 18	163d										
From East (TS4)																
Outer Heading Excavation (2d/m, 24h/day work shift, 7d/week, no work on statutory holiday)																
A9730	WB, Outer Heading From East, CH 4105- 4092.5 = 12.5m @2d/m	7d/wk-1a	25d	30-Aug-14 08 A	30-Sep-14 18	168d										
Outer Bench Excavation (1.5d-2d/m, 20m separation with heading)																
A9740	WB, Outer Bench From East, CH 4136- 4135 = 1m	7d/wk-1a	2d	12-Oct-14 08	13-Oct-14 18	168d										
A9770	WB, Outer Bench From East, CH 4135- 4125 = 10m	7d/wk-1a	15d	14-Oct-14 08	28-Oct-14 18	168d										
A9745	WB, Outer Bench From East, CH 4125- 4115 = 10m	7d/wk-1a	15d	28-Oct-14 08	11-Nov-14 18	168d										
A9750	WB, Outer Bench From East, CH 4115- 4105 = 10m	7d/wk-1a	15d	11-Nov-14 08	25-Nov-14 18	168d										
A9755	WB, Outer Bench From East, CH 4105- 4095 = 10m	7d/wk-1a	15d	26-Nov-14 08	10-Dec-14 18	168d										
A9760	WB, Outer Bench From East, CH 4095- 4082.5 = 12.5m	7d/wk-1a	25d	11-Dec-14 08	06-Jan-15 18	168d										
WB (Inner Tunnel Excavation + Lining)																
From West (TPCWAE)																
Inner Heading Excavation (2-3d/m, 24h/day work shift, 7d/week, no work on statutory holiday)																
A9130	WB, Inner Heading From West, CH 3993- 4005 = 12m @3d/m	7d/wk-1a	50d	29-Sep-14 08	18-Nov-14 18	0d										
A9135	WB, Inner Heading From West, CH 4005- 4015 = 10m @2d/m	7d/wk-1a	20d	19-Nov-14 08	08-Dec-14 18	0d										
A9140	WB, Inner Heading From West, CH 4015- 4025 = 10m @2d/m	7d/wk-1a	20d	09-Dec-14 08	29-Dec-14 18	0d										

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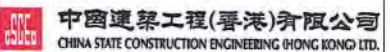
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China State Construction Engineering (Hong Kong) Ltd

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

WORKS PROGRAMME REV. M

Prepared by William Caluza			
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Activity ID	Activity Name	Calendar	Original Duration	Start	Finish	Total Float	2015				2016			
							Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
A9100	WB,Inner Heading From West, CH 4025- 4035 = 10m @2d/m	7d/wk-1a	20d	30-Dec-14 08	19-Jan-15 18	0d		■	WB,Inner Heading From West, CH 4025- 4035 = 10m @2d/m					
A9105	WB,Inner Heading From West, CH 4035- 4045 = 10m @2d/m	7d/wk-1a	20d	20-Jan-15 08	08-Feb-15 18	0d		■	WB,Inner Heading From West, CH 4035- 4045 = 10m @2d/m					
A9110	WB,Inner Heading From West, CH 4045- 4055 = 10m @2d/m	7d/wk-1a	20d	09-Feb-15 08	03-Mar-15 18	0d		■	WB,Inner Heading From West, CH 4045- 4055 = 10m @2d/m					
A9115	WB,Inner Heading From West, CH 4055- 4065 = 10m @ 2d/m	7d/wk-1a	20d	04-Mar-15 08	23-Mar-15 18	0d		■	WB,Inner Heading From West, CH 4055- 4065 = 10m @ 2d/m					
A9120	WB,Inner Heading From West, CH 4065- 4075 = 10m, @ 2d/m	7d/wk-1a	20d	24-Mar-15 08	13-Apr-15 18	0d		■	WB,Inner Heading From West, CH 4065- 4075 = 10m, @ 2d/m					
A9125	WB,Inner Heading From West, CH 4075- 4085 = 10m @ 2d/m	7d/wk-1a	20d	14-Apr-15 08	04-May-15 18	0d		■	WB,Inner Heading From West, CH 4075- 4085 = 10m @ 2d/m					
Inner Bench Excavation (1.5d-2d/m, 20m separation with heading)														
A9180	WB,Inner Bench From West, CH 3993- 4005 = 12m	7d/wk-1a	18d	30-Dec-14 08	17-Jan-15 18	27d		■	WB,Inner Bench From West, CH 3993- 4005 = 12m					
A9205	WB,Inner Bench From West, CH 4005- 4015 = 10m	7d/wk-1a	15d	20-Jan-15 08	03-Feb-15 18	25d		■	WB,Inner Bench From West, CH 4005- 4015 = 10m					
A9190	WB,Inner Bench From West, CH 4015- 4025 = 10m	7d/wk-1a	15d	09-Feb-15 08	26-Feb-15 18	20d		■	WB,Inner Bench From West, CH 4015- 4025 = 10m					
A9185	WB,Inner Bench From West, CH 4025- 4035 = 10m	7d/wk-1a	15d	04-Mar-15 08	18-Mar-15 18	15d		■	WB,Inner Bench From West, CH 4025- 4035 = 10m					
A9155	WB,Inner Bench From West, CH 4035- 4045 = 10m	7d/wk-1a	15d	24-Mar-15 08	08-Apr-15 18	10d		■	WB,Inner Bench From West, CH 4035- 4045 = 10m					
A9160	WB,Inner Bench From West, CH 4045- 4055 = 10m	7d/wk-1a	15d	14-Apr-15 08	28-Apr-15 18	5d		■	WB,Inner Bench From West, CH 4045- 4055 = 10m					
A9165	WB,Inner Bench From West, CH 4055- 4065 = 10m	7d/wk-1a	15d	05-May-15 08	19-May-15 18	0d		■	WB,Inner Bench From West, CH 4055- 4065 = 10m					
A9170	WB,Inner Bench From West, CH 4065- 4075 = 10m	7d/wk-1a	15d	20-May-15 08	03-Jun-15 18	0d		■	WB,Inner Bench From West, CH 4065- 4075 = 10m					
A9175	WB,Inner Bench From West, CH 4075- 4085 = 10m	7d/wk-1a	15d	04-Jun-15 08	18-Jun-15 18	0d		■	WB,Inner Bench From West, CH 4075- 4085 = 10m					
From East (TS4)														
Inner Heading Excavation (2d/m, 24h/day work shift, 7d/week, no work on statutory holiday)														
A9210	WB,Inner Heading From East, CH 4135- 4125 = 10m @2d/m	7d/wk-1a	20d	14-Jan-15 08	02-Feb-15 18	6d		■	WB,Inner Heading From East, CH 4135- 4125 = 10m @2d/m					
A9215	WB,Inner Heading From East, CH 4125- 4115 = 10m @2d/m	7d/wk-1a	20d	03-Feb-15 08	25-Feb-15 18	6d		■	WB,Inner Heading From East, CH 4125- 4115 = 10m @2d/m					
A9230	WB,Inner Heading From East, CH 4115- 4105 = 10m @2d/m	7d/wk-1a	20d	26-Feb-15 08	17-Mar-15 18	6d		■	WB,Inner Heading From East, CH 4115- 4105 = 10m @2d/m					
A9232	WB,Inner Heading From East, CH 4105- 4095 = 10m @2d/m	7d/wk-1a	20d	18-Mar-15 08	07-Apr-15 18	6d		■	WB,Inner Heading From East, CH 4105- 4095 = 10m @2d/m					
A9225	WB,Inner Heading From East, CH 4095- 4085 = 10m @2d/m	7d/wk-1a	20d	08-Apr-15 08	27-Apr-15 18	6d		■	WB,Inner Heading From East, CH 4095- 4085 = 10m @2d/m					
Inner Bench Excavation (1.5d-2d/m, 20m separation with heading)														
A9235	WB,Inner Bench From East, CH 4135- 4125 = 10m	7d/wk-1a	15d	18-Mar-15 08	01-Apr-15 18	16d		■	WB,Inner Bench From East, CH 4135- 4125 = 10m					
A9240	WB,Inner Bench From East, CH 4125- 4115 = 10m	7d/wk-1a	15d	08-Apr-15 08	22-Apr-15 18	11d		■	WB,Inner Bench From East, CH 4125- 4115 = 10m					
A9245	WB,Inner Bench From East, CH 4115- 4105 = 10m	7d/wk-1a	15d	28-Apr-15 08	13-May-15 18	6d		■	WB,Inner Bench From East, CH 4115- 4105 = 10m					
A9247	WB,Inner Bench From East, CH 4105- 4095 = 10m	7d/wk-1a	15d	14-May-15 08	28-May-15 18	6d		■	WB,Inner Bench From East, CH 4105- 4095 = 10m					
A9250	WB,Inner Bench From East, CH 4095- 4085 = 10m	7d/wk-1a	15d	29-May-15 08	12-Jun-15 18	6d		■	WB,Inner Bench From East, CH 4095- 4085 = 10m					

- Summary Bar
- Actual Level of Effort
- Actual Work
- Remaining Work
- Critical Remaining Work
- ◆ Milestone

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China State Construction Engineering (Hong Kong) Ltd

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

WORKS PROGRAMME REV. M

Prepared by William Caluza

Date	Revision	Checked	Approved
26-Sep...	1st submission		



中國建築工程(香港)有限公司
CHINA STATE CONSTRUCTION ENGINEERING (HONG KONG) LTD.

Activity ID	Activity Name	Calendar	Original Duration	Start	Finish	Total Float	2015				2016					
							Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3		
Tunnel Lining Works																
From West Base Slab (10m/bay, 10m separation with benching excavation)																
A9295	WB From West, Base Slab CH 3990 - 3995 = 5m bay	7d/wk-1a	10d	18-Jan-15 08	27-Jan-15 18	37d										
A9320	WB From West, Base Slab CH 3995 - 4005 = 10m/bay	7d/wk-1a	10d	04-Feb-15 08	13-Feb-15 18	30d										
A9255	WB From West, Base Slab CH 4005 - 4015 = 10m/bay	7d/wk-1a	10d	27-Feb-15 08	08-Mar-15 18	50d										
A9280	WB From West, Base Slab CH 4015 - 4025 = 10m/bay	7d/wk-1a	10d	19-Mar-15 08	28-Mar-15 18	40d										
A9265	WB From West, Base Slab CH 4025 - 4035 = 10m/bay	7d/wk-1a	10d	09-Apr-15 08	18-Apr-15 18	30d										
A9300	WB From West, Base Slab CH 4035 - 4045 = 10m/bay	7d/wk-1a	10d	29-Apr-15 08	09-May-15 18	20d										
A9325	WB From West, Base Slab CH 4045 - 4055 = 10m/bay	7d/wk-1a	10d	20-May-15 08	29-May-15 18	10d										
A9305	WB From West, Base Slab CH 4055 - 4065 = 10m/bay	7d/wk-1a	10d	04-Jun-15 08	13-Jun-15 18	5d										
A9310	WB From West, Base Slab CH 4065 - 4075 = 10m/bay	7d/wk-1a	10d	19-Jun-15 08	29-Jun-15 18	0d										
A9315	WB From West, Base Slab CH 4075 - 4080 = 5m	7d/wk-1a	10d	30-Jun-15 08	10-Jul-15 18	0d										
From East Base Slab (10m/bay, 10m separation with benching excavation)																
A9960	WB From East, Base Slab CH 4135 - 4125 = 10m/bay	7d/wk-1a	10d	23-Apr-15 08	03-May-15 18	26d										
A9955	WB From East, Base Slab CH 4125 - 4115 = 10m/bay	7d/wk-1a	10d	14-May-15 08	23-May-15 18	16d										
A9950	WB From East, Base Slab CH 4115 - 4105 = 10m/bay	7d/wk-1a	10d	29-May-15 08	07-Jun-15 18	11d										
A9945	WB From East, Base Slab CH 4105 - 4095 = 10m/bay	7d/wk-1a	10d	13-Jun-15 08	23-Jun-15 18	6d										
A9940	WB From East, Base Slab CH 4095 - 4085 = 10m/bay	7d/wk-1a	10d	24-Jun-15 08	04-Jul-15 18	6d										
A9941	WB From East, Base Slab CH 4085 - 4080 = 5m	7d/wk-1a	10d	05-Jul-15 08	14-Jul-15 18	6d										
Lining (5m/bay, 10m separation with base slab)																
A9430	WB From West, Lining CH 3990 - 3995 = 1bay	7d/wk-1a	7d	14-Feb-15 08	23-Feb-15 18	30d										
A9470	WB From West, Lining CH 3995 - 4000 = 1bay	7d/wk-1a	7d	24-Feb-15 08	02-Mar-15 18	30d										
A9435	WB From West, Lining CH 4000 - 4005 = 1bay	7d/wk-1a	7d	03-Mar-15 08	09-Mar-15 18	30d										
A9360	WB From West, Lining CH 4005 - 4010 = 1bay	7d/wk-1a	7d	10-Mar-15 08	16-Mar-15 18	30d										
A9365	WB From West, Lining CH 4010 - 4015 = 1bay	7d/wk-1a	7d	17-Mar-15 08	23-Mar-15 18	30d										
A9370	WB From West, Lining CH 4015 - 4020 = 1bay	7d/wk-1a	7d	24-Mar-15 08	30-Mar-15 18	30d										
A9375	WB From West, Lining CH 4020 - 4025 = 1bay	7d/wk-1a	7d	31-Mar-15 08	07-Apr-15 18	30d										
A9380	WB From West, Lining CH 4025 - 4030 = 1bay	7d/wk-1a	7d	08-Apr-15 08	14-Apr-15 18	30d										
A9385	WB From West, Lining CH 4030 - 4035 = 1bay	7d/wk-1a	7d	15-Apr-15 08	21-Apr-15 18	30d										

- ▬ Summary Bar
- ▬ Actual Level of Effort
- ▬ Actual Work
- ▬ Remaining Work
- ▬ Critical Remaining Work
- ◆ Milestone

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China State Construction Engineering (Hong Kong) Ltd

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

WORKS PROGRAMME REV. M

Prepared by William Kaluza

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中國建築工程(香港)有限公司
CHINA STATE CONSTRUCTION ENGINEERING (HONG KONG) LTD.

Activity ID	Activity Name	Calendar	Original Duration	Start	Finish	Total Float	2015				2016		
							Q4	Q1	Q2	Q3	Q4	Q1	Q2
A9390	WB From West, Lining CH 4035 - 4040 = 1bay	7d/wk-1a	7d	22-Apr-15 08	28-Apr-15 18	30d			■ WB From West, Lining CH 4035 - 4040 = 1bay				
A9330	WB From West, Lining CH 4040 - 4045 = 1bay	7d/wk-1a	7d	29-Apr-15 08	06-May-15 18	30d			■ WB From West, Lining CH 4040 - 4045 = 1bay				
A9335	WB From West, Lining CH 4045 - 4050 = 1bay	7d/wk-1a	7d	07-May-15 08	13-May-15 18	30d			■ WB From West, Lining CH 4045 - 4050 = 1bay				
A9340	WB From West, Lining CH 4050 - 4055 = 1bay	7d/wk-1a	7d	14-May-15 08	20-May-15 18	30d			■ WB From West, Lining CH 4050 - 4055 = 1bay				
A9345	WB From West, Lining CH 4055 - 4060 = 1bay	7d/wk-1a	7d	21-May-15 08	27-May-15 18	30d			■ WB From West, Lining CH 4055 - 4060 = 1bay				
A9350	WB From West, Lining CH 4060 - 4065 = 1bay	7d/wk-1a	7d	28-May-15 08	03-Jun-15 18	30d			■ WB From West, Lining CH 4060 - 4065 = 1bay				
A9355	WB From West, Lining CH 4065 - 4070 = 1bay	7d/wk-1a	5d	04-Jun-15 08	08-Jun-15 18	30d			■ WB From West, Lining CH 4065 - 4070 = 1bay				
A9415	WB From West, Lining CH 4070 - 4075 = 1bay	7d/wk-1a	5d	11-Jul-15 08	15-Jul-15 18	0d			■ WB From West, Lining CH 4070 - 4075 = 1bay				
A9475	WB From West, Lining CH 4075 - 4080 = 1bay	7d/wk-1a	5d	16-Jul-15 08	20-Jul-15 18	0d			■ WB From West, Lining CH 4075 - 4080 = 1bay				
A9440	WB From West, Lining CH 4080 - 4085 = 1bay	7d/wk-1a	5d	21-Jul-15 08	25-Jul-15 18	0d			■ WB From West, Lining CH 4080 - 4085 = 1bay				
A9445	WB From West, Lining CH 4085 - 4090 = 1bay	7d/wk-1a	5d	26-Jul-15 08	30-Jul-15 18	0d			■ WB From West, Lining CH 4085 - 4090 = 1bay				
A9450	WB From West, Lining CH 4090 - 4095 = 1bay	7d/wk-1a	5d	31-Jul-15 08	04-Aug-15 18	0d			■ WB From West, Lining CH 4090 - 4095 = 1bay				
A9455	WB From West, Lining CH 4095 - 4100 = 1bay	7d/wk-1a	5d	05-Aug-15 08	09-Aug-15 18	0d			■ WB From West, Lining CH 4095 - 4100 = 1bay				
A9420	WB From West, Lining CH 4100 - 4105 = 1bay	7d/wk-1a	5d	10-Aug-15 08	14-Aug-15 18	0d			■ WB From West, Lining CH 4100 - 4105 = 1bay				
A9425	WB From West, Lining CH 4105 - 4110 = 1bay	7d/wk-1a	5d	15-Aug-15 08	19-Aug-15 18	0d			■ WB From West, Lining CH 4105 - 4110 = 1bay				
A9460	WB From West, Lining CH 4110 - 4115 = 1bay	7d/wk-1a	5d	20-Aug-15 08	24-Aug-15 18	0d			■ WB From West, Lining CH 4110 - 4115 = 1bay				
A9465	WB From West, Lining CH 4115 - 4120 = 1bay	7d/wk-1a	5d	25-Aug-15 08	29-Aug-15 18	0d			■ WB From West, Lining CH 4115 - 4120 = 1bay				
A9395	WB From West, Lining CH 4120 - 4125 = 1bay	7d/wk-1a	5d	30-Aug-15 08	03-Sep-15 18	0d			■ WB From West, Lining CH 4120 - 4125 = 1bay				
A9400	WB From West, Lining CH 4125 - 4130 = 1bay	7d/wk-1a	5d	04-Sep-15 08	08-Sep-15 18	0d			■ WB From West, Lining CH 4125 - 4130 = 1bay				
A9405	WB From West, Lining CH 4130 - 4135 = 1bay	7d/wk-1a	5d	09-Sep-15 08	13-Sep-15 18	0d			■ WB From West, Lining CH 4130 - 4135 = 1bay				
A9410	WB From West, Lining CH 4135 - 4136.5 = 1bay	7d/wk-1a	5d	14-Sep-15 08	18-Sep-15 18	0d			■ WB From West, Lining CH 4135 - 4136.5 = 1bay				
OHVD(10m/bay) / Utility Trough													
A9480	WB From West OHVD and utility trough =, 153= 16 bays @ 10m/bay @ 7d/bay	7d/wk-1a	115d	08-Jul-15 08	02-Nov-15 18	0d			■ WB From West OHVD and utility trough =, 153= 16 bays @ 10				
Completion of KD10- Section 5													
A8445	KD10- Section 2: Completion of Mined Tunnel Works (orig. Target KD10- 2 Nov 2015)	7d/wk-2	0d		02-Nov-15 18*	0d							◆ KD10- Section 2: Completion of Mined Tunnel Works (orig. Tar
Interface works with other Contracts													
S5_60115	Handover TZ6 to MTR	7d/wk-2	0d		30-Sep-14 18	-249d			◆ Handover TZ6 to MTR				
S6_5283	Handover TZ4 to CWB(T2)	7d/wk-2	0d		10-Nov-14 18	-290d			◆ Handover TZ4 to CWB(T2)				
S6_5275	Provide access to CWB (CC) Contractor- TS1 & TS2	7d/wk-2	0d		21-Nov-14 18*	-85d			◆ Provide access to CWB (CC) Contractor- TS1 & TS2				

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

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China State Construction Engineering (Hong Kong) Ltd

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

WORKS PROGRAMME REV. M

Prepared by William Caluza			
Date	Revision	Checked	Approved
26-Sep...	1st submission		



