



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/B,
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-08/364/2009/A, FEP-09/364/2009/B AND
FEP-10/364/2009/B**

MONTHLY ENVIRONMENTAL MONITORING & AUDIT REPORT

- MARCH 2014 -

CLIENTS:

**Civil Engineering and Development
Department**

and

Highways Department

PREPARED BY:

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DATE:

11 April 2014

Ref.: AACWBIECEM00_0_5116L.14

11 April 2014

By Post and Fax (2691 2649)

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

Attention: Mr. Conrad Ng

Dear Sir,

**Re: Wan Chai Development Phase II and Central-Wan Chai Bypass
Monthly Environmental Monitoring and Audit Report (March 2014) for EP-364/2009/B,
FEP-01/364/2009, FEP-02/364/2009, FEP-05/364/2009/A, FEP-06/364/2009/A,
FEP-07/364/2009/A, FEP-08/364/2009/A, FEP-09/364/2009/B & FEP-10/364/2009/B**

Reference is made to the Environmental Team's submission of the captioned Monthly Environmental Monitoring and Audit (EM&A) Report for March 2014 received by email on 11 April 2014.

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 kind 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	Mr. Jones Lai	by fax: 2714 5289
	CEDD	Mr. Robert Tsoi	by fax: 2577 5040
	AECOM	Mr. Francis Leong / Mr. Stephen Lai	by fax: 2691 2649
	Lam	Mr. Raymond Dai	by fax: 2882 3331

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EXECUTIVE SUMMARY

- i. This is the Environmental Monitoring and Audit (EM&A) Monthly Report – **March 2014** specific for Environmental Permit no. EP-364/2009/B, 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-08/364/2009/A and FEP-09/364/2009/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 **March 2014**. 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

- Excavation of trial pit
- Transplanting of trees
- Drainage works
- Tunnel works including scaffolding erection, excavation, OHVD installation, roadside barriers, top and base slab construction
- Trough structure construction and associated drilling and grouting
- 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 tunnel excavation work to -5.5 mPD including ELS works for 2nd layer
- Bay 5 and Bay 6 blinding layers
- Ground treatment works and guide wall construction at the promenade deck area demolition of the existing pump house.
- Installation of pre-bored H-piles
- Construction of D wall at C1/C2 interface and CSD for pipe pile wall P2
- Plant demobilization
- Removal of silos
- Road diversion works for the construction of temporary road at Expo Drive East
- UU diversion at both south and north junction.

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

- Casting of OHVD and upper side wall at Westbound are as follows:
- Casting for roof slab at Bay 1 , Bay 3, Bay 4 and Bay 7
- Rebar fixing at Bay 6.

- Scaffolding removal of Bay 2
- Concreting of D-wall Panel at Tunnel Portion 2
- Casting of bored pile nos. PC 28, PC 30, PC 32 and PN29
- Installation of Bored Pile Nos. PN28.
- Ground treatment for D-wall construction at Panel Nos. P97 – C105
- Guide wall and ground treatment for D-wall construction at Panel Nos. C130A – P131
- Concreting of 2 nos. D-wall Panels for Tunnel Portion 6

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

- Tunnel construction at TS2, TS4 & TPCWAE
- Dismantling of struts at TS4 & TPCWAE
- Mined Tunnel drill-and-break works and installation of steel ribs at East and West Portal.
- Mined tunnel lining construction

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

- Road works at Watson Road
- Bored piling (Land)
- Removal of strut at ELS
- Construction of Pile cap, column and cross-head (Land)
- Removal of marine platform
- Construction of Dolphin Cap
- ELS, EVB and Cut & Cover Tunnel
- Installation of dewatering well
- Laying of 1500 pipe
- Launching of segments
- Extraction of temporary pile from marine section
- Construction of bridge TA1
- Pre-bored H-pile for Admin. Building commenced

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

- Installation of protection layer for precast unit

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

- Site preparation works
- Site survey

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

- Tree & root pruning works
- Tree & root pruning works
- Tree transplanting works,
- Tree works within off-site nursery compound,
- Drainage improvement works,
- Sheet piling works,
- Demarcation of graphics,
- Erection of noise absorption sheetings,
- Installation of site hoardings,
- Pipe pile & pre-boring works,
- Re-provisional of turtle pond – peddle path,
- Loop detector installation works &
- UMP installation works.

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 Finance Centre Eastern and Western End of Podium, and M8 - City Hall on a weekly basis.
- iv. No action and 2 limit level exceedances at M6 – HK Baptist Church Henrietta Secondary School were recorded on 5 and 11 March 2014 in this reporting month. The exceedances were 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 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 limit level 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.

Air Monitoring

- xvi. [Due to electricity interruption, the 24hr TSP monitoring at station MA1w was rescheduled from 11 March 2014 to 13 March 2014 and from 17 March 2014 to 18 March 2014 and 1hr TSP monitoring at station MA1w was rescheduled from 12 March 2014 to 13 March 2014.](#)
- xvii. Due to extension of site boundary by contractor of HY/2009/19, location of air monitoring station CMA1b – Oil Street Community Liaison Centre has been finely adjusted on 21 April 2012.
- xviii. The location ID of air monitoring station CMA1b was updated as Oil Street Site Office in April 2013.
- xix. 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; CMA5a - Children Garden opposite to Pedestrian Plaza; MA1e and MA1w – International Finance Centre eastern and western podium on every six days basis.

Complaints, Notifications of Summons and Successful Prosecutions

- xx. [One environmental complaints under FEP-05/364/2009 was received in the reporting period.](#)
- xxi. [A public complaint regarding construction noise impact referred by EPD was received by ET on 11 March 2014 \(ICC Case Ref.:1-494077682 dated 22 January 2014\) under FEP-06/364/2009/B. The complainant reported that 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.](#)

- xxii. ET confirmed with the Resident Site Staff that the major construction activities at the concerned location conducted on 27 Feb 2014 (Daytime) include backfilling works between north wall and sheet piles and for roof slab, Site hoarding removal; Formwork erection and removal works, false work 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. Mitigation measures implemented by the Contractor for the above construction works include the use of quiet plants (air compressor with a Noise Emission Label of 99 dB(A)).
- xxiii. 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. 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.
- xxiv. 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. 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.
- xxv. 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.

Site Inspections and Audit

- xxvi. 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 HK/2010/06 in this reporting period. Construction of bored pile E3B under HY/2009/17 was confirmed completed and the respective work area under FEP was inspected under HY/2009/19 from 19 Dec 2012 onwards. The Contractors rectified major observations and recommendations made during the audit sessions. No non-conformance was identified during the site inspections.

Future Key Issues

- xxvii. 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

- Excavation of trial pit
- Drainage works
- Tunnel works including scaffolding erection, excavation, OHVD installation, roadside barriers, top and base slab construction, extract sheet pile, waterproofing and backfill
- Trough structure construction and associated drilling and grouting
- 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

- The remaining temporary utilities diversion at existing footpath and road junction, including changeover, pressure test and connection
- Demolition of the existing Expo Drive East Bridge at southern bound would be carried out installation of box
- Culvert piles after the temporary road opening.
- Installation of pre-bored H-piles would be continued.
- Plant mobilization
- Stage 1 tunnel excavation work further down to -10 mPD
- Bay 6 blinding layer
- Stage 1 tunnel structure works
- Stage 2 construction of Diaphragm wall at Water Channel south side

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

- Complete all tunnel structure.
- Crack rectification for tunnel top slab.
- Strut S3 removal
- Load transfer for king posts & waterproofing layer installation for tunnel roof slab.
- Ground treatment and guide wall for D-Wall construction.
- Bored pile construction at Tunnel Portion 3 & 4.
- Mobilization for D-Wall construction at Tunnel Portion 3 & 4 and complete the preparation works for all critical 10 nos. D-wall Panel Nos. C130A – P131, P144 – P146 and P97 – P99. Complete 30% of the mentioned critical D-Wall.
- Existing 450mm stormwater drain diversion from Gate No.2 Box Culvert N1.

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

- Tunnel construction at TS2, TS4 & TPCWAE
- Dismantling of struts at TS4 & TPCWAE
- Mined Tunnel drill-and-break works and installation of steel ribs at East and West Portal.
- Mined tunnel lining construction

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

- Road works at Watson Road
- Bored piling (Land)
- Removal of strut at ELS
- Construction of Pile cap, column and cross-head (Land)
- Removal of marine platform
- Construction of Dolphin Cap
- ELS, EVB and Cut & Cover Tunnel
- Laying of 1500 ϕ pipe
- Launching of segments
- Extraction of temporary pile from marine section
- Construction of bridge TA1
- Pre-bored H-pile for Admin. Building
- U-beam installation will commence
- Parapet will commence
- Wing slab extension for segment will commence

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

- Repair and installation of slotted panels
- Installation of protection layer for precast unit
- Infilling for precast unit

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

- Site preparation works
- Site survey



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

- Tree & root pruning works
- Tree transplanting works,
- Tree works within off-site nursery compound,
- Drainage improvement works,
- Sheet piling works,
- Demarcation of graphics,
- Erection of noise absorption sheetings,
- Installation of site hoardings,
- Pipe pile & pre-boring works,
- Re-provisional of turtle pond,
- Loop detector installation works,
- UMP installation works &
- Dredging works.

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/B 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/A, FEP-08/364/2009/A and FEP-09/364/2009/B 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-014/2001).

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/B, 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/A, FEP-08/364/2009/A and FEP-09/364/2009B during the period [February 2014 to March 2014](#). 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** ***Site Inspection*** – 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
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
HK/2012/08	Wan Chai Development Phase II- Central-Wan Chai Bypass at Wan Chai West	DP1,DP2, DP3	DP works under EP-364 to be commenced tentatively in early 2014.
HY/2010/08	Central- Wanchai Bypass Tunnel – Tunnel (Slip Road 8)	DP1, DP2, DP3	21 March 2013

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
Lam Woo & CO., LTD.	Contractor under Contract no. HY/2009/17	General Manager	Mr. Thomas Tang	6111 5351	2566 7522
		Contractor's Representative	Mr. Chung Man Shek	2566 4866	
		Site Agent	Mr. Tong Au	9725 5874	
		Environmental Officer	Dr. Priscilla Choy	9161 7287	
		Environmental Supervisor	Mr. Tam Chun Pong	6461 3062	



Party	Role	Post	Name	Contact No.	Contact Fax
Chun Wo – Leader Joint Venture	Contractor under Contract no. HK/2009/01	Site Agent	Mr. Simon Liu	2162 9909	2634 1626
		Construction Manager	Mr. Terry Wong	9757 9846	
		Deputy Site Agent	Mr. Andy Yu	9648 4896	
		Construction Manager	Mr. Wyman Wong	9627 2467	
		Construction Manager	Mr. Jack Chu	9775 2467	
		Environmental Officer (Compliance Manager)	Mr. Frank So	9103 2370	
		Environmental Supervisor	Mr. Stanley Chan	9047 6148	
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. Alfred Leung	3658-3022	
		Quality & Environmental Manager (Environmental Officer)	Mr. C.P. Ho	3658-3000	
Chun Wo - CRGL - MBEC_Joint Venture	Contractor under Contract no. HY/2009/19	Project Manager	Mr. David Lau	3758 8879	2570 8013
		Site Agent	Mr. Paul Yu	9456 9819	
		Environmental Manager / Environmental Officer	Mr. M.H. Isa	9884 0810	
		Environmental Engineer	Mr. Calvin Leung	9286 9208	
		Construction Manager (Marine)	Mr. William Luk	9610 1101	
		Construction Manager (Land)	Mr. Patrick Cheung	9643 3012	
		Construction Manager (Land)	Mr. Eric Fong	6191 9337	
		Operation Manager (Land)	Mr. Yung Kwok Wah	9834 1010	
Leighton Contractors (Asia) Limited	Contractor under Contract no. HY/2009/18	Site Agent	Mr. Desmond Sze	2214 7700	2140 6799
		Deputy Site Agent	Mr. Roger Wong	2214 7703	
		Environmental Officer	Ms. Lighting Chan	2823 1161	

Party	Role	Post	Name	Contact No.	Contact Fax
		Environmental Engineer	Mr. Donald Ip	2214 7721	
		Assistant Environmental Engineer	Mr. Penny Yiu	2214 7738	
		Environmental Supervisor	Mr. K. P. Lai	6461 4660	
		Environmental Supervisor	Mr. Ray Cheng	2214 7742	
		Environmental Supervisor	Mr. K. W. Lee	6461 4623	
		Environmental Supervisor	Mr. Dorothy Shing	2214 7705	
		Environmental Supervisor	Mr. C. Y. Au Yeung	6461 8631	
China State Construction Engineering (HK) Ltd.	Contractor under Contract no. HY/2009/15	Project Director	Mr. K C Cheung	2823 7813	2865 5229
		Site Manager	Mr. J.H. Chen	3557 6368	2566 2192
		Contractor's Representative	Mr. Gene Cheung	3557 6395	
		Head of construction	Mr. Roger Cheung	3557 6371	
		Environmental Officer	Mr. Andy Mak	3557 6215	
		Environmental Supervisor	Ms. Esther Choi	35576348	
Gammon - Leader JV	Contractor under Contract no. HK/2010/06	Project Manager	Mr. Paul Lui	9095 7922	2529 2880
		Site Agent	Mr. Eric Yip	2529 2068	
		Environmental Officer	Mr. Clement Pang	9481 6024	
		Environmental Supervisor	Mr. Jacky Cheung	9735 9200	
China State-Leader JV	Contractor under Contract no. HK/2012/08	Project Director	Mr. Andrew TSE	9137 1811	2877 1522
		Project Manager	Mr. Victor WU	9193 8871	
		Deputy Project Manager	Mr. George CHEUNG	9268 1918	
		Site Agent	Mr. Paul LUI	9095 7922	
		Environmental Officer	Mr. James MA	9130 9549	
		Environmental Supervisor	Mr. Ching Man, CHAN	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	

Party	Role	Post	Name	Contact No.	Contact Fax
		Site Agent	Dr. Dave Chan	3467 4277	
		Environmental Officer	Mr. C.M. Wong	3557 6464	
		Environmental Supervisor	Mr. Louis Lam Tsz Kwan	3557 6470	
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

- Excavation of trial pit
- Transplanting of trees
- Drainage works
- Tunnel works including scaffolding erection, excavation, OHVD installation, roadside barriers, top and base slab construction
- Trough structure construction and associated drilling and grouting
- 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 tunnel excavation work to -5.5 mPD including ELS works for 2nd layer
- Bay 5 and Bay 6 blinding layers
- Ground treatment works and guide wall construction at the promenade deck area demolition of the existing pump house.
- Installation of pre-bored H-piles
- Construction of D wall at C1/C2 interface and CSD for pipe pile wall P2
- Plant demobilization
- Removal of silos
- Road diversion works for the construction of temporary road at Expo Drive East
- UU diversion at both south and north junction.

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

- Casting of OHVD and upper side wall at Westbound are as follows:
- Casting for roof slab at Bay 1 , Bay 3, Bay 4 and Bay 7
- Rebar fixing at Bay 6.
- Scaffolding removal of Bay 2
- Concreting of D-wall Panel at Tunnel Portion 2
- Casting of bored pile nos. PC 28, PC 30, PC 32 and PN29
- Installation of Bored Pile Nos. PN28.
- Ground treatment for D-wall construction at Panel Nos. P97 – C105
- Guide wall and ground treatment for D-wall construction at Panel Nos. C130A – P131
- Concreting of 2 nos. D-wall Panels for Tunnel Portion 6

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

- Tunnel construction at TS2, TS4 & TPCWAE
- Dismantling of struts at TS4 & TPCWAE
- Mined Tunnel drill-and-break works and installation of steel ribs at East and West Portal.
- Mined tunnel lining construction

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

- Road works at Watson Road
- Bored piling (Land)
- Removal of strut at ELS
- Construction of Pile cap, column and cross-head (Land)
- Removal of marine platform
- Construction of Dolphin Cap
- ELS, EVB and Cut & Cover Tunnel
- Installation of dewatering well
- Laying of 1500 pipe
- Launching of segments
- Extraction of temporary pile from marine section
- Construction of bridge TA1
- Pre-bored H-pile for Admin. Building commenced

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

- Installation of protection layer for precast unit

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

- Site preparation works
- Site survey

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

- Tree & root pruning works
- Tree transplanting works,
- Tree works within off-site nursery compound,
- Drainage improvement works,
- Sheet piling works,
- Demarcation of graphics,
- Erection of noise absorption sheetings,
- Installation of site hoardings,
- Pipe pile & pre-boring works,
- Re-provisional of turtle pond – peddle path,
- Loop detector installation works &
- UMP installation works.

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

- Excavation of trial pit
- Drainage works
- Tunnel works including scaffolding erection, excavation, OHVD installation, roadside barriers, top and base slab construction, extract sheet pile, waterproofing and backfill
- Trough structure construction and associated drilling and grouting
- 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

- The remaining temporary utilities diversion at existing footpath and road junction, including changeover, pressure test and connection
- Demolition of the existing Expo Drive East Bridge at southern bound would be carried out installation of box
- Culvert piles after the temporary road opening.
- Installation of pre-bored H-piles would be continued.
- Plant mobilization
- Stage 1 tunnel excavation work further down to -10 mPD
- Bay 6 blinding layer
- Stage 1 tunnel structure works
- Stage 2 construction of Diaphragm wall at Water Channel south side

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

- Complete all tunnel structure.
- Crack rectification for tunnel top slab.
- Strut S3 removal
- Load transfer for king posts & waterproofing layer installation for tunnel roof slab.
- Ground treatment and guide wall for D-Wall construction.
- Bored pile construction at Tunnel Portion 3 & 4.
- Mobilization for D-Wall construction at Tunnel Portion 3 & 4 and complete the preparation works for all critical 10 nos. D-wall Panel Nos. C130A – P131, P144 – P146 and P97 – P99. Complete 30% of the mentioned critical D-Wall.
- Existing 450mm stormwater drain diversion from Gate No.2 Box Culvert N1.

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

- Tunnel construction at TS2, TS4 & TPCWAE
- Dismantling of struts at TS4 & TPCWAE
- Mined Tunnel drill-and-break works and installation of steel ribs at East and West Portal.
- Mined tunnel lining construction

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

- Road works at Watson Road
- Bored piling (Land)
- Removal of strut at ELS
- Construction of Pile cap, column and cross-head (Land)
- Removal of marine platform
- Construction of Dolphin Cap
- ELS, EVB and Cut & Cover Tunnel
- Laying of 1500 ϕ pipe
- Launching of segments
- Extraction of temporary pile from marine section
- Construction of bridge TA1
- Pre-bored H-pile for Admin. Building
- U-beam installation will commence
- Parapet will commence
- Wing slab extension for segment will commence

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

- Repair and installation of slotted panels
- Installation of protection layer for precast unit
- Infilling for precast unit

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

- Site preparation works
- Site survey



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

- Tree & root pruning works
- Tree transplanting works,
- Tree works within off-site nursery compound,
- Drainage improvement works,
- Sheet piling works,
- Demarcation of graphics,
- Erection of noise absorption sheetings,
- Installation of site hoardings,
- Pipe pile & pre-boring works,
- Re-provisional of turtle pond,
- Loop detector installation works,
- UMP installation works &
- Dredging works.

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	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	Valid
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	Valid
Further Environmental Permit	FEP-08/364/2009/A	15 June 2012	Valid
Further Environmental Permit	FEP-09/364/2009/B	5 March 2013	Valid
Further Environmental Permit	FEP-10/364/2009/B	26 July 2013	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 was surrendered by the Contractor on 25 April 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 was surrendered by the Contractor on 11 February 2011.