Activity ID	Activity Name	Calendar	Original Duration	Start	Finish	Total Float	2015				2016			
							Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
SB_5280	Provide access to CWB (CC) Contractor- TS4, TPCWA, Mined Tunnel	7d/wk-2	0d		31-Mar-16 18*	-124d								◆ Provide access to CWB (CC) C
Stage and Section Completion														
KD_5735	KD8 - Completion of Section 3, (1326d)	7d/wk-2	0d		30-Sep-14 18*	-86d	◆ KD8 - Completion of Section 3, (1326d)							
KD_5720	KD5 - Achievement of Stage 5, (1152d)	7d/wk-2	0d		16-Oct-14 18*	-323d	◆ KD5 - Achievement of Stage 5, (1152d)							
KD_5760	KD13 - Completion of Section 7B, (1152d)	7d/wk-2	0d		17-Nov-14 18*	-353d	◆ KD13 - Completion of Section 7B, (1152d)							
KD_5730	KD7 - Completion of Section 2, (1152d)	7d/wk-2	0d		17-Nov-14 18*	-297d	◆ KD7 - Completion of Section 2, (1152d)							
KD_5740	KD9 - Completion of Section 4, (1739d)	7d/wk-2	0d		10-Nov-15 18*	-132d							◆ KD9 - Completion of Section 4, (1739d)	
KD_5745	KD10 - Completion of Section 5, (1863d)	7d/wk-2	0d		25-Mar-16 18	-144d							◆ KD10 - Completion of Section 5, (
KD_5750	KD11 - Completion of Section 6, (1949d)	7d/wk-2	0d		23-May-16 18*	-121d							◆ KD11 - Completion of	
Portion Handover Date														
CD_5685	Portion Handover - Portion IV(4), KD8 +28	7d/wk-2	0d		28-Oct-14 18*	-50d	◆ Portion Handover - Portion IV(4), KD8 +28							
CD_5680	Portion Handover - Portion V (5), KD8 +28	7d/wk-2	0d		28-Oct-14 18*	-50d	◆ Portion Handover - Portion V (5), KD8 +28							
CD_5695	Portion Handover - Portion VI (6), KD8 +28	7d/wk-2	0d		28-Oct-14 18*	-50d	◆ Portion Handover - Portion VI (6), KD8 +28							
CD_5735	Portion Handover - Portion XIII (13B), KD8 +28	7d/wk-2	0d		28-Oct-14 18*	-50d	◆ Portion Handover - Portion XIII (13B), KD8 +28							
CD_5790	Portion Handover - Portion XXII (22), KD8 +28	7d/wk-2	0d		28-Oct-14 18*	-50d	◆ Portion Handover - Portion XXII (22), KD8 +28							
CD_5670	Portion Handover - Portion III (3), KD8 +28	7d/wk-2	0d		28-Oct-14 18*	-50d	◆ Portion Handover - Portion III (3), KD8 +28							
CD_5720	Portion Handover - Portion XIII (13A), KD7 +28	7d/wk-2	0d		15-Dec-14 18*	-79d	◆ Portion Handover - Portion XIII (13A), KD7 +28							
CD_5705	Portion Handover - Portion VIII (8), KD7 +28	7d/wk-2	0d		15-Dec-14 18*	-79d	◆ Portion Handover - Portion VIII (8), KD7 +28							
CD_5730	Portion Handover - Portion XIV (14A), KD7 +28	7d/wk-2	0d		15-Dec-14 18*	-79d	◆ Portion Handover - Portion XIV (14A), KD7 +28							
CD_5740	Portion Handover - Portion XV (15), KD7 +28	7d/wk-2	0d		15-Dec-14 18*	-79d	◆ Portion Handover - Portion XV (15), KD7 +28							
CD_5805	Portion Handover - Portion XXIII (23), KD7 +28	7d/wk-2	0d		15-Dec-14 18*	-79d	◆ Portion Handover - Portion XXIII (23), KD7 +28							
CD_5775	Portion Handover - Portion XVIII (18), KD10 +28	7d/wk-2	0d		30-Nov-15 18*	0d							◆ Portion Handover - Portion XVIII (18), KD10 +28	
CD_5710	Portion Handover - Portion XI (11), KD9 +28	7d/wk-2	0d		27-Dec-15 18*	0d							◆ Portion Handover - Portion XI (11), KD9 +28	
CD_5700	Portion Handover - Portion IX (9), KD10 +28	7d/wk-2	0d		22-Apr-16 18*	-52d							◆ Portion Handover - Portion	
CD_5745	Portion Handover - Portion XIV (14B), KD10 +28	7d/wk-2	0d		22-Apr-16 18*	-52d							◆ Portion Handover - Portion	
CD_5755	Portion Handover - Portion XVI (16), KD10 +28	7d/wk-2	0d		22-Apr-16 18*	-52d							◆ Portion Handover - Portion	
CD_5750	Portion Handover - Portion XVII (17), KD10 +28	7d/wk-2	0d		22-Apr-16 18*	-52d							◆ Portion Handover - Portion	
CD_5760	Portion Handover - Portion XIX (19), KD10 +28	7d/wk-2	0d		22-Apr-16 18*	-52d							◆ Portion Handover - Portion	
CD_5780	Portion Handover - Portion XX (20B), KD10 +28	7d/wk-2	0d		22-Apr-16 18*	-52d							◆ Portion Handover - Portion	

- █ Summary Bar
- ▬ Actual Level of Effort
- █ Actual Work
- █ Remaining Work
- █ Critical Remaining Work
- ◆ Milestone

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China State Construction Engineering (Hong Kong) Ltd

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

WORKS PROGRAMME REV. M

Prepared by William Caluza

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中國建築工程(香港)有限公司
CHINA STATE CONSTRUCTION ENGINEERING (HONG KONG) LTD.

Activity ID	Activity Name	Calendar	Original Duration	Start	Finish	Total Float	2015				2016			
							Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
CD_5690	Portion Handover - Portion VII (7), KD11 +28	7d/wk-2	0d		20-Jun-16 18	0d								◆ Portion Handov
CD_5725	Portion Handover - Portion XII (12), KD11 +28	7d/wk-2	0d		20-Jun-16 18	0d								◆ Portion Handov
CD_5715	Portion Handover - Portion X (10), KD11 +28	7d/wk-2	0d		20-Jun-16 18	0d								◆ Portion Handov
CD_5785	Portion Handover - Portion XXA (20A), KD11 +28	7d/wk-2	0d		20-Jun-16 18	0d								◆ Portion Handov
CD_5795	Portion Handover - Portion XXI (21), KD11 +28	7d/wk-2	0d		20-Jun-16 18	0d								◆ Portion Handov

- Summary Bar
- Actual Level of Effort
- Actual Work
- Remaining Work
- Critical Remaining Work
- ◆ ◆ Milestone

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China State Construction Engineering (Hong Kong) Ltd

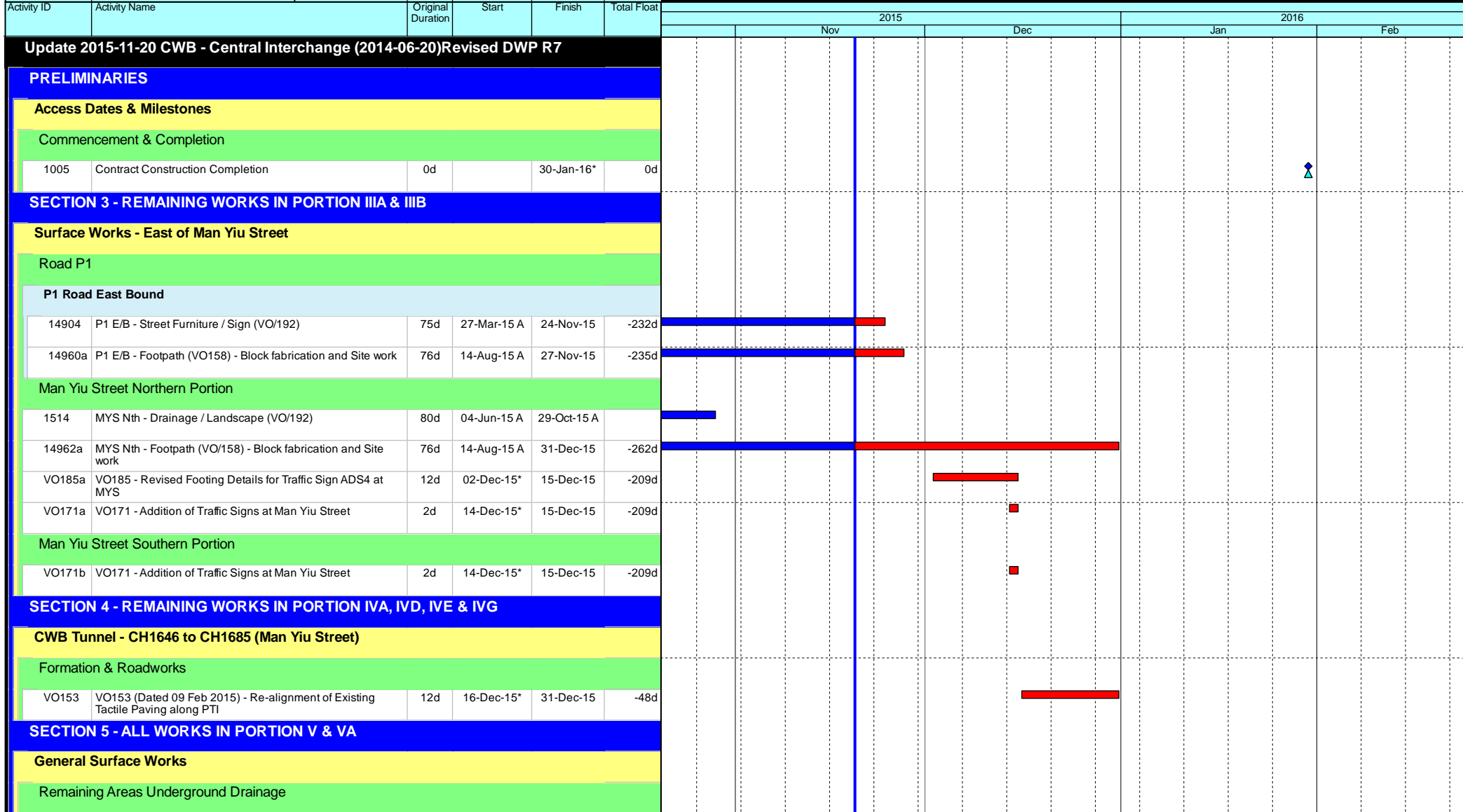
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CHINA STATE CONSTRUCTION ENGINEERING (HONG KONG) LTD.



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

Leighton Contractors (Asia) Limited
Programme Update 62 (November 2015)
THREE MONTH ROLLING

Project ID: U062
 Baseline: DCP7-2c
 Layout: Update Three Month Rolling U062
 Page 1 of 5

Date	Revision	Checked	Appro...
20-Oct-15	U061	AT	AL
20-Nov-15	U062	AT	AL

Data Date: 20-Nov-15

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	2015				2016			
						Nov		Dec		Jan		Feb	
						Actual	Remaining	Actual	Remaining	Actual	Remaining	Actual	Remaining
14976	Area X (excluding construction of Foul & Storm Drain - VO V/21)	37d	16-Sep-15 A	27-Nov-15	-317d								
Remaining Areas Road Works													
14934	Area 7a	37d	16-Sep-15 A	30-Dec-15	-343d								
14936	Area 7b	34d	19-Sep-15 A	30-Dec-15	-84d								
CWB Trough B - CH1360 to CH1480													
Preliminaries													
VO148	VO148 - Revision of Planter between Man Po Street and Finance Street	12d	12-Oct-15 A	25-Nov-15	-19d								
1533	V - Permanent Reinstate Finance Street for TTA6 (Both lanes) - (VO V/021)	26d	16-Nov-15 A	15-Dec-15	-36d								
Trough Structure													
Trough Phase 2a													
1307	TRB - Construction of Foul & Storm Drain (VO V/021) - 19 days delay by CC steel pipe & 6 days inclement weather	98d	20-Apr-15 A	30-Nov-15	-301d								
1309	TRB - Backfill - 2a South Wall (VO V/021) - 19 days delay by CC steel pipe & 6 days inclement weather	92d	27-Apr-15 A	10-Dec-15	-310d								
VO163	VO163 - CCTV Inspection of Existing Downstream Pipe to Manhole SMH7032208	2d	14-Dec-15*	15-Dec-15	-36d								
Trough Internal Works													
2140	TRB - Construct Roadside Service Ducts / Barrier - 19 days delay by CC steel pipe & 6 days inclement weather	71d	20-Apr-15 A	29-Dec-15	-342d								
14982	TRB - Type II railing installation	38d	17-Aug-15 A	15-Dec-15	-36d								
VO174	VO174 - Revised Details of Roadside Barrier at Trough B	12d	16-Dec-15*	31-Dec-15	-48d								
VO177	VO177 - Emergency Access Gate at Trough Structure B	6d	25-Jan-16*	30-Jan-16	-73d								
SECTION 6 - ALL WORKS IN PORTION VI													
Bridge B													
Bridge Furniture & Finishes													
2240	BRB - Road Pavement & Finishes	50d	23-Nov-15*	22-Jan-16	-41d								
General Surface Works													
Formation & Roadworks - Man Kwong Street West Bound													
1783	MKSIVIWB - Roadworks (Ch 275-411)	180d	19-Aug-14 A	28-Nov-15	-53d								

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

Leighton Contractors (Asia) Limited Programme Update 62 (November 2015) THREE MONTH ROLLING

Project ID: U062
 Baseline: DCP7-2c
 Layout: Update Three Month Rolling U062
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Date	Revision	Checked	Appro...
20-Oct-15	U061	AT	AL
20-Nov-15	U062	AT	AL

Data Date: 20-Nov-15

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	Gantt Chart											
						2015				2016							
						Nov	Dec	Jan	Feb	Nov	Dec	Jan	Feb				
Retaining Wall A																	
2480	RWA - Construct Retaining Wall A - Base Structure	108d	25-Jul-15 A	17-Nov-15 A													
1102	RWA - Construct Retaining Wall A - Wall Structure	108d	08-Aug-15 A	11-Dec-15	-52d												
2490	RWA - Removal of Temporary Works and Backfill to Formation Level	30d	12-Dec-15	19-Jan-16	-52d												
VO196b	VO196 (Dated 24 Jun 2015) - Re-provision of Drainage System for the Construction of Retaining Walls A and B	18d	16-Jan-16*	05-Feb-16	-5d												
Retaining Wall B																	
2630	RWB - Construct Retaining Wall B - Base Structure	60d	03-Aug-15 A	04-Nov-15 A													
1103	RWB - Construct Retaining Wall B - Wall Structure	60d	27-Aug-15 A	02-Jan-16	-44d												
2640	RWB - Removal of Temporary Works & Backfill to Formation Level	30d	03-Dec-15	09-Jan-16	-44d												
VO196a	VO196 (Dated 24 Jun 2015) - Re-provision of Drainage System for the Construction of Retaining Walls A and B	18d	16-Jan-16*	05-Feb-16	-5d												
Formation & Roadworks																	
Irrigation System																	
14918	Area IX	24d	01-Dec-15	30-Dec-15	-102d												
14914	Area VII	24d	31-Dec-15	28-Jan-16	-102d												
14916	Area VIII	24d	20-Jan-16	23-Feb-16	-39d												
14912	Area VI	24d	29-Jan-16	03-Mar-16	-102d												
Underground Drainage																	
1810	Area I / IIb	35d	18-Sep-15 A	30-Dec-15	-78d												
1812	Area IIa	39d	19-Sep-15 A	02-Jan-16	-86d												
VO143	VO143 (Dated 18 Dec 2014) - Connection Down Pipe From Footbridge 4 with Existing Manhole SMH7032196	6d	20-Nov-15*	26-Nov-15	-21d												
VO197	VO197 (Dated 03 Jul 2015) - Inspection of Existing Manholes and Manhole Modification	12d	19-Dec-15*	05-Jan-16	-40d												
14966	Area V	25d	20-Jan-16	24-Feb-16	-52d												
Roadworks																	
VO157	VO157 (Dated 02 Mar 2015) - Modification of Planters next to Man Kat Street RCP with Paving Blocks	11d	19-Oct-15 A	30-Nov-15	44d												
14924	Area 2	48d	07-Nov-15 A	02-Jan-16	-86d												

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

Leighton Contractors (Asia) Limited Programme Update 62 (November 2015) THREE MONTH ROLLING

Project ID: U062
 Baseline: DCP7-2c
 Layout: Update Three Month Rolling U062
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Date	Revision	Checked	Appro...
20-Oct-15	U061	AT	AL
20-Nov-15	U062	AT	AL

Data Date: 20-Nov-15

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	Gantt Chart											
						2015				2016							
						Nov	Dec	Jan	Feb	Nov	Dec	Jan	Feb				
VO205	VO205 (Dated 31 Jul 2015) - Felling and Replacement of Tree No. T2006	2d	14-Nov-15 A	16-Nov-15 A													
VO173	VO173 (Dated 04 May 2015) - Revision of Traffic Sign TS272	1d	20-Nov-15*	20-Nov-15	-70d												
14926	Area 3	48d	02-Dec-15	29-Jan-16	-41d												
VO149	VO149 (Dated 23 Jan 2015) - Inspection Pits at Connaught Road Central	6d	09-Dec-15*	15-Dec-15	37d												
VO189	VO189 (Dated 20 May 2015) - Revised General Arrangement of the Mounting Post for Height Detector	6d	15-Dec-15*	21-Dec-15	-90d												
VO150	VO150 (Dated 03 Jul 2015) - Replacement of Damaged Lattice	18d	22-Dec-15*	14-Jan-16	-90d												
14932	Area 6	24d	20-Jan-16	23-Feb-16	-39d												
14922	Area 1a /Area 1b	24d	29-Jan-16	03-Mar-16	-102d												
14928	Area 4	18d	30-Jan-16	26-Feb-16	-41d												
Bridge A																	
Bridge Furniture & Finishes																	
VO193	VO193 - Revised sign code of traffic sign TS174	0d	31-Dec-15*	31-Dec-15	26d												
Elevated Layby at Rumsey Street Flyover East Bound																	
Bridge Structure																	
1381	RSFLB - Construct Stitch	1d	24-Oct-15 A	24-Oct-15 A													
VO176_1	VO176 (Dated 07 May 2015) / VO190 (Dated 01 Jun 2015) - Rumsey Street Flyover (Noise Permit for night work)	28d	30-Nov-15*	04-Jan-16	-21d												
VO176_1	VO176 (Dated 07 May 15) / VO190 (Dated 01 Jun 15) - Rumsey Street Flyover (Soffit & parapet edge - night work)	15d	30-Nov-15	16-Dec-15	-21d												
VO176_1	VO176 (Dated 07 May 15) / VO190 (Dated 01 Jun 15) - Rumsey Street Flyover (Central Barrier- night work)	72d	30-Nov-15	02-Mar-16	-21d												
VO181	VO181 (Dated 12 May 2015) - Inspection of Base Plate of Existing Gantry GS2(HSN48) at Rumsey Street Flyover	6d	04-Dec-15*	10-Dec-15	41d												
14984	RSFLB - Construction of sign gantries (FADS01)	40d	15-Dec-15*	02-Feb-16	-42d												
SECTION 7, 7A, 7B & 7C - LANDSCAPE ESTABLISHMENT																	
4020	EST - Portion IVD Landscape Establishment	365d	03-Nov-14 A	03-Dec-15	-30d												
4000	EST - Portion IIIA Landscape Establishment	365d	01-Jan-16	30-Dec-16	-328d												
4030	EST - Portion V Landscape Establishment	365d	05-Jan-16	03-Jan-17	-427d												
Key Dates for Completion of Sections																	

- ◆ Current Milestone
- Critical Remaining Work
- Level of Effort
- Remaining Work
- ▲ Baseline Milestone
- Project Baseline
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Leighton Contractors (Asia) Limited Programme Update 62 (November 2015) THREE MONTH ROLLING

Project ID: U062
Baseline: DCP7-2c
Layout: Update Three Month Rolling U062
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Date	Revision	Checked	Appro...
20-Oct-15	U061	AT	AL
20-Nov-15	U062	AT	AL

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015												2016											
						Nov						Dec						Jan						Feb					
						1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6
Contract Required Completion																													
1095	KD12 - Section 7A Complete (DAY-1870)	0d		20-Nov-15*	-16d																								
1105	KD14 - Section 7B Complete (DAY-1870)	0d		20-Nov-15*	-16d																								
1115	KD10 - Section 6 Complete (DAY-1958)	0d		30-Jan-16*	0d																								
1140	KD16 - Section 8 Complete (DAY-1958)	0d		30-Jan-16*	0d																								
1125	KD11 - Section 7 Complete (DAY-1965)	0d		06-Feb-16*	0d																								
Portion Handover Dates																													
Anticipated Handover																													
2960a	Portion IIIA Handover - Remaining (KD3 + 28 days) - (EOT 26.5 days added)	0d		31-Dec-15*	-273d																								

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

Leighton Contractors (Asia) Limited

Programme Update 62 (November 2015)

THREE MONTH ROLLING

Project ID: U062
 Baseline: DCP7-2c
 Layout: Update Three Month Rolling U062
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Date	Revision	Checked	Appro...
20-Oct-15	U061	AT	AL
20-Nov-15	U062	AT	AL

Activity ID	Activity Name	Remaining Duration	Start	Finish	2015														
					September			October			November			December					
					13	20	27	04	11	18	25	01	08	15	22	29	06	13	20
3MRP - Sept 2015 to Dec 2015																			
02 - PRE-CONSTRUCTION WORKS																			
02.3 - Method Statement / Shop Drawings																			
0230-1380	MS Landscape Deck Structure - Submission	25	20-Jun-15 A	14-Oct-15	MS Landscape Deck Structure - Submission														
0230-1390	MS Landscape Deck Structure - ER Review & Comment	28	15-Oct-15	11-Nov-15	MS Landscape Deck Structure - ER Review & Comment														
0230-1400	MS Landscape Deck Structure - Resubmission	28	12-Nov-15	09-Dec-15	MS Landscape Deck Structure														
0230-1611	MS Noise Semi Enclosure - Submission	48	20-Jul-15 A	06-Nov-15	MS Noise Semi Enclosure - Submission														
0230-1612	MS Noise Semi Enclosure - ER Review / Comment	28	07-Nov-15	04-Dec-15	MS Noise Semi Enclosure - ER Review / Comment														
0230-1613	MS Noise Semi Enclosure - Resubmission	28	05-Dec-15	01-Jan-16															
0230-1690	MS Approach Ramp - ER Approval	14	01-Feb-15 A	03-Oct-15	MS Approach Ramp - ER Approval														
0230-2330	MS for Connection of EVB and EVA - Submission	10	10-Mar-15 A	29-Sep-15	MS for Connection of EVB and EVA - Submission														
0230-2340	MS for Connection of EVB and EVA - ER Review & Comment	12	30-Sep-15	11-Oct-15	MS for Connection of EVB and EVA - ER Review & Comment														
0230-2350	MS for Connection of EVB and EVA - Resubmission	6	12-Oct-15	17-Oct-15	MS for Connection of EVB and EVA - Resubmission														
0230-2360	MS for Connection of EVB and EVA - ER No Adverse Comment	10	18-Oct-15	27-Oct-15	MS for Connection of EVB and EVA - ER No Adverse Comment														
02.4 - Contractor's Design and Build Items																			
0240-1180	HGHK Permanent Carpark Design - ER/HGHK Review and Comment	25	25-Aug-15 A	14-Oct-15	HGHK Permanent Carpark Design - ER/HGHK Review and Comment														
0240-1190	HGHK Permanent Carpark Design - Resubmission	50	15-Oct-15	03-Dec-15	HGHK Permanent Carpark Design - Resubmission														
0240-1270	Landscaping Design - Submission	28	20-Sep-15*	17-Oct-15	Landscaping Design - Submission														
0240-1280	Landscaping Design - ER Review/Resubmission	28	18-Oct-15	14-Nov-15	Landscaping Design - ER Review/Resubmission														
0240-1290	Landscaping Design - ER Approval	28	15-Nov-15	12-Dec-15	Landscaping Design - ER Approval														
0240-1630	Green Roof & Wall Minimum 2 years Establishment	488	18-Apr-15 A	06-May-17	Green Roof & Wall Minimum 2 years Establishment														
02.5 - Bridge Segment/Beam Off-site Precasting																			
0250-3580	Bridge F1C Pier 36 T-span Segment Off-site Casting (13 nos.)	17	10-Jun-15 A	12-Oct-15	Bridge F1C Pier 36 T-span Segment Off-site Casting (13 nos.)														
0250-3640	Bridge F1C Pier 38 End-span Segment Off-site Casting (6 nos.)	0	18-Jun-15 A	24-Aug-15 A	Bridge F1C Pier 38 End-span Segment Off-site Casting (6 nos.)														
0250-3720	Bridge F3C Pier 41 T-span Segment Off-site Casting (13 nos.)	29	10-Apr-15 A	27-Oct-15	Bridge F3C Pier 41 T-span Segment Off-site Casting (13 nos.)														
0250-3740	Bridge F3C Pier 42 T-span Segment Off-site Casting (11 nos.)	3	18-Apr-15 A	23-Sep-15	Bridge F3C Pier 42 T-span Segment Off-site Casting (11 nos.)														
0250-3760	Bridge F3C Pier 40 End-span Segment Off-site Casting (5 nos.)	13	10-Apr-15 A	07-Oct-15	Bridge F3C Pier 40 End-span Segment Off-site Casting (5 nos.)														
0250-3780	Bridge F3C Pier 43 End-span Segment Off-site Casting (6 nos.)	2	22-May-15 A	07-Oct-15	Bridge F3C Pier 43 End-span Segment Off-site Casting (6 nos.)														
0250-3860	Bridge F1B2 - Abut D12 Segment - 6 nos. (S2)	19	23-Sep-15	17-Oct-15	Bridge F1B2 - Abut D12 Segment - 6 nos. (S2)														
0250-3880	Bridge F1B2 - Pier F1B2 Segment - 13 nos. (S1)	40	07-Oct-15	24-Nov-15	Bridge F1B2 - Pier F1B2 Segment - 13 nos. (S1)														
0250-3920	Bridge F1B2 - Pier F3B2 Segment - 6 nos. (S2)	19	26-Oct-15	17-Nov-15	Bridge F1B2 - Pier F3B2 Segment - 6 nos. (S2)														
0250-3940	Bridge F2B - Pier F3B2 Segment - 5 nos. (S2)	16	24-Nov-15	12-Dec-15	Bridge F2B - Pier F3B2 Segment - 5 nos. (S2)														
02.6 - Fabrication & Delivery of Noise Enclosure																			
0260-5000	Int. Noise Enclosure Main + Sub Frames Fab / Del	75	01-Jun-15 A	19-Dec-15	Int. Noise Enclosure Main + Sub Frames Fab / Del														
0260-5010	Int. Noise Enclosure Noise Panel Fab / Del	21	19-Jan-15 A	17-Oct-15	Int. Noise Enclosure Noise Panel Fab / Del														
03 - PRELIMINARY WORKS																			
03.3 - Interface Works																			
A1040	Constr. of DN75 Storm Drain (Oil street) - ELS and Excavation	1	15-Aug-15 A	21-Sep-15	Constr. of DN75 Storm Drain (Oil street) - ELS and Excavation														
A1050	Constr. of DN75 Storm Drain (Oil street) - Casting of Blinding Layer	1	22-Sep-15	22-Sep-15	Constr. of DN75 Storm Drain (Oil street) - Casting of Blinding Layer														
A1060	Constr. of DN75 Storm Drain (Oil street) - Pipe Laying + Air test	6	23-Sep-15	30-Sep-15	Constr. of DN75 Storm Drain (Oil street) - Pipe Laying + Air test														
A1070	Constr. of DN75 Storm Drain (Oil street) - Constr. of Manhole 1-56 (Lower portion)	3	02-Oct-15	05-Oct-15	Constr. of DN75 Storm Drain (Oil street) - Constr. of Manhole 1-56 (Lower portion)														
A1080	Constr. of DN75 Storm Drain (Oil street) - Constr. of Manhole 1-56 (Upper portion)	5	06-Oct-15	10-Oct-15	Constr. of DN75 Storm Drain (Oil street) - Constr. of Manhole 1-56 (Upper portion)														
A1090	Constr. of DN75 Storm Drain (Oil street) - Concreting Pipeline intersection	1	06-Oct-15	06-Oct-15	Constr. of DN75 Storm Drain (Oil street) - Concreting Pipeline intersection														
A1100	Constr. of DN75 Storm Drain (Oil street) - Trench Backfilling	4	07-Oct-15	10-Oct-15	Constr. of DN75 Storm Drain (Oil street) - Trench Backfilling														
A1110	Constr. of DN75 Storm Drain (Oil street) - Removing ELS	2	12-Oct-15	13-Oct-15	Constr. of DN75 Storm Drain (Oil street) - Removing ELS														
A1120	Constr. of DN75 Storm Drain (Oil street) - Pavement Reinstatement	2	14-Oct-15	15-Oct-15	Constr. of DN75 Storm Drain (Oil street) - Pavement Reinstatement														
A1130	Complete Drainage work at Oil Street	0		31-Oct-15*	Complete Drainage work at Oil Street														
05 - SECTION 2 & 2A OF THE WORKS																			
05.1 - Cut & Cover Tunnel Ch 4855-4932 (APS Footprint)																			
05.1.3 - APS & Tunnel Structure																			
0513-3060	APS Basement (Bay 21-South) - Staircase Landing 8 > Staircase Landing 12	20	07-Jul-15 A	15-Oct-15	APS Basement (Bay 21-South) - Staircase Landing 8 > Staircase Landing 12														
0513-3080	Tunnel Level - South Side Additional Beam at Bay 21	5	10-Oct-15	15-Oct-15	Tunnel Level - South Side Additional Beam at Bay 21														
0513-3100	Reinstate Temporary Opening of Base Slab > Bay 18	0	22-Aug-15 A	01-Sep-15 A	Opening of Base Slab > Bay 18														
0513-3105	Reinstate Temporary Opening of OHVD & Roof Slab > Bay 18	0	22-Aug-15 A	28-Aug-15 A	Opening of OHVD & Roof Slab > Bay 18														
0513-3580	Completion of Outstanding Works at APS & Tunnel	0		15-Oct-15	Completion of Outstanding Works at APS & Tunnel														
05.1.5 - EVB Sub-structure & Tunnel																			
0515-1120	EVB Basement - Col/Partition Wall (Reb. Fix) > Zone 1A: GL1-2/A-E, 2-3/B-E, 3-6/C-F, 4-6/F-J	4	13-Jul-15 A	24-Sep-15	EVB Basement - Col/Partition Wall (Reb. Fix) > Zone 1A: GL1-2/A-E, 2-3/B-E, 3-6/C-F, 4-6/F-J														
0515-1140	EVB Basement - Col/Partition Wall (Fwk) > Zone 1A to Mezz (-1.40) Soffit	7	03-Aug-15 A	29-Sep-15	EVB Basement - Col/Partition Wall (Fwk) > Zone 1A to Mezz (-1.40) Soffit														
0515-1160	EVB Basement - Col/Partition Wall (Conc) > Zone 1A to Mezz (-1.40) Soffit	2	30-Sep-15	02-Oct-15	EVB Basement - Col/Partition Wall (Conc) > Zone 1A to Mezz (-1.40) Soffit														

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

Contract HY/2009/19
Three Months Rolling Programme (20 Sept to 19 Dec 2015)

Activity ID	Activity Name	Remaining Duration	Start	Finish	2015															
					September	October			November			December								
					13	20	27	04	11	18	25	01	08	15	22	29	06	13	20	
0515-1180	EVB Basement - Mezz Slab & Beam (Lv -1.4) - (Falsework/Fwk) > Zone 1A	10	17-Aug-15 A	03-Oct-15																
0515-1200	EVB Basement - Mezz Slab & Beam (Lv -1.4) - (Reb. Fix) > Zone 1A	6	16-Sep-15 A	10-Oct-15																
0515-1220	EVB Basement - Mezz Slab & Beam (Lv -1.4) - (Conc) > Zone 1A	2	12-Oct-15	13-Oct-15																
0515-1240	EVB Basement - Col/Partition Wall (Reb. Fix) > Zone 2A: GL1-6/A-D (ind ST-04)	14	15-Aug-15 A	08-Oct-15																
0515-1260	EVB Basement - Col/Partition Wall (Fwk) > Zone 2A to Roof Soffit	14	06-Oct-15	22-Oct-15																
0515-1280	EVB Basement - Col/Partition Wall (Conc) > Zone 2A to Roof Soffit	2	23-Oct-15	24-Oct-15																
0515-1300	EVB Basement - Mezz Slab & Beam (Lv +2.65) - (Falsework/Fwk) > Zone 2A	6	26-Oct-15	31-Oct-15																
0515-1320	EVB Basement - Mezz Slab & Beam (Lv +2.65) - (Reb. Fix) > Zone 2A	3	02-Nov-15	04-Nov-15																
0515-1340	EVB Basement - Mezz Slab & Beam (Lv +2.65) - (Conc) > Zone 2A	1	05-Nov-15	05-Nov-15																
0515-1360	EVB Basement - Col/Partition Wall (Reb. Fix) > Zone 3A: GL1-6/E-H	6	12-Aug-15 A	26-Sep-15																
0515-1380	EVB Basement - Col/Partition Wall (Fwk) > Zone 3A to Roof Soffit	8	17-Aug-15 A	08-Oct-15																
0515-1400	EVB Basement - Col/Partition Wall (Conc) > Zone 3A to Roof Soffit	2	07-Oct-15	08-Oct-15																
0515-1420	EVB Basement - Col/Partition Wall (Reb. Fix) > Zone 4A: GL1-6/H-K	6	06-Aug-15 A	20-Oct-15																
0515-1440	EVB Basement - Col/Partition Wall (Fwk) > Zone 4A to Roof Soffit	9	12-Aug-15 A	28-Oct-15																
0515-1460	EVB Basement - Col/Partition Wall (Conc) > Zone 4A to Roof Soffit	2	29-Oct-15	30-Oct-15																
0515-1480	EVB Basement - Col/Partition Wall (Reb. Fix) > Zone 5A: GL1-6/K-O (ind ST-03)	18	07-Jul-15 A	13-Oct-15																
0515-1500	EVB Basement - Col/Partition Wall (Fwk) > Zone 5A to Roof Soffit	18	11-Jul-15 A	13-Oct-15																
0515-1520	EVB Basement - Col/Partition Wall (Conc) > Zone 5A to Roof Soffit	18	30-Jul-15 A	13-Oct-15																
0515-1540	EVB Basement - Roof Slab (Falsework/Fwk) > Zone 5B : GL1-6/K-O	15	15-Aug-15 A	13-Oct-15																
0515-1560	EVB Basement - Roof Slab (Reb Fix) > Zone 5B : GL1-6/K-O	17	01-Sep-15 A	15-Oct-15																
0515-1580	EVB Basement - Roof Slab (Conc) > Zone 5B : GL1-6/K-O	2	16-Oct-15	17-Oct-15																
0515-1600	EVB Basement - Roof Slab (Falsework/Fwk) > Zone 4B : GL1-6/H-K	21	09-Oct-15	03-Nov-15																
0515-1620	EVB Basement - Roof Slab (Reb Fix) > Zone 4B : GL1-6/H-K	14	02-Nov-15	17-Nov-15																
0515-1640	EVB Basement - Roof Slab (Conc) > Zone 4B : GL1-6/H-K	2	18-Nov-15	19-Nov-15																
0515-1660	EVB Basement - Roof Slab (Falsework/Fwk) > Zone 3B : GL1-6/E-H	21	04-Nov-15	27-Nov-15																
0515-1680	EVB Basement - Roof Slab (Reb Fix) > Zone 3B : GL1-6/E-H	14	26-Nov-15	11-Dec-15																
0515-1700	EVB Basement - Roof Slab (Conc) > Zone 3B : GL1-6/E-H	2	12-Dec-15	14-Dec-15																
0515-1720	EVB Basement - Roof Slab (Falsework/Fwk) > Zone 2B : GL1-6/A-E	21	26-Nov-15	19-Dec-15																
0515-1740	EVB Basement - Roof Slab (Reb Fix) > Zone 2B : GL1-6/A-E	14	12-Dec-15	29-Dec-15																
0515-1760	EVB Basement - Roof Slab (Conc) > Zone 2B : GL1-6/A-E	2	30-Dec-15	31-Dec-15																
0515-1780	EVB - Reinstatement of Openings @ TA23-25 - Demo & Erection of Working Platform (hanging)	5	24-Dec-15	30-Dec-15																
0515-1800	EVB - Reinstatement of Openings @ TA23-25 - Formworks	2	31-Dec-15	02-Jan-16																
0515-1980	Complete approx 50% of EVB Structure	0		30-Sep-15																
1051-3221	Saw Cutting Preparation for D-Wall - South (Scaffolding/Platform/Coring) - (Zone 4A-5A)	12	06-Nov-15	19-Nov-15																
1051-3222	Saw Cutting of D-Wall > South - (Zone 4A-5A)	12	20-Nov-15	03-Dec-15																
1051-3223	CJ Preparation for South Wall along D-Wall - (Zone 4A-5A)	10	26-Nov-15	07-Dec-15																
1051-3224	Construction of South Wall along D-Wall + Stitching to Roof Slab - (Zone 4A-5A)	7	04-Dec-15	11-Dec-15																
1051-3225	Saw Cutting Preparation for D-Wall - South (Scaffolding/Platform/Coring) - (Zone 3A)	12	20-Nov-15	03-Dec-15																
1051-3226	Saw Cutting of D-Wall > South - (Zone 3A)	13	04-Dec-15	18-Dec-15																
1051-3227	CJ Preparation for South Wall along D-Wall - (Zone 3A)	10	10-Dec-15	21-Dec-15																
1051-3228	Construction of South Wall along D-Wall + Stitching to Roof Slab - (Zone 3A)	7	19-Dec-15	28-Dec-15																
1051-3230	Excavation + Saw Cutting Preparation at North Side D-Wall - (TA24-23)	12	12-Dec-15	26-Dec-15																
1051-3330	Excavation at North Side D-Wall - (TA27-26)	4	18-Dec-15	22-Dec-15																
1051-3340	Saw Cutting Preparation for D-Wall - North (Scaffolding/Platform/Coring) - (Zone 5A)	12	09-Dec-15	22-Dec-15																
1051-3430	Complete Saw Cutting of D-Wall after Removal of TA23	3	29-Dec-15	31-Dec-15																
1051-3441	Excavation at North Side D-Wall - (TA24-25)	4	23-Dec-15	28-Dec-15																
1051-3560	EVA - Coring along Bulkhead Wall	14	15-Oct-15*	31-Oct-15																
1051-3570	EVA - Vertical & Horizontal Saw Cutting along Bulk Head Wall	14	02-Nov-15	17-Nov-15																
1051-3580	EVA - Pre-Treatment + Pressure Grouting	7	18-Nov-15	25-Nov-15																
1051-3590	EVA - Removal of Bulkhead Wall	7	18-Nov-15	25-Nov-15																
1051-3600	EVA - Complete demolition and Prepare CJ	7	26-Nov-15	03-Dec-15																
1051-3615	Completion 100% of EVB Structure (excl reinstatement)	0		31-Dec-15*																
05.2 - Cut & Cover Tunnel Ch 4932-5149																				
05.2.5 - Road & Miscellaneous Works																				
0525-1340	Complete Remaining work at C/C Tunnel	0		15-Oct-15																
06 - SECTION 3 OF THE WORKS																				
06.1 - Westbound - Pier 29-34																				
0610-1400	Construct W/B Bridge Pier 29 > Column	0	18-Aug-15 A	02-Sep-15 A																
0610-1420	Construct W/B Bridge Pier 29 > Rebar Fixing - Crosshead	0	26-Aug-15 A	11-Sep-15 A																
0610-1440	Construct W/B Bridge Pier 29 > Formworks + Concreting - Crosshead	0	12-Sep-15 A	15-Sep-15 A																

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

Contract HY/2009/19
Three Months Rolling Programme (20 Sept to 19 Dec 2015)

Activity ID	Activity Name	Remaining Duration	Start	Finish	2015																		
					September			October			November			December									
					13	20	27	04	11	18	25	01	08	15	22	29	06	13	20				
0610-1460	Construct W/B Bridge Pier 29 > Bearing	4	16-Sep-15 A	24-Sep-15	Construct W/B Bridge Pier 29 > Bearing																		
0610-1540	Construct W/B Bridge Pier 30 > Formworks + Concreting - Crosshead	0	21-Aug-15 A	24-Aug-15 A	Construct W/B Bridge Pier 30 > Formworks + Concreting - Crosshead																		
0610-1560	Construct W/B Bridge Pier 30 > Bearing	6	25-Aug-15 A	26-Sep-15	Construct W/B Bridge Pier 30 > Bearing																		
0610-1620	Construct W/B Bridge Pier 31 > Rebar Fixing - Crosshead	0	19-Aug-15 A	01-Sep-15 A	Construct W/B Bridge Pier 31 > Rebar Fixing - Crosshead																		
0610-1640	Construct W/B Bridge Pier 31 > Formworks + Concreting - Crosshead	0	02-Sep-15 A	05-Sep-15 A	Construct W/B Bridge Pier 31 > Formworks + Concreting - Crosshead																		
0610-1660	Construct W/B Bridge Pier 31 > Bearing	5	07-Sep-15 A	25-Sep-15	Construct W/B Bridge Pier 31 > Bearing																		
0610-1720	Construct W/B Bridge Pier 32 > Rebar Fixing - Crosshead	0	19-Aug-15 A	25-Aug-15 A	Construct W/B Bridge Pier 32 > Rebar Fixing - Crosshead																		
0610-1740	Construct W/B Bridge Pier 32 > Formworks + Concreting - Crosshead	0	26-Aug-15 A	29-Aug-15 A	Construct W/B Bridge Pier 32 > Formworks + Concreting - Crosshead																		
0610-1760	Construct W/B Bridge Pier 32 > Bearing	0	31-Aug-15 A	12-Sep-15 A	Construct W/B Bridge Pier 32 > Bearing																		
0610-1820	Construct W/B Bridge Pier 33 > Rebar Fixing - Crosshead	0	15-Aug-15 A	29-Aug-15 A	Construct W/B Bridge Pier 33 > Rebar Fixing - Crosshead																		
0610-1840	Construct W/B Bridge Pier 33 > Formworks + Concreting - Crosshead	0	31-Aug-15 A	02-Sep-15 A	Construct W/B Bridge Pier 33 > Formworks + Concreting - Crosshead																		
0610-1860	Construct W/B Bridge Pier 33 > Bearing	5	03-Sep-15 A	25-Sep-15	Construct W/B Bridge Pier 33 > Bearing																		
0610-1880	W/B Bridge Pier 34 - Tie Beam > Breaking + Excav + Blinding	8	04-Nov-15	12-Nov-15	W/B Bridge Pier 34 - Tie Beam > Breaking + Excav + Blinding																		
0610-1900	Construct W/B Bridge Pier 34 - Tie Beam > CJ + post drill rebar & Construction	14	13-Nov-15	28-Nov-15	Construct W/B Bridge Pier 34 - Tie Beam > CJ + post drill rebar & Construction																		
0610-1920	Construct W/B Bridge Pier 34 Drilling of Starter Bars for Pier/Column	14	04-Nov-15	19-Nov-15	Construct W/B Bridge Pier 34 Drilling of Starter Bars for Pier/Column																		
0610-1940	Construct W/B Bridge Pier 34 Construct Crosshead	15	20-Nov-15	07-Dec-15	Construct W/B Bridge Pier 34 Construct Crosshead																		
0610-1960	Construct W/B Bridge Pier 34 - Install Bearing	6	08-Dec-15	14-Dec-15	Construct W/B Bridge Pier 34 - Install Bearing																		
06.3 - Admin Building																							
0630-1100	Grd. Beam - (GL > K-N) (P31-32) - Removal of Existing Sheet Piles	0	01-Sep-15 A	09-Sep-15 A	Grd. Beam - (GL > K-N) (P31-32) - Removal of Existing Sheet Piles																		
0630-1101	Grd. Beam - (GL > K-N) - Excavate to formation level + Blinding Layer Casting	1	10-Sep-15 A	21-Sep-15	Grd. Beam - (GL > K-N) - Excavate to formation level + Blinding Layer Casting																		
0630-1120	Grd. Beam - (GL > K-N) - Install Capping Plate	4	22-Sep-15	25-Sep-15	Grd. Beam - (GL > K-N) - Install Capping Plate																		
0630-1140	Grd. Beam - (GL > K-N) - Rebar Fixing for Ground Beam	7	26-Sep-15	06-Oct-15	Grd. Beam - (GL > K-N) - Rebar Fixing for Ground Beam																		
0630-1160	Grd. Beam - (GL > K-N) - Erect Formworks for Ground Beam	4	05-Oct-15	08-Oct-15	Grd. Beam - (GL > K-N) - Erect Formworks for Ground Beam																		
0630-1180	Grd. Beam - (GL > K-N) - Cast Concrete for Ground Beam	1	09-Oct-15	09-Oct-15	Grd. Beam - (GL > K-N) - Cast Concrete for Ground Beam																		
0630-1200	Grd. Beam - (GL > K-N) - Formworks Removal	1	10-Oct-15	10-Oct-15	Grd. Beam - (GL > K-N) - Formworks Removal																		
0630-1600	Grd. Beam - (GL > D-G) (P29-30) - Removal of Existing Sheet Piles	1	10-Aug-15 A	21-Sep-15	Grd. Beam - (GL > D-G) (P29-30) - Removal of Existing Sheet Piles																		
0630-1620	Grd. Beam - (GL > D-G) - Excavate to formation level + Blinding Layer Casting	4	23-Oct-15	27-Oct-15	Grd. Beam - (GL > D-G) - Excavate to formation level + Blinding Layer Casting																		
0630-1640	Grd. Beam - (GL > D-G) - Install Capping Plate	3	27-Oct-15	29-Oct-15	Grd. Beam - (GL > D-G) - Install Capping Plate																		
0630-1660	Grd. Beam - (GL > D-G) - Rebar Fixing for Ground Beam	6	29-Oct-15	04-Nov-15	Grd. Beam - (GL > D-G) - Rebar Fixing for Ground Beam																		
0630-1700	Grd. Beam - (GL > D-G) - Erect Formworks for Ground Beam	4	04-Nov-15	07-Nov-15	Grd. Beam - (GL > D-G) - Erect Formworks for Ground Beam																		
0630-1720	Grd. Beam - (GL > D-G) - Cast Concrete for Ground Beam	1	09-Nov-15	09-Nov-15	Grd. Beam - (GL > D-G) - Cast Concrete for Ground Beam																		
0630-1740	Grd. Beam - (GL > D-G) - Formworks Removal	1	10-Nov-15	10-Nov-15	Grd. Beam - (GL > D-G) - Formworks Removal																		
0630-1880	Grd. Beam - (GL > P-R) (P33-34) - Removal of Existing Sheet Piles	4	23-Oct-15	27-Oct-15	Grd. Beam - (GL > P-R) (P33-34) - Removal of Existing Sheet Piles																		
0630-1900	Grd. Beam - (GL > P-R) - Excavate to formation level + Blinding Layer Casting	5	28-Oct-15	02-Nov-15	Grd. Beam - (GL > P-R) - Excavate to formation level + Blinding Layer Casting																		
0630-1920	Grd. Beam - (GL > P-R) - Install Capping Plate	6	02-Nov-15	07-Nov-15	Grd. Beam - (GL > P-R) - Install Capping Plate																		
0630-1940	Grd. Beam - (GL > P-R) - Rebar Fixing for Beam	7	05-Nov-15	12-Nov-15	Grd. Beam - (GL > P-R) - Rebar Fixing for Beam																		
0630-1960	Grd. Beam - (GL > P-R) - Erect Formworks for Beam	4	13-Nov-15	17-Nov-15	Grd. Beam - (GL > P-R) - Erect Formworks for Beam																		
0630-1980	Grd. Beam - (GL > P-R) - Cast Concrete for Beam	1	18-Nov-15	18-Nov-15	Grd. Beam - (GL > P-R) - Cast Concrete for Beam																		
0630-2000	Grd. Beam - (GL > P-R) - Formworks Removal	1	19-Nov-15	19-Nov-15	Grd. Beam - (GL > P-R) - Formworks Removal																		
0630-2020	Grd. Beam - (GL > B-D) (P29) - Removal of Existing Sheet Piles	1	18-Aug-15 A	21-Sep-15	Grd. Beam - (GL > B-D) (P29) - Removal of Existing Sheet Piles																		
0630-2021	Grd. Beam - (GL > B-D) - Excavate to formation level + Blinding Layer Casting	6	21-Sep-15	26-Sep-15	Grd. Beam - (GL > B-D) - Excavate to formation level + Blinding Layer Casting																		
0630-2040	Grd. Beam - (GL > B-D) - Install Capping Plate	4	29-Sep-15	03-Oct-15	Grd. Beam - (GL > B-D) - Install Capping Plate																		
0630-2080	Grd. Beam - (GL > B-D) - Rebar Fixing for Ground Beam	7	06-Oct-15	13-Oct-15	Grd. Beam - (GL > B-D) - Rebar Fixing for Ground Beam																		
0630-2100	Grd. Beam - (GL > B-D) - Erect Formworks for Ground Beam	4	13-Oct-15	16-Oct-15	Grd. Beam - (GL > B-D) - Erect Formworks for Ground Beam																		
0630-2120	Grd. Beam - (GL > B-D) - Cast Concrete for Ground Beam	1	17-Oct-15	17-Oct-15	Grd. Beam - (GL > B-D) - Cast Concrete for Ground Beam																		
0630-2140	Grd. Beam - (GL > B-D) - Formworks Removal	1	19-Oct-15	19-Oct-15	Grd. Beam - (GL > B-D) - Formworks Removal																		
0630-2440	Complete ADB Ground Beam	0		11-Dec-15*	Complete ADB Ground Beam																		
0630-2540	Storm Water Drain at Portion VB	15	03-Nov-15	19-Nov-15	Storm Water Drain at Portion VB																		
0630-2543	Install Irrigation Watermain within Portion V	15	09-Nov-15	25-Nov-15	Install Irrigation Watermain within Portion V																		
0630-2550	Construction of pile cap for PC21	15	21-Sep-15	09-Oct-15	Construction of pile cap for PC21																		
0630-2570	Construction of pile cap for PC22	14	12-Sep-15 A	09-Oct-15	Construction of pile cap for PC22																		
0630-2575	Construction of Column for Landscape Dect at PC21 & 22 up to Gnd Level	18	12-Oct-15	02-Nov-15	Construction of Column for Landscape Dect at PC21 & 22 up to Gnd Level																		
0630-2590	Install underground drainage at Portion VB	12	29-Sep-15	13-Oct-15	Install underground drainage at Portion VB																		
0630-2593	Construct Road Pavement Between P31-32 within Porion VB incl sub-base	21	04-Dec-15	29-Dec-15	Construct Road Pavement Between P31-32 within Porion VB incl sub-base																		
0630-2595	Remove Temp Container/Storage within Admin Area	9	14-Oct-15	24-Oct-15	Remove Temp Container/Storage within Admin Area																		
08 - SECTION 5 WORK																							
08.1 - Retaining Wall 'F' Substructure																							
0810-1650	Retaining Wall F > Temp Excav Support/Open cut Excav works	18	21-Sep-15	13-Oct-15	Retaining Wall F > Temp Excav Support/Open cut Excav works																		
0810-1660	Retaining Wall F > Excavation Works for Pile caps	21	29-Sep-15	24-Oct-15	Retaining Wall F > Excavation Works for Pile caps																		
0810-1670	Construction of pile cap for Retaining Wall F @ PC8 + low wall bet C4-13/14	21	02-Oct-15	27-Oct-15	Construction of pile cap for Retaining Wall F @ PC8 + low wall bet C4-13/14																		