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

3.1.5. 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 3.4** and **Table 3.5**

Table 3.4 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-RS1063-13	24 Sep 2013	26 Sep 2013 to 23 Mar 2014	Expired
	GW-RE1034-13	27 Sep 2013	30 Sep 2013 to 29 Mar 2014	Valid
	GW-RS1094-13	7 Oct 2013	08 Oct 2013 to 07 Apr 2014	Valid
	GW-RS1114-13	11 Oct 2013	13 Oct 2013 to 12 Apr 2014	Valid
	GW-RS1153-13	21 Oct 2013	23 Oct 2013 to 20 Apr 2014	Cancelled
	GW-RS1083-13	27 Sep 2013	29 Sep 2013 to 26 Mar 2014	Cancelled
	GW-RS1091-13	7 Oct 2013	08 Oct 2013 to 07 Apr 2014	Valid
	GW-RS1211-13	4 Nov 2013	09 Nov 2013 to 08 May 2014	Valid
	GW-RS1246-13	8 Nov 2013	10 Nov 2013 to 07 May 2014	Valid
	GW-RS1265-13	14 Nov 2013	16 Nov 2013 to 12 May 2014	Valid
	GW-RS-1270-13	13 Nov 2013	14 Nov 2013 to 13 May 2014	Valid
	GW-RS1324-13	19 Nov 2013	22 Nov 2013 to 18 May 2014	Valid
GW-RS1374-13	2 Dec 2013	3 Dec 2013 to 2 Jun 2014	Valid	

Permits and/or Licences	Reference No.	Issued Date	Valid Period/ Expiry Date	Status
	GW-RS1433-13	20 Dec 2013	21 Dec 2013 to 20 Jun 2014	Valid
	GW-RS1450-13	20 Dec 2013	22 Dec 2013 to 19 Jun 2014	Valid
	GW-RS0111-14	11 Feb 2014	15 Feb 2014 to 14 August 2014	Valid
	GW-RS0200-14	18 Mar 2014	21 Mar 2014 to 15 Sept 2014	Valid
Discharge Licence	WT00009641- 2011	24 Jul 2011	31 Jul 2016	Valid
	WT00006220- 2010	18 Mar 2010	31 Mar 2015	Valid
	WT00018110- 2014	6 Jan 2014	31 Mar 2015	Valid
Billing account under Waste Disposal Ordinance	7010069	21 Jan 2010	N/A	Valid
Registration as a Chemical Waste Producer	WPN5213-134- C3585-01	21 Jan 2010	N/A	Valid

Table 3.5 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.1)	31 Oct 2013

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

3.1.6. 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 3.6** and **Table 3.7**.

Table 3.6 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-piling equipment	GW-RS1078-13	30 Sep 2013	18 Oct 2013 to 17 Apr 2014	Valid
	GW-RS1119-13	11 Oct 2013	16 Oct 2013 to 15 Apr 2014	Valid
	GW-RS1128-13	8 Oct 2013	11 Oct 2013 to 6 Apr 2014	Valid
	GW-RS0945-13	29 Aug 2013	11 Sep 2013 to 10 Mar 2014	Expired
	GW-RS0993-13	6 Sep 2013	20 Sep 2013 to 19 Mar 2014	Expired
	GW-RS1027-13	10 Sep 2013	15 Sep 2013 to 09 Mar 2014	Expired
	GW-RS1002-13	12 Sep 2013	25 Sep 2013 to 24 Mar 2014	Expired
	GW-RS1197-13	4 Nov 2013	10 Nov 2014 to 9 May 2014	Valid
	GW-RS1254-13	12 Nov 2013	17 Nov 2013 to 16 May 2014	Valid
	GW-RS1256-13	12 Nov 2013	22 Nov 2013 to 21 May 2014	Valid
	GW-RS1240-13	7 Nov 2013	28 Nov 2013 to 27 May 2014	Valid
	GW-RE1199-13	6 Nov 2013	30 Nov 2013 to 29 May 2014	Valid
GW-RS1258-13	12 Nov 2013	17 Nov 2013 to 06 May 2014	Valid	



Permits and/or Licences	Reference No.	Issued Date	Valid Period/ Expiry Date	Status
	GW-RS1261-13	12 Nov 2013	13 Nov 2013 to 06 May 2014	Valid
	GW-RS1325-13	27 Nov 2013	30 Nov 2013 to 29 May 2014	Valid
	GW-RS1337-13	27 Nov 2013	29 Nov 2013 to 26 May 2014	Valid
	GW-RS1466-13	24 Dec 2013	17 Jan 2014 to 16 July 2014	Valid
	GW-RS1458-13	24 Dec 2013	2 Jan 2014 to 1 July 2014	Valid
	GW-RS0067-14	29 Jan 2014	15 Feb 2014 to 14 Aug 2014	Valid
	GW-RS0112-14	13 Feb 2014	16 Feb 2014 to 13 Aug 2014	Valid
	GW-RS0161-14	7 Mar 2014	11 Mar 2014 to 10 Sep 2014	Valid
	GW-RS0162-14	7 Mar 2014	20 Mar 2014 to 19 Sep 2014	Valid
	GW-RS0233-14	21 Mar 2014	25 Mar 2014 to 24 Sep 2014	Valid
	GW-RS0269-14	28 Mar 2014	7 Apr 2014 to 6 Oct 2014	Valid
Discharge Licences	WT00006249- 2010	22 Mar 2010	31 Mar 2015	Valid
	WT00006436- 2010	15 Apr 2010	30 Apr 2015	Valid
	WT00006673- 2010	14 May 2010	31 Mar 2015	Cancelled
	WT00006757- 2010	28 May 2010	31 May 2015	Valid
	WT00007129- 2010	28 July 2010	31 Jul 2015	Valid
	WT00008982- 2011	26 April 2011	30 April 2016	Valid
	WT00009691- 2011	1 Aug 2011	31 July 2016	Valid
Billing Account under Waste Disposal Ordinance (Land)	7010255	10 Feb 2010	N/A	Valid

Permits and/or Licences	Reference No.	Issued Date	Valid Period/ Expiry Date	Status
Registration as Chemical Waste Producer (Wan Chai)	WPN5213-135-C3593-01	10 Mar 2010	N/A	Valid
Registration as Chemical Waste Producer (TKO 137)	WPN5213-839-C3593-02	22 Sep 2010	N/A	Valid

Table 3.7 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 A)	13 Jan 2012

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

3.1.7. 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 3.8 and Table 3.9.

Table 3.8 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-RS1145-13	15 Oct 2013	04 Nov 2013 – 02 May 2014	Valid
	GW-RS1302-13	15 Nov 2013	18 Nov 2013 – 14 May 2014	Valid
	GW-RS1285-13	12 Nov 2013	14 Nov 2013– 07 May 2014	Valid
	GW-RS0219-14	18 Mar 2014	19 Mar 2014 - 16 Aug 2014	Valid

Permit / Licence / Notification / Approval	Reference No.	Issued Date	Valid Period/ Expiry Date	Status
	GW-RS1118-13	04 Oct 2013	22 Oct 2013 to 21 Apr 2014	Cancelled
	GW-RS0053-14	21 Jan 2014	03 Feb 2014 to 01 Aug 2014	Cancelled
Discharge Licence	WT00012998-2012	25 May 2012	31 Jan 2016	Valid
	WT00013967-2012	17 Sep 2012	30 Sep 2017	Valid
	WT00014966-2013	08 Jan 2013	31 Jan 2018	Valid
Registration as a 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 3.9 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. 5)	12 March 2012

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

3.1.8. 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 3.10** and **Table 3.11**

Table 3.10 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-04/356/2009	22 Nov 2010	N/A	Valid
	FEP-06/364/2009/A	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-RS1243-13	7 Nov 2013	09 Nov 2013 to 03 May 2014	Valid
	GW-RS0882-13	12 Aug 2013	14 Aug 2013 to 13 Feb 2014	Cancelled

Permits and/or Licences	Reference No.	Issued Date	Valid Period/ Expiry Date	Status
	GW-RS0106-14	14 Feb 2014	16 Feb 2014 to 9 Aug 2014	Valid
	GW-RS1105-13	8 Oct 2013	10 Oct 2013 to 6 Apr 2014	Valid
	GW-RS1384-13	3 Dec 2013	4 Dec 2013 to 27 May 2014	Valid
	GW-RS1437-13	17 Dec 2013	31 Dec 2013 to 30 Jun 2014	Valid
	GW-RS1491-13	27 Dec 2013	2 Jan 2014 to 30 Jun 2014	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 (Dumping by Vessel)	7011761	25 Sep 2013	17 Oct 2013 to 16 Jan 2014	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)	WT00012941-2012	10 May 2012	10 May 2012 to 31 May 2014	Valid
Water Discharge License (Discharge at TS2)	WT00014974-2013	10 Jan 2013	10 Jan 2013 to 31 Jan 2015	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	Valid

Table 3.11 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

EP Condition	Submission	Date of Submission
Condition 2.9	Noise Management Plan	6 May 2011
Condition 2.10	Landscape Plan	19 Oct 2011

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

3.1.9. The current status on licences and/or permits on environmental protection pertinent and submission under FEP-07/364/2009/A for contract no. HY/2009/19 are shown in **Table 3.12** and **Table 3.13**

Table 3.12 Cumulative Summary of Valid Licences and Permits under Contract no. HY/2009/19

Permits and/or Licences	Reference No.	Issued Date	Valid Period/ Expiry Date	Status
Further Environmental Permit	FEP-07/364/2009/A	25 Feb 2011	N/A	Valid
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 Permit (CNP)	GW-RS1473-13	29 Dec 2013	29 Dec 2013 to 23 Jun 2014	Cancelled
	GW-RS1176-13	25 Oct 2013	25 Oct 2013 to 22 Apr 2014	Cancelled
	GW-RS0072-14	04 Feb 2014	06-Feb-14 to 02-Aug-14	Cancelled
	GW-RS0073-14	04 Feb 2014	06-Feb-14 to 02-Aug-14	Valid
	GW-RS1009-13	06 Sept 2013	09 Sep 0213 to 08 Mar 2014	Cancelled
	GW-RS1099-13	08 Oct 0213	21 Oct 2013 to 20 Apr 2014	Valid

Permits and/or Licences	Reference No.	Issued Date	Valid Period/ Expiry Date	Status
	GW-RS1179-13	25 Oct 2013	22 Oct 2013 to 22 Apr 2014	Cancelled
	GW-RS1474-13	27 Dec 2013	29 Dec 2013 to 23 Jun 2014	Valid
Dumping Permit (Tunnel) (Type 1 – Open Sea Disposal)	EP/MD/14-128	30 Jan 2014	30 Jan 2014 to 30 Jun 2014	Valid
Dumping Permit (Tunnel) (Type 1 – Open Sea Disposal (Dedicate Sites) & Type 2 – Confined Marine Disposal)	EP/MD/14-150	20 Feb 2014	20 Feb 2014 to 19 Mar 2014	Expired
Dumping Permit (Tunnel) (Type 1 – Open Sea Disposal)	EP/MD/14-104	10 Dec 2013	10 Dec 2014 to 09 Jun 2014	Valid
Dumping Permit (Tunnel) (Type 1 – Open Sea Disposal (Dedicate Sites) & Type 2 – Confined Marine Disposal)	EP/MD/14-127	20 Feb 2014	20 Feb 2014 to 19 Mar 2014	Expired
Water Discharge Licence	WT00010093-2011	31-Aug-11	30-Sep-16	Cancelled
	WT00010093-2011	17-Aug-12	30-Sep-16	Valid
	WT00010865-2011	3-Nov-11	30-Nov-16	Valid

Table 3.13 Summary of submission status under FEP-07/364/2009/A

EP Condition	Submission	Date of Submission
Condition 2.13	Landscape Plan (Rev.2)	29 July 2012
Condition 2.9	Noise Management Plan (Rev.3)	15 March 2013

Contract no. HK/2010/06 - Wan Chai Development Phase II – Central –Wanchai Bypass over MTR Tsuen Wan Line

3.1.10. The current status on licences and/or permits on environmental protection pertinent and submission under FEP-08/364/2009/A for contract no. HK/2010/06 showed in **Table 3.14** and **Table 3.15**.

Table 3.14 Cumulative Summary of Valid Licences and Permits under Contract no. HK/2010/06

Permits and/or Licences	Reference No.	Issued Date	Valid Period/ Expiry Date	Status
Further Environmental Permit	FEP-08/364/2009/A	15 June 2012	N/A	Valid
Notification of Works Under APCO	326344	18 Jan 2011	N/A	Valid
Construction Noise Permit (CNP) for non-pilling works	GW-RS1435-13	19 Dec 2013	23 Dec 2013 – 30 Mar 2014	Valid

Table 3.15 Summary of submission status under FEP-08/364/2009

EP Condition	Submission	Date of Submission
Condition 2.9	Noise Management Plan	26 Nov 2012

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-09/264/2009/B for contract no. HK/2012/08 showed in **Table 3.16** and **Table 3.17**

Table 3.16 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
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

Table 3.17 Summary of submission status under FEP-09/364/2009

EP Condition	Submission	Date of Submission
Condition 2.9	Noise Management Plan (Rev.2)	9 July 2013
Condition 2.14	Landscape Plan (Rev.1)	30 May 2013

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-09/264/2009/B for contract no. HK/2012/08 showed in **Table 3.18 and Table 3.19**

Table 3.18 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	2013-07-26	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	Valid
Construction Noise Permit (CNP) for non-pilling works	GW-RS1363-13	2013-12-02	2013-12-10 to 2014-06-09	Valid
	GW-RS1376-13	2013-12-03	2013-12-09 to 2014-06-02	Cancelled
	GW-RS0971-13	2013-09-04	2013-09-04 to 2014-03-03	Cancelled
	GW-RS1017-13	2013-09-10	2013-09-15 to 2014-03-09	Cancelled
	GW-RS1089-13	2013-09-30	2013-10-02 to 2014-04-01	Cancelled
	GW-RS0094-14	2014-02.-11	16 Feb 2014 to 16 Jul 2014	Cancelled
	GW-RS0186-14	2014-03-11	11 Mar 2014 to 06 Sep 2014	Valid

Permits and/or Licences	Reference No.	Issued Date	Valid Period/ Expiry Date	Status
	GW-RS0194-14	2014-03-14	18 Mar 2014 to 13 Sep 2014	Valid
	GW-RS0201-14	2014-03-18	24 Mar 2014 to 18 Sep 2014	Valid
Construction Noise Permit (CNP) for pilling works	PP-RS0032-13	2013-12.-20	2 Jan 2014 to 30 Jun 2014	Valid

Table 3.19 Summary of submission status under FEP-10/364/2009

EP Condition	Submission	Date of Submission
Condition 2.9	Noise Management Plan (Rev.3)	03 January 2014
Condition 2.14	Landscape Plan (Rev.1)	20 August 2013

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 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. Review of feasibility on the real time noise monitoring stations was conducted in July with IEC. Station, RTN1a, Tung Lo Wan fireboat Station was found not appropriate to be a monitoring station for monitoring the IECL Piling works and Demolition after visited.
- 4.1.3. 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

- 4.1.4. 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.
- 4.1.5. 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.
- 4.1.6. 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 daily 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.
- 4.1.7. 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

- 4.1.8. 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.
- 4.1.9. 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.
- 4.1.10. 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.

Air Monitoring

AIR QUALITY MONITORING STATIONS

4.2.1. The air 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 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
CMA5a	Children Garden opposite to 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.

AIR 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/2010/06 - Wan Chai Development Phase II – Central - Wan Chai Bypass over MTR Tsuen Wan Line
- Contract no. HK/2012/08 – Wan Chai Development Phase II – Central – Wan Chai Bypass at Wan Chai West

5.0.3. The environment monitoring schedules for reporting month and coming month are presented in **Appendix 5.1**.

5.1 Noise Monitoring Results

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

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

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

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

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

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

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

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

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

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

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

Station	Description
M1a	Harbour Road Sports Centre

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

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

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

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

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

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

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

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

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

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

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

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

5.1.12 Two limit level exceedances were recorded on 5 and 11 March 2014 at M6 – HK Baptist Church Henrietta Secondary School in the reporting month.

5.1.13 Major traffic noise observed during monitoring on 5 and 11 March 2014 and it was considered as the major noise contribution. As such, the limit level exceedances were concluded as non-project related.

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

Contract no. HY/2010/08 – Central-Wanchai Bypass –Wanchai Bypass Tunnel (Slip 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**.

5.2 Real Time Noise Monitoring Results

5.2.1. As confirmed by CWB RSS, the IECL parapet removal operations and associated construction work will commence 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 will adopt 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 grant 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/A

- 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 night time period are for information only.*

**Real-time noise monitoring results and graphical presentation for RTN3 during restricted hours are for information only as no night classes were conducted at the educational institute.*

- 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 exceedances were recorded at RTN2a-Electric Centre during daytime on 28 February 2014 and 4 March 2014 and during restricted hours on 23 March 2014. After checking with contractor, no construction activities were conducted at the concerned location during daytime on 28 February 2014 and 4 March 2014 and no construction activities were conducted at the concerned location during restricted hours on 23 March 2014. As such, the exceedances were considered as non-project related and contributed by nearby IEC traffic and nearby non-CWB Project.
- 5.2.12. No limit level exceedance was recorded at RTN3-Yue Lee Mo Fan Memorial School in the reporting month.
- 5.2.13. No limit level exceedance was recorded at RTN4-Causeway Bay Community Centre in the reporting month.
- 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.**

5.3 Air Monitoring Results

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

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

Table 5.9 Air 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. Air quality monitoring results measured in this reporting period are reviewed and summarized. Details of air 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

5.3.3 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 monitoring stations are summarized in **Table 5.10** below.

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

Station	Description
CMA5a	Children Playgrounds opposite to Pedestrian Plaza

5.3.4 No exceedance was recorded in the reporting month. Air quality monitoring results measured in this reporting period are reviewed and summarized. Details of air 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

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

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

Station	Description
CMA4a	Society for the Prevention of Cruelty to Animals

5.3.6 No exceedance was recorded in the reporting month. Air quality monitoring results measured in this reporting period are reviewed and summarized. Details of air 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

5.3.7 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 monitoring stations are summarized in **Table 5.12** below.

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

Station	Description
CMA3a	CWB PRE Site Office

5.3.8 No exceedance was recorded in the reporting month. Air quality monitoring results measured in this reporting period are reviewed and summarized. Details of air 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/A

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

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

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

5.3.10 No exceedance was recorded in the reporting month. Air quality monitoring results measured in this reporting period are reviewed and summarized. Details of air 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 5.15**.

Table 5.15 Details of Waste Disposal for Contract no. HK/2009/01

Waste Type	Quantity this month, m ³	Cumulative-to-Date, m ³	Disposal / Dumping Grounds
Inert C&D materials disposed	32.9	53235.885	TKO137, TM38
Inert C&D materials recycled	Nil	10104.5	N/A
Non-inert C&D materials disposed	28.14	1563.47	SENT Landfill
Non-inert C&D materials recycled	Nil	205943	N/A
Chemical waste disposed	Nil	10350	N/A

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 5.16**.

Table 5.16 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	3129.7	258671.362	TKO137 / TM 38
Inert C&D materials recycled, m ³	Nil	18161	n/a
Non-inert C&D materials disposed, m ³	49.45	1394.443	SENT Landfill
Non-inert C&D materials recycled, m ³	Nil	N/A	N/A
Chemical waste disposed, kg	Nil	12071	SENT Landfill

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 5.17**.

Table 5.17 Details of Waste Disposal for Contract no. HY/2009/18

Waste Type*	Quantity this month, (m3)	Cumulative-to-Date, (m3)	Disposal / Dumping Grounds
Inert C&D materials disposed	2853	105937	T.K.O. 137, TM 38
Inert C&D materials recycled	111	56685	N/A
Non-inert C&D materials disposed	89	1968	SENT Landfill
Non-inert C&D materials recycled (tonnes)	0.98	83.46	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 5.18**.

Table 5.18 Details of Waste Disposal for Contract no. HY/2009/15

Waste Type	Quantity this month(m ³)	Cumulative Quantity-to-Date(m ³)	Disposal / Dumping Grounds
Inert C&D materials disposed, m ³	63.1	489838.09	Tuen Mun Area 38 TKO137 FB
	156	243093.71	
Inert C&D materials recycled, m ³	Nil	271828.5	HY/2009/11 ex-PCWA TS4 /TS2 WDII Lun Ku Tan
Non-inert C&D materials disposed, m ³	40.82	1686.04	SENT Landfill
Non-inert C&D materials recycled, m ³	918	547972.2	Xun Xiang Metalware Skylight Recycle (paper)
Chemical waste disposed, kg	Nil	21955	Dunwell Group

Waste Type	Quantity this month(m ³)	Cumulative Quantity-to-Date(m ³)	Disposal / Dumping Grounds
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/A

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 5.19**.

Table 5.19 Details of Waste Disposal for Contract no. HY/2009/19

Waste Type*	Quantity this month, m ³	Cumulative-to-Date, m ³	Disposal / Dumping Grounds
Inert C&D materials disposed	3147.6	476228.29	N/A
Inert C&D materials recycled	Nil	62104.43	N/A
Non-inert C&D materials disposed	40.3	1132	SENT Landfill
Non-inert C&D materials recycled	11.59	352.04	N/A
Chemical waste disposed	0.35	5.96	N/A
Dumping Permit (Tunnel) (Type-1 Open Sea Disposal), m ³	4421	7382	South of Cheung Chau
Marine Sediment (Tunnel) (Type 1- Open Sea Disposal (Dedicated Sites) & Type 2 – Confined Marine Disposal), m ³	5204	15934	East of Sha Chau

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

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

Table 5.20 Details of Waste Disposal for Contract no. HK/2010/06

Waste Type*	Quantity this month, m ³	Cumulative-to-Date, m ³	Disposal / Dumping Grounds
Inert C&D materials disposed	NIL	NIL	TM38
Inert C&D materials recycled	NIL	NIL	N/A
Non-inert C&D materials disposed	22.14	325.74	SENT
Non-inert C&D materials recycled	20120	25190	Recyclers
Chemical waste disposed	Nil	0.2	N/A

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

5.4.7. 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 5.21**.

Table 5.21 Details of Waste Disposal for Contract no. HK/2012/08

Waste Type*	Quantity this month, m ³	Cumulative-to-Date, m ³	Disposal / Dumping Grounds
Inert C&D materials disposed	Nil	Nil	N/A
Inert C&D materials recycled	Nil	Nil	N/A
Non-inert C&D materials disposed	Nil	Nil	N/A
Non-inert C&D materials recycled	Nil	Nil	N/A
Chemical waste disposed	Nil	Nil	N/A

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

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 5.22**.

Table 5.22 Details of Waste Disposal for Contract no. HY/2010/08

Waste Type*	Quantity this month, m ³	Cumulative-to-Date, m ³	Disposal / Dumping Grounds
Inert C&D materials disposed	967 68	4011.4 137.029	TM 38 TKO area 137
Inert C&D materials recycled	Nil	Nil	Nil
Non-inert C&D materials disposed	44	385	SENT
Non-inert C&D materials recycled	Nil	Nil	Nil
Chemical waste disposed	Nil	60	Nil

6 Compliance Audit

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

6.1 Noise Monitoring

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

6.1.1. No exceedance was recorded in the reporting month.

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

6.1.2. No exceedance was recorded in the reporting month.

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

6.1.3. No exceedance was recorded in the reporting month.

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

6.1.4. No exceedance was recorded in the reporting month.

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

6.1.5. Two limit level exceedances were recorded on 5 and 11 March 2014 at M6 – HK Baptist Church Henrietta Secondary School in the reporting month. Investigations found that on 5 and 11 March 2014, traffic noise was major contribution in the noise monitoring and exceedances were not related to the Project.

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

6.1.6. 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/A

- 6.1.7. No limit level exceedance was recorded at RTN1-FEHD Hong Kong Transport Section Whitfield Depot during restricted hours in the reporting month.
- 6.1.8. Limit level exceedances were recorded at RTN2a-Electric Centre during daytime on 28 February 2014 and 4 March 2014 and during restricted hours on 23 March 2014. After checking with contractor, no construction activities were conducted at the concerned location during daytime on 28 February 2014 and 4 March 2014 and no construction activities were conducted at the concerned location during restricted hours on 23 March 2014. As such, the exceedances were considered as non-project related and contributed by nearby IEC traffic and nearby non-CWB Project.
- 6.1.9. Limit level exceedances were recorded at RTN3-Yue Lee Mo Fan Memorial School in the reporting month.
- 6.1.10. No limit level exceedance was recorded at RTN4-Causeway Bay Community Centre in the reporting month.

6.2 Air 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/A

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

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

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



6.3.2. No project-related non-compliance from monitoring was recorded in the reporting month.

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

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

7 Cumulative Construction Impact due to the Concurrent Projects

- 7.0.1. According to Condition 3.4 of the EP-364/2009/B, 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, Diaphragm wall construction, Guide wall construction and culvert diversion were performed in March 2014 reporting month. As no exceedances 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 activity under Wan Chai Development Phase II were marine works at HKCEC areas, cross-harbour Watermains, Fresh Watermains and Cooling Watermains Installations, tunnel works at Wan Chai East [and filling works at Wan Chai West. The major construction activities under Central-Wan Chai Bypass and Island Eastern Corridor Link Projects were tunnel construction at TS4 and tunnel construction and dismantling of struts at TPCWAE. Bridge construction and tunnel works at Central Interchange, ELS, segment launching works and tunnel works at North Point area. The major environmental impact was water quality impact at Causeway Bay and Wan Chai. Land-based construction activities were tunnel construction at TS2, TS4 and TPCWAE, tunnel works at Central and ELS and tunnel works at North Point and tunnel works at Wan Chai East in the reporting month.](#)
- 7.0.5. The major environmental impacts generated from tunnel works at Central and tunnel works at Wan Chai East, IECL and Causeway Bay Typhoon Shelter were undertaken in the reporting month. No significant air impact from construction activities was anticipated in the reporting month. Besides, no project-related exceedances were recorded during the air and noise environmental monitoring events in the reporting month. Thus, it is evaluated that the cumulative construction impact from the concurrent projects including Wan Chai Development Phase II was insignificant.

8 Environmental Site Audit

8.0.1. During this reporting month, weekly environmental site audits were conducted for Contracts no. HY/2009/15, HY/2009/18, HY/2009/19, HK/2012/08, HK/2009/01, HK/2009/02, HY/2010/08 and HK/2010/06. 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	Outcome
140311_04	11/3/2014	Provide drip tray to chemical waste container and provide plug to drip tray to prevent leakage	Drip trays were provided	Completion as observed on 18 March 2014
140311_02	11/3/2014	Leaked oil should be collected as chemical waste	Leaked oil was cleared as chemical waste.	Completion as observed on 18 March 2014
140311_04	11/3/2014	Mud resting at the edge of seawall should be cleared to prevent drop off	Mud resting at the edge of seawall have been removed.	Completion as observed on 18 March 2014
140318_01	18/3/2014	Provide maintenance to PME to prevent oil leakage and leaked oil shall be cleared as chemical waste (TS4/TS2)	no further leakage was observed and leaked oil was cleared as chemical waste	Completion as observed on 25 March 2014
140318_02	18/3/2014	Provide waste collection point and collect refuse to prevent windblown waste (TS2)	Refuses were collected and waste collection bags were provided	Completion as observed on 25 March 2014
140325_01	25/3/2014	Tighten the silt curtain to avoid gap during rock placing works	The condition of silt curtain was improved	Completion as observed on 1 April 2014

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

8.0.4. Four site inspections for Contract no. HY/2009/19 was carried out during this reporting period. The results of these inspections and outcomes are summarized in **Table 8.3**

Table 8.3 Summary of Environmental Inspections for Contract no. HY/2009/19

Item	Date	Observations	Action taken by Contractor	Outcome
140305_01	5-Mar-14	Improve the cleaning of public road near exit to prevent mud deposit and wheel wash runoff	The public road near exit was cleaned	Completion as observed on 12 March 2014

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	Outcome
140305_01	5-Mar-14	Noise emission label should be provided to the air compressor (Bay 8 & 9)	Noise label was provided	Completion as observed on 12 March 2014
140312_01	12-Mar-14	Public drainage should be cleared more frequently preventing accumulation of mud (Expo Drive Centre)	The public drainage was cleared properly	Completion as observed on 20 March 2014
140320_01	20-Mar-14	Effluent should be properly treated prior to discharge (Water Channel)	Properly measure was provided for the effluent	Completion as observed on 26 March 2014
140320_02	20-Mar-14	Floating refuse should be cleaned more frequently (Bay 8 & 9)	Floating refuse was cleaned	Completion as observed on 2 April 2014
140326_01	26-Mar-14	Properly measure should be provided as to reduce noise generated from breaking works (Bay 8 & 9)	The machinery was removed.	Completion as observed on 2 April 2014

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

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

Item	Date	Observations	Action taken by Contractor	Outcome
140327_01	27-Mar-14	Provide 3- sides and top cover to grouting station (WCR2)	3-sides and top cover was provided to grouting station.	Completion as observed on 3 April 2014

8.0.7. Four site inspections for Contract no. HK/2010/06 was carried out during this reporting period. No observation was found in the reporting month.

8.0.8. Four site inspection for Contract no. HK/2012/08 was carried out during this reporting period. No observation was found in the reporting month.

8.0.9. 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 8.8**

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

Item	Date	Observations	Action taken by Contractor	Outcome
140306_02	6-Mar-14	Provide covering to manhole for public drain	Covering to the manhole was provided	Completion as observed on 13 March 2014
130320_01	20_Mar-14	Provide the plug to drip tray to prevent leakage and cleared the leaked oil as chemical waste (Victoria Park)	The plug for the drip tray was provided	Completion as observed on 27 March 2014

9 COMPLAINTS, NOTIFICATION OF SUMMONS AND PROSECUTION

- 9.0.1. One environmental complaints under FEP-05/364/2009 was received in the reporting period.
- 9.0.2. A public complaint regarding construction noise impact referred by EPD was received by ET on 11 March 2014 (ICC Case Ref.:1-494077682 dated 22 January 2014) under FEP-06/364/2009/B. The complainant reported that 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.
- 9.0.3. ET confirmed with the Resident Site Staff that the major construction activities at the concerned location conducted on 27 Feb 2014 (Daytime) include backfilling works between north wall and sheet piles and for roof slab, Site hoarding removal; Formwork erection and removal works, false work 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. Mitigation measures implemented by the Contractor for the above construction works include the use of quiet plants (air compressor with a Noise Emission Label of 99 dB(A)).
- 9.0.4. 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. 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.
- 9.0.5. 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.
- 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.
- 9.0.6. 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.

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

9.0.8. 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
Mar 2014	1
Sep 2010 – Feb 2014	27
Total	28

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"> • Tunnel construction at TS2, TS4 & TPCWAE • Dismantling of struts at TS4 & TPCWAE • Mined Tunnel drill-and-break works and installation of steel ribs at East and West Portal. • Mined tunnel lining construction 	<ul style="list-style-type: none"> • Dust control during dust generating activities • Noise control measures shall be provided during restricted hours • Provide protection works and adequate drainage system to ensure no direct discharge into public drainage system or the sea
HY/2009/18	<ul style="list-style-type: none"> • Excavation of trial pit • Drainage works • Tunnel works including scaffolding erection, excavation, OHVD installation, roadside barriers, top and base slab construction, extract sheet pile, waterproofing and backfill • Trough structure construction and associated drilling and grouting • 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 plants and measures should be taken to ensure adequate protections are provided for trees being transplanted.

<p>HY2009/19</p>	<ul style="list-style-type: none"> • Road works at Watson Road • Bored piling (Land) • Removal of strut at ELS • Construction of Pile cap, column and cross-head (Land) • Removal of marine platform • Construction of Dolphin Cap • ELS, EVB and Cut & Cover Tunnel • Laying of 1500φ pipe • Launching of segments • Extraction of temporary pile from marine section • Construction of bridge TA1 • Pre-bored H-pile for Admin. Building • U-beam installation will commence • Parapet will commence • Wing slab extension for segment will commence 	<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>HK2009/01</p>	<ul style="list-style-type: none"> • The remaining temporary utilities diversion at existing footpath and road junction, including changeover, pressure test and connection • Demolition of the existing Expo Drive East Bridge at southern bound would be carried out installation of box • Culvert piles after the temporary road opening. • Installation of pre-bored H-piles would be continued. • Plant mobilization • Stage 1 tunnel excavation work further down to -10 mPD • Bay 6 blinding layer • Stage 1 tunnel structure works • Stage 2 construction of Diaphragm wall at Water Channel south side 	<ul style="list-style-type: none"> • Noise level shall be controlled by reducing no. of plants working in parallel. • Well maintained enclosures for grouting mixing plants. • 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"> • Complete all tunnel structure. • Crack rectification for tunnel top slab. • Strut S3 removal • Load transfer for king posts & waterproofing layer installation for tunnel roof slab. • Ground treatment and guide wall for D-Wall construction. • Bored pile construction at Tunnel Portion 3 & 4. • Mobilization for D-Wall construction at Tunnel Portion 3 & 4 and complete the preparation works for all critical 10 nos. D-wall Panel Nos. C130A – P131, P144 – P146 and P97 – P99. Complete 30% of the mentioned critical D-Wall. • Existing 450mm stormwater drain diversion from Gate No.2 Box Culvert N1. 	<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/2010/06</p>	<ul style="list-style-type: none"> • Repair and installation of slotted panels • Installation of protection layer for precast unit • Infilling for precast unit 	<ul style="list-style-type: none"> • Dust control during dust generating works.
<p>HK/2012/08</p>	<ul style="list-style-type: none"> • Site preparation works • Site survey 	<ul style="list-style-type: none"> • Dust control during dust generating works

<p>HY/2010/08</p>	<ul style="list-style-type: none"> • Tree & root pruning works • Tree transplanting works, • Tree works within off-site nursery compound, • Drainage improvement works, • Sheet piling works, • Demarcation of graphics, • Erection of noise absorption sheetings, • Installation of site hoardings, • Pipe pile & pre-boring works, • Re-provisional of turtle pond, • Loop detector installation works, • UMP installation works & • Dredging works. 	<ul style="list-style-type: none"> • Provide protection works and adequate drainage system to ensure no direct discharge into public drainage system. • Appropriate plants and measures should be taken to ensure adequate protections are provided for trees being transplanted and retained on site.
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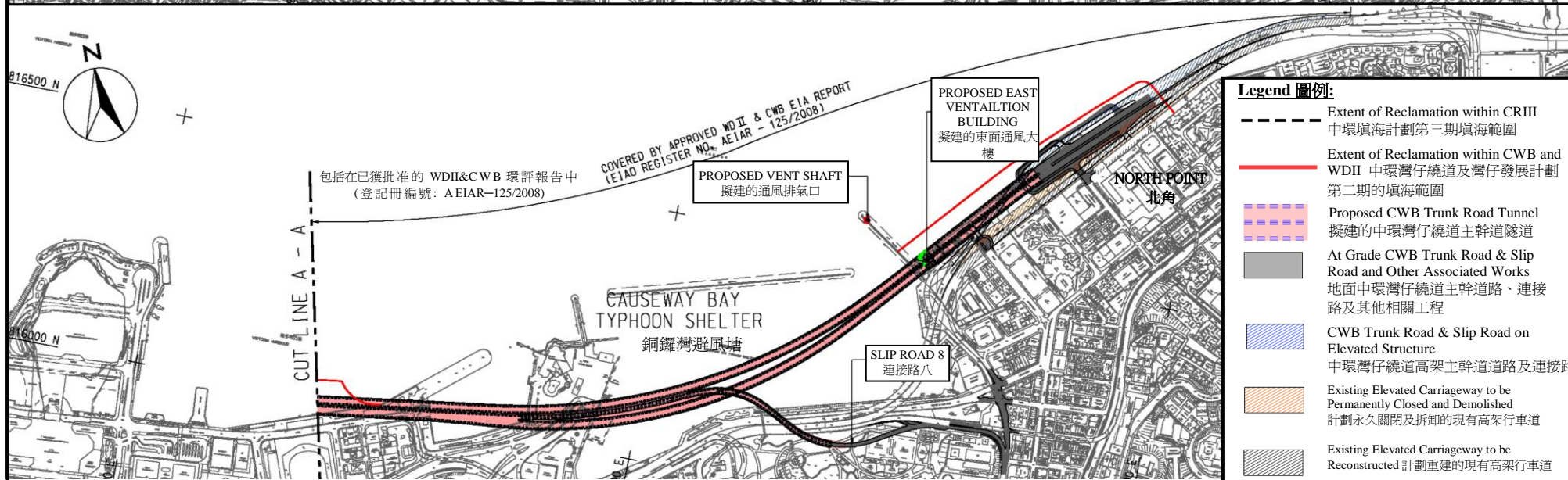
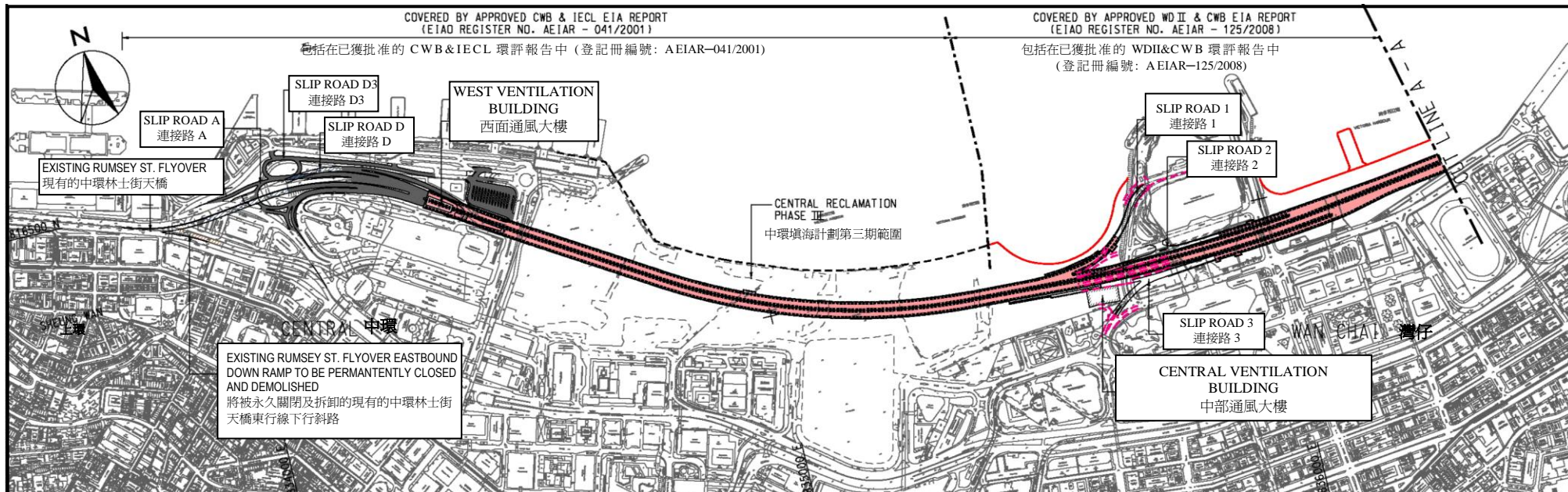
10.0.3. The construction works of Contract no. 04/HY/2006 – Reconstruction of Bus Terminus near Man Yiu Street and Man Kwong Street under FEP-04/364/2009/A was completed, and the FEP was surrendered by the Contractor on 11 February 2011.