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Contract HY/2009/19
Three Months Rolling Programme (20 Sept to 19 Dec 2015)

Activity ID	Activity Name	Remaining Duration	Start	Finish	2015														
					September			October			November			December					
					13	20	27	04	11	18	25	01	08	15	22	29	06	13	20
0810-1680	Construction of pile cap for Retaining Wall F @ PC9 + low wall bet C5-11/12	21	24-Aug-15 A	05-Nov-15	Construction of pile cap for Retaining Wall F @ PC9 + low wall bet C5-11/12														
0810-1700	Construction of pile cap for Retaining Wall F @ PC10	14	24-Aug-15 A	06-Nov-15	Construction of pile cap for Retaining Wall F @ PC10														
0810-1720	Construction of pile cap for Retaining Wall F @ PC11	14	24-Aug-15 A	13-Nov-15	Construction of pile cap for Retaining Wall F @ PC11														
0810-1740	Construction of pile cap for Retaining Wall F @ PC12	15	06-Nov-15	23-Nov-15	Construction of pile cap for Retaining Wall F @ PC12														
0810-1760	Construction of pile cap for Retaining Wall F @ PC13	15	16-Nov-15	02-Dec-15	Construction of pile cap for Retaining Wall F @ PC13														
0810-1780	Backfill of Around Retaining Wall F Pile Caps	7	03-Dec-15	10-Dec-15	Backfill of Around Retaining Wall F Pile Caps														
09 - SECTION 6 OF THE WORKS																			
09.2 - Westbound - Pier 26-27																			
0920-1080	Pier 27 Prepare C.J. and Modify Tie Beam	14	04-Sep-15 A	08-Oct-15	Pier 27 Prepare C.J. and Modify Tie Beam														
0920-1100	Pier 27 Construct Pier/Column	18	09-Oct-15	30-Oct-15	Pier 27 Construct Pier/Column														
0920-1120	Pier 27 Construct Crosshead	24	31-Oct-15	27-Nov-15	Pier 27 Construct Crosshead														
0920-1140	Pier 27 Install Bearing	9	28-Nov-15	08-Dec-15	Pier 27 Install Bearing														
0920-1160	Pier 26 Prepare C.J. + Drill in Re-bar + Modify Pilecap	14	04-Sep-15 A	08-Oct-15	Pier 26 Prepare C.J. + Drill in Re-bar + Modify Pilecap														
0920-1180	Pier 26 Construct Pier/Column	18	09-Oct-15	30-Oct-15	Pier 26 Construct Pier/Column														
0920-1200	Pier 26 Construct Crosshead	24	31-Oct-15	27-Nov-15	Pier 26 Construct Crosshead														
0920-1220	Pier 26 Install Bearing	9	28-Nov-15	08-Dec-15	Pier 26 Install Bearing														
10 - SECTION X OF THE WORKS																			
10.4 - Bridge Deck Demolition																			
10.4.1 - Existing W/B Bridge (Part 1)																			
10410-1680	Demolish W/B Bridge Pier 23 > Column > by Crane C	0	20-Aug-15 A	29-Aug-15 A	Demolish W/B Bridge Pier 23 > Column > by Crane C														
10410-1700	Saw Cutting W/B Bridge Deck Pier 21-22	0	19-Aug-15 A	25-Aug-15 A	Saw Cutting W/B Bridge Deck Pier 21-22														
10410-1701	Dem. W/B Bridge Deck Pier 21-22 (1 beam) w/ time constraint start up to 4Pm > by Crane B & C	0	26-Aug-15 A	26-Aug-15 A	Dem. W/B Bridge Deck Pier 21-22 (1 beam) w/ time constraint start up to 4Pm > by Crane B & C														
10410-1720	Demolish W/B Bridge Deck Pier 21-22 (5 beams) > by Crane B & C	0	27-Aug-15 A	29-Aug-15 A	Demolish W/B Bridge Deck Pier 21-22 (5 beams) > by Crane B & C														
10410-1740	Demolish W/B Bridge Pier 22 > Column > by Crane C	0	31-Aug-15 A	09-Sep-15 A	Demolish W/B Bridge Pier 22 > Column > by Crane C														
10410-1741	Saw Cutting W/B Bridge Deck Pier 20-21	0	28-Aug-15 A	31-Aug-15 A	Saw Cutting W/B Bridge Deck Pier 20-21														
10410-1742	Dem. W/B Bridge Deck Pier 20-21 (1 beam) w/ time constraint start up to 4Pm > by Crane B & C	0	01-Sep-15 A	01-Sep-15 A	Dem. W/B Bridge Deck Pier 20-21 (1 beam) w/ time constraint start up to 4Pm > by Crane B & C														
10410-1743	Demolish W/B Bridge Deck Pier 20-21 (2 beams) > by Crane B & C	0	02-Sep-15 A	07-Sep-15 A	Demolish W/B Bridge Deck Pier 20-21 (2 beams) > by Crane B & C														
10410-1743.1	Cutting of W/B Bridge Crosshead Wing at Pier 21 for Modification	2	21-Sep-15	22-Sep-15	Cutting of W/B Bridge Crosshead Wing at Pier 21 for Modification														
10410-1744	Demolish W/B Bridge Deck Pier 19-20 (2 beams) > Insatall Scaffoldings to Support Beams	0	31-Aug-15 A	07-Sep-15 A	Demolish W/B Bridge Deck Pier 19-20 (2 beams) > Insatall Scaffoldings to Support Beams														
10410-1745	Saw Cutting W/B Bridge Deck Pier 19-20 @ 2 Beams into 8Pcs(1x4X2)	4	21-Sep-15	24-Sep-15	Saw Cutting W/B Bridge Deck Pier 19-20 @ 2 Beams into 8Pcs(1x4X2)														
10410-1746	Dem. W/B Bridge Deck Pier 19-20 (1 beam) w/ time constraint start up to 4Pm > by Crane B	2	23-Sep-15	24-Sep-15	Dem. W/B Bridge Deck Pier 19-20 (1 beam) w/ time constraint start up to 4Pm > by Crane B														
10410-1747	Demolish W/B Bridge Deck Pier 19-20 (1 beam) > by Crane B	1	25-Sep-15	25-Sep-15	Demolish W/B Bridge Deck Pier 19-20 (1 beam) > by Crane B														
10410-1747.1	Cutting of W/B Bridge Crosshead Wing at Pier 20 for Modification	2	26-Sep-15	29-Sep-15	Cutting of W/B Bridge Crosshead Wing at Pier 20 for Modification														
10410-1747.5	Demolish W/B Bridge Deck Pier 17-18 (2 beams) > Insatall Scaffoldings to Support Beams	0	07-Sep-15 A	14-Sep-15 A	Demolish W/B Bridge Deck Pier 17-18 (2 beams) > Insatall Scaffoldings to Support Beams														
10410-1748	Saw Cutting W/B Bridge Deck Pier 17-18 @ 2 Beams into 8Pcs(1x4X2)	4	25-Sep-15	30-Sep-15	Saw Cutting W/B Bridge Deck Pier 17-18 @ 2 Beams into 8Pcs(1x4X2)														
10410-1749	Dem. W/B Bridge Deck Pier 17-18 (1 beam) > by Crane B	1	30-Sep-15	30-Sep-15	Dem. W/B Bridge Deck Pier 17-18 (1 beam) > by Crane B														
10410-1750	Demolish W/B Bridge Deck Pier 17-18 (1 beam) > by Crane B	1	02-Oct-15	02-Oct-15	Demolish W/B Bridge Deck Pier 17-18 (1 beam) > by Crane B														
10410-1751	Demolish W/B Bridge Deck Pier 18-19 (2 beams) > Construct Footing for Shoring of Beams	0	01-Sep-15 A	04-Sep-15 A	Demolish W/B Bridge Deck Pier 18-19 (2 beams) > Construct Footing for Shoring of Beams														
10410-1752	Demolish W/B Bridge Deck Pier 18-19 (2 beams) > Install Shoring + Fixing to hold Beams	0	07-Sep-15 A	14-Sep-15 A	Demolish W/B Bridge Deck Pier 18-19 (2 beams) > Install Shoring + Fixing to hold Beams														
10410-1753	Demolish W/B Bridge Deck Pier 18-19 (2 beams) > Saw Cutting of Bridge Deck & Parapet + Coring	10	22-Sep-15	05-Oct-15	Demolish W/B Bridge Deck Pier 18-19 (2 beams) > Saw Cutting of Bridge Deck & Parapet + Coring														
10410-1754	Dem. W/B Bridge Deck Pier 18-19 (Half Beam-Eastside) w/ time constraint start at 4Pm > by Crane D	2	03-Oct-15	05-Oct-15	Dem. W/B Bridge Deck Pier 18-19 (Half Beam-Eastside) w/ time constraint start at 4Pm > by Crane D														
10410-1755	Demolish W/B Bridge Deck Pier 18-19 (Half Beam-Eastside) > by Crane D	1	06-Oct-15	06-Oct-15	Demolish W/B Bridge Deck Pier 18-19 (Half Beam-Eastside) > by Crane D														
10410-1756	Dem. W/B Bridge Deck Pier 18-19 (Half Beam-Westside) w/ time constraint start at 4Pm > by Crane D	1	07-Oct-15	07-Oct-15	Dem. W/B Bridge Deck Pier 18-19 (Half Beam-Westside) w/ time constraint start at 4Pm > by Crane D														
10410-1757	Demolish W/B Bridge Deck Pier 18-19 (Half Beam-Westside) > by Crane D	1	08-Oct-15	08-Oct-15	Demolish W/B Bridge Deck Pier 18-19 (Half Beam-Westside) > by Crane D														
10410-1760	Cutting of W/B Bridge Crosshead Wing at Pier 19 for Modification > by Crane D	2	07-Oct-15	08-Oct-15	Cutting of W/B Bridge Crosshead Wing at Pier 19 for Modification > by Crane D														
10410-1761	Cutting of W/B Bridge Crosshead Wing at Pier 18 for Modification > by Crane D	2	09-Oct-15	10-Oct-15	Cutting of W/B Bridge Crosshead Wing at Pier 18 for Modification > by Crane D														
10410-1762	Removal of Shoring	2	09-Oct-15	10-Oct-15	Removal of Shoring														
10410-1763	Removal of Temporary Footing	5	12-Oct-15	16-Oct-15	Removal of Temporary Footing														
10410-2280	Demolish Temp. W/B Bridge - Crosshead & Pier > Pier 41	0	20-Aug-15 A	26-Aug-15 A	Demolish Temp. W/B Bridge - Crosshead & Pier > Pier 41														
10410-2300	Demolish Temp. W/B Bridge - Deck > Pier 39 to 40 (6 beams)	0	27-Aug-15 A	29-Aug-15 A	Demolish Temp. W/B Bridge - Deck > Pier 39 to 40 (6 beams)														
10410-2320	Demolish Temp. W/B Bridge - Crosshead & Pier > Pier 40	0	31-Aug-15 A	07-Sep-15 A	Demolish Temp. W/B Bridge - Crosshead & Pier > Pier 40														
10410-2340	Demolish Temp. W/B Bridge - Deck > Pier 38 to 39 (6 beams)	0	07-Sep-15 A	10-Sep-15 A	Demolish Temp. W/B Bridge - Deck > Pier 38 to 39 (6 beams)														
10410-2360	Demolish Temp. W/B Bridge - Crosshead & Pier > Pier 39	0	11-Sep-15 A	15-Sep-15 A	Demolish Temp. W/B Bridge - Crosshead & Pier > Pier 39														
10410-2380	Demolish Temp. W/B Bridge - Deck > Pier 37 to 38 (6 beams)	0	16-Sep-15 A	19-Sep-15 A	Demolish Temp. W/B Bridge - Deck > Pier 37 to 38 (6 beams)														
10410-2400	Demolish Temp. W/B Bridge - Crosshead & Pier > Pier 38	6	21-Sep-15	26-Sep-15	Demolish Temp. W/B Bridge - Crosshead & Pier > Pier 38														
10410-2420	Demolish Temp. W/B Bridge - Deck > Pier 36 to 37 (6 beams)	3	29-Sep-15	02-Oct-15	Demolish Temp. W/B Bridge - Deck > Pier 36 to 37 (6 beams)														
10410-2440	Demolish Temp. W/B Bridge - Crosshead & Pier > Pier 37	6	03-Oct-15	09-Oct-15	Demolish Temp. W/B Bridge - Crosshead & Pier > Pier 37														
10410-2460	Demolish Temp. W/B Bridge - Deck > Pier 35 to 36 (6 beams)	3	10-Oct-15	13-Oct-15	Demolish Temp. W/B Bridge - Deck > Pier 35 to 36 (6 beams)														
10410-2480	Demolish Temp. W/B Bridge - Crosshead & Pier > Pier 36	6	14-Oct-15	20-Oct-15	Demolish Temp. W/B Bridge - Crosshead & Pier > Pier 36														
10410-2500	Demolish Temp. W/B Bridge - Deck > Pier 34 to 35 (6 beams)	3	22-Oct-15	24-Oct-15	Demolish Temp. W/B Bridge - Deck > Pier 34 to 35 (6 beams)														

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- Actual Work
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Contract HY/2009/19
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Activity ID	Activity Name	Remaining Duration	Start	Finish	2015															
					September			October			November			December						
					13	20	27	04	11	18	25	01	08	15	22	29	06	13	20	
10410-2520	Demolish Temp. W/B Bridge - Crosshead & Pier > Pier 35 (by crane)	6	28-Oct-15	03-Nov-15																
10410-2540	Demolish Temp. W/B Bridge - Crosshead & Pier > Pier 34 (by crane)	6	28-Oct-15	03-Nov-15																
10.1 - E/B Bridges (Bridge D, E and F)																				
10.1.1 - Marine Pier Construction																				
Pier F01 to F02																				
1011-8600	F1B Pier/Column Construction	12	07-Oct-15	20-Oct-15																
1011-8620	F1B Crosshead Construction	18	22-Oct-15	11-Nov-15																
1011-8640	Bearing installation pier F1B & F2B	12	12-Nov-15	25-Nov-15																
10.1.4 - Bridge E / Hing Fat Slip Road																				
Bridge Construction																				
1014-1860	Construction (Pier E4 - Pier E2) > Construct Pier E3	0	24-Aug-15 A	07-Sep-15 A																
1014-1880	Construction (Pier E4 - Pier E2) > Construct Crosshead + Bearing at Pier E3	7	08-Sep-15 A	29-Sep-15																
1014-1900	Construction (Pier E4 - Pier E2) > Modification of Crosshead + Bearing at Pier E4 & E2	3	24-Aug-15 A	23-Sep-15																
1014-1920	Construction (Pier E4 - Pier E2) > Erect 3nos Beams > Pier E3-E2	4	30-Sep-15	05-Oct-15																
1014-1940	Construction (Pier E4 - Pier E2) > Erect 3nos Beams > Pier E4-E3	4	03-Oct-15	07-Oct-15																
1014-1960	Construction (Pier E4 - Pier E2) > Erect Scaffoldings + Platform + Pre-cast Planking > Pier E4-E2	7	08-Oct-15	15-Oct-15																
1014-1980	Construction (Pier E4 - Pier E2) > Rebar Fixing of Deck + Diaphragm + Concreting > Pier E4-E2	14	16-Oct-15	02-Nov-15																
1014-2000	Construction (Pier E4 - Pier E2) > Construct Parapet D1-E2	14	16-Oct-15	02-Nov-15																
1014-2020	Construction (Pier E4 - Pier E2) > Construct Parapet E2-E4	14	03-Nov-15	18-Nov-15																
1014-2040	Construction (Pier E4 - Pier E2) > Install Street Furniture/GullyEtc.	14	03-Nov-15	18-Nov-15																
1014-2060	Construction (Pier E4 - Pier E2) > Install MJ at Pier E2	7	09-Nov-15	16-Nov-15																
1014-2080	Construction (Pier E4 - Pier E2) > Install MJ at Pier E3 & E4	8	12-Nov-15	20-Nov-15																
1014-2100	Construction (Pier E4 - Pier E2) > Asphalt + Road Markings, Install Street Furniture/Signage/Lightings	4	21-Nov-15	25-Nov-15																
1014-2940	Bridge E (Pier 19 - D1) - Noise Barrier > Post + Panel	14	03-Nov-15	18-Nov-15																
1014-2960	Bridge E (Pier 19 - D1) - Green Panel Installation	2	19-Nov-15	21-Nov-15																
10.2 - W/B Bridges (Bridge C and F)																				
10.2.1 - Pier Construction																				
Pier 38 to 43																				
1021-1820	Pier 38 (F3C) Prepare C.J. at Existing Pile Cap	11	29-Sep-15	12-Oct-15																
1021-1840	Pier 38 (F3C) Construct Pier/Column	18	14-Oct-15	04-Nov-15																
1021-1860	Pier 38 (F3C) Construct Crosshead	24	05-Nov-15	02-Dec-15																
1021-1880	Pier 38 (F3C) Install Bearing	9	03-Dec-15	12-Dec-15																
1021-1900	Pier 39 (F4C) Prepare C.J. at Existing Pile Cap	11	21-Sep-15	05-Oct-15																
1021-1920	Pier 39 (F4C) Construct Pier/Column	18	07-Oct-15	28-Oct-15																
1021-1940	Pier 39 (F4C) Construct Crosshead	24	29-Oct-15	25-Nov-15																
1021-1960	Pier 39 (F4C) Install Bearing	9	26-Nov-15	05-Dec-15																
1021-1980	Pier 40 (F5C) Prepare C.J. at Existing Pile Cap	11	21-Sep-15	05-Oct-15																
1021-2000	Pier 40 (F5C) Construct Pier/Column	18	06-Oct-15	27-Oct-15																
1021-2020	Pier 40 (F5C) Construct Crosshead	24	28-Oct-15	24-Nov-15																
1021-2040	Pier 40 (F5C) Install Bearing	9	25-Nov-15	04-Dec-15																
1021-2060	Pier 41 (F6C) Prepare C.J. at Existing Pile Cap	0	28-Aug-15 A	19-Sep-15 A																
1021-2080	Pier 41 (F6C) Construct Pier/Column	18	21-Sep-15	13-Oct-15																
1021-2100	Pier 41 (F6C) Construct Crosshead	24	14-Oct-15	11-Nov-15																
1021-2120	Pier 41 (F6C) Install Bearing	9	12-Nov-15	21-Nov-15																
1021-2140	Pier 42 (F7C) Prepare C.J. at Existing Pile Cap	0	18-Aug-15 A	09-Sep-15 A																
1021-2160	Pier 42 (F7C) Construct Pier/Column	12	09-Sep-15 A	06-Oct-15																
1021-2180	Pier 42 (F7C) Construct Crosshead	24	07-Oct-15	04-Nov-15																
1021-2200	Pier 42 (F7C) Install Bearing	9	05-Nov-15	14-Nov-15																
1021-2220	Pier 43 (F8C) Prepare C.J. at Existing Pile Cap	0	08-Aug-15 A	29-Aug-15 A																
1021-2240	Pier 43 (F8C) Construct Pier/Column	6	30-Aug-15 A	26-Sep-15																
1021-2260	Pier 43 (F8C) Construct Crosshead	24	29-Sep-15	28-Oct-15																
1021-2280	Pier 43 (F8C) Install Bearing	9	29-Oct-15	07-Nov-15																
Pier 36 to 37																				
1021-1580	Pier 36 (F1C) Prepare CJ at Existing Pile Cap	11	22-Oct-15	03-Nov-15																
1021-1600	Pier 36 (F1C) Construct Pier/Column	18	04-Nov-15	24-Nov-15																
1021-1620	Pier 36 (F1C) Construct Crosshead	24	25-Nov-15	22-Dec-15																
1021-1660	Pier 37 (F2C) Prepare CJ at Existing Pile Cap	11	10-Oct-15	23-Oct-15																
1021-1680	Pier 37 (F2C) Construct Pier/Column	18	24-Oct-15	13-Nov-15																
1021-1700	Pier 37 (F2C) Construct Crosshead	24	14-Nov-15	11-Dec-15																
1021-1720	Pier 37 (F2C) Install Bearing	9	12-Dec-15	22-Dec-15																
Abutment D12																				