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



Figure 2.1

Project Layout

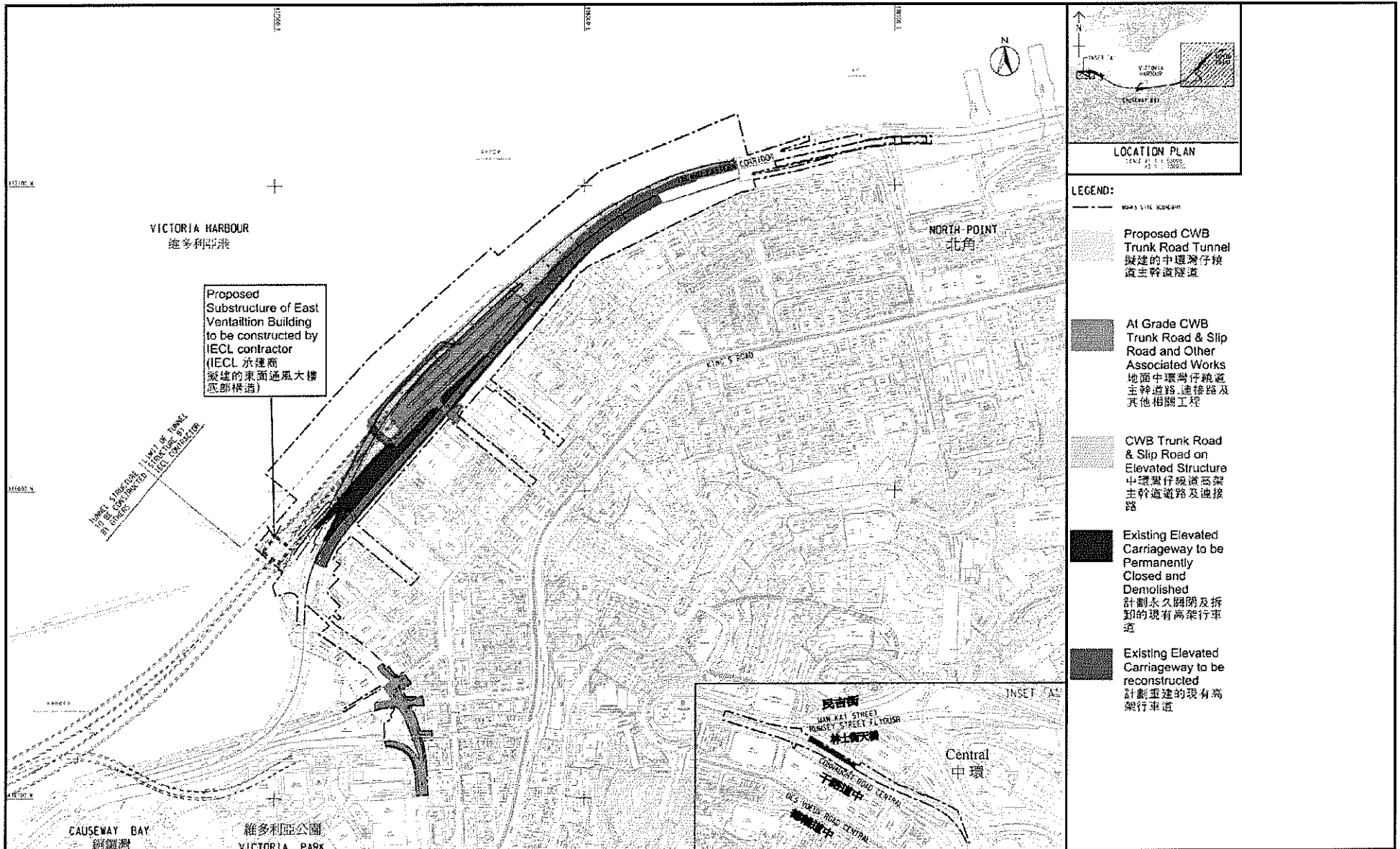


Project Title: Central-Wanchai Bypass (CWB) Including Its Road Tunnel and Slip Roads
工程項目名稱: 中環灣仔繞道包括其行車隧道及連接路

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

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))



Project Title: Central-Wanchai Bypass (CWB) – Tunnel (North Point Section) and Island Eastern Corridor Link
 工程項目名稱：中環灣仔繞道—北角段隧道及東區走廊連接路
 Environmental Permit No. : FEP-07-364/2009/A
 環境許可證編號 : FEP-07-364/2009/A

Figure 1b: General Layout Plan
 圖 1b: 工程項目佈局圖

(This figure was prepared based on Sketch No. 60095653/IEC/DF0006 of Application for Further Environmental Permit (Application No.: FEP-120/2011))
 (本圖是根據申請新的環境許可證 (申請書編號 FEP-120/2011) 圖 60095653/IEC/DF0006 編製)



Figure 2.2

Project Organization Chart



Project Organization Chart

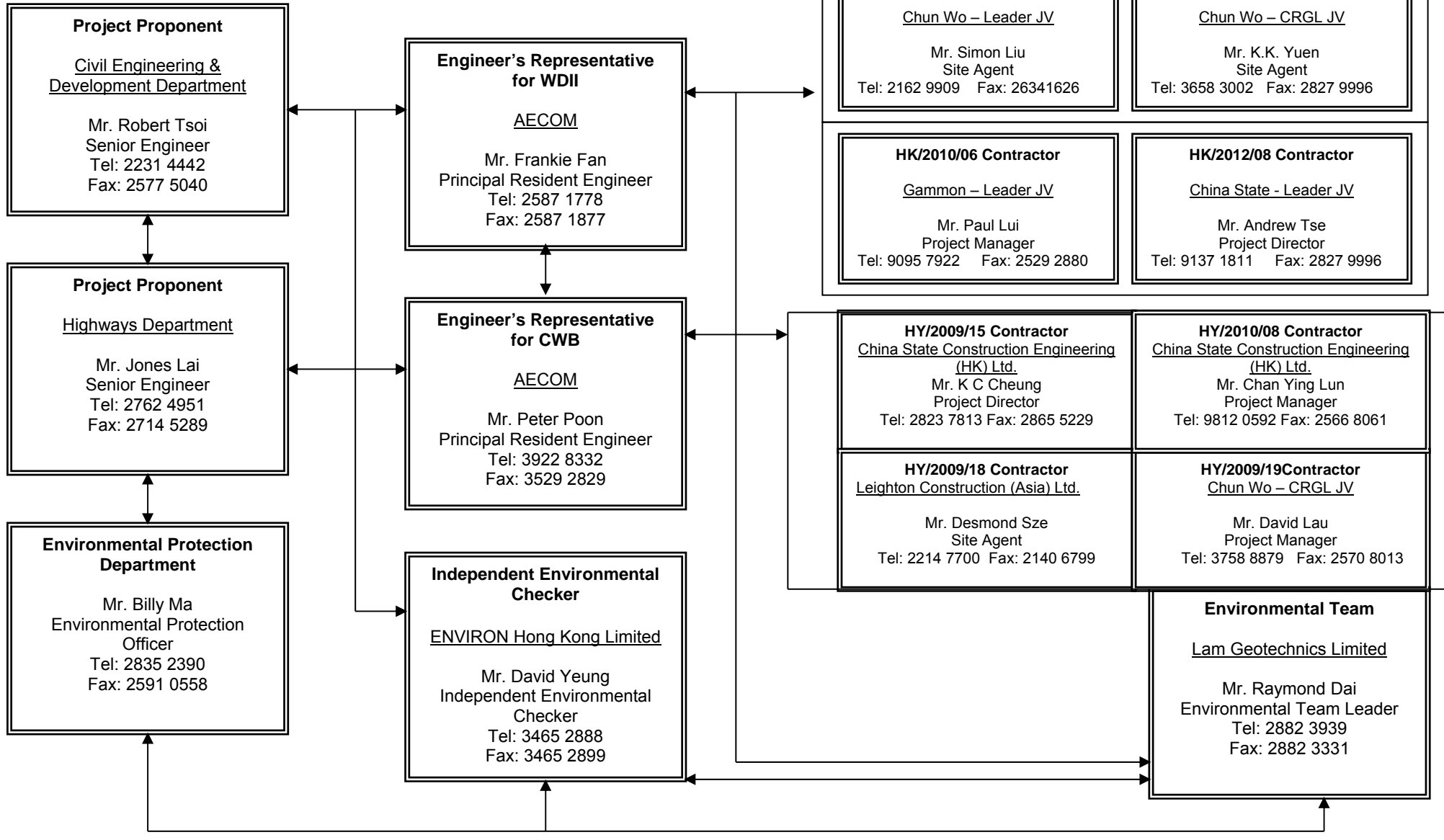
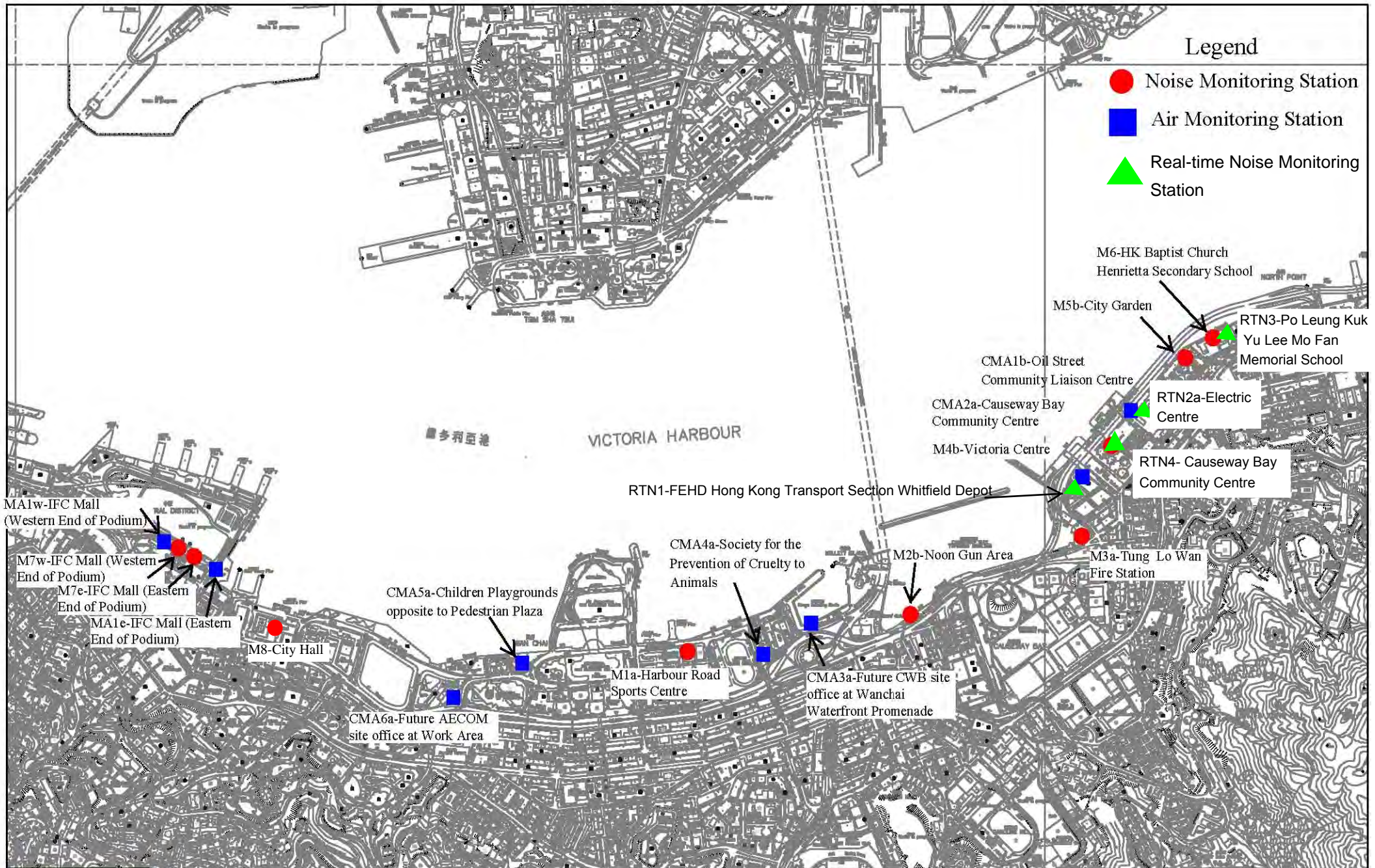




Figure 4.1

Locations of Monitoring Stations



Location plan 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
CMA5a	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



Calibration Certificate

Certificate No. **33624**

Page 1 of 4 Pages

Customer : Lam Geotechnics Limited

Address : 11/F, Centre Point, 181-185 Gloucester Road, Wanchai, Hong Kong.

Order No. : Q31494

Date of receipt : 30-May-13

Item Tested

Description : Digital Sound Level Meter

Manufacturer : B&K

Model : Type 2236

Serial No. : 2100736

Test Conditions

Date of Test : 3-Jun-13

Supply Voltage : --

Ambient Temperature : (23 ± 3)°C

Relative Humidity : (50 ± 25) %

Test Specifications

Calibration check.

Ref. Document/Procedure : Z01.

Test Results

All results were within the IEC 651 Type 1, IEC 804 Type 1 & IEC 1260 Class 1 specification.

The results are shown in the attached page(s).


Main Test equipment used:

<u>Equipment No.</u>	<u>Description</u>	<u>Cert. No.</u>	<u>Traceable to</u>
S017	Multi-Function Generator	C127181	SCL-HKSAR
S024	Sound Level Calibrator	30620	NIM-PRC & SCL-HKSAR

The values given in this Calibration Certificate only relate to the values measured at the time of the test and any uncertainties quoted will not include allowance for the equipment long term drift, variations with environmental changes, vibration and shock during transportation, overloading, mis-handling, or the capability of any other laboratory to repeat the measurement. Hong Kong Calibration Ltd. shall not be liable for any loss or damage resulting from the use of the equipment.

The test equipment used for calibration are traceable to International System of Units (SI).

The test results apply to the above Unit-Under-Test only

Calibrated by : 
Liam Wong

Approved by : 
Dorothy Cheuk

Date: 3-Jun-13



Calibration Certificate

Certificate No. 33624

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Results :

1. SPL Accuracy

UUT Setting				Applied Value (dB)	UUT Reading (dB)
Range	Parameter	Frequency Wt.	Freq. Response		
20 - 100	SPL	dBA	F	94.0	93.8
			S		93.8
		dBC	F		93.8
		dBL	F		93.9
		1 kHz	F		93.8
40 - 120	SPL	dBA	F	94.0	93.9
		1 kHz	F		93.9
	SPL	dBA	F	114.0	113.8
			S		113.8
		dBC	F		113.9
		dBL	F		113.9
1 kHz	F	113.8			

IEC 651 Type 1 Spec. : ± 0.7 dB

Uncertainty : ± 0.1 dB

2. Level Stability : 0.0 dB

IEC 651 Type 1 Spec. : ± 0.3 dB

Uncertainty : ± 0.1 dB

3. Linearity

3.1 Level Linearity

UUT Range (dB)	Applied Value (dB)	UUT Reading (dB)	Variation (dB)	IEC 651 Type 1 Spec. (Primary Indicator Range)
140	114.0	113.9	0.0	± 0.7 dB
130	104.0	103.9	0.0	
120	94.0	93.9 (Ref.)	--	
110	84.0	83.9	0.0	
100	74.0	73.9	0.0	
100	64.0	63.9	0.0	
100	54.0	53.9	0.0	

Uncertainty : ± 0.1 dB



Calibration Certificate

Certificate No. **33624**

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3.2 Differential level linearity

UUT Range (dB)	Applied Value (dB)	UUT Reading (dB)	Variation (dB)	IEC 651 Type 1 Spec.
120	84.0	83.9	0.0	± 0.4 dB
	94.0	93.9 (Ref.)	- -	
	95.0	94.9	0.0	± 0.2 dB

Uncertainty : ± 0.1 dB

4. Frequency Weighting

A weighting

Frequency	Attenuation (dB)	IEC 651 Type 1 Spec.
31.5 Hz	-39.6	- 39.4 dB, ± 1.5 dB
63 Hz	-26.4	- 26.2 dB, ± 1.5 dB
125 Hz	-16.3	- 16.1 dB, ± 1 dB
250 Hz	-8.8	- 8.6 dB, ± 1 dB
500 Hz	-3.3	- 3.2 dB, ± 1 dB
1 kHz	0.0 (Ref)	0 dB, ± 1 dB
2 kHz	+1.2	+ 1.2 dB, ± 1 dB
4 kHz	+0.9	+ 1.0 dB, ± 1 dB
8 kHz	-1.2	- 1.1 dB, + 1.5 dB ~ -3 dB
16 kHz	-6.8	- 6.6 dB, + 3 dB ~ -∞

Uncertainty : ± 0.1 dB

5. Time Averaging

Applied Burst duty Factor	Applied Leq Value (dB)	UUT Reading (dB)	IEC 804 Type 1 Spec.
continuous	40.0	40.0	--
1/10	40.0	39.9	± 0.5 dB
1/10 ²	40.0	39.8	
1/10 ³	40.0	39.7	± 1.0 dB
1/10 ⁴	40.0	39.5	

Uncertainty : ± 0.1 dB



Calibration Certificate

Certificate No. 33624

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6. Filter Response

Filter Setting	Attenuation (dB)	IEC 1260 Class 1 Spec.
125 Hz	-63.6	< - 61
250 Hz	-44.8	< - 42
500 Hz	-21.0	< - 17.5
707 Hz	-3.7	- 2 ~ - 5
1 kHz (Ref.)	0.0 (Ref.)	--
1.414 kHz	-4.1	- 2 ~ - 5
2 kHz	-21.4	< - 17.5
4 kHz	-45.0	< - 42
8 kHz	-63.9	< - 61

Uncertainty : ± 0.2 dB

Remark : 1. UUT : Unit-Under-Test

2. The uncertainty claimed is for a confidence probability of not less than 95%.

3. Atmospheric Pressure : 996 hPa

4. The UUT was adjusted with the laboratory's sound calibrator at the reference sound pressure level before the calibration.

----- END -----



Calibration Certificate

Certificate No. **34228**

Page 1 of 2 Pages

Customer : Lam Geotechnics Limited

Address : 11/F, Centre Point, 181-185 Gloucester Road, Wanchai, Hong Kong.

Order No. : Q31610

Date of receipt : 21-Jun-13

Item Tested

Description : Sound Level Calibrator

Manufacturer : Rion

Model : NC-73

Serial No. : 10707358

Test Conditions

Date of Test : 25-Jun-13

Supply Voltage : --

Ambient Temperature : (23 ± 3)°C

Relative Humidity : (50 ± 25) %

Test Specifications

Calibration check.

Ref. Document/Procedure : F21, Z02.

Test Results

All results were within the manufacturer's specification.

The results are shown in the attached page(s).

Main Test equipment used:

<u>Equipment No.</u>	<u>Description</u>	<u>Cert. No.</u>	<u>Traceable to</u>
S014	Spectrum Analyzer	30259	NIM-PRC & SCL-HKSAR
S024	Sound Level Calibrator	30620	NIM-PRC & SCL-HKSAR
S041	Universal Counter	28347	SCL-HKSAR
S206	Sound Level Meter	30655	SCL-HKSAR

The values given in this Calibration Certificate only relate to the values measured at the time of the test and any uncertainties quoted will not include allowance for the equipment long term drift, variations with environmental changes, vibration and shock during transportation, overloading, mis-handling, or the capability of any other laboratory to repeat the measurement. Hong Kong Calibration Ltd. shall not be liable for any loss or damage resulting from the use of the equipment.

The test equipment used for calibration are traceable to International System of Units (SI).
The test results apply to the above Unit-Under-Test only

Calibrated by :


Liam Wong

Approved by :


Dorothy Cheuk

Date: 25-Jun-13

This Certificate is issued by:
Hong Kong Calibration Ltd.
Unit 8B, 24/F., Well Fung Industrial Centre, No. 58-76, Ta Chuen Ping Street, Kwai Chung, NT, Hong Kong.
Tel: 2425 8801 Fax: 2425 8646

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Calibration Certificate

Certificate No. 34228

Page 2 of 2 Pages

Results :

1. Level Accuracy (at 1 kHz)

UUT Nominal Value	Measured Value	Mfr's Spec.
94 dB	93.88 dB	± 1 dB

Uncertainty : ± 0.2 dB

2. Frequency Accuracy

UUT Nominal Value	Measured Value	Mfr's Spec.
1 kHz	0.995 kHz	± 2 %

Uncertainty : ± 0.1 %

3. Level Stability : 0.0 dB

Uncertainty : ± 0.01 dB

4. Total Harmonic Distortion : < 0.2 %

Mfr's Spec. : < 3 %

Uncertainty : ± 2.3 % of reading

Remark : 1. UUT : Unit-Under-Test

2. The uncertainty claimed is for a confidence probability of not less than 95%.

3. The above measured values were the mean of 3 measurements.

4. Atmospheric Pressure : 999 hPa

----- END -----



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

AIR POLLUTION MONITORING EQUIPMENT
 ORIFICE TRANSFER STANDARD CERTIFICATION WORKSHEET TE-5025A

Date - Jul 15, 2013 Roots-meter S/N 0438320 Ta (K) - 300
 Operator Tisch Orifice I.D. - 0005 Pa (mm) - 759.46

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	1.3910	3.2	2.00
2	NA	NA	1.00	0.9830	6.4	4.00
3	NA	NA	1.00	0.8800	7.9	5.00
4	NA	NA	1.00	0.8380	8.8	5.50
5	NA	NA	1.00	0.6930	12.7	8.00

DATA TABULATION

Vstd	(x axis) Qstd	(y axis)	Va	(x axis) Qa	(y axis)
0.9884	0.7106	1.4090	0.9958	0.7159	0.8888
0.9843	1.0013	1.9926	0.9916	1.0087	1.2570
0.9822	1.1161	2.2278	0.9895	1.1244	1.4054
0.9811	1.1708	2.3365	0.9884	1.1795	1.4740
0.9760	1.4084	2.8180	0.9832	1.4188	1.7777
Qstd slope (m) = 2.01968			Qa slope (m) = 1.26469		
intercept (b) = -0.02746			intercept (b) = -0.01732		
coefficient (r) = 0.99999			coefficient (r) = 0.99999		
y axis = $\sqrt{H_2O(Pa/760)(298/Ta)}$			y axis = $\sqrt{H_2O(Ta/Pa)}$		

CALCULATIONS

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

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

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

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

For subsequent flow rate calculations:

$$Qstd = 1/m \{ [\sqrt{H_2O(Pa/760)(298/Ta)}] - b \}$$

$$Qa = 1/m \{ [\sqrt{H_2O(Ta/Pa)}] - b \}$$



Lam Geotechnics Limited

Calibration Data for High Volume Sampler (TSP Sampler)

Location : CMA1b
 Equipment no. : EL452
 Calibration Date : 18-Jan-14
 Calibration Due Dat : 18-Mar-14

CALIBRATION OF CONTINUOUS FLOW RECORDER

Ambient Condition			
Temperature, T _a	289	Kelvin	Pressure, P _a
			1026 mmHg

Orifice Transfer Standard Information					
Equipment No.	EL086	Slope, m _c	2.01968	Intercept, b _c	-0.02746
Last Calibration Date	15-Jul-13	$(H \times P_a / 1013.3 \times 298 / T_a)^{1/2}$ $= m_c \times Q_{std} + b_c$			
Next Calibration Date	15-Jul-14				