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

Contract HY/2009/19
Three Months Rolling Programme (20 Sept to 19 Dec 2015)

Activity ID	Activity Name	Remaining Duration	Start	Finish	2015															
					September			October			November			December						
					13	20	27	04	11	18	25	01	08	15	22	29	06	13	20	
1021-1020	Construct Abutment D12 W/B Bridge	30	04-Nov-15	08-Dec-15																
1021-1040	Bearing installation D12 W/B Bridge	9	09-Dec-15	18-Dec-15																
Pier 28																				
1021-1740	Pier 28 Excav + Prepare C.J	0	10-Aug-15 A	11-Sep-15 A																
1021-1760	Pier 28 Construct Pier/Column	5	14-Sep-15 A	25-Sep-15																
1021-1780	Pier 28 Construct Crosshead	10	26-Sep-15	09-Oct-15																
1021-1800	Pier 28 Install Bearing	5	10-Oct-15	15-Oct-15																
Pier 20 to 25																				
1021-1060	Pier 22 Prepare C.J. and Modify Tie Beam	18	21-Sep-15	13-Oct-15																
1021-1080	Pier 22 Reconstruct Column	18	14-Oct-15	04-Nov-15																
1021-1100	Pier 22 Reconstruct Crosshead	24	05-Nov-15	02-Dec-15																
1021-1120	Pier 22 Install Bearing	6	03-Dec-15	10-Dec-15																
1021-1280	Pier 24 Prepare C.J. and Modify Tie Beam	18	21-Sep-15	13-Oct-15																
1021-1300	Pier 24 Reconstruct Column	18	14-Oct-15	04-Nov-15																
1021-1320	Pier 24 Reconstruct Crosshead	24	05-Nov-15	02-Dec-15																
1021-1340	Pier 24 Install Bearing	9	03-Dec-15	12-Dec-15																
1021-1360	Pier 25 Prepare C.J. and Modify Tie Beam	18	21-Sep-15	13-Oct-15																
1021-1380	Pier 25 Reconstruct Column	18	14-Oct-15	04-Nov-15																
1021-1400	Pier 25 Reconstruct Crosshead	24	05-Nov-15	02-Dec-15																
1021-1420	Pier 25 Install Bearing	9	03-Dec-15	12-Dec-15																
1021-1520	Pier 23 Reconstruct Column	18	21-Sep-15	13-Oct-15																
1021-1540	Pier 23 Reconstruct Crosshead	24	14-Oct-15	11-Nov-15																
1021-1560	Pier 23 Install Bearing	9	12-Nov-15	21-Nov-15																
Pier 17 to 19																				
1021-1215	Modify Pier 21 Crosshead (south wing) + Bearing	20	23-Sep-15	17-Oct-15																
1021-1225	Modify Pier 20 Crosshead (south wing) + Bearing	20	30-Sep-15	24-Oct-15																
1021-1230	Modify Pier 19 Crosshead (south wing) + Bearing	20	09-Oct-15	02-Nov-15																
1021-1235	Modify Pier 18 Crosshead (south wing) + Bearing	20	12-Oct-15	04-Nov-15																
10.2.2 - Bridge Construction																				
Bridge C1																				
1022-1000	Bridge C1 - Precast Beams Pier 17-21 W/B (9 nos)	9	05-Nov-15	14-Nov-15																
1022-1001	Bridge C1 - Construction (Pier 17 - 21) > Erect Scaffoldings + Platform + Pre-cast Planking	7	09-Nov-15	16-Nov-15																
1022-1002	Bridge C1 - Construction (Pier 17 - 21) > Rebar Fixing of Deck + Diaphragm + Concreting	20	17-Nov-15	09-Dec-15																
Bridge C2																				
1022-2750	Bridge C2 - Erect 6nos Pre-cast Beams by Crane D	5	10-Dec-15	16-Dec-15																
1022-2751	Bridge C2 - Construction (Pier 21 - 22) > Erect Scaffoldings + Platform + Pre-cast Planking	7	16-Dec-15	24-Dec-15																
Bridge C4																				
1022-1453	Bridge C5 - Erect Pier Segment at Pier 33 (1 no) > By Crane	2	06-Oct-15	07-Oct-15																
1022-1453.2	Bridge C4 - Erect Pier Segment at Pier 32 (2 nos) > By Crane	3	08-Oct-15	10-Oct-15																
1022-1453.3	Bridge C4 - Erect Pier Segment at Pier 31 (1 no) > By Crane	2	12-Oct-15	13-Oct-15																
1022-1453.4	Bridge C4 - Erect Pier Segment at Pier 30 (1 no) > By Crane	2	14-Oct-15	15-Oct-15																
1022-1453.5	Bridge C4 - Erect Pier Segment at Pier 29 (1 no) > By Crane	2	17-Oct-15	19-Oct-15																
1022-1453.6	Bridge C4 - Erect Pier Segment at Pier 28 (2 nos) > By Crane	2	20-Oct-15	22-Oct-15																
1022-1454	Erect Temp. Support on Top of Pier Segment P33 & 32 to much-up level of Ex. Pier 34	7	12-Oct-15	19-Oct-15																
1022-1455	Move LG1 to Temp. Support at Pier 33-32 from Pier 34-35	2	26-Oct-15	27-Oct-15																
1022-1455.2	Luanch LG1 to Pier 28 - Pier 30	5	28-Oct-15	02-Nov-15																
1022-1456.2	Bridge C4 - Erect T-Span Segment at Pier 29 (12 nos) > by LG1	9	03-Nov-15	12-Nov-15																
1022-1456.3	Bridge C4 - Erect End Span Segment at Pier 28N (4 nos) > by LG1	3	13-Nov-15	16-Nov-15																
1022-1456.4	Bridge C4 - Erect T-Span Segment at Pier 30 (10 nos) > by LG1	7	17-Nov-15	24-Nov-15																
1022-1456.5	Luanch LG1 to Pier 31 - Pier 33	1	25-Nov-15	25-Nov-15																
1022-1457	Bridge C4 - Erect T-Span Segment at Piers 31 (12 nos) > by LG1	9	26-Nov-15	05-Dec-15																
1022-1458	Bridge C4 - Erect End Span Segment at Piers 32 (4 nos) > by LG1	3	07-Dec-15	09-Dec-15																
1022-1458.2	Bridge C4 - Stitching between Pier 28 - 29	2	17-Nov-15	18-Nov-15																
1022-1458.3	Bridge C4 - Stitching between Pier 29 - 30	2	25-Nov-15	26-Nov-15																
1022-1458.4	Bridge C4 - Stitching between Pier 30 - 31	2	07-Dec-15	08-Dec-15																
1022-1459	Bridge C4 - Stitching between Pier 31 - 32	2	10-Dec-15	11-Dec-15																
1022-1460	Bridge C4 - External Stressing	10	12-Dec-15	23-Dec-15																
1022-3830	Complete Part of Portion VB (from Pier 28 - Pier 32)	0		11-Dec-15*																
Bridge C5																				
1022-1570	Bridge C5 - Erect T-span at Pier 33 (10 nos) > by LG1	9	10-Dec-15	19-Dec-15																
1022-1575	Bridge C4 - Erect End Span Segment at Piers 32 (5 nos) > by LG1	5	21-Dec-15	26-Dec-15																

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

Contract HY/2009/19
Three Months Rolling Programme (20 Sept to 19 Dec 2015)

Activity ID	Activity Name	Remaining Duration	Start	Finish	2015														
					September			October			November			December					
					13	20	27	04	11	18	25	01	08	15	22	29	06	13	20
1022-1578	Luanch LG1 to Pier 34 - Pier 36	1	28-Dec-15	28-Dec-15															
1022-1600	Bridge C5 - Stitching between Pier 32 and 33	3	28-Dec-15	30-Dec-15															
10.3 - Middle Bridge (Bridge F)																			
10.3.1 - Pier Construction																			
Abutment D12																			
1031-1920	Complete ABUT D12 at Middle Bridge	45	09-Nov-15	31-Dec-15															
10.5 - Temporary Bridge																			
10.5.1 - Temporary Bridge 'TA'																			
1051-3270	Demolition TA2 (Preparation and Mobilization) - TA28-27	7	27-Nov-15	04-Dec-15															
1051-3280	Demolition TA2 (Removal of Bridge Deck) - TA28-27	6	05-Dec-15	11-Dec-15															
1051-3290	Demolition TA2 (Removal of Pier 28)	5	12-Dec-15	17-Dec-15															
1051-3300	Demolition TA2 (Preparation and Mobilization) - TA27-26	7	04-Dec-15	11-Dec-15															
1051-3310	Demolition TA2 (Removal of Bridge Deck) - TA27-26	6	11-Dec-15	17-Dec-15															
1051-3320	Demolition TA2 (Removal of Pier 27)	5	18-Dec-15	23-Dec-15															
1051-3380	Demolition TA2 (Preparation and Mobilization) - TA24-23	7	27-Nov-15	04-Dec-15															
1051-3390	Demolition TA2 (Removal of Bridge Deck) - TA24-23	6	04-Dec-15	10-Dec-15															
1051-3400	Demolition TA2 (Preparation and Mobilization) - TA23-21	7	02-Dec-15	09-Dec-15															
1051-3410	Demolition TA2 (Removal of Bridge Deck) - TA23-21	6	11-Dec-15	17-Dec-15															
1051-3420	Demolition TA2 (Removal of Pier 22 & 21)	8	18-Dec-15	28-Dec-15															
1051-3470	Demolition TA2 (Removal of Pier 23)	3	28-Dec-15	30-Dec-15															
1051-3480	Demolition TA2 (Preparation and Mobilization) - TA24-25	6	07-Dec-15	12-Dec-15															
1051-3490	Demolition TA2 (Removal of Bridge Deck) - TA24-25	8	14-Dec-15	22-Dec-15															
1051-3500	Demolition TA2 (Removal of Pier 24)	3	23-Dec-15	26-Dec-15															
1051-3501	Demolition TA2 (Preparation and Mobilization) - TA25-26	6	14-Dec-15	19-Dec-15															
1051-3502	Demolition TA2 (Removal of Bridge Deck) - TA25-26	8	21-Dec-15	30-Dec-15															
10.6 - Tunnel Approach Ramp																			
10.6.1 - Approach Ramp (Excluding Portion IIB)																			
Bored Piles																			
1061-3980	Pre Bored H-Pile > Pile Ramp - BN14 A	10	21-Sep-15*	03-Oct-15															
1061-4000	Pre Bored H-Pile > Pile Ramp - BN14 B	14	25-Sep-15	13-Oct-15															
1061-4020	Pre Bored H-Pile > Pile Ramp - BN15 A	14	14-Oct-15*	30-Oct-15															
1061-4040	Pre Bored H-Pile > Pile Ramp - BN15 B	14	19-Oct-15	04-Nov-15															
1061-4060	Pre Bored H-Pile > Pile Ramp - BN16 A	14	24-Oct-15	09-Nov-15															
1061-4080	Pre Bored H-Pile > Pile Ramp - BN16 B	14	29-Oct-15	13-Nov-15															
1061-4100	Pre Bored H-Pile > Pile Ramp - BM07 A	14	03-Nov-15	18-Nov-15															
1061-4120	Pre Bored H-Pile > Pile Ramp - BM07 B	14	07-Nov-15	23-Nov-15															
1061-4140	Pre Bored H-Pile > Pile Ramp - BM08 A	14	12-Nov-15	27-Nov-15															
1061-4160	Pre Bored H-Pile > Pile Ramp - BM08 B	14	17-Nov-15	02-Dec-15															
1061-4180	Pre Bored H-Pile > Pile Ramp - BM06 A	14	21-Nov-15	07-Dec-15															
1061-4200	Pre Bored H-Pile > Pile Ramp - BM06 B	14	26-Nov-15	11-Dec-15															
1061-4220	Pre Bored H-Pile > Pile Ramp - BM05 A	14	01-Dec-15	16-Dec-15															
1061-4240	Pre Bored H-Pile > Pile Ramp - BM05 B	14	05-Dec-15	21-Dec-15															
1061-4260	Pre Bored H-Pile > Pile Ramp - BM04 A	14	10-Dec-15	26-Dec-15															
1061-4280	Pre Bored H-Pile > Pile Ramp - BM04 B	14	15-Dec-15	31-Dec-15															
ELS																			
1061-1200	Drive Sheet Pile for Trough A & B (excl IIB) - Appr. Ramp > Pier D10-D09 Northern Side	14	15-Oct-15*	31-Oct-15															
1061-1220	Drive Sheet Pile for Trough A & B (excl IIB) - Appr. Ramp > Pier D09-D08 Northern Side	14	02-Nov-15	17-Nov-15															
1061-1240	Drive Sheet Pile for Trough A & B (excl IIB) - Appr. Ramp > Pier D08-D07 Northern Side	14	18-Nov-15	03-Dec-15															
1061-1260	Drive Sheet Pile for Trough A & B (excl IIB) - Appr. Ramp > Pier D07 Cross Sectional Side	14	04-Dec-15	19-Dec-15															
1061-1320	Drive Sheet Pile for Trough A & B (excl IIB) - Appr. Ramp > Pier D10-D09 Cross Sectional Side	14	15-Oct-15	31-Oct-15															
1061-1340	Drive Sheet Pile for Trough A & B (excl IIB) - Appr. Ramp > Pier D10-D09 Southern Side	14	02-Nov-15	17-Nov-15															
1061-1360	Drive Sheet Pile for Trough A & B (excl IIB) - Appr. Ramp > Pier D09-D08 Southern Side	14	18-Nov-15	03-Dec-15															
1061-1380	Drive Sheet Pile for Trough A & B (excl IIB) - Appr. Ramp > Pier D08-D07 Southern Side	14	04-Dec-15	19-Dec-15															
1061-1390	Install H-Pile King Post	14	15-Oct-15	31-Oct-15															
1061-1400	Install & Operate Dewatering System (excl IIB) - Appr. Ramp > Pier D07-D08	7	02-Nov-15	09-Nov-15															
1061-1420	Install & Operate Dewatering System (excl IIB) - Appr. Ramp > Pier D08-D09	7	10-Nov-15	17-Nov-15															
1061-1440	Install & Operate Dewatering System (excl IIB) - Appr. Ramp > Pier D09-D10	7	18-Nov-15	25-Nov-15															
10.7 - Section X - Miscellaneous Works																			
10.7.1 - TTM Stages																			
1071-1240	TTM Stage 5 - TMLG Consultation and Endorsement	67	29-Jun-15A	25-Nov-15															
1071-1260	TTM Stage 5 - TTM Enabling Works	1	26-Nov-15	26-Nov-15															

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

Contract HY/2009/19
Three Months Rolling Programme (20 Sept to 19 Dec 2015)

Activity ID	Activity Name	Remaining Duration	Start	Finish	2015															
					September			October			November			December						
					13	20	27	04	11	18	25	01	08	15	22	29	06	13	20	
1071-1280	TTM Stage 5 - Hing Fat Slip Road Divert 1 Lane through 'Bridge From Pier E4 to Pier E2' to Release	0		26-Nov-15																◆ TTM Stage 5 - Hing Fat Slip Road Divert 1 Lane through
11 - SECTION 11 OF THE WORKS																				
11.2 - Roadworks																				
1110-2601	Watermains at Portion X1IA - Stage 1 (parking Meters)	0	10-Aug-15 A	25-Aug-15 A																
1110-2700	Watermains at Portion X1IA - Stage 2 (parking Meters)	0	25-Aug-15 A	08-Sep-15 A																
1110-2710	Watermains at Portion X1IA - Stage 3 (parking Meters)	3	09-Sep-15 A	23-Sep-15																
1110-2720	Watermains at Portion X1IA - Stage 4 (parking Meters)	10	24-Sep-15	07-Oct-15																
1110-2730	Watermains at Portion X1IA - Stage 5 (parking Meters)	12	08-Oct-15	22-Oct-15																
1110-2740	Watermains at Portion X1IA - Stage 6 (King Ming Rd. junction)	8	14-Sep-15 A	30-Sep-15																
1110-2750	Watermains at Portion X1IA - Stage 7 (King Ming Rd. junction & connection pt.)	12	02-Oct-15	15-Oct-15																
1110-2760	Watermains at Portion X1IA - Stage 8 (Run-in/out to carpark at Victoria Ctr.)	13	07-Oct-15	22-Oct-15																
1110-2770	Watermains at Portion X1IA - Stage 9 (Run-in/out to carpark at Victoria Ctr.)	13	23-Oct-15	06-Nov-15																
1110-2780	Watermains at Portion X1IA - Stage 10 (motor cycle parking)	13	23-Oct-15	06-Nov-15																
1110-2790	Watermains at Portion X1IA - Stage 11 (motor cycle parking)	12	07-Nov-15	20-Nov-15																
1110-2800	Watermains at Portion X1IA - Testing & commissioning of Watermains	4	21-Nov-15	25-Nov-15																
1110-2810	Watermains at Portion X1IA - Reinstatement of Pavement at connection Pt.	4	26-Nov-15	30-Nov-15																

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

Contract HY/2009/19
Three Months Rolling Programme (20 Sept to 19 Dec 2015)

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015				2016			
						Nov	Dec	Jan	Feb	Nov	Dec	Jan	Feb
Update 2015-11-20 CWB(CC) - Commissioning Contract (DWP R2a)													
PRELIMINARIES AND GENERAL REQUIREMENTS													
Salient Key Dates and Milestones													
Possession Dates and Vacation Dates													
PO-V	Possession of Portion V (Day 607) - CH2950-3250 / SR3 / SR2 / SCP3	722d	28-Oct-15 A	29-Oct-15 A									
PO-Va	Possession of Portion V (Day 607) - CH2950-3210	722d	28-Oct-15 A	18-Oct-17	3d								
PO-Xa_1	Possession of Portion Xa (Day 650) - ADB Southern Portion (AECOM letter ref: 2015007890T)	679d	10-Dec-15	18-Oct-17	-82d								
PO-Vc	Possession of Portion V (Day 607) - CH3210-3250 - Tentative, To Be Confirmed.	658d	31-Dec-15	18-Oct-17	-24d								
PO-IXb	Possession of Portion IXb (Day 712) - EVB (below +3.6mPD to tunnel top slab)	617d	10-Feb-16	18-Oct-17	6d								
PO-IXc	Possession of Portion IXc (Day 712) - EVB above 3.6mPD	617d	10-Feb-16	18-Oct-17	6d								
Submissions and Approvals													
Initial General Submission													
1210	Submission of 1st Construction video film	0d		20-Nov-15*	-292d								
9932	Submission of 1st Project video film Video1 / Video2 (Release II)	0d		20-Nov-15*	-292d								
1211	Submission of 1st Project video film	0d		31-Jan-16*	0d								
Specified Plans													
1172	Submission of a Traffic management Contingency Plan	90d	20-Nov-15	17-Feb-16	532d								
DETAILED DESIGN OF WORKS													
Permanent Works Design and Engineering													
Metal Roof on MVB													
2182	MVB Roof - Prepare Preliminary Design and Submission	48d	20-Nov-15	18-Jan-16	-41d								
2184	MVB Roof - Finalise preliminary design and ICE Review	24d	19-Jan-16	22-Feb-16	-41d								
Metal Roof on WVB													
2180	WVB Roof - Engineer review & Approval; Consent to Proceed Construction	24d	07-Feb-15 A	18-Dec-15	-51d								
12952d	WVB Roof - Further metal roof (Eastern side) design amendment submission and ICE checks & issue Check Certificate	24d	15-Sep-15 A	11-Dec-15	-51d								

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

Leighton Contractors (Asia) Limited
Programme Update 21 (November 2015)
THREE MONTH ROLLING

Project ID: H2613-U021
 Baseline: DWP2a
 Layout: Update Three Month Rolling U021
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Date	Revision	Checked	Appro...
20-Oct-15	U020	AT	CW
20-Nov-15	U021	AT	CW

Data Date: 20-Nov-15

CWB(CC) - Commissioning Contract

TASK filters: 3 Months_4, Not HL.