Calibration of RSP						
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	6.2	6.2	12.4	1.7951	60	61.3077
2	5.1	5.1	10.2	1.6294	51	52.1116
3	4.1	4.1	8.2	1.4623	41	41.8936
4	2.5	2.5	5.0	1.1449	25	25.5449
5	1.5	1.5	3.0	0.8899	13	13.2833

By Linear Regression of Y on X

Slope, m = 53.1762 Intercept, b = -34.7843

Correlation Coefficient* = 0.9992

Calibration Accepted = Yes/No**

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

** Delete as appropriate.

Remarks : _____

Calibrated by : Henry
 Date : 18-Jan-14
 Checked by : Derek Lo
 Date : 18-Jan-14



Lam Geotechnics Limited

Calibration Data for High Volume Sampler (TSP Sampler)

Location : CMA1b
 Equipment no. : EL452

Calibration Date : 15-Mar-14
 Calibration Due Dat : 15-May-14

CALIBRATION OF CONTINUOUS FLOW RECORDER

Ambient Condition			
Temperature, T _a	298	Kelvin	Pressure, P _a
			1015 mmHg

Orifice Transfer Standard Information					
Equipment No.	EL086	Slope, m _c	2.01968	Intercept, b _c	-0.02746
Last Calibration Date	15-Jul-13	$(H \times P_a / 1013.3 \times 298 / T_a)^{1/2}$ $= m_c \times Q_{std} + b_c$			
Next Calibration Date	15-Jul-14				

Calibration of RSP						
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	6.2	6.2	12.4	1.7586	60	60.0503
2	5.1	5.1	10.2	1.5962	51	51.0428
3	4.0	4.0	8.0	1.4152	40	40.0335
4	2.5	2.5	5.0	1.1217	24	24.0201
5	1.5	1.5	3.0	0.8719	12	12.0101

By Linear Regression of Y on X

Slope, m = 54.5933 Intercept, b = -36.4179

Correlation Coefficient* = 0.9993

Calibration Accepted = Yes/No**

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

** Delete as appropriate.

Remarks : _____

Calibrated by : Felix Li
 Date : 15-Mar-14

Checked by : Derek Lo
 Date : 15-Mar-14



Lam Geotechnics Limited

Calibration Data for High Volume Sampler (TSP Sampler)

Location : CMA2a Calibration Date : 18-Jan-14
 Equipment no. : EL449 Calibration Due Date : 18-Mar-14

CALIBRATION OF CONTINUOUS FLOW RECORDER

Ambient Condition			
Temperature, T _a	289	Kelvin	Pressure, P _a
			1026 mmHg

Orifice Transfer Standard Information			
Equipment No.	EL086	Slope, m _c	2.01968
		Intercept, b _c	-0.02746
Last Calibration Date	15-Jul-13	$(H \times P_a / 1013.3 \times 298 / T_a)^{1/2}$ $= m_c \times Q_{std} + b_c$	
Next Calibration Date	15-Jul-14		

Calibration of RSP						
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	1.7807	59	60.2859
2	5.1	5.1	10.2	1.6294	51	52.1116
3	4.0	4.0	8.0	1.4446	42	42.9154
4	2.5	2.5	5.0	1.1449	28	28.6103
5	1.4	1.4	2.8	0.8602	16	16.3487

By Linear Regression of Y on X

Slope, m = 47.6578 Intercept, b = -25.3287

Correlation Coefficient* = 0.9993

Calibration Accepted = Yes/No**

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

** Delete as appropriate.

Remarks : _____

Calibrated by : Henry Checked by : Derek Lo
 Date : 18-Jan-14 Date : 18-Jan-14



Lam Geotechnics Limited

Calibration Data for High Volume Sampler (TSP Sampler)

Location : CMA2a
 Equipment no. : EL449

Calibration Date : 15-Mar-14
 Calibration Due Dat : 15-May-14

CALIBRATION OF CONTINUOUS FLOW RECORDER

Ambient Condition			
Temperature, T _a	298	Kelvin	Pressure, P _a
			1015 mmHg

Orifice Transfer Standard Information					
Equipment No.	EL086	Slope, m _c	2.01968	Intercept, b _c	-0.02746
Last Calibration Date	15-Jul-13	$(H \times P_a / 1013.3 \times 298 / T_a)^{1/2}$ $= m_c \times Q_{std} + b_c$			
Next Calibration Date	15-Jul-14				

Calibration of RSP						
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	1.7445	59	59.0495
2	5.0	5.0	10.0	1.5806	50	50.0419
3	4.0	4.0	8.0	1.4152	41	41.0344
4	2.5	2.5	5.0	1.1217	28	28.0235
5	1.4	1.4	2.8	0.8428	15	15.0126

By Linear Regression of Y on X

Slope, m = 48.3583 Intercept, b = -26.2139

Correlation Coefficient* = 0.9990

Calibration Accepted = Yes/No**

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

** Delete as appropriate.

Remarks : _____

Calibrated by : Felix Li
 Date : 15-Mar-14

Checked by : Derek Lo
 Date : 15-Mar-14



Lam Geotechnics Limited

Calibration Data for High Volume Sampler (TSP Sampler)

Location : CMA3a Calibration Date : 20-Feb-14
 Equipment no. : EL333 Calibration Due Date : 20-Apr-14

CALIBRATION OF CONTINUOUS FLOW RECORDER

Ambient Condition			
Temperature, T _a	288	Kelvin	Pressure, P _a
			1020 mmHg

Orifice Transfer Standard Information			
Equipment No.	EL086	Slope, m _c	2.01968
		Intercept, b _c	-0.02746
Last Calibration Date	15-Jul-13	$\left(H \times P_a / 1013.3 \times 298 / T_a \right)^{1/2}$ $= m_c \times Q_{std} + b_c$	
Next Calibration Date	15-Jul-14		

Calibration of RSP						
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	1.7786	62	63.2754
2	5.0	5.0	10.0	1.6115	52	53.0697
3	4.0	4.0	8.0	1.4428	41	41.8434
4	2.5	2.5	5.0	1.1435	25	25.5143
5	1.6	1.6	3.2	0.9175	13	13.2674

By Linear Regression of Y on X

Slope, m = 58.0066 Intercept, b = -40.5854
 Correlation Coefficient* = 0.9992
 Calibration Accepted = Yes/No**

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

** Delete as appropriate.

Remarks : _____

Calibrated by : Henry Checked by : Derek Lo
 Date : 20-Feb-14 Date : 20-Feb-14



Lam Geotechnics Limited

Calibration Data for High Volume Sampler (TSP Sampler)

Location : CMA4a Calibration Date : 18-Jan-14
 Equipment no. : EL390 Calibration Due Date : 18-Mar-14

CALIBRATION OF CONTINUOUS FLOW RECORDER

Ambient Condition			
Temperature, T _a	289	Kelvin	Pressure, P _a
			1026 mmHg

Orifice Transfer Standard Information					
Equipment No.	EL086	Slope, m _c	2.01968	Intercept, b _c	-0.02746
Last Calibration Date	15-Jul-13	$(H \times P_a / 1013.3 \times 298 / T_a)^{1/2}$ $= m_c \times Q_{std} + b_c$			
Next Calibration Date	15-Jul-14				

Calibration of RSP						
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	6.0	6.0	12.0	1.7662	60	61.3077
2	5.1	5.1	10.2	1.6294	52	53.1334
3	3.9	3.9	7.8	1.4266	41	41.8936
4	2.5	2.5	5.0	1.1449	26	26.5667
5	1.5	1.5	3.0	0.8899	14	14.3051

By Linear Regression of Y on X

Slope, m = 53.7145 Intercept, b = -34.2208
 Correlation Coefficient* = 0.9994
 Calibration Accepted = Yes/No**

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

** Delete as appropriate.

Remarks : _____

Calibrated by : Henry Checked by : Derek Lo
 Date : 18-Jan-14 Date : 18-Jan-14



Lam Geotechnics Limited

Calibration Data for High Volume Sampler (TSP Sampler)

Location : CMA4a
 Equipment no. : EL390

Calibration Date : 15-Mar-14
 Calibration Due Dat : 15-May-14

CALIBRATION OF CONTINUOUS FLOW RECORDER

Ambient Condition			
Temperature, T _a	298	Kelvin	Pressure, P _a
			1015 mmHg

Orifice Transfer Standard Information					
Equipment No.	EL086	Slope, m _c	2.01968	Intercept, b _c	-0.02746
Last Calibration Date	15-Jul-13	$(H \times P_a / 1013.3 \times 298 / T_a)^{1/2}$ $= m_c \times Q_{std} + b_c$			
Next Calibration Date	15-Jul-14				

Calibration of RSP						
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	6.0	6.0	12.0	1.7302	60	60.0503
2	5.1	5.1	10.2	1.5962	52	52.0436
3	4.0	4.0	8.0	1.4152	42	42.0352
4	2.5	2.5	5.0	1.1217	28	28.0235
5	1.5	1.5	3.0	0.8719	15	15.0126

By Linear Regression of Y on X

Slope, m = 51.8132 Intercept, b = -30.3615

Correlation Coefficient* = 0.9994

Calibration Accepted = Yes/No**

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

** Delete as appropriate.

Remarks : _____

Calibrated by : Felix Li
 Date : 15-Mar-14

Checked by : Derek Lo
 Date : 15-Mar-14



Lam Geotechnics Limited

Calibration Data for High Volume Sampler (TSP Sampler)

Location : CMA5a
 Equipment no. : EL380

Calibration Date : 18-Jan-14
 Calibration Due Date : 18-Mar-14

CALIBRATION OF CONTINUOUS FLOW RECORDER

Ambient Condition			
Temperature, T _a	289	Kelvin	Pressure, P _a
			1026 mmHg

Orifice Transfer Standard Information					
Equipment No.	EL086	Slope, m _c	2.01968	Intercept, b _c	-0.02746
Last Calibration Date	15-Jul-13	$\left(H \times P_a / 1013.3 \times 298 / T_a \right)^{1/2}$ $= m_c \times Q_{std} + b_c$			
Next Calibration Date	15-Jul-14				

Calibration of RSP						
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	6.0	6.0	12.0	1.7662	60	61.3077
2	5.0	5.0	10.0	1.6135	51	52.1116
3	4.0	4.0	8.0	1.4446	42	42.9154
4	2.5	2.5	5.0	1.1449	26	26.5667
5	1.5	1.5	3.0	0.8899	13	13.2833

By Linear Regression of Y on X

Slope, m = 54.6083 Intercept, b = -35.6736
 Correlation Coefficient* = 0.9998
 Calibration Accepted = Yes/No**

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

** Delete as appropriate.

Remarks : _____

Calibrated by : Henry
 Date : 18-Jan-14

Checked by : Derek Lo
 Date : 18-Jan-14



Lam Geotechnics Limited

Calibration Data for High Volume Sampler (TSP Sampler)

Location : CMA5a
 Equipment no. : EL380

Calibration Date : 15-Mar-14
 Calibration Due Dat : 15-May-14

CALIBRATION OF CONTINUOUS FLOW RECORDER

Ambient Condition			
Temperature, T _a	298	Kelvin	Pressure, P _a
			1015 mmHg

Orifice Transfer Standard Information					
Equipment No.	EL086	Slope, m _c	2.01968	Intercept, b _c	-0.02746
Last Calibration Date	15-Jul-13	$(H \times P_a / 1013.3 \times 298 / T_a)^{1/2}$ $= m_c \times Q_{std} + b_c$			
Next Calibration Date	15-Jul-14				

Calibration of RSP						
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	5.9	5.9	11.8	1.7158	60	60.0503
2	5.0	5.0	10.0	1.5806	52	52.0436
3	4.0	4.0	8.0	1.4152	42	42.0352
4	2.4	2.4	4.8	1.0993	25	25.0210
5	1.5	1.5	3.0	0.8719	13	13.0109

By Linear Regression of Y on X

Slope, m = 55.6207 Intercept, b = -35.9089
 Correlation Coefficient* = 0.9996
 Calibration Accepted = Yes/No**

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

** Delete as appropriate.

Remarks : _____

Calibrated by : Felix Li
 Date : 15-Mar-14

Checked by : Derek Lo
 Date : 15-Mar-14



Lam Geotechnics Limited

Calibration Data for High Volume Sampler (TSP Sampler)

Location : MA1w Calibration Date : 18-Jan-14
 Equipment no. : EL080 Calibration Due Date : 18-Mar-14

CALIBRATION OF CONTINUOUS FLOW RECORDER

Ambient Condition			
Temperature, T _a	289	Kelvin	Pressure, P _a
			1026 mmHg

Orifice Transfer Standard Information			
Equipment No.	EL086	Slope, m _c	2.01968
		Intercept, b _c	-0.02746
Last Calibration Date	15-Jul-13	$\left(\frac{H \times P_a}{1013.3 \times 298 / T_a} \right)^{1/2}$ $= m_c \times Q_{std} + b_c$	
Next Calibration Date	15-Jul-14		

Calibration of RSP						
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	1.7807	59	60.2859
2	5.0	5.0	10.0	1.6135	51	52.1116
3	4.0	4.0	8.0	1.4446	42	42.9154
4	2.5	2.5	5.0	1.1449	27	27.5885
5	1.4	1.4	2.8	0.8602	14	14.3051

By Linear Regression of Y on X

Slope, m = 50.3357 Intercept, b = -29.4556

Correlation Coefficient* = 0.9997

Calibration Accepted = Yes/No**

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

** Delete as appropriate.

Remarks : _____

Calibrated by : Henry Checked by : Derek Lo
 Date : 18-Jan-14 Date : 18-Jan-14



Lam Geotechnics Limited

Calibration Data for High Volume Sampler (TSP Sampler)

Location : MA1w
 Equipment no. : EL080

Calibration Date : 15-Mar-14
 Calibration Due Dat : 15-May-14

CALIBRATION OF CONTINUOUS FLOW RECORDER

Ambient Condition			
Temperature, T _a	298	Kelvin	Pressure, P _a
			1015 mmHg

Orifice Transfer Standard Information					
Equipment No.	EL086	Slope, m _c	2.01968	Intercept, b _c	-0.02746
Last Calibration Date	15-Jul-13	$\left(H \times P_a / 1013.3 \times 298 / T_a \right)^{1/2}$ $= m_c \times Q_{std} + b_c$			
Next Calibration Date	15-Jul-14				

Calibration of RSP						
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	1.7445	60	60.0503
2	5.1	5.1	10.2	1.5962	51	51.0428
3	4.0	4.0	8.0	1.4152	43	43.0361
4	2.5	2.5	5.0	1.1217	28	28.0235
5	1.5	1.5	3.0	0.8719	15	15.0126

By Linear Regression of Y on X						
Slope, m	=	50.8923	Intercept, b	=	-29.2661	
Correlation Coefficient*	=	0.9995				
Calibration Accepted	=	Yes/No**				

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

** Delete as appropriate.

Remarks : _____

Calibrated by : Felix Li
 Date : 15-Mar-14

Checked by : Derek Lo
 Date : 15-Mar-14



Lam Geotechnics Limited

Calibration Data for High Volume Sampler (TSP Sampler)

Location : MA1e Calibration Date : 18-Jan-14
 Equipment no. : EL455 Calibration Due Date : 18-Mar-14

CALIBRATION OF CONTINUOUS FLOW RECORDER

Ambient Condition			
Temperature, T _a	289	Kelvin	Pressure, P _a
			1026 mmHg

Orifice Transfer Standard Information			
Equipment No.	EL086	Slope, m _c	2.01968
		Intercept, b _c	-0.02746
Last Calibration Date	15-Jul-13	$(H \times P_a / 1013.3 \times 298 / T_a)^{1/2}$ $= m_c \times Q_{std} + b_c$	
Next Calibration Date	15-Jul-14		

Calibration of RSP						
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	1.7807	60	61.3077
2	5.0	5.0	10.0	1.6135	51	52.1116
3	4.1	4.1	8.2	1.4623	43	43.9372
4	2.5	2.5	5.0	1.1449	29	29.6321
5	1.5	1.5	3.0	0.8899	16	16.3487

By Linear Regression of Y on X

Slope, m = 49.7270 Intercept, b = -27.8685
 Correlation Coefficient* = 0.9994
 Calibration Accepted = Yes/No**

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

** Delete as appropriate.

Remarks : _____

Calibrated by : Henry Checked by : Derek Lo
 Date : 18-Jan-14 Date : 18-Jan-14



Lam Geotechnics Limited

Calibration Data for High Volume Sampler (TSP Sampler)

Location : MA1e
 Equipment no. : EL455

Calibration Date : 15-Mar-14
 Calibration Due Dat : 15-May-14

CALIBRATION OF CONTINUOUS FLOW RECORDER

Ambient Condition			
Temperature, T _a	298	Kelvin	Pressure, P _a
			1015 mmHg

Orifice Transfer Standard Information					
Equipment No.	EL086	Slope, m _c	2.01968	Intercept, b _c	-0.02746
Last Calibration Date	15-Jul-13	$\left(H \times P_a / 1013.3 \times 298 / T_a \right)^{1/2}$ $= m_c \times Q_{std} + b_c$			
Next Calibration Date	15-Jul-14				

Calibration of RSP						
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	1.7445	60	60.0503
2	5.0	5.0	10.0	1.5806	51	51.0428
3	4.1	4.1	8.2	1.4326	43	43.0361
4	2.5	2.5	5.0	1.1217	27	27.0226
5	1.6	1.6	3.2	0.9001	15	15.0126

By Linear Regression of Y on X

Slope, m = 53.0505 Intercept, b = -32.6976
 Correlation Coefficient* = 0.9999
 Calibration Accepted = Yes/Ne**

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

** Delete as appropriate.

Remarks : _____

Calibrated by : Felix Li
 Date : 15-Mar-14

Checked by : Derek Lo
 Date : 15-Mar-14



Appendix 5.1

Monitoring Schedules for Reporting Month and Coming Reporting Month

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

**Environmental Monitoring Schedule
March 2014**

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

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

**Tentative Environmental Monitoring Schedule
April 2014**

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					28-Mar	29-Mar
30-Mar	31-Mar	1-Apr	2-Apr	3-Apr	4-Apr	5-Apr
	Noise (Daytime)	Noise (Daytime)		24hr TSP	1hr TSP	
6-Apr	7-Apr	8-Apr	9-Apr	10-Apr	11-Apr	12-Apr
	Noise (Daytime)	Noise (Daytime)	24hr TSP	1hr TSP		
13-Apr	14-Apr	15-Apr	16-Apr	17-Apr	18-Apr	19-Apr
	Noise (Daytime)	24hr TSP Noise (Daytime)	1hr TSP			
20-Apr	21-Apr	22-Apr	23-Apr	24-Apr	25-Apr	26-Apr
	24hr TSP	1hr TSP	Noise (Daytime)	Noise (Daytime)		24hr TSP
27-Apr	28-Apr					
	1hr TSP					



Appendix 5.2

Noise Monitoring Results and Graphical Presentations



Noise Monitoring Result

Day Time (0700 - 1900hrs on normal weekdays)

Location: M1a - Harbour Road Sports Centre

Date	Time	Weather	Measurement Noise Level			Baseline Level	Construction Noise Level	Limit Level
			Leq	L10	L90	Leq	Leq	Leq
Unit: dB(A), (30-min)								
3/3/2014	9:30	Cloudy	73.1	75.5	69.0	72	66	75
10/3/2014	15:30	Cloudy	71.9	74.0	67.5	72	72	75
17/3/2014	15:50	Cloudy	72.8	75.0	68.5	72	64	75
25/3/2014	10:35	Fine	72.8	75.5	68.0	72	64	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)								
3/3/2014	10:14	Cloudy	71.4	74.0	67.5	68	69	75
10/3/2014	16:15	Cloudy	68.9	70.5	66.5	68	63	75
19/3/2014	9:10	Fine	69.4	71.0	67.0	68	65	75
25/3/2014	11:20	Fine	68.2	69.5	66.0	68	59	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)								
3/3/2014	10:52	Cloudy	67.3	68.5	65.0	69	67	75
11/3/2014	9:14	Fine	70.2	72.5	65.5	69	65	75
19/3/2014	9:55	Fine	68.5	70.5	65.5	69	69	75
25/3/2014	13:00	Fine	68.8	69.5	64.5	69	69	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)								
5/3/2014	13:53	Fine	71.1	72.5	68.5	67	69	75
11/3/2014	9:57	Fine	69.4	70.5	67.0	67	65	75
19/3/2014	10:42	Fine	69.3	71.0	66.5	67	65	75
25/3/2014	13:42	Fine	68.7	70.0	66.5	67	63	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)								
5/3/2014	14:40	Fine	67.6	68.5	66.0	68	68	75
11/3/2014	10:42	Fine	71.4	73.5	66.5	68	69	75
20/3/2014	10:43	Fine	67.5	69.0	64.5	68	68	75
25/3/2014	14:30	Fine	65.1	66.5	63.0	68	65	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)								
5/3/2014	15:26	Fine	74.0	75.0	72.0	71	71	70
11/3/2014	13:30	Cloudy	74.3	75.5	72.5	71	72	70
20/3/2014	13:48	Fine	73.2	74.0	71.5	71	70	70
25/3/2014	15:10	Fine	71.0	72.5	69.0	71	59	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)								
4/3/2014	9:56	Fine	67.9	69.5	65.0	67	61	N/A
10/3/2014	14:00	Cloudy	72.0	76.0	65.0	67	70	N/A
20/3/2014	9:43	Sunny	68.2	70.0	65.5	67	63	N/A
25/3/2014	8:50	Fine	68.1	70.0	64.5	67	62	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)								
4/3/2014	9:17	Fine	69.8	72.0	65.0	69	59	75
10/3/2014	14:40	Cloudy	69.2	73.5	63.0	69	69	75
20/3/2014	9:09	Sunny	68.8	70.5	65.5	69	69	75
25/3/2014	8:09	Fine	67.1	68.5	65.0	69	67	75

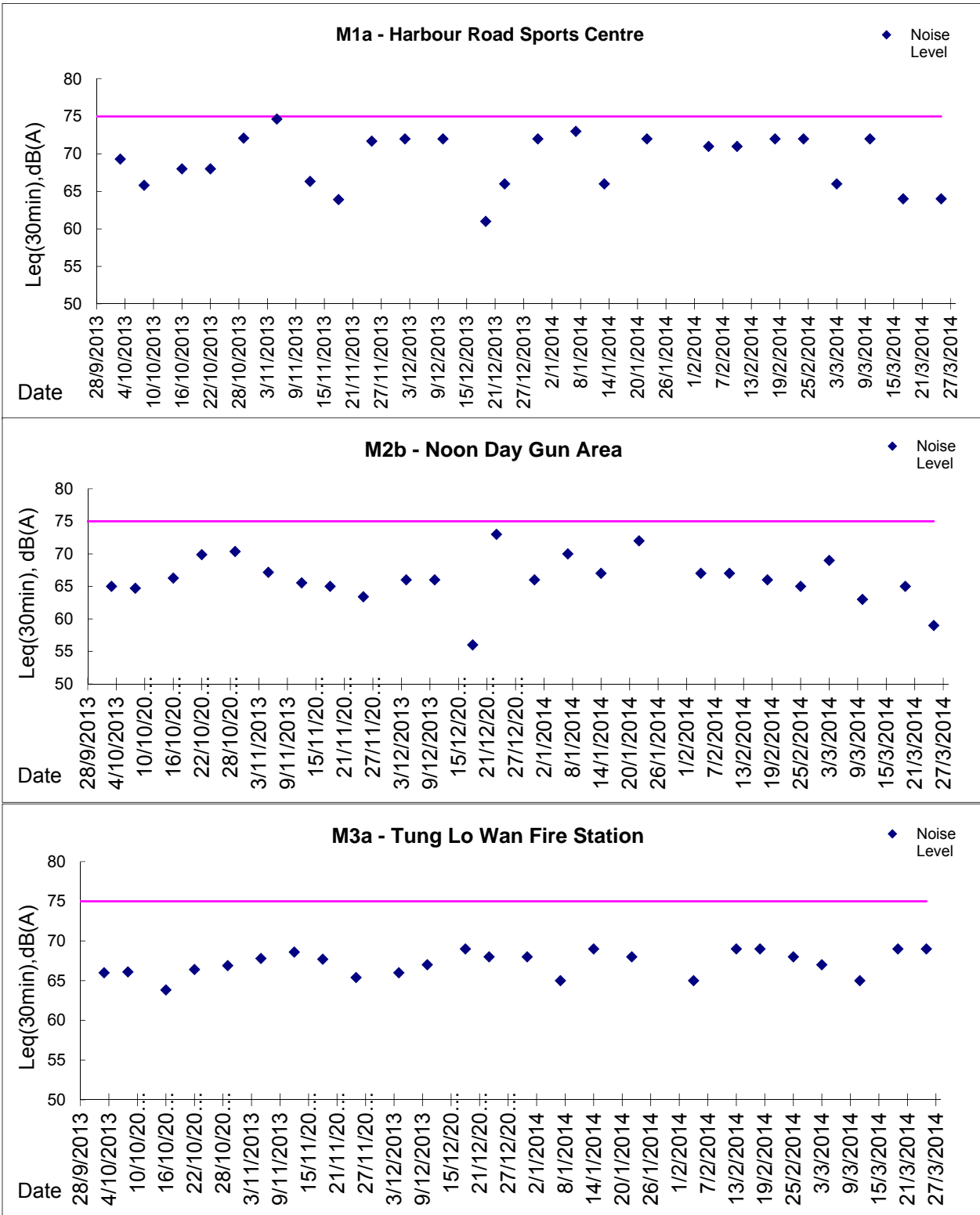
Location: M8 - City Hall

Date	Time	Weather	Measurement Noise Level			Baseline Level	Construction Noise Level	Limit Level
			Leq	L10	L90	Leq	Leq	Leq
Unit: dB(A), (30-min)								
4/3/2014	10:49	Fine	61.5	63.0	58.5	64	62	70
10/3/2014	13:25	Cloudy	61.1	63.5	57.0	64	61	70
17/3/2014	15:05	Cloudy	67.1	68.0	56.5	64	64	70
25/3/2014	9:40	Fine	59.6	61.5	56.5	64	60	70



Graphic Presentation of Noise Monitoring Result

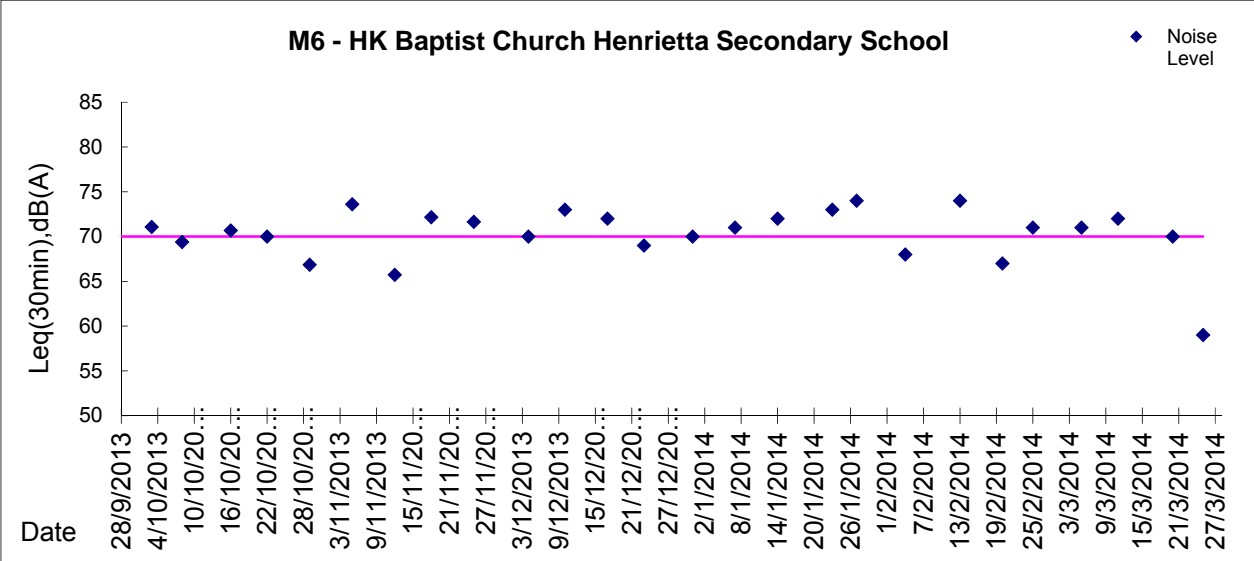
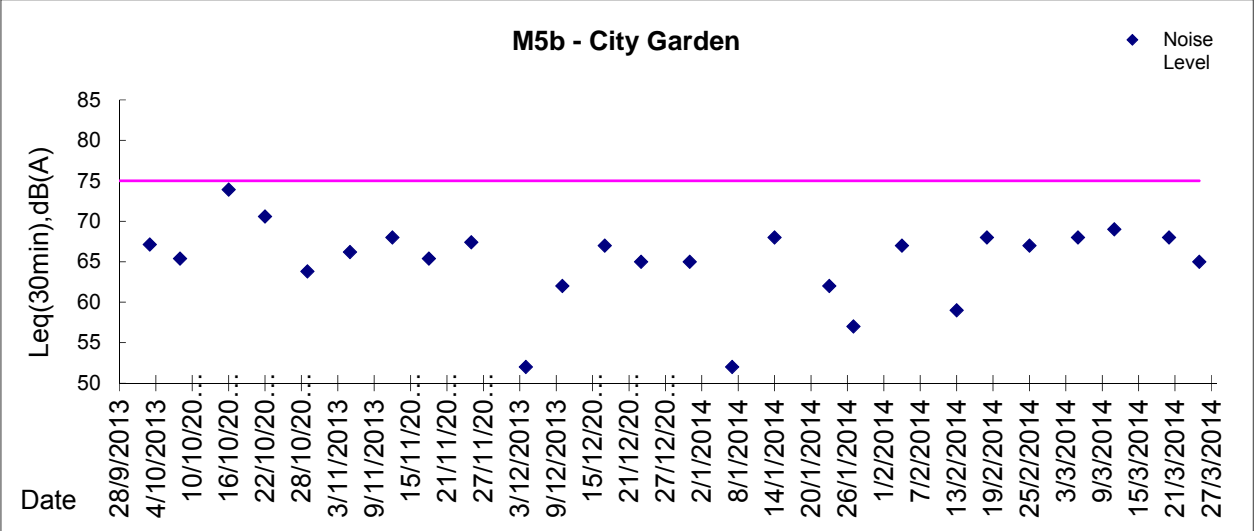
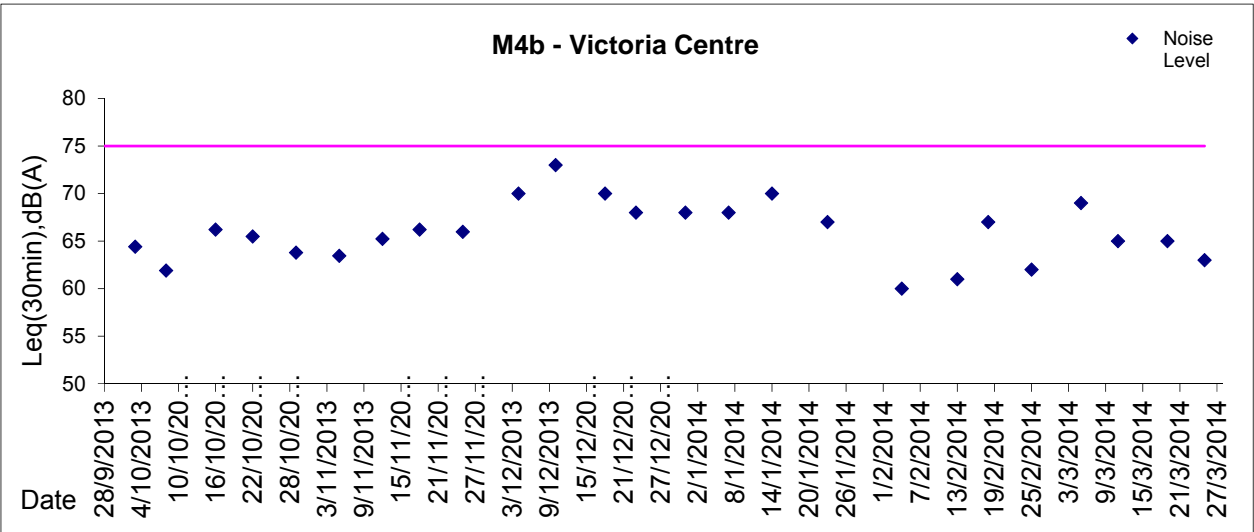
Day Time (0700 - 1900hrs on normal weekdays)





Graphic Presentation of Noise Monitoring Result

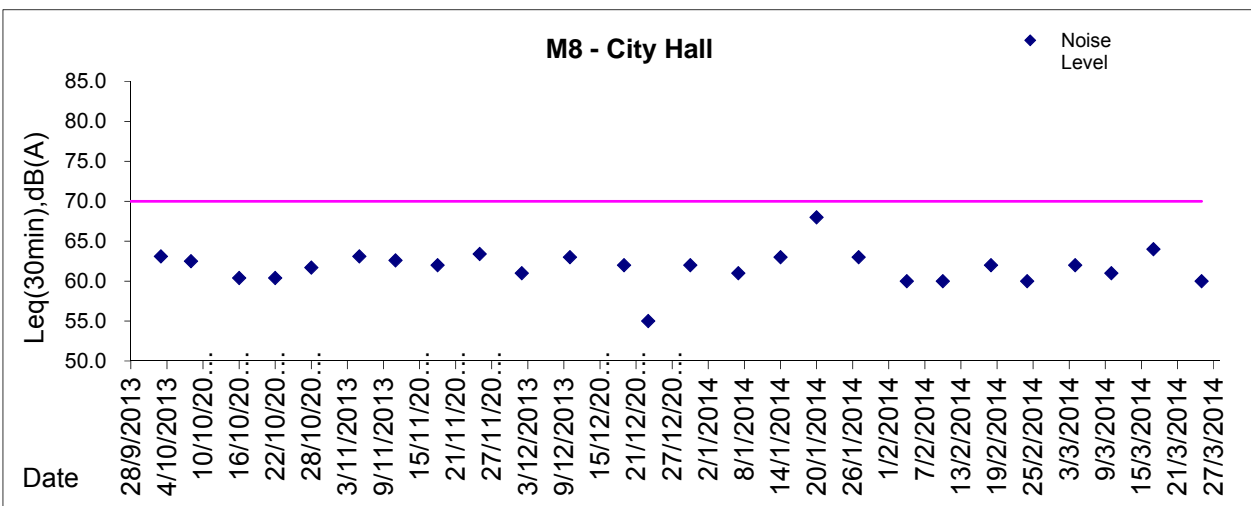
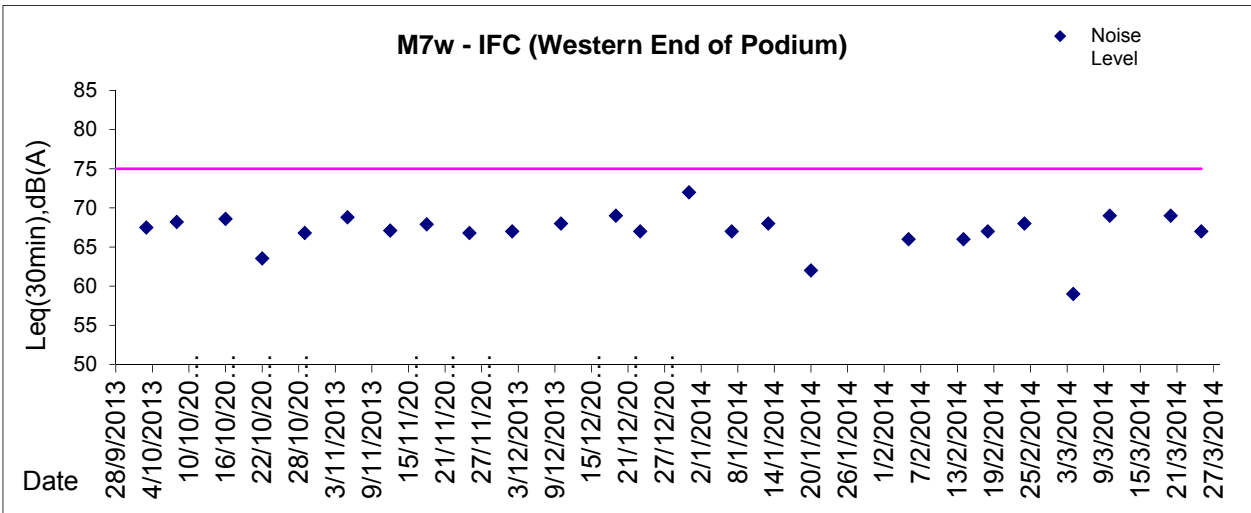
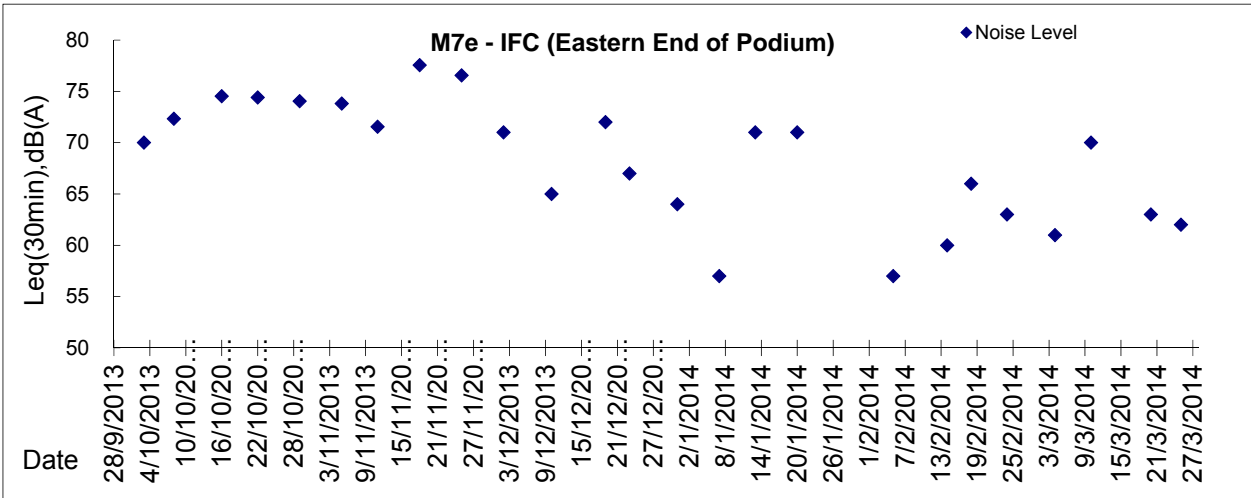
Day Time (0700 - 1900hrs on normal weekdays)





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		
5-Mar-14	8:00	Cloudy	007999	2.8497	3.0297	4245.77	4269.77	24.00	1.35	1.35	1.35	1946	92
11-Mar-14	8:00	Cloudy	008014	2.8520	3.0856	4272.77	4296.77	24.00	1.35	1.35	1.35	1944	120
17-Mar-14	8:00	Cloudy	008121	2.8295	2.9905	4299.77	4323.77	24.00	1.40	1.39	1.39	2008	80
22-Mar-14	8:00	Fine	007960	2.8474	3.0047	4326.77	4350.77	24.00	1.40	1.39	1.40	2009	78

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		
6-Mar-14	8:03	Cloudy	008008	2.8492	2.8632	4269.77	4270.77	1.00	1.35	1.35	1.35	81	173
6-Mar-14	9:10	Cloudy	008010	2.8426	2.8561	4270.77	4271.77	1.00	1.43	1.43	1.43	86	158
6-Mar-14	10:30	Cloudy	008012	2.8556	2.8631	4271.77	4272.77	1.00	1.39	1.39	1.39	83	90
12-Mar-14	11:00	Cloudy	008000	2.8568	2.8782	4296.77	4297.77	1.00	1.35	1.35	1.35	81	265
12-Mar-14	13:00	Cloudy	008002	2.8525	2.8693	4297.77	4298.77	1.00	1.38	1.38	1.38	83	202
12-Mar-14	14:08	Cloudy	008004	2.8492	2.8639	4298.77	4299.77	1.00	1.35	1.35	1.35	81	182
18-Mar-14	10:06	Cloudy	008197	2.8012	2.8067	4323.77	4324.77	1.00	1.38	1.38	1.38	83	67
18-Mar-14	13:09	Cloudy	008114	2.8328	2.8359	4324.77	4325.77	1.00	1.38	1.38	1.38	83	38
18-Mar-14	14:18	Cloudy	008280	2.8275	2.8299	4325.77	4326.77	1.00	1.38	1.38	1.38	83	29
24-Mar-14	9:50	Fine	008017	2.8431	2.8523	4350.77	4351.77	1.00	1.38	1.38	1.38	83	112
24-Mar-14	11:00	Fine	008018	2.8342	2.8403	4351.77	4352.77	1.00	1.38	1.38	1.38	83	74
24-Mar-14	13:30	Fine	008020	2.8304	2.8358	4352.77	4353.77	1.00	1.38	1.38	1.38	83	65