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	Gantt Chart																	
						2015				2016													
						Nov	Dec	Jan	Feb	Nov	Dec	Jan	Feb	Nov	Dec	Jan	Feb						
12952c	WVB Roof - Further design amendment submission to the Engineer with ICE Certificate	6d	12-Dec-15	18-Dec-15	-51d																		
Green Roof on EVB																							
2160	EVB Roof - Engineer review & approval	48d	24-Aug-15 A	26-Nov-15	32d																		
2162	EVB Roof - Prepare the Detailed Design submission	18d	20-Nov-15	10-Dec-15	20d																		
2164	EVB Roof - Finalise detailed design submission and ICE Checks & issue Check Certificate	36d	11-Dec-15	25-Jan-16	20d																		
12440	EVB Roof - Submit detailed design to the Engineer with ICE Certificate	0d		25-Jan-16	20d																		
2166	EVB Roof - Engineer review & Approval; Consent to Proceed Construction	24d	26-Jan-16	29-Feb-16	20d																		
Green Wall on ADB																							
10232	ADB Green Wall - Engineer review & approval	48d	24-Aug-15 A	26-Nov-15	52d																		
10234	ADB Green Wall - Prepare the Detailed Design submission	18d	20-Nov-15	10-Dec-15	40d																		
10236	ADB Green Wall - Finalise detailed design submission and ICE Checks & issue Check Certificate	36d	11-Dec-15	25-Jan-16	40d																		
12442	ADB Green Wall - Submit detailed design to the Engineer with ICE Certificate	0d		25-Jan-16	40d																		
10238	ADB Green Wall - Engineer review & Approval; Consent to Proceed Construction	24d	26-Jan-16	29-Feb-16	40d																		
Landscaping & Associated Irrigation System																							
10258	Landscaping - Prepare Preliminary Design and Submission	24d	11-Dec-15	11-Jan-16	145d																		
10260	Landscaping - Finalise preliminary design and ICE Review	24d	12-Jan-16	15-Feb-16	145d																		
10270	Landscaping - Submit to the Engineer with ICE Certificate	0d		15-Feb-16	145d																		
10262	Landscaping - Engineer review & approval	48d	16-Feb-16	15-Apr-16	145d																		
Architectural Feature for EVS																							
2146	EVS - Engineer review & approval	48d	02-Mar-15 A	27-Nov-15	-11d																		
2152	EVS - Engineer review & Approval; Consent to Proceed Construction	24d	14-Oct-15 A	27-Nov-15	104d																		
Electrical System																							
ES System																							
ITP, Method Statement & Testing & Commissioning Plan																							
10550	ES - Preparation of Method Statement for Installation	30d	20-Aug-15 A	01-Dec-15	85d																		

- ◆ Current Milestone
- Critical Remaining Work
- ▬ Level of Effort
- ▬ Remaining Work
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Leighton Contractors (Asia) Limited Programme Update 21 (November 2015) THREE MONTH ROLLING

Project ID: H2613-U021
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Date	Revision	Checked	Appro...
20-Oct-15	U020	AT	CW
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Data Date: 20-Nov-15

CWB(CC) - Commissioning Contract

TASK filters: 3 Months_4, Not HL.

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015											
						2015				2016							
						Nov	Dec	Jan	Feb								
10982	ES - Method Statement submission (AECOM review / approval)	60d	06-Oct-15 A	08-Jan-16	55d	[Gantt bar: 06-Oct-15 to 08-Jan-16]											
10980	ES - Method Statement submission (ICE Approval / Cert) - Not required	1d	01-Dec-15	01-Dec-15	85d	[Gantt bar: 01-Dec-15]											
10552	ES - Preparation of Testing & Commissioning	28d	09-Jan-16	17-Feb-16	140d	[Gantt bar: 09-Jan-16 to 17-Feb-16]											
10554	ES - Testing & Commissioning submission to AECOM	60d	18-Feb-16	03-May-16	140d	[Gantt bar: 18-Feb-16 to 03-May-16]											
Building Services System																	
MVAC System																	
Subletting																	
11028	MVAC - Confirm S/C Terms and Issue LOI subject to AECOM Approval	50d	28-Apr-15 A	12-Dec-15	20d	[Gantt bar: 28-Apr-15 to 12-Dec-15]											
ITP, Method Statement & Testing & Commissioning Plan																	
11062	MVAC System - Preparation of Method Statement for Installation	50d	20-Nov-15	20-Jan-16	41d	[Gantt bar: 20-Nov-15 to 20-Jan-16]											
11066	MVAC System - Method Statement (ICE approval / cert)	12d	21-Jan-16	03-Feb-16	41d	[Gantt bar: 21-Jan-16 to 03-Feb-16]											
11068	MVAC System - Method Statement submission to AECOM	68d	04-Feb-16	05-May-16	41d	[Gantt bar: 04-Feb-16 to 05-May-16]											
Fire Services System (FS)																	
ITP, Method Statement & Testing & Commissioning Plan																	
11018	FS System - Preparation of Method Statement for Installation	50d	21-Sep-15 A	21-Dec-15	10d	[Gantt bar: 21-Sep-15 to 21-Dec-15]											
11022	FS System - Method Statement (ICE approval / cert) - No ICE needed	1d	22-Dec-15	22-Dec-15	10d	[Gantt bar: 22-Dec-15]											
11024	FS System - Method Statement submission to AECOM	80d	23-Dec-15	08-Apr-16	10d	[Gantt bar: 23-Dec-15 to 08-Apr-16]											
Plumbing System (PL)																	
Subletting																	
11072	PL - Confirm S/C Terms and Issue LOI subject to AECOM Approval	12d	20-Nov-15	03-Dec-15	184d	[Gantt bar: 20-Nov-15 to 03-Dec-15]											
ITP, Method Statement & Testing & Commissioning Plan																	
11106	PL System - Preparation of Method Statement for Installation	50d	05-Oct-15 A	08-Jan-16	78d	[Gantt bar: 05-Oct-15 to 08-Jan-16]											
Drainage System (DR)																	
ITP, Method Statement & Testing & Commissioning Plan																	
11122	DR System - Method Statement (ICE approval / cert)	13d	12-Oct-15 A	30-Oct-15 A		[Gantt bar: 12-Oct-15 to 30-Oct-15]											

- ◆ Current Milestone
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CWB(CC) - Commissioning Contract

TASK filters: 3 Months_4, Not HL.

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	Gantt Chart											
						2015				2016							
						Nov	Dec	Jan	Feb								
11124	DR System - Method Statement to AECOM	80d	16-Oct-15 A	13-Nov-15 A		[Gantt bar: 16-Oct-15 to 13-Nov-15]											
10500	DR System - Preparation of Testing & Commissioning	60d	20-Nov-15	01-Feb-16	118d	[Gantt bar: 20-Nov-15 to 01-Feb-16]											
11126	DR System - Testing & Commissioning to AECOM	90d	02-Feb-16	30-May-16	118d	[Gantt bar: 02-Feb-16 to 30-May-16]											
Access Road at Area D & E																	
12720	Access Road at Area D & E - Prepare design submission	24d	26-Jan-16	29-Feb-16	274d	[Gantt bar: 26-Jan-16 to 29-Feb-16]											
PROCUREMENT, MANUFACTURING & DELIVERIES																	
Procurement; Manufacturing; Deliveries																	
Metal Roof on WVB																	
Shop Drawings																	
12844a	WVB Roof - Shop Drawings review by the Engineer (Eastern Side)	24d	26-Mar-15 A	22-Dec-15	-64d	[Gantt bar: 26-Mar-15 to 22-Dec-15]											
12844b	WVB Roof - Shop Drawings review by the Engineer (Western Side)	24d	26-Mar-15 A	01-Dec-15	-91d	[Gantt bar: 26-Mar-15 to 01-Dec-15]											
2216	WVB Roof - Obtain Approval for Shop Drawings	0d		22-Dec-15	-64d	[Milestone: 22-Dec-15]											
Procurement & Fabrication																	
2218a2	WVB Roof - Fabrication drawing (Western Side) submission to the Engineer and obtain approval	12d	02-Dec-15	13-Dec-15	-91d	[Gantt bar: 02-Dec-15 to 13-Dec-15]											
2218	WVB Roof - Confirm design of embed items	0d	14-Dec-15		-85d	[Milestone: 14-Dec-15]											
2220a	WVB Roof - assembly units fabrication & delivery	30d	14-Dec-15	12-Jan-16	-85d	[Gantt bar: 14-Dec-15 to 12-Jan-16]											
2224	WVB Roof - Metal Roof Fabrication (For Tunnel portal side)	36d	14-Dec-15	18-Jan-16	-91d	[Gantt bar: 14-Dec-15 to 18-Jan-16]											
2218a1	WVB Roof - Fabrication drawing (Eastern Side) submission to the Engineer and obtain approval	12d	23-Dec-15	03-Jan-16	-62d	[Gantt bar: 23-Dec-15 to 03-Jan-16]											
12776a	WVB Roof - Metal Roof Fabrication (For Eastern side)	36d	04-Jan-16	08-Feb-16	-62d	[Gantt bar: 04-Jan-16 to 08-Feb-16]											
2222a	WVB Roof - Commence assembly units installation	0d	13-Jan-16		-85d	[Milestone: 13-Jan-16]											
2226	WVB Roof - Commencement of works	0d	19-Jan-16		-74d	[Milestone: 19-Jan-16]											
VE Brackets / Panels																	
Procurement & Fabrication																	
12886	VE Brackets / Panels - Manufacturing & Delivery (Brackets) 3rd batch	24d	25-Sep-15 A	09-Dec-15	10d	[Gantt bar: 25-Sep-15 to 09-Dec-15]											
12508	VE Brackets / Panels - Manufacturing & Delivery (Panels)	60d	20-Nov-15	18-Jan-16	109d	[Gantt bar: 20-Nov-15 to 18-Jan-16]											

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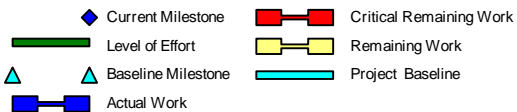
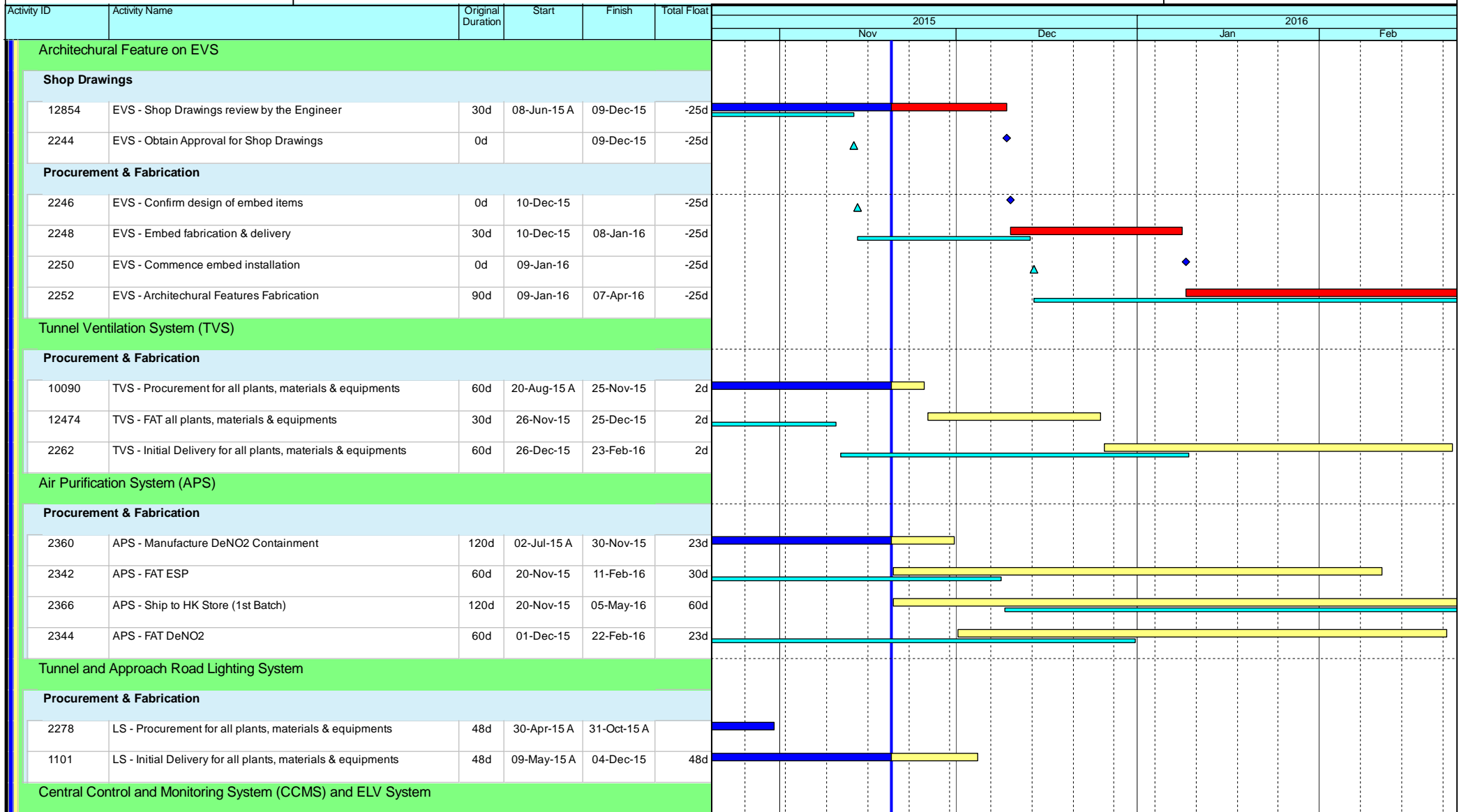
Leighton Contractors (Asia) Limited Programme Update 21 (November 2015) THREE MONTH ROLLING

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CWB(CC) - Commissioning Contract

TASK filters: 3 Months_4, Not HL.



Leighton Contractors (Asia) Limited Programme Update 21 (November 2015) THREE MONTH ROLLING

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Data Date: 20-Nov-15

CWB(CC) - Commissioning Contract

TASK filters: 3 Months_4, Not HL.

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	Gantt Chart											
						2015				2016							
						Nov	Dec	Jan	Feb	Nov	Dec	Jan	Feb				
Procurement & Fabrication																	
12476	CCMS - FAT for all plants, materials & equipments	30d	20-Nov-15	19-Dec-15	-10d												
2286	CCMS - Initial Delivery for all plants, materials & equipments	60d	20-Dec-15	17-Feb-16	-10d												
Traffic Control and Surveillance System (TCSS)																	
Procurement & Fabrication																	
12478	TCSS - FAT for all plants, materials & equipments	90d	20-Nov-15	17-Feb-16	-30d												
2294	TCSS - Initial Delivery for all plants, materials & equipments	90d	20-Dec-15	18-Mar-16	-30d												
Electrical System																	
Drawing Submission																	
10562	ES - Cable containment layout submission (AECOM review & approval)	60d	19-Aug-14 A	04-Dec-15	205d												
10566	ES - Power layout drawings submission (AECOM review & approval)	60d	20-Aug-14 A	09-Dec-15	200d												
Manufacture & Delivery, FAT																	
10606	ES - LV switchboard FAT	24d	10-Sep-15 A	29-Oct-15 A													
10548	ES - HV switchboard / Transformer Delivery	30d	17-Oct-15 A	25-Nov-15	90d												
10632	ES - UPS system Delivery	24d	21-Oct-15 A	21-Nov-15	166d												
10608	ES - LV switchboard Delivery	30d	30-Oct-15 A	18-Nov-15 A													
10614	ES - MCC FAT	24d	06-Nov-15 A	21-Nov-15	120d												
10616	ES - MCC Delivery	30d	23-Nov-15	29-Dec-15	120d												
Building Services System																	
Shop Drawings / CSD / CBWD																	
2306	BS(WVB) - Obtain Approval for Shop Drawings, CSD & CBWD	0d		20-Nov-15	622d												
2314	BS(MVB) - Obtain Approval for Shop Drawings, CSD & CBWD	0d		20-Nov-15	666d												
2318	BS(EVB) - Obtain Approval for Shop Drawings, CSD & CBWD	0d		20-Nov-15	622d												
MVAC Procurement, Manufacture & Delivery, FAT																	
11060	MVAC System - Manufacture & Deliver	44d	04-Nov-15 A	31-Dec-15	6d												

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

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CWB(CC) - Commissioning Contract

TASK filters: 3 Months_4, Not HL.

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015				2016					
						Nov	Dec	Jan	Feb	Jan	Feb	Mar	Apr		
Fire Services System Procurement, Manufacture & Delivery, FAT															
11016	FS System - Manufacture & Deliver	120d	03-Oct-15 A	07-Nov-15 A											
Plumbing System Procurement, Manufacture & Delivery, FAT															
11102	PL System - Procurement of PL Pump	50d	04-Jul-15 A	31-Oct-15 A											
11104	PL System - Manufacture & Deliver	92d	02-Nov-15 A	02-Mar-16	116d										
12482	PL System - FAT of PL Pump (No FAT required)	0d	20-Nov-15	20-Nov-15	116d										
Drainage System Procurement, Manufacture & Delivery, FAT															
10496	DR System - Manufacture & Deliver	66d	06-Jun-15 A	01-Dec-15	64d										
Thermal Barriers															
Procurement & Fabrication															
12824	TB - Delivery for Thermal Barriers materials(remaining batches)	90d	27-Jun-15 A	29-Dec-15	307d										
Petrol Filling System (Subject to construction details from AECOM)															
Procurement & Fabrication															
12670	Petrol Filling System - Issue PO for Petrol Filling System materials	0d	20-Nov-15		396d										
12672	Petrol Filling System - Delivery for Petrol Filling System materials	48d	20-Nov-15	06-Jan-16	396d										
CONSTRUCTION															
West Ventilation Building (WVB - related)															
Tunnel Section (WVB-related)															
Portion IIa, IIb & IIc [CH1360 to CH1580]															
Westbound															
12208	IIb&IIc(WB) - E&M brackets & VE Panels brackets (include protection) (1920m2)	21d	20-Jul-15 A	12-Dec-15	-24d										
4924a	IIb&IIc(WB) - Thermal Barrier installation (include protection removal) - 1st coat (1 team)	73d	03-Aug-15 A	12-Dec-15	-24d										
4924b	IIb&IIc(WB) - Thermal Barrier installation (include protection removal) - Final coat (1 team)	73d	14-Dec-15	17-Mar-16	-24d										
Eastbound															
6124	IIb&IIc(EB) - Mobilisation & Setup	2d	14-Dec-15	15-Dec-15	41d										

- ◆ Current Milestone
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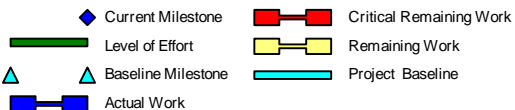
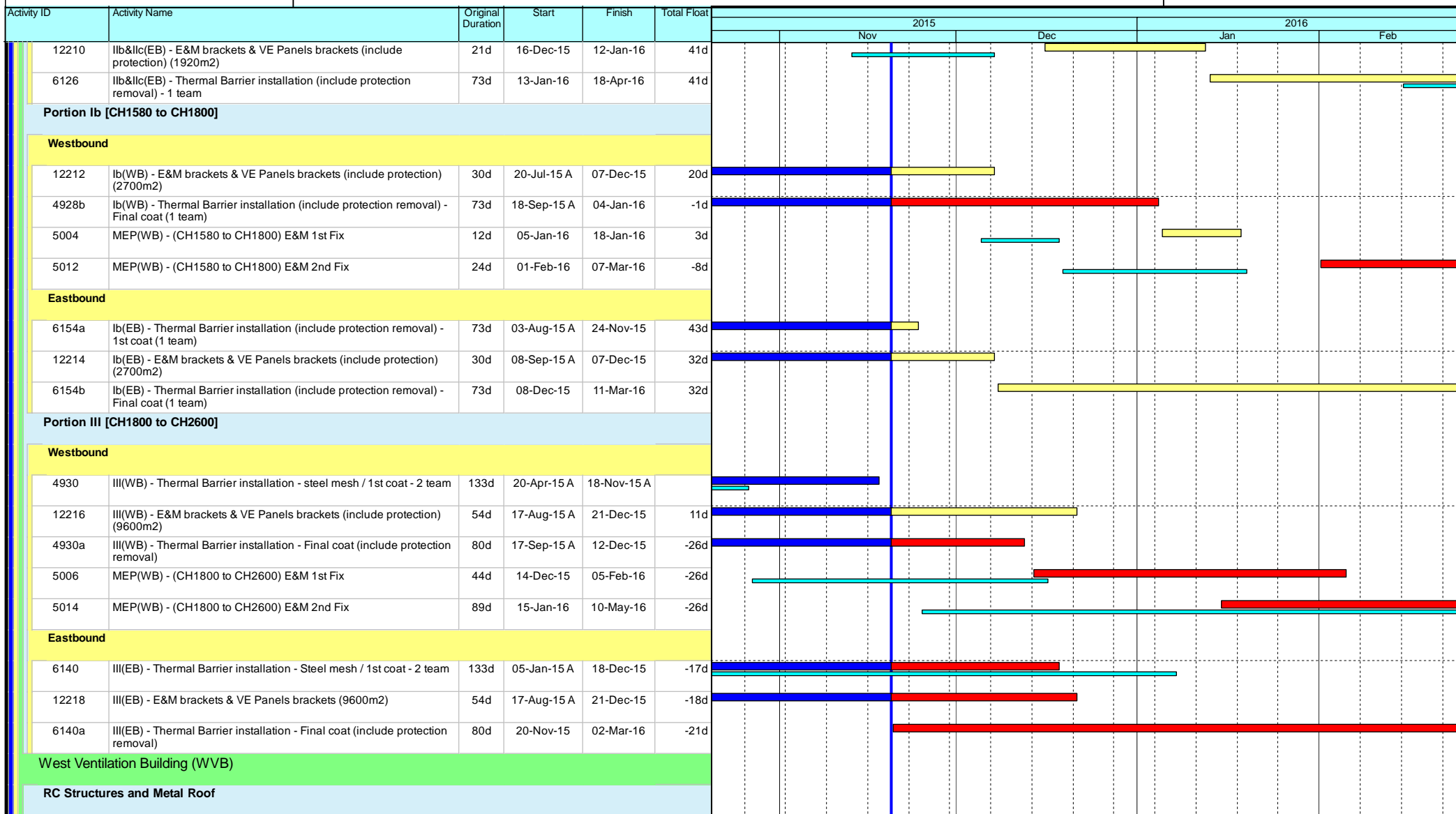
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CWB(CC) - Commissioning Contract

TASK filters: 3 Months_4, Not HL.