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		
5-Mar-14	8:00	Cloudy	007998	2.8506	3.0012	13956.22	13980.22	24.00	1.35	1.35	1.35	1945	77
11-Mar-14	8:00	Cloudy	008015	2.8487	2.9302	13983.22	14007.22	24.00	1.31	1.30	1.31	1883	43
17-Mar-14	8:00	Cloudy	008120	2.8281	2.9688	14010.22	14034.22	24.00	1.30	1.30	1.30	1877	75
22-Mar-14	8:00	Fine	007961	2.8439	3.0490	14037.22	14061.22	24.00	1.30	1.30	1.30	1878	109

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		
6-Mar-14	8:03	Cloudy	008009	2.8535	2.8660	13980.22	13981.22	1.00	1.39	1.39	1.39	84	150
6-Mar-14	9:05	Cloudy	008011	2.8496	2.8578	13981.22	13982.22	1.00	1.39	1.39	1.39	84	98
6-Mar-14	10:10	Cloudy	008013	2.8521	2.8592	13982.22	13983.22	1.00	1.39	1.39	1.39	84	85
12-Mar-14	11:00	Cloudy	008001	2.8551	2.8690	14007.22	14008.22	1.00	1.31	1.30	1.30	78	178
12-Mar-14	13:00	Cloudy	008003	2.8395	2.8528	14008.22	14009.22	1.00	1.31	1.30	1.30	78	170
12-Mar-14	14:10	Cloudy	008005	2.8583	2.8706	14009.22	14010.22	1.00	1.31	1.30	1.30	78	157
18-Mar-14	9:58	Cloudy	008196	2.8070	2.8175	14034.22	14035.22	1.00	1.38	1.38	1.38	83	127
18-Mar-14	13:02	Cloudy	008113	2.8322	2.8409	14035.22	14036.22	1.00	1.38	1.38	1.38	83	105
18-Mar-14	14:12	Cloudy	008117	2.8274	2.8340	14036.22	14037.22	1.00	1.38	1.38	1.38	83	80
24-Mar-14	9:50	Fine	008007	2.8395	2.8491	14061.22	14062.22	1.00	1.38	1.38	1.38	83	116
24-Mar-14	11:00	Fine	008019	2.8273	2.8325	14062.22	14063.22	1.00	1.38	1.38	1.38	83	63
24-Mar-14	13:30	Fine	008021	2.8406	2.8453	14063.22	14064.22	1.00	1.38	1.38	1.38	83	57



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		
5-Mar-14	8:00	Cloudy	008129	2.8198	3.0207	1357.87	1381.87	24.00	1.41	1.41	1.41	2025	99
11-Mar-14	8:00	Cloudy	007840	2.8495	3.0006	1384.87	1408.87	24.00	1.41	1.40	1.40	2023	75
17-Mar-14	8:00	Cloudy	008006	2.8448	3.0699	1411.86	1435.86	24.00	1.40	1.40	1.40	2017	112
22-Mar-14	8:00	Fine	008247	2.8285	3.0736	1438.86	1462.86	24.00	1.40	1.40	1.40	2019	121

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		
6-Mar-14	8:55	Cloudy	007837	2.8483	2.8549	1381.87	1382.87	1.00	1.41	1.41	1.41	84	78
6-Mar-14	9:58	Cloudy	007838	2.8485	2.8542	1382.87	1383.87	1.00	1.41	1.41	1.41	84	68
6-Mar-14	13:00	Cloudy	007839	2.8453	2.8515	1383.87	1384.87	1.00	1.41	1.41	1.41	84	73
12-Mar-14	9:50	Cloudy	007912	2.8329	2.8503	1408.87	1409.87	1.00	1.40	1.40	1.40	84	207
12-Mar-14	10:52	Cloudy	007958	2.8428	2.8578	1409.87	1410.87	1.00	1.40	1.40	1.40	84	178
12-Mar-14	14:20	Cloudy	008122	2.8334	2.8535	1410.87	1411.87	1.00	1.40	1.40	1.40	84	239
18-Mar-14	13:45	Cloudy	008244	2.8422	2.8466	1435.86	1436.86	1.00	1.40	1.40	1.40	84	52
18-Mar-14	15:15	Cloudy	008245	2.8300	2.8350	1436.86	1437.86	1.00	1.40	1.40	1.40	84	60
18-Mar-14	16:18	Cloudy	008281	2.8313	2.8353	1437.86	1438.86	1.00	1.40	1.40	1.40	84	48
24-Mar-14	13:30	Fine	008152	2.8157	2.8216	1462.86	1463.86	1.00	1.40	1.40	1.40	84	70
24-Mar-14	14:40	Fine	008154	2.8146	2.8190	1463.86	1464.86	1.00	1.40	1.40	1.40	84	52
24-Mar-14	15:45	Fine	008156	2.8178	2.8268	1464.86	1465.86	1.00	1.40	1.40	1.40	84	107



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		
5-Mar-14	8:00	Cloudy	005486	2.7919	2.9922	18159.00	18183.00	24.00	1.33	1.33	1.33	1912	105
11-Mar-14	8:00	Cloudy	005933	2.6341	2.8491	18186.00	18210.00	24.00	1.33	1.32	1.33	1909	113
17-Mar-14	8:00	Cloudy	008123	2.8348	3.0071	18213.00	18237.00	24.00	1.30	1.29	1.30	1867	92
22-Mar-14	8:00	Fine	006384	2.5892	2.7876	18240.01	18264.01	24.00	1.30	1.30	1.30	1868	106

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		
6-Mar-14	9:10	Cloudy	007841	2.8501	2.8554	18183.00	18184.00	1.00	1.33	1.33	1.33	80	67
6-Mar-14	10:30	Cloudy	006651	2.6688	2.6756	18184.00	18185.00	1.00	1.33	1.33	1.33	80	85
6-Mar-14	13:00	Cloudy	006652	2.6466	2.6540	18185.00	18186.00	1.00	1.33	1.33	1.33	80	93
12-Mar-14	9:30	Cloudy	007968	2.8710	2.8846	18210.00	18211.00	1.00	1.32	1.32	1.32	79	171
12-Mar-14	10:40	Cloudy	007957	2.8472	2.8591	18211.00	18212.00	1.00	1.32	1.32	1.32	79	150
12-Mar-14	13:00	Cloudy	007959	2.8523	2.8650	18212.11	18213.00	0.89	1.32	1.32	1.32	71	180
18-Mar-14	13:31	Cloudy	008119	2.8307	2.8376	18237.01	18238.01	1.00	1.29	1.29	1.29	78	89
18-Mar-14	15:06	Cloudy	008118	2.8338	2.8394	18238.01	18239.01	1.00	1.29	1.29	1.29	78	72
18-Mar-14	16:13	Cloudy	008282	2.8310	2.8346	18239.01	18240.01	1.00	1.29	1.29	1.29	78	46
24-Mar-14	13:00	Fine	008151	2.8277	2.8336	18264.01	18265.01	1.00	1.29	1.29	1.29	78	76
24-Mar-14	14:20	Fine	008153	2.8172	2.8219	18265.01	18266.01	1.00	1.29	1.29	1.29	78	61
24-Mar-14	15:25	Fine	008155	2.8171	2.8230	18266.01	18267.01	1.00	1.29	1.29	1.29	78	76

Location: CMA5a - Children Garden opposite to 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		
5-Mar-14	8:00	Cloudy	008070	2.8423	3.0665	19162.16	19186.16	24.00	1.40	1.40	1.40	2022	111
11-Mar-14	8:00	Cloudy	008108	2.8189	3.0028	19189.18	19213.18	24.00	1.33	1.33	1.33	1916	96
17-Mar-14	8:00	Cloudy	008237	2.8418	3.0001	19216.17	19240.17	24.00	1.34	1.34	1.34	1933	82
22-Mar-14	8:00	Fine	008274	2.8276	2.9311	19244.18	19268.18	24.00	1.34	1.34	1.34	1934	54

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		
6-Mar-14	9:07	Cloudy	008102	2.8132	2.8197	19186.16	19187.16	1.00	1.37	1.37	1.37	82	79
6-Mar-14	10:10	Cloudy	008105	2.8275	2.8321	19187.16	19188.16	1.00	1.33	1.33	1.33	80	58
6-Mar-14	13:00	Cloudy	008130	2.8213	2.8286	19188.16	19189.16	1.00	1.40	1.40	1.40	84	87
12-Mar-14	9:25	Cloudy	008127	2.8252	2.8364	19213.18	19214.18	1.00	1.33	1.33	1.33	80	141
12-Mar-14	13:00	Cloudy	008126	2.8219	2.8339	19214.18	19215.18	1.00	1.36	1.36	1.36	82	147
12-Mar-14	15:00	Cloudy	008185	2.8101	2.8236	19215.18	19216.18	1.00	1.36	1.36	1.36	82	165
18-Mar-14	9:11	Cloudy	008194	2.8082	2.8196	19240.17	19241.17	1.00	1.34	1.34	1.34	80	142
18-Mar-14	10:20	Cloudy	008271	2.8292	2.8339	19241.17	19242.17	1.00	1.34	1.34	1.34	80	58
18-Mar-14	13:15	Cloudy	008278	2.8314	2.8335	19242.17	19243.17	1.00	1.34	1.34	1.34	80	26
24-Mar-14	8:23	Fine	008071	2.8365	2.8476	19268.18	19269.18	1.00	1.34	1.34	1.34	80	138
24-Mar-14	9:28	Fine	008148	2.8231	2.8308	19269.18	19270.18	1.00	1.34	1.34	1.34	80	96
24-Mar-14	10:45	Fine	007963	2.8648	2.8688	19270.18	19271.18	1.00	1.34	1.34	1.34	80	50



Location: MA1e - International Finance Centre (Eastern Wing)

Report on 24-hour TSP monitoring
Action Level ($\mu\text{g}/\text{m}^3$) - 173.4
Limit Level ($\mu\text{g}/\text{m}^3$) - 260

Date	Sampling Time	Weather Condition	Filter paper no.	Filter Weight, g		Elapse Time, hr		Sampling Time, hr	Flow Rate, m^3/min			Total Volume, m^3	TSP Level, $\mu\text{g}/\text{m}^3$
				Initial	Final	Initial	Final		Initial, Q_{si}	Final, Q_{sf}	Average		
5-Mar-14	8:00	Cloudy	008065	2.8541	2.9659	14865.84	14889.84	24.00	1.31	1.31	1.31	1881	59
11-Mar-14	8:00	Cloudy	008040	2.8199	2.9623	14892.84	14916.84	24.00	1.31	1.30	1.30	1879	76
17-Mar-14	8:00	Cloudy	008187	2.8236	2.9905	14919.87	14943.87	24.00	1.35	1.34	1.35	1939	86
22-Mar-14	8:00	Fine	008072	2.8167	2.9814	14946.87	14970.87	24.00	1.35	1.35	1.35	1940	85

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		
6-Mar-14	8:24	Cloudy	008068	2.8360	2.8444	14889.84	14890.84	1.00	1.31	1.31	1.31	78	107
6-Mar-14	9:34	Cloudy	008067	2.8516	2.8590	14890.84	14891.84	1.00	1.31	1.31	1.31	78	94
6-Mar-14	10:47	Cloudy	008047	2.8261	2.8289	14891.84	14892.84	1.00	1.31	1.31	1.31	78	36
12-Mar-14	8:44	Cloudy	008198	2.8158	2.8316	14916.84	14917.84	1.00	1.30	1.30	1.30	78	202
12-Mar-14	9:50	Cloudy	008179	2.8218	2.8320	14917.84	14918.84	1.00	1.30	1.30	1.30	78	131
12-Mar-14	11:00	Cloudy	008181	2.8178	2.8264	14918.84	14919.84	1.00	1.30	1.30	1.30	78	110
18-Mar-14	8:11	Cloudy	008083	2.8348	2.8400	14943.87	14944.87	1.00	1.31	1.33	1.32	79	66
18-Mar-14	9:18	Cloudy	008082	2.8341	2.8379	14944.87	14945.87	1.00	1.33	1.33	1.33	80	48
18-Mar-14	10:23	Cloudy	008081	2.8246	2.8296	14945.87	14946.87	1.00	1.36	1.36	1.36	82	61
24-Mar-14	9:20	Fine	008250	2.8251	2.8286	14970.87	14971.87	1.00	1.31	1.33	1.32	79	44
24-Mar-14	10:27	Fine	008253	2.8344	2.8379	14971.87	14972.87	1.00	1.33	1.33	1.33	80	44
24-Mar-14	13:00	Fine	008285	2.8360	2.8409	14972.87	14973.87	1.00	1.36	1.36	1.36	82	60



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		
5-Mar-14	8:00	Cloudy	008133	2.8179	3.0301	14914.93	14938.93	24.00	1.40	1.40	1.40	2015	105
13-Mar-14	16:30	Cloudy	008190	2.8075	3.0720	14944.39	14968.39	24.00	1.36	1.36	1.36	1951	136
18-Mar-14	11:35	Cloudy	008073	2.8227	2.9757	14971.39	14995.39	24.00	1.33	1.33	1.33	1920	80
22-Mar-14	8:00	Fine	008248	2.8231	3.0001	14995.39	15019.39	24.00	1.34	1.34	1.34	1926	92

Due to electricity interruption the 24hr TSP monitoring was rescheduled from 11 March 2014 and 17 March 2014 to 13 March 2014 and 18 March 2014 respectively.

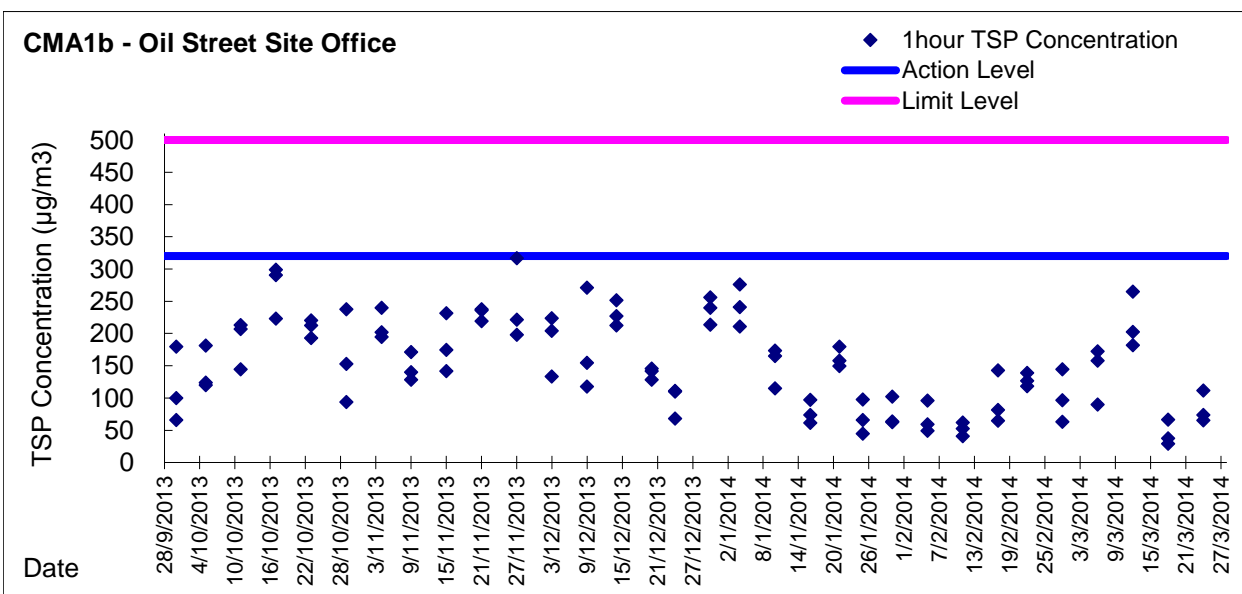
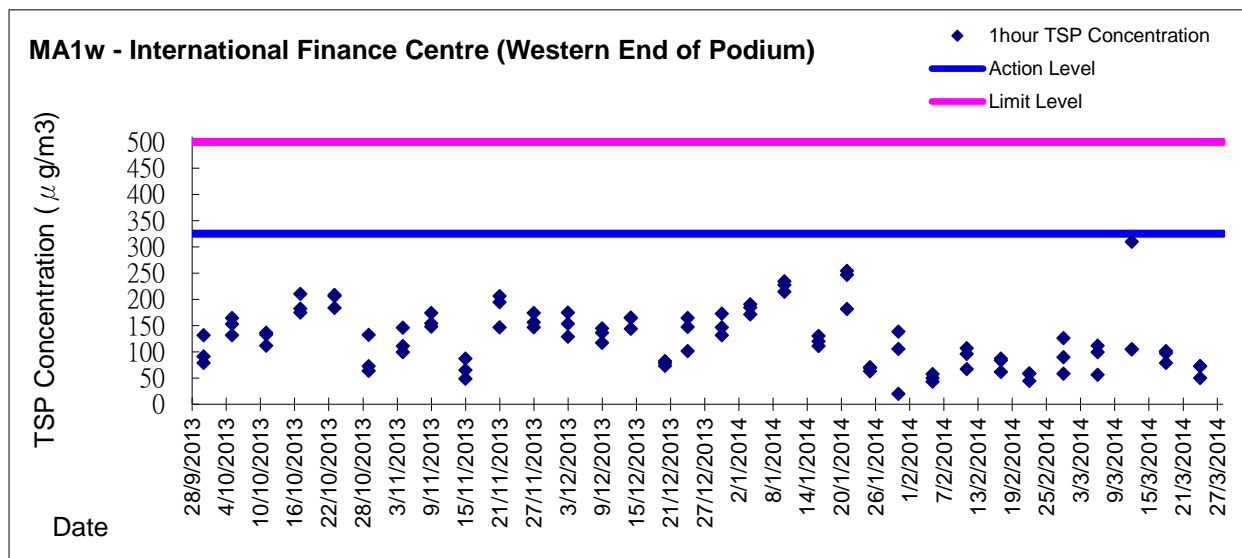
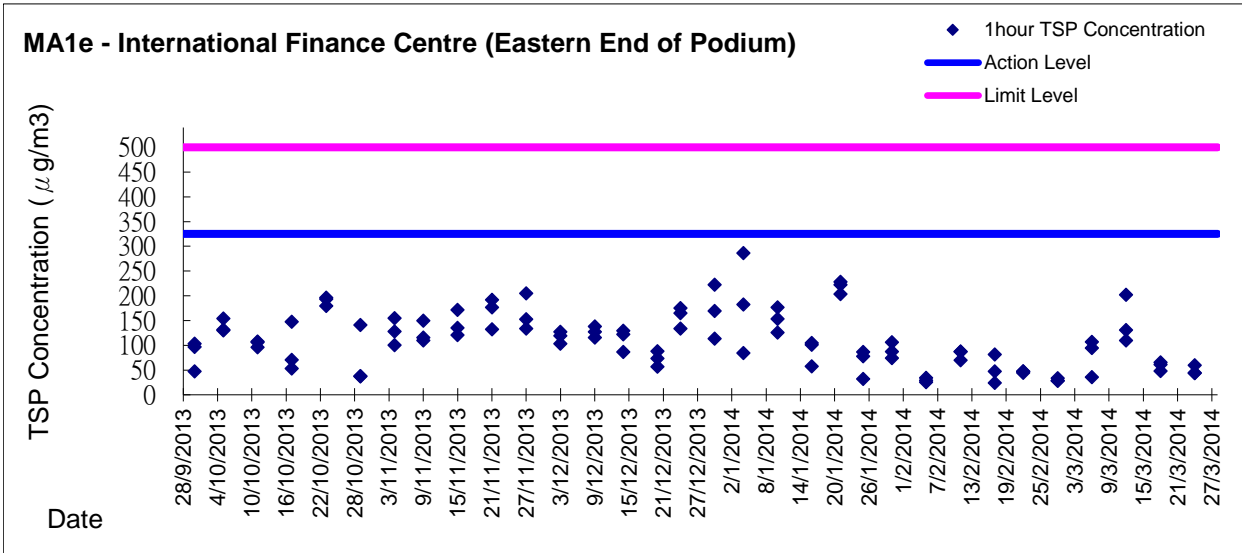
Report on 1-hour TSP monitoring

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

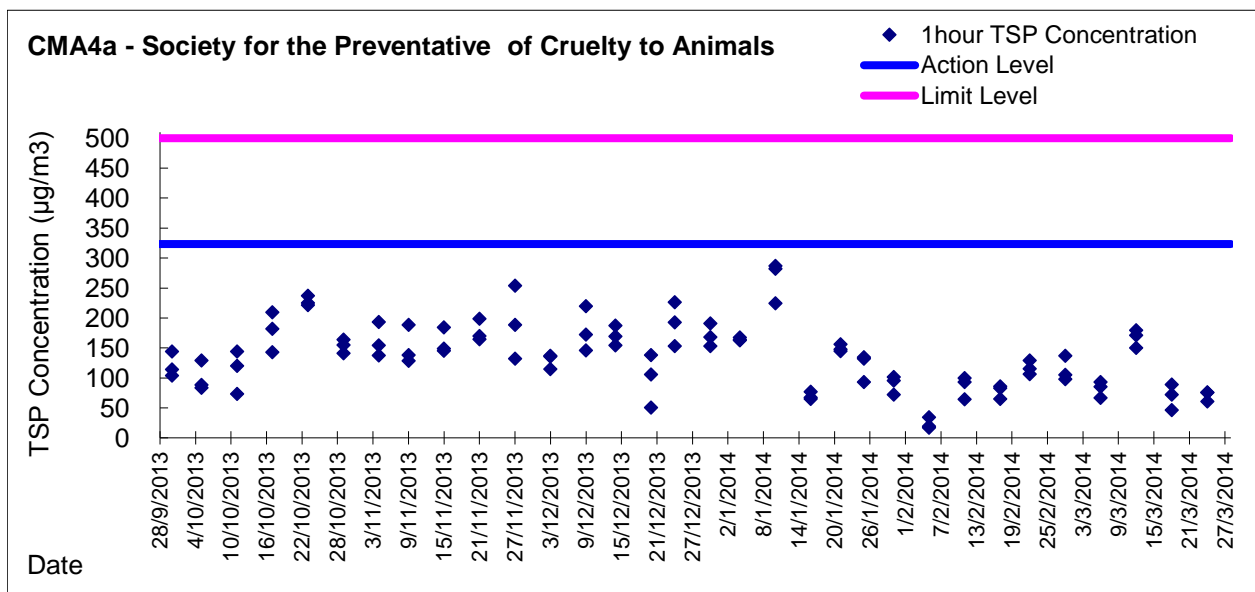
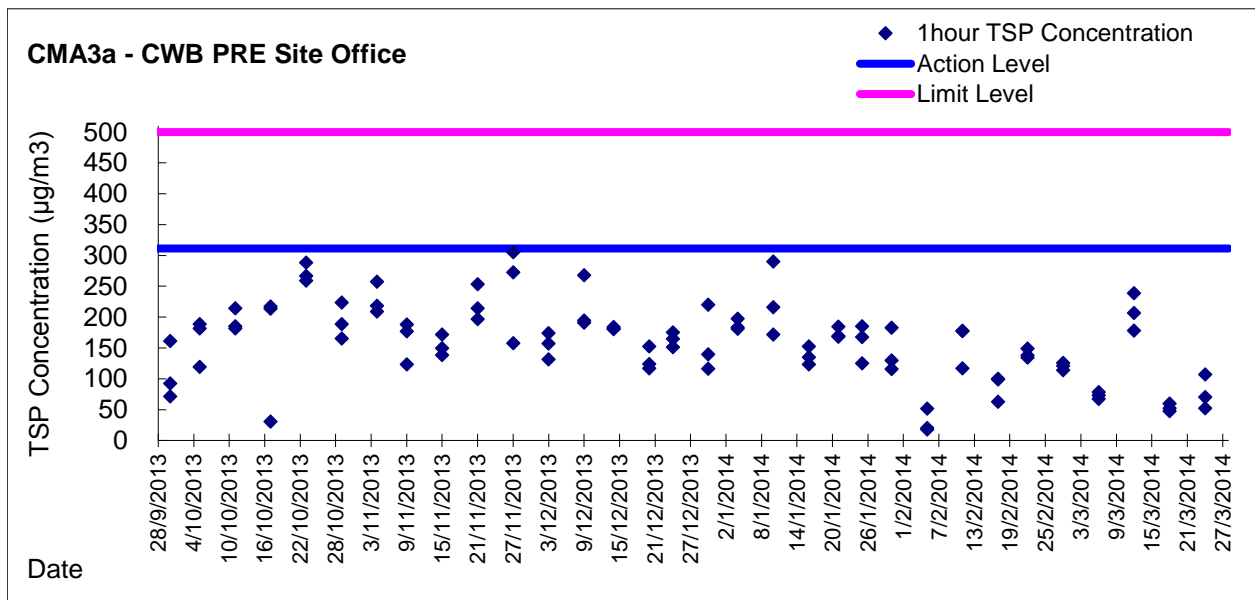
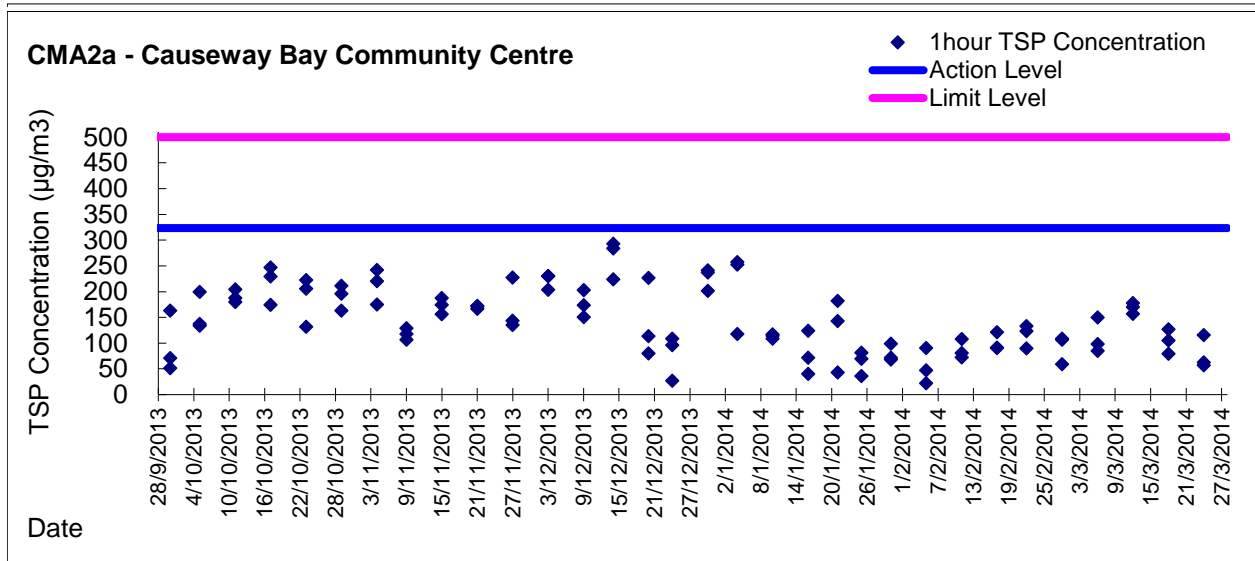
Date	Sampling Time	Weather Condition	Filter paper no.	Filter Weight, g		Elapse Time, hr		Sampling Time, hr	Flow Rate, m^3/min			Total Volume, m^3	TSP Level, $\mu\text{g}/\text{m}^3$
				Initial	Final	Initial	Final		Initial, Q_{si}	Final, Q_{sf}	Average		
6-Mar-14	8:32	Cloudy	008046	2.8072	2.8166	14938.93	14939.93	1.00	1.40	1.40	1.40	84	112
6-Mar-14	9:39	Cloudy	008045	2.8151	2.8230	14939.93	14940.93	1.00	1.32	1.32	1.32	79	100
6-Mar-14	10:52	Cloudy	008044	2.8177	2.8224	14940.93	14941.93	1.00	1.40	1.40	1.40	84	56
13-Mar-14	13:00	Cloudy	008039	2.8254	2.8506	14941.38	14942.38	1.00	1.36	1.36	1.36	81	310
13-Mar-14	14:10	Cloudy	008188	2.8196	2.8281	14942.38	14943.38	1.00	1.36	1.36	1.36	81	105
13-Mar-14	15:20	Cloudy	008189	2.8122	2.8207	14943.38	14944.38	1.00	1.36	1.36	1.36	81	105
18-Mar-14	8:16	Cloudy	008080	2.8313	2.8394	14968.39	14969.39	1.00	1.33	1.33	1.33	80	101
18-Mar-14	9:22	Cloudy	008079	2.8409	2.8472	14969.39	14970.39	1.00	1.33	1.33	1.33	80	79
18-Mar-14	10:29	Cloudy	008078	2.8364	2.8442	14970.39	14971.39	1.00	1.33	1.33	1.33	80	97
24-Mar-14	9:30	Fine	008251	2.8337	2.8395	15019.39	15020.39	1.00	1.33	1.33	1.33	80	72
24-Mar-14	10:35	Fine	008283	2.8342	2.8400	15020.39	15021.39	1.00	1.33	1.33	1.33	80	72
24-Mar-14	13:00	Fine	008286	2.8420	2.8460	15021.39	15022.39	1.00	1.33	1.33	1.33	80	50

Due to electricity interruption, the 1hr TSP monitoring was rescheduled from 12 March 2014 to 13 March 2014.

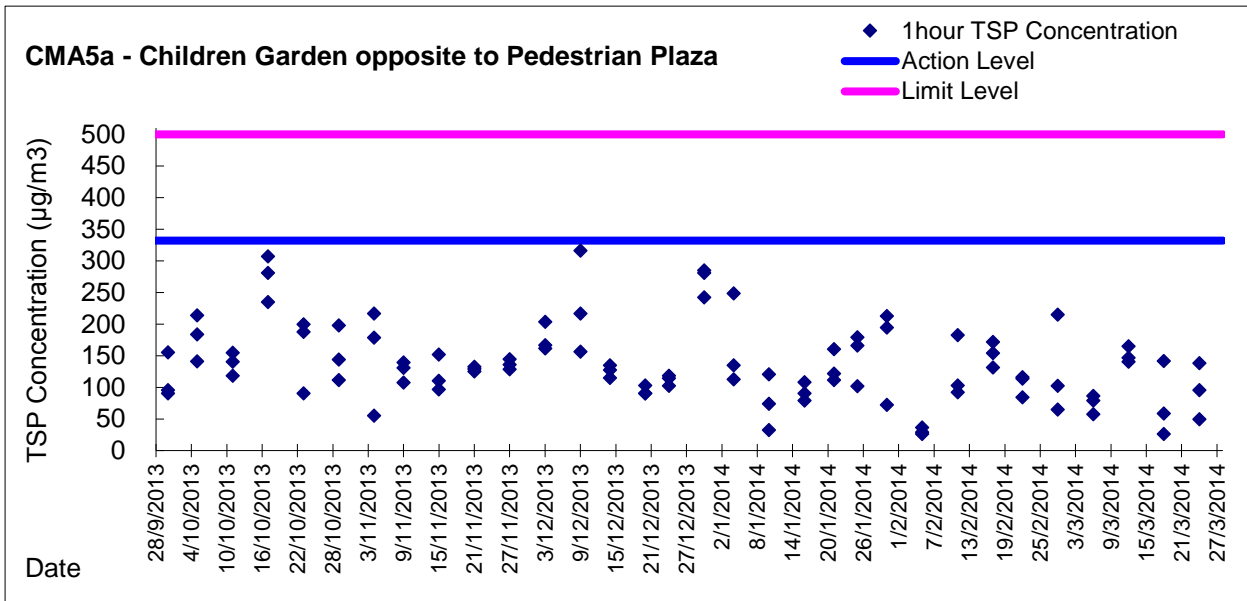
Graphic Presentation of 1 hour TSP Result



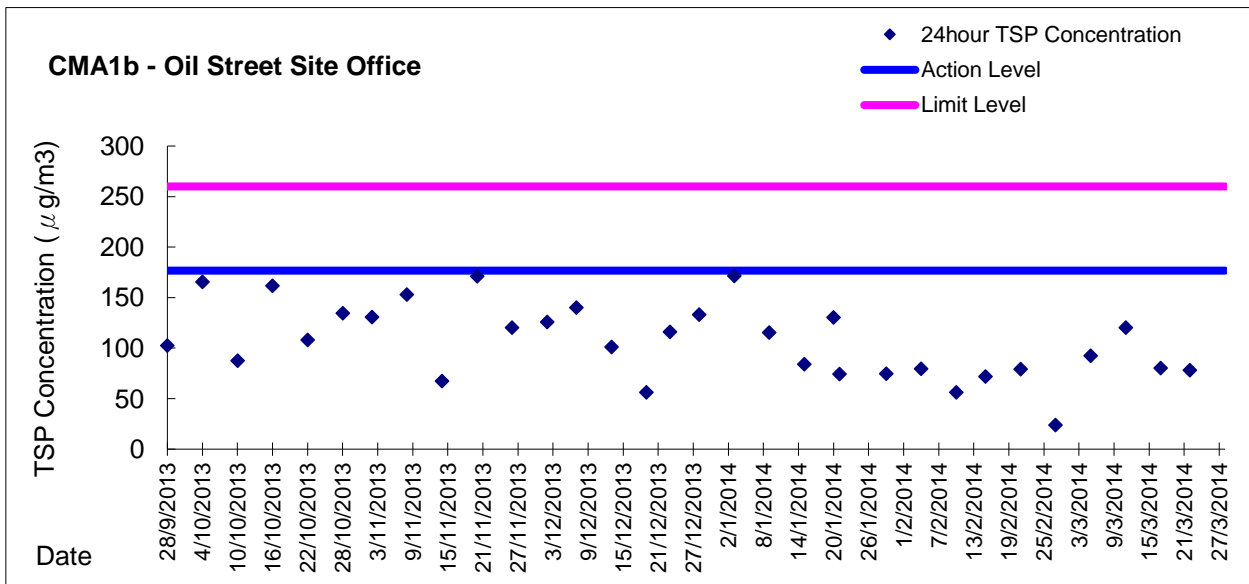
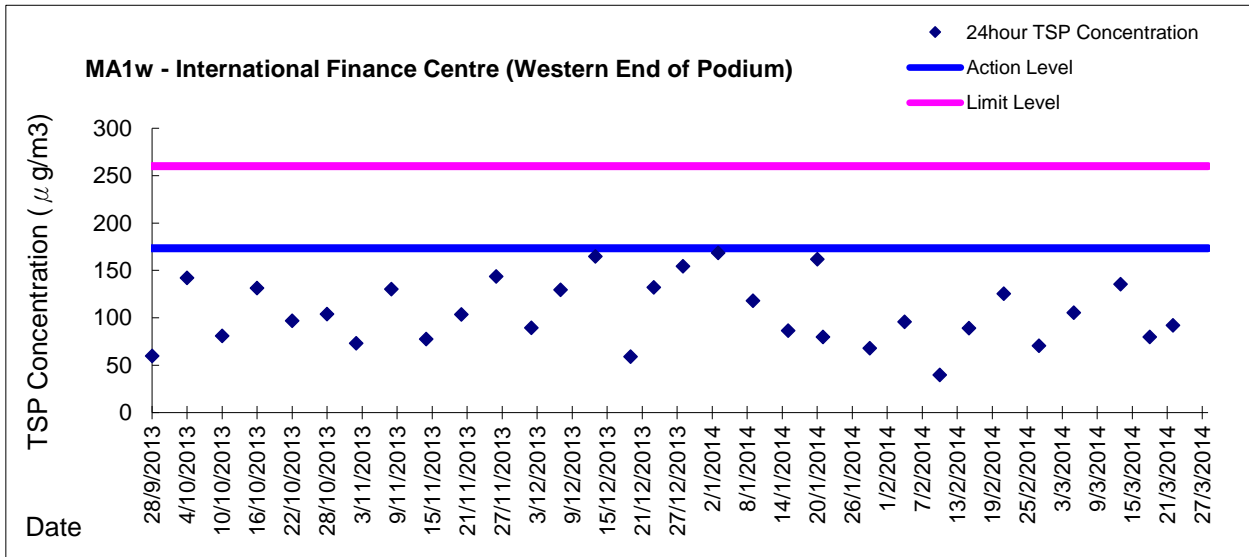
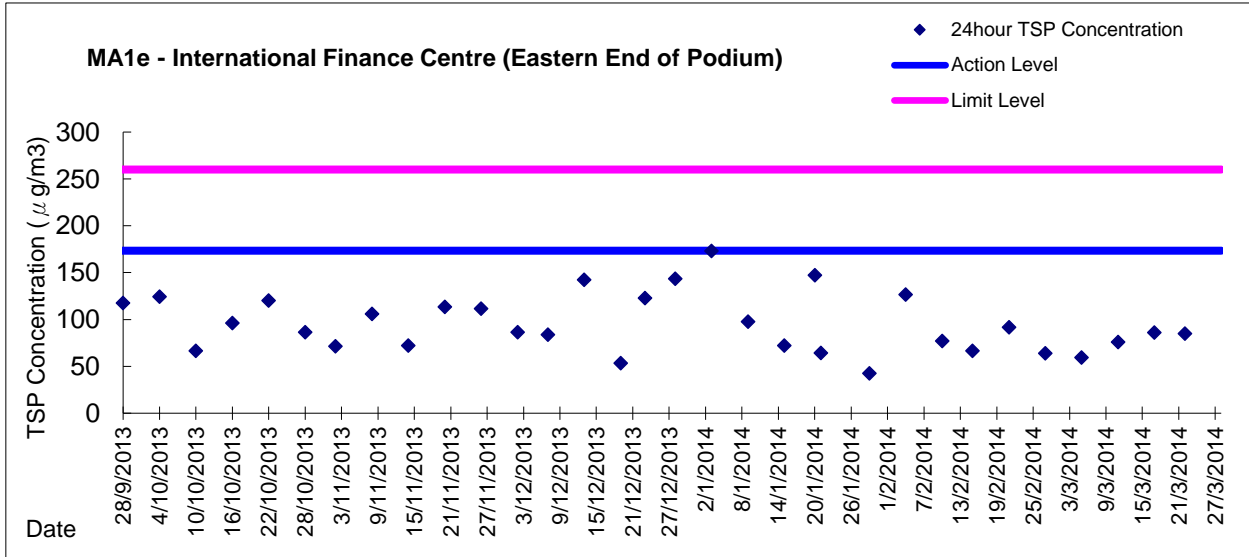
Graphic Presentation of 1 hour TSP Result



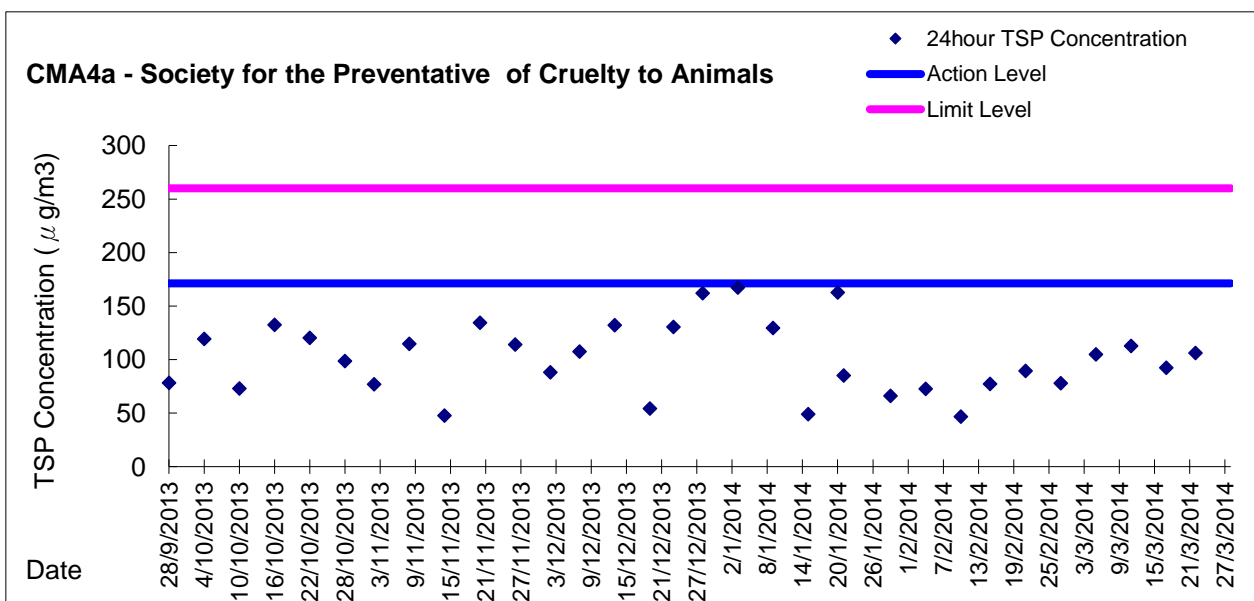