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CWB(CC) - Commissioning Contract

TASK filters: 3 Months_4, Not HL.

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015				2016					
						Nov		Dec		Jan		Feb			
						1	2	1	2	1	2	1	2		
Plenum (GL A-C / C-F) (VO 09)															
GL A-C / C-F Plenum (VO 09)															
12892	WVB - VO on drill & fix missing starter bars (VO 09)	48d	28-Feb-14 A	02-Jan-16	-7d										
12982b	WVB - VO on drill & fix missing starter bars - below Grid Line 4 (RFV 4 / 13) (VO 09)	30d	19-Sep-15 A	02-Jan-16	-7d										
1/F															
GL A-C / Column C1-C9															
10350	WVB 1/F - Close formwork for beam & slab	4d	26-May-15 A	23-Dec-15	-31d										
10352	WVB 1/F - Concrete beam & slab	1d	24-Dec-15	24-Dec-15	-31d										
L1-09 Computer Equipment Room															
12728	WVB 1/F (GL A-C) - Internal walls / Cast-in items	12d	04-Jan-16	16-Jan-16	-19d										
L1 (GL A-C) Rooms / Corridors / Staircase															
10354	WVB 1/F (GL A-C) - Internal walls / Cast-in items	24d	04-Jan-16	30-Jan-16	-13d										
R/F															
GL C-F / Column C10-C18															
10008	WVB R/F - Close formwork for beam & slab	4d	28-Dec-15	31-Dec-15	-31d										
10010	WVB R/F - Concrete beam & slab (UR/F)	1d	02-Jan-16	02-Jan-16	-31d										
L2-01 TV Plenum															
10402	WVB L2-01 - Internal walls / Cast-in items	6d	01-Feb-16	06-Feb-16	14d										
10404	WVB L2-01 - RC curb for SFD	6d	15-Feb-16	20-Feb-16	14d										
L2 (GL C-F) Other Rooms / Corridors / Staircase															
10408	WVB R/F (GL C-F) - Internal walls / cast-in items	24d	15-Feb-16	12-Mar-16	14d										
Metal Roof															
10442	WVB - Installation of temporary roof support at tunnel portal	18d	19-Jan-16	15-Feb-16	-74d										
10440	WVB - Erection of 1st steel structure at tunnel portal	6d	16-Feb-16	22-Feb-16	-74d										
MEP & ABWF Works															

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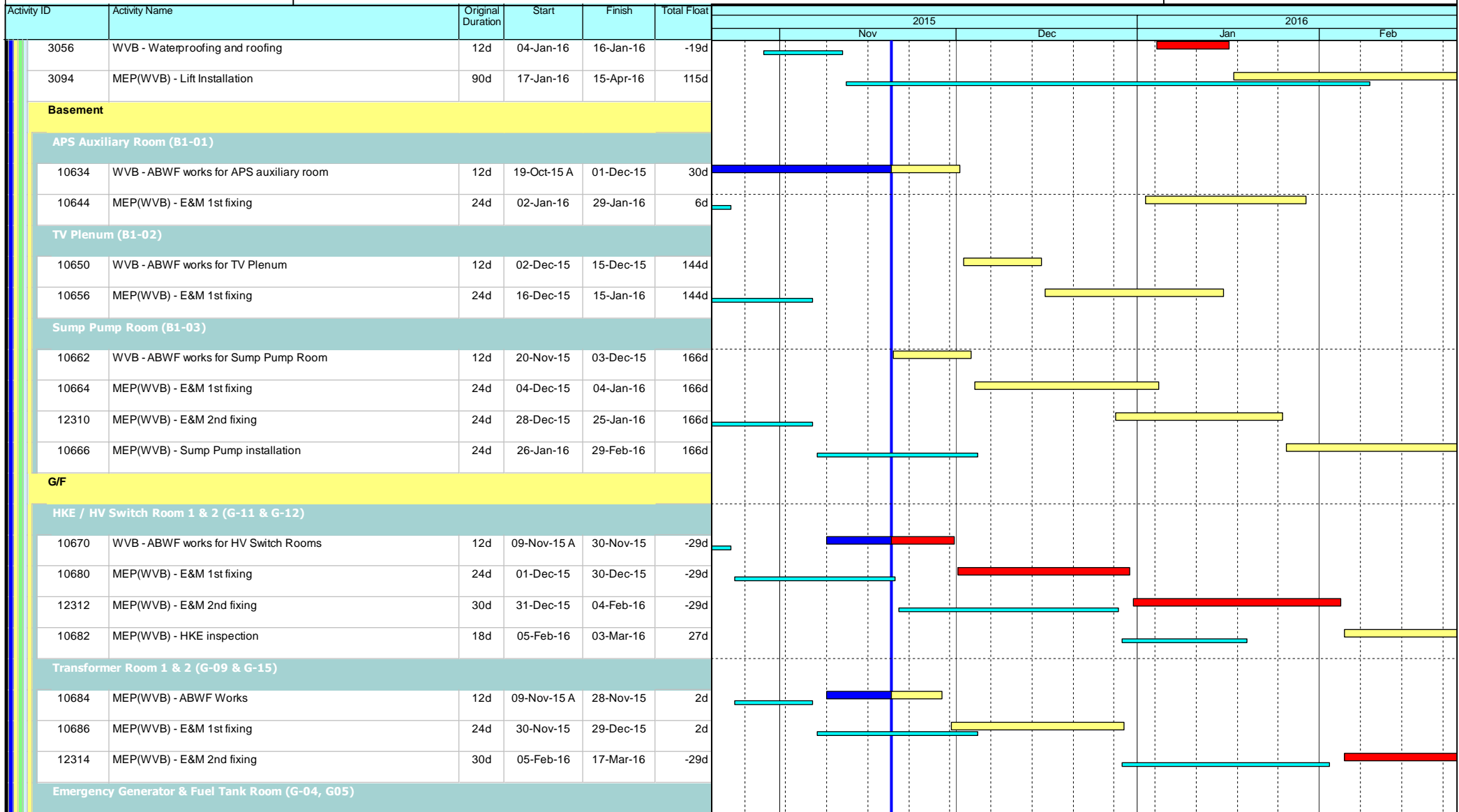
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CWB(CC) - Commissioning Contract

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Leighton Contractors (Asia) Limited Programme Update 21 (November 2015) THREE MONTH ROLLING

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CWB(CC) - Commissioning Contract

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Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015												2016											
						Nov						Dec						Jan						Feb					
10694	MEP(WVB) - ABWF Works	12d	09-Nov-15 A	01-Dec-15	54d																								
10696	MEP(WVB) - E&M 1st fixing	24d	02-Dec-15	31-Dec-15	54d																								
Fire Control Centre (G-01)																													
10714	MEP(WVB) - ABWF Works	12d	09-Nov-15 A	01-Dec-15	108d																								
10716	MEP(WVB) - E&M 1st fixing	12d	02-Dec-15	15-Dec-15	108d																								
Tunnel FS Pump Room (G-02)																													
10722	MEP(WVB) - ABWF Works	12d	09-Nov-15 A	01-Dec-15	84d																								
10724	MEP(WVB) - E&M 1st fixing	12d	02-Dec-15	15-Dec-15	84d																								
TVF Room (G-08)																													
10732	MEP(WVB) - ABWF Works	12d	02-Dec-15	15-Dec-15	84d																								
10734	MEP(WVB) - E&M 1st fixing	12d	16-Dec-15	31-Dec-15	84d																								
FS Water Tank & Pump Room (G-14)																													
10740	MEP(WVB) - ABWF Works	12d	02-Dec-15	15-Dec-15	108d																								
10742	MEP(WVB) - E&M 1st fixing	12d	16-Dec-15	31-Dec-15	108d																								
Pressurization Fan Room (G-16)																													
10748	MEP(WVB) - ABWF Works	12d	16-Dec-15	31-Dec-15	108d																								
10750	MEP(WVB) - E&M 1st fixing	12d	02-Jan-16	15-Jan-16	108d																								
Fresh and Flushing Water Tank & Pump Room (G-22)																													
10756	MEP(WVB) - ABWF Works	12d	09-Nov-15 A	01-Dec-15	144d																								
10758	MEP(WVB) - E&M 1st fixing	12d	02-Dec-15	15-Dec-15	144d																								
Rain Water & Irrigation Water Tank & Pump Room (G-23)																													
10766	MEP(WVB) - ABWF Works	12d	09-Nov-15 A	01-Dec-15	156d																								
10768	MEP(WVB) - E&M 1st fixing	12d	02-Dec-15	15-Dec-15	156d																								
General Area & Corridor																													
10706	MEP(WVB) - ABWF Works	12d	09-Nov-15 A	01-Dec-15	162d																								

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

Leighton Contractors (Asia) Limited Programme Update 21 (November 2015) THREE MONTH ROLLING

Project ID: H2613-U021
 Baseline: DWP2a
 Layout: Update Three Month Rolling U021
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Date	Revision	Checked	Appro...
20-Oct-15	U020	AT	CW
20-Nov-15	U021	AT	CW

Data Date: 20-Nov-15

CWB(CC) - Commissioning Contract

TASK filters: 3 Months_4, Not HL.

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015				2016					
						Nov		Dec		Jan		Feb			
						Actual	Remaining	Actual	Remaining	Actual	Remaining	Actual	Remaining		
10708	MEP(WVB) - E&M 1st fixing	30d	02-Dec-15	08-Jan-16	162d										
1/F															
LV Switch Room (L1-10)															
10774	WVB - ABWF works for LV Switch Rooms	12d	01-Feb-16	20-Feb-16	-13d										
TVF Room (L1-03)															
10808	MEP(WVB) - ABWF Works	12d	04-Jan-16	16-Jan-16	-31d										
10810	MEP(WVB) - E&M 1st fixing	24d	18-Jan-16	20-Feb-16	-31d										
Computer Equipment Room (L1-09)															
12730	MEP(WVB) - ABWF Works	12d	18-Jan-16	30-Jan-16	-19d										
12732	MEP(WVB) - E&M 1st fixing	24d	01-Feb-16	05-Mar-16	-19d										
E&M Testing & Commissioning / Statutory Inspection															
12602	MEP(WVB) - DG submission to FSD	0d	02-Feb-16		-20d										
Middle Ventilation Building (MVB - related)															
Tunnel Section (MVB-related)															
Portion V [CH2950 to CH3250] - Original Section in DWP Rev.2a															
5142	Possession of Portion V	0d	28-Oct-15 A												
5144	V - Initial Site Survey	12d	28-Oct-15 A	12-Mar-16	738d										
Westbound (Outer Lane)															
5146	V(WB) - Mobilisation & Setup	6d	18-Nov-15 A	21-Jan-16	-19d										
12226	V(WB) - E&M brackets & VE Panels brackets (include protection) (1800m2)	50d	25-Nov-15	25-Jan-16	-19d										
5148	V(WB) - Thermal Barrier installation (include protection removal) - 1 team	100d	18-Dec-15	27-Apr-16	2d										
Eastbound (Outer Lane)															
5160	V(EB) - Mobilisation & Setup	36d	18-Dec-15	01-Feb-16	-10d										
12228	V(EB) - E&M brackets & VE Panels brackets (include protection) (1800m2)	33d	28-Dec-15	04-Feb-16	-10d										
5162	V(EB) - Thermal Barrier installation (include protection removal) - 1 team	156d	18-Feb-16	26-Aug-16	2d										

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

Leighton Contractors (Asia) Limited Programme Update 21 (November 2015) THREE MONTH ROLLING

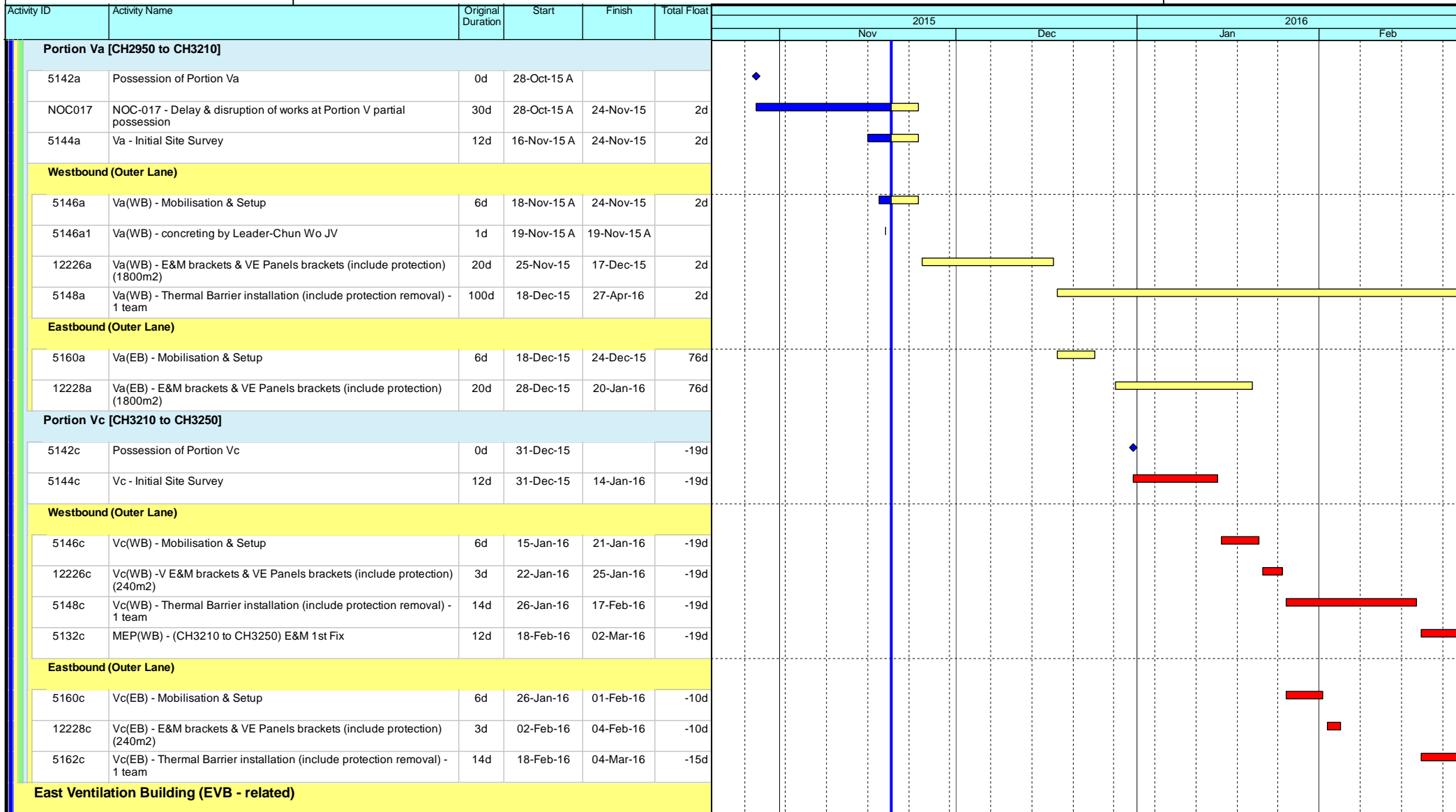
Project ID: H2613-U021
 Baseline: DWP2a
 Layout: Update Three Month Rolling U021
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Date	Revision	Checked	Appro...
20-Oct-15	U020	AT	CW
20-Nov-15	U021	AT	CW

Data Date: 20-Nov-15

CWB(CC) - Commissioning Contract

TASK filters: 3 Months_4, Not HL.



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

Leighton Contractors (Asia) Limited Programme Update 21 (November 2015) THREE MONTH ROLLING

Project ID: H2613-U021
 Baseline: DWP2a
 Layout: Update Three Month Rolling U021
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Date	Revision	Checked	Appro...
20-Oct-15	U020	AT	CW
20-Nov-15	U021	AT	CW

CWB(CC) - Commissioning Contract

TASK filters: 3 Months_4, Not HL.

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015				2016										
						Nov		Dec		Jan		Feb								
						1	2	1	2	1	2	1	2							
Tunnel Section (EVB-related)																				
Portion IXd [CH4600 to CH4860]																				
Westbound																				
12250	IXd(WB) - E&M brackets & VE Panels brackets (include protection) (3300m2)	37d	23-Dec-15	06-Feb-16	31d															
Eastbound																				
12252	IXd(EB) - E&M brackets & VE Panels brackets (include protection) (3300m2)	37d	24-Aug-15 A	22-Dec-15	31d															
5322	IXd(EB) - Thermal Barrier installation (include protection removal) - 1 team	87d	19-Dec-15	13-Apr-16	-17d															
Portion IXa [CH4860 to CH5150]																				
Westbound																				
12254	IXa(WB) - E&M brackets & VE Panels brackets (include protection) (3288m2)	37d	08-Sep-15 A	12-Dec-15	85d															
Eastbound																				
12256	IXa(EB) - E&M brackets & VE Panels brackets (include protection) (3288m2)	37d	24-Aug-15 A	11-Dec-15	-16d															
5354	IXa(EB) - Thermal Barrier installation (include protection removal) - 1 team	97d	12-Dec-15	18-Apr-16	-16d															
East Ventilation Building (EVB)																				
Establishment Works																				
3400	Possession of Portion IXb & IXc	0d	15-Feb-16		1d															
3402	EVB - Initial Site Survey	6d	15-Feb-16	20-Feb-16	1d															
RC Structures and Green Roof																				
13088	EVB - Plinths and cast-in items at Basement 2 (start date and duration are tentative, To be confirmed at later stage)	60d	20-Nov-15*	01-Feb-16	169d															
Administration Building (ADB)																				
Establishment Works (Portion Xa)																				
3600	Possession of Portion Xa	0d	10-Dec-15		-67d															
3602	ADB - Initial Site Survey	6d	10-Dec-15	16-Dec-15	-67d															
3604	ADB - Erect Hoarding	12d	17-Dec-15	02-Jan-16	-67d															
3606	ADB - Setup site monitoring station	12d	04-Jan-16	16-Jan-16	-67d															

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

Leighton Contractors (Asia) Limited Programme Update 21 (November 2015) THREE MONTH ROLLING

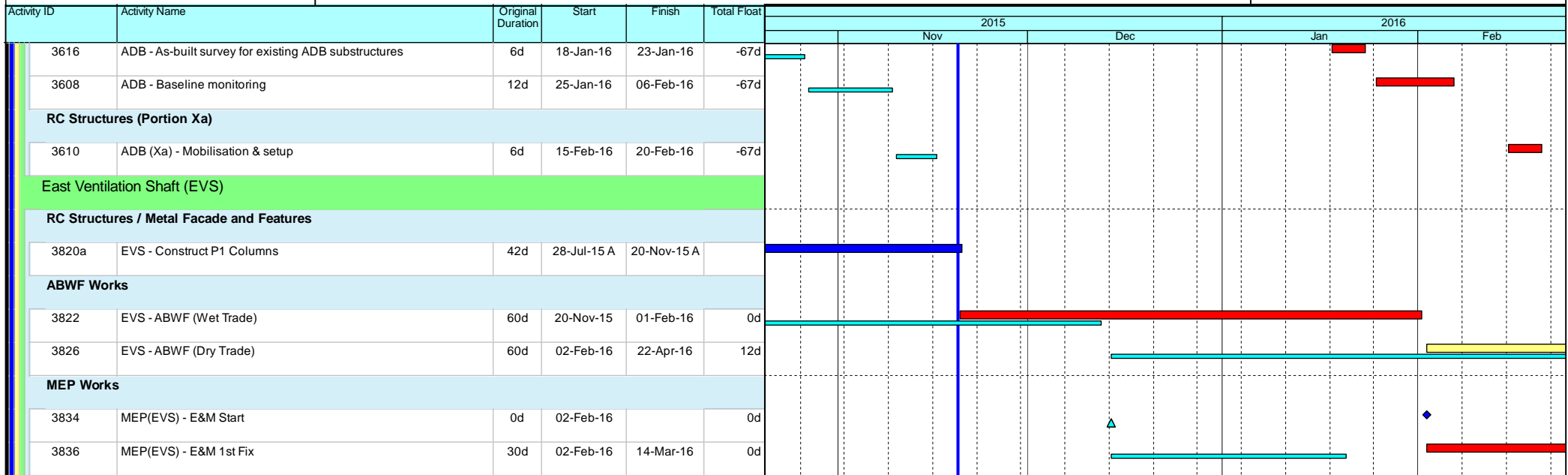
Project ID: H2613-U021
 Baseline: DWP2a
 Layout: Update Three Month Rolling U021
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Date	Revision	Checked	Appro...
20-Oct-15	U020	AT	CW
20-Nov-15	U021	AT	CW

Data Date: 20-Nov-15

CWB(CC) - Commissioning Contract

TASK filters: 3 Months_4, Not HL.



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

Leighton Contractors (Asia) Limited Programme Update 21 (November 2015) THREE MONTH ROLLING

Project ID: H2613-U021
 Baseline: DWP2a
 Layout: Update Three Month Rolling U021
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Date	Revision	Checked	Appro...
20-Oct-15	U020	AT	CW
20-Nov-15	U021	AT	CW

Activity ID	Activity Name	Original Duration	Start	Finish	2015			
					Sep	Oct	Nov	Dec
DWP-06 (A) - Three Months Rolling Programme_updated up to 20-Sep-15								
Works in TS3								
Works in TS3-East								
ELS								
TS3-East ELS Works								
TS3E_5660	ELS Layer 7 - Soft Excav + Strut installation	10	24-Aug-15 A	21-Sep-15 A	ELS Layer 7 - Soft Excav + Strut installation			
TS3E_5670	Excavation up to Formation Level (No Rock as Rock Head Level is far below F.L.)	6	03-Sep-15 A	22-Sep-15 A	Excavation up to Formation Level (No Rock as Rock Head Level is far below F.L.)			
Cut & Cover Tunnel Structure								
TS3-East CCT - Ch.4500.000 to Ch.4582.140								
TS3 East CCT - Blinding + Waterproofing								
TS3E_6515	TS3(E) Blinding - Bay 1 - 8	8	14-Sep-15 A	27-Sep-15	TS3(E) Blinding - Bay 1 - 8			
TS3E_6525	TS3(E) Waterproofing - Bay 1 - 8	12	22-Sep-15 A	01-Oct-15	TS3(E) Waterproofing - Bay 1 - 8			
TS3 East CCT - Base Slab + Drainage System								
TS3E_6570	CCT Base Slab - Bay 1 (Ch.4500.000 to Ch.4510.000)	8	23-Sep-15 A	01-Oct-15	CCT Base Slab - Bay 1 (Ch.4500.000 to Ch.4510.000)			
TS3E_6610	CCT Base Slab - Bay 5	8	30-Sep-15	07-Oct-15	CCT Base Slab - Bay 5			
TS3E_6580	CCT Base Slab - Bay 2	8	02-Oct-15	09-Oct-15	CCT Base Slab - Bay 2			
TS3E_6620	CCT Base Slab - Bay 6	8	08-Oct-15	15-Oct-15	CCT Base Slab - Bay 6			
TS3E_6590	CCT Base Slab - Bay 3	8	10-Oct-15	17-Oct-15	CCT Base Slab - Bay 3			
TS3E_6630	CCT Base Slab - Bay 7	8	16-Oct-15	23-Oct-15	CCT Base Slab - Bay 7			
TS3E_6600	CCT Base Slab - Bay 4	8	18-Oct-15	25-Oct-15	CCT Base Slab - Bay 4			
TS3E_6640	CCT Base Slab - Bay 8	8	24-Oct-15	31-Oct-15	CCT Base Slab - Bay 8			
TS3 East CCT - Walls + Removal of Struts 7 & 8								
TS3E_6650	CCT Walls - Bay 1	10	10-Oct-15	19-Oct-15	CCT Walls - Bay 1			
TS3E_6690	CCT Walls - Bay 5	10	16-Oct-15	25-Oct-15	CCT Walls - Bay 5			
TS3E_6660	CCT Walls - Bay 2	10	20-Oct-15	29-Oct-15	CCT Walls - Bay 2			
TS3E_6700	CCT Walls - Bay 6	10	26-Oct-15	04-Nov-15	CCT Walls - Bay 6			
TS3E_6670	CCT Walls - Bay 3	10	30-Oct-15	08-Nov-15	CCT Walls - Bay 3			
TS3E_6710	CCT Walls - Bay 7	10	05-Nov-15	14-Nov-15	CCT Walls - Bay 7			
TS3E_6680	CCT Walls - Bay 4	10	27-Nov-15	06-Dec-15	CCT Walls - Bay 4			
TS3E_6720	CCT Walls - Bay 8	10	27-Nov-15	06-Dec-15	CCT Walls - Bay 8			
TS3-East CCT - OHVD Cast in-Situ								
TS3E_6860	TS3(E) Cast OHVD in situ - Bay 1	10	23-Nov-15	02-Dec-15	TS3(E) Cast OHVD in situ - Bay 1			
TS3E_6870	TS3(E) Cast OHVD in situ - Bay 2	10	03-Dec-15	12-Dec-15	TS3(E) Cast OHVD in situ - Bay 2			
TS3E_6880	TS3(E) Cast OHVD in situ - Bay 3	10	09-Dec-15	18-Dec-15	TS3(E) Cast OHVD in situ - Bay 3			
TS3E_6900	TS3(E) Cast OHVD in situ - Bay 5	10	09-Dec-15	18-Dec-15	TS3(E) Cast OHVD in situ - Bay 5			
TS3E_6890	TS3(E) Cast OHVD in situ - Bay 4	10	17-Dec-15	26-Dec-15	TS3(E) Cast OHVD in situ - Bay 4			
TS3E_6910	TS3(E) Cast OHVD in situ - Bay 6	10	19-Dec-15	28-Dec-15	TS3(E) Cast OHVD in situ - Bay 6			
TS3 East CCT - Roof Slab								
TS3E_6730	CCT Roof Slab - Bay 1	10	30-Oct-15	08-Nov-15	CCT Roof Slab - Bay 1			
TS3E_6770	CCT Roof Slab - Bay 5	10	05-Nov-15	14-Nov-15	CCT Roof Slab - Bay 5			
TS3E_6740	CCT Roof Slab - Bay 2	10	09-Nov-15	18-Nov-15	CCT Roof Slab - Bay 2			
TS3E_6780	CCT Roof Slab - Bay 6	10	15-Nov-15	24-Nov-15	CCT Roof Slab - Bay 6			



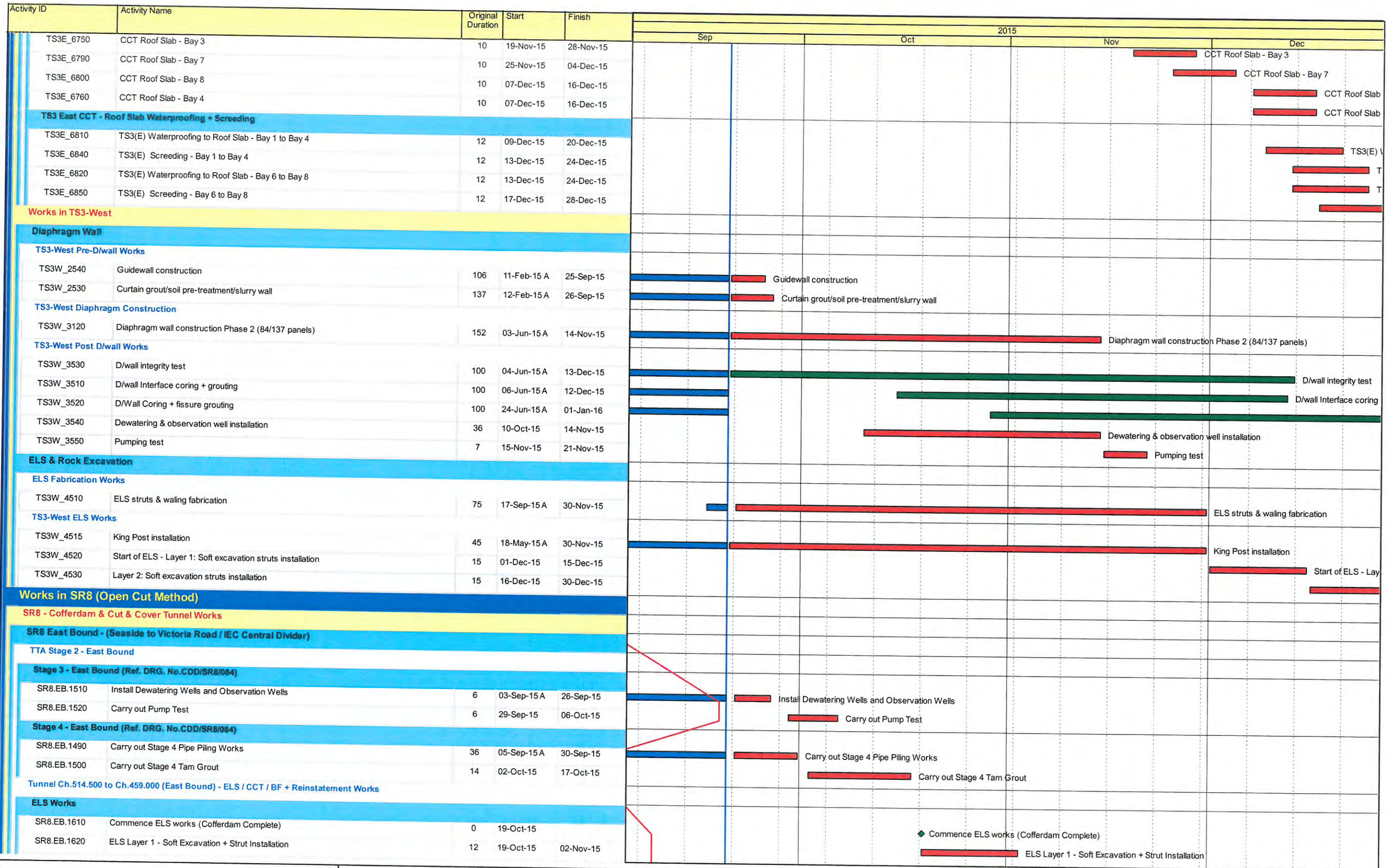
中國建築工程(香港)有限公司
CHINA STATE CONSTRUCTION ENGINEERING (HONG KONG) LTD.

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





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Contract No. HY/2010/08: Central - Wanchai Bypass Tunnel +(Slip Road 8 Section) - 3 Months Rolling Programme

Date	Revision	Checked	Approved
20-Sep-15	Updated to 20th Sep 2015	DML/WC	



中國建築工程(香港)有限公司
CHINA STATE CONSTRUCTION ENGINEERING (HONG KONG) LTD.

 Actual Work
 Remaining Work
 Critical Remaining Work
 Milestone

Page 2 of 5
Contract No. HY/2010/08: Central - Wanchai Bypass Tunnel +(Slip Road 8 Section) - 3 Months Rolling Programme

Date	Revision	Checked	Approved
20-Sep-15	Updated to 20th Sep 2015	DML/WC	

Activity ID	Activity Name	Original Duration	Start	Finish	2015			
					Sep	Oct	Nov	Dec
SR8.EB.1621	ELS Layer 2 - Soft Excavation + Strut Installation	12	03-Nov-15	16-Nov-15				ELS Layer 2 - Soft Excavation + Strut Installation
SR8.EB.1622	ELS Layer 3 - Soft Excavation + Strut Installation	12	17-Nov-15	30-Nov-15				ELS Layer 3 - Soft Excavation + Strut Installation
SR8.EB.1623	ELS Layer 4 - Soft Excavation + Strut Installation	12	01-Dec-15	14-Dec-15				ELS Layer 4 - Soft Excavation + Strut Installation
SR8.EB.1624	ELS Layer 5 - Soft Excavation + Strut Installation	12	15-Dec-15	30-Dec-15				ELS Layer 5 - Soft Excavation + Strut Installation
SR8 West Bound - Ch. 459.000 to 385.000 (Victoria Road / IEC Central Divider)								
TTA Stage 2 - West Bound								
Stage 3 - West Bound (Ref. DRG. No.CDD/SR8/087)								
SR8.WB.3060	Install Dewatering Wells & Carry out Pump Test	20	03-Sep-15 A	30-Sep-15	Install Dewatering Wells & Carry out Pump Test			
Tunnel Ch.459.000 to 385.000 (West Bound) - ELS / CCT / BF+Reinstatement Works								
West Bound - ELS								
SR8.WB.5070	Commence ELS works (Cofferdam Complete)	0	07-Oct-15		◆ Commence ELS works (Cofferdam Complete)			
SR8.WB.5080	ELS Layer 1 - Soft Excavation + Strut Installation	12	07-Oct-15	20-Oct-15	ELS Layer 1 - Soft Excavation + Strut Installation			
SR8.WB.5130	ELS Layer 2 - Soft Excavation + Strut Installation	12	22-Oct-15	04-Nov-15	ELS Layer 2 - Soft Excavation + Strut Installation			
SR8.WB.5140	ELS Layer 3 - Soft Excavation + Strut Installation	12	05-Nov-15	18-Nov-15	ELS Layer 3 - Soft Excavation + Strut Installation			
SR8.WB.5150	ELS Layer 4 - Soft Excavation + Strut Installation	12	19-Nov-15	02-Dec-15	ELS Layer 4 - Soft Excavation + Strut Installation			
SR8.WB.5160	ELS Layer 5 - Soft Excavation + Strut Installation	12	03-Dec-15	16-Dec-15	ELS Layer 5 - Soft Excavation + Strut Installation			
West Bound - CCT Structural Works								
Blinding + Waterproofing								
SR8.WB.5090	Blinding for Bay 1 to Bay 8	9	16-Dec-15	29-Dec-15				
SR8 Ch.385.000 to Ch.317.500 - (Inside Victoria Park to Tunnel Portal)								
SR8 Tunnel - ELS / CCT / BF Works (7 Bays Ch. 385.000 to Ch.317.500)								
Portal Structure								
Base Slab + Drainage								
SR8.VP.5120	Base Slab - Bay 3	8	10-Sep-15 A	22-Sep-15 A	Base Slab - Bay 3			
SR8.VP.5130	Base Slab - Bay 4	8	10-Sep-15 A	22-Oct-15 A	Base Slab - Bay 4			
SR8.VP.5140	Base Slab - Bay 5	8	05-Oct-15	13-Oct-15	Base Slab - Bay 5			
SR8.VP.5150	Base Slab - Bay 6	8	14-Oct-15	23-Oct-15	Base Slab - Bay 6			
SR8.VP.5160	Base Slab - Bay 7	8	24-Oct-15	02-Nov-15	Base Slab - Bay 7			
Wall + Removal of Strut								
SR8.VP.5170	Wall - Bay 1	10	15-Sep-15 A	21-Nov-15	Wall - Bay 1			
SR8.VP.5180	Wall - Bay 2	10	15-Sep-15 A	03-Dec-15	Wall - Bay 2			
SR8.VP.5190	Wall - Bay 3	10	04-Dec-15	15-Dec-15	Wall - Bay 3			
SR8.VP.5200	Wall - Bay 4	10	16-Dec-15	29-Dec-15	Wall - Bay 4			
Roof Slab								
SR8.VP.5240	Roof Slab - Bay 1	10	04-Dec-15	15-Dec-15	Roof Slab - Bay 1			
SR8.VP.5250	Roof Slab - Bay 2	10	16-Dec-15	29-Dec-15	Roof Slab - Bay 2			
Pump Sump E								
SR8.VP.5370	Wall Up to Portal Base Slab Bottom	10	21-Sep-15	03-Oct-15	Wall Up to Portal Base Slab Bottom			
SR8.VP.5380	Fill Up Void Up to Portal Base Slab Bottom	7	05-Oct-15	12-Oct-15	Fill Up Void Up to Portal Base Slab Bottom			
SR8.VP.5390	Wall Up to Portal Roof Bottom	10	14-Oct-15	26-Oct-15	Wall Up to Portal Roof Bottom			
SR8.VP.5400	Wall + Roof Slab	14	27-Oct-15	11-Nov-15	Wall + Roof Slab			
SR8.VP.5440	Slab for Pump Room	21	27-Oct-15	19-Nov-15	Slab for Pump Room			
SR8.VP.5410	Access Chamber above Roof	14	12-Nov-15	27-Nov-15	Access Chamber above Roof			

Activity ID	Activity Name	Original Duration	Start	Finish	2015			
					Sep	Oct	Nov	Dec
SR8.VP.5450	Slab for Elec. Room	21	12-Nov-15	05-Dec-15				Slab for Elec. Room
Backfill & Reinstatement Works Including Removal of Strutting								
SR8.VP.5050	Layer 3&2: Removal of Waling & Struts	7	03-Nov-15	10-Nov-15			Layer 3&2: Removal of Waling & Struts	
SR8 Ch 317.500 to Ch 210.000 - U-Structure & Slab (Victoria Park)								
RC CCT & Backfill Ch317.5000 to Ch240.000								
Structure								
Base Slab								
SR8_1812	SR8 U-structure Base slab (UBA8)	24	08-Sep-15 A	05-Oct-15	SR8 U-structure Base slab (UBA8)			
SR8_1813	Remove SL3 - (UBA8)	14	06-Oct-15	22-Oct-15	Remove SL3 - (UBA8)			
Wall								
SR8_1850B	SR8 U-structure Wall (UBA6-UBA7) - Stage 2	14	10-Apr-15 A	02-Oct-15	SR8 U-structure Wall (UBA6-UBA7) - Stage 2			
SR8_1815A	Remove SL1 (UBA2-UBA5)	18	21-Sep-15	13-Oct-15	Remove SL1 (UBA2-UBA5)			
SR8_1815B	SR8 U-structure Wall (UBA2-UBA5) - Stage 2	21	13-Oct-15	07-Nov-15	SR8 U-structure Wall (UBA2-UBA5) - Stage 2			
SR8_2060	SR8 U-structure Wall (UBA8) - Stage 1	7	23-Oct-15	30-Oct-15	SR8 U-structure Wall (UBA8) - Stage 1			
SR8_2100	Remove SL2, 1 (UBA8)	7	31-Oct-15	07-Nov-15	Remove SL2, 1 (UBA8)			
SR8_2110	SR8 U-structure Wall (UBA8) - Stage 2	7	09-Nov-15	16-Nov-15	SR8 U-structure Wall (UBA8) - Stage 2			
SR8_1950	Waterproofing Works to Wall	14	19-Nov-15	05-Dec-15	Waterproofing Works to Wall			
Utility Through								
SR8_2050	Utility Trough	48	16-Nov-15	14-Jan-16	Utility Trough			
Tsing Fung St - RW & Subway Extension & Toe Wall at Hing Fat St								
Ret. Wall & TF Subway Extension (Portion V)								
Retaining Wall RW8C at Tsing Fung Street (Portion V)								
VP_1770	Install Steel Railing on Top of RW8C	14	20-May-15 A	10-Oct-15	Install Steel Railing on Top of RW8C			
VP_1390	Demolish Top Portion of Existing Wall Head and Kerb	18	05-Jun-15 A	30-Oct-15	Demolish Top Portion of Existing Wall Head and Kerb			
VP_1400	Road Formation - Subbase + Kerb + U-shape Channel	48	30-Oct-15	28-Dec-15	Road Formation - Subbase + Kerb + U-shape Channel			
Retaining Wall + Toe Wall at Hing Fat Street								
Subway Extension at Tsing Fung Street (Portion VIII)								
West Side								
VP_1375.70	Remove Soffit formwork for Roof Slab	32	17-Sep-15 A	02-Oct-15	Remove Soffit formwork for Roof Slab			
East Side								
VP_1375.60	Divert Pedestrian to West Side	2	03-Oct-15	05-Oct-15	Divert Pedestrian to West Side			
VP_1375.60.10	Excavation and Demolition (East Part) of Subway	14	06-Oct-15	22-Oct-15	Excavation and Demolition (East Part) of Subway			
VP_1375.60.20	TFS Subway extension - Blinding and Waterproofing	8	23-Oct-15	31-Oct-15	TFS Subway extension - Blinding and Waterproofing			
VP_1375.60.30	TFS Subway extension - Base slab + Drainage	21	02-Nov-15	25-Nov-15	TFS Subway extension - Base slab + Drainage			
VP_1375.60.40	TFS Subway extension - Walls	18	26-Nov-15	16-Dec-15	TFS Subway extension - Walls			
VP_1375.60.50	TFS Subway extension - Roof Slab	21	17-Dec-15	13-Jan-16	TFS Subway extension - Roof Slab			
RC Works - Toe Wall (RW8E)								
VP_6152	Construct and divert Temporary Footpath	36	20-May-15 A	23-Sep-15 A	Construct and divert Temporary Footpath			
VP_6160	Sheet Piling and Excavation to Formation level	45	21-Sep-15	14-Nov-15	Sheet Piling and Excavation to Formation level			
VP_6180	Blinding layer	36	07-Dec-15	20-Jan-16	Blinding layer			
Works in Victoria Park								
Re-Provisioning Works								
VP_1560	KD5 - Completion of Section 2 of Works (BG & Pavilion)	0		11-Dec-15	KD5 - Completion of Sect			

Activity ID	Activity Name	Original Duration	Start	Finish	2015			
					Sep	Oct	Nov	Dec
Pavilion								
Materials Submission								
VP_6660	Issue P.O. / Manufacturing / Fabrication	48	20-Apr-15 A	22-Sep-15 A	Issue P.O. / Manufacturing / Fabrication			
Construction Works - BG Pavillion								
VP_1380	PV- structural works, G/F to Roof	24	04-Sep-15 A	25-Sep-15	PV- structural works, G/F to Roof			
VP_1420	PV - ABWF	36	26-Sep-15	10-Nov-15	PV - ABWF			
VP_1430	PV - E&M Works	36	06-Oct-15	17-Nov-15	PV - E&M Works			
VP_1460	PV - T&C	12	18-Nov-15	01-Dec-15	PV - T&C			
VP_1470	PV - Statutory Inspections & Certification	24	18-Nov-15	15-Dec-15	PV - Statutory Ins			
VP_1480	PV - Complete KD5 - Works in Section 2	0		15-Dec-15	◆ PV - Complete KD			
Bowling Green								
Construction Works								
VP_1740	BG - Install Conduit and Lighting System	36	18-Jun-15 A	22-Sep-15 A	BG - Install Conduit and Lighting System			
VP_1730	BG - Install Irrigation System	24	21-Sep-15 A	15-Oct-15	BG - Install Irrigation System			
VP_1745	Test & Commission - Lighting System	16	02-Oct-15	20-Oct-15	Test & Commission - Lighting System			
VP_1450	BG - Re-provisioning works - Hardscape & Furnitures (Green Turf/ Granite Tiles)	36	02-Oct-15	13-Nov-15	BG - Re-provisioning works - Hardscape & Furnitures (Green Turf/ Granite			
VP_1455	Statutory Inspection and Certification	24	14-Nov-15	11-Dec-15	Statutory Inspection and			
VP_1490	BG - Completion of KD5 - Section 2	0		11-Dec-15	◆ BG - Completion of KD5			
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	901	23-Feb-15 A	14-Dec-17				
KD12 - Section 7B: Portion VI & VII (Reprov. Bowling Green Area)								
EW_1010	Establishment Works - for Landscape Softworks and transplanted trees in Portion VI & VII	365	16-Dec-15	14-Dec-16				
Preservation and Protection of Trees								
PPT_0000	Preservation and Protection of Existing Trees	1088	21-Mar-13 A	20-Nov-16				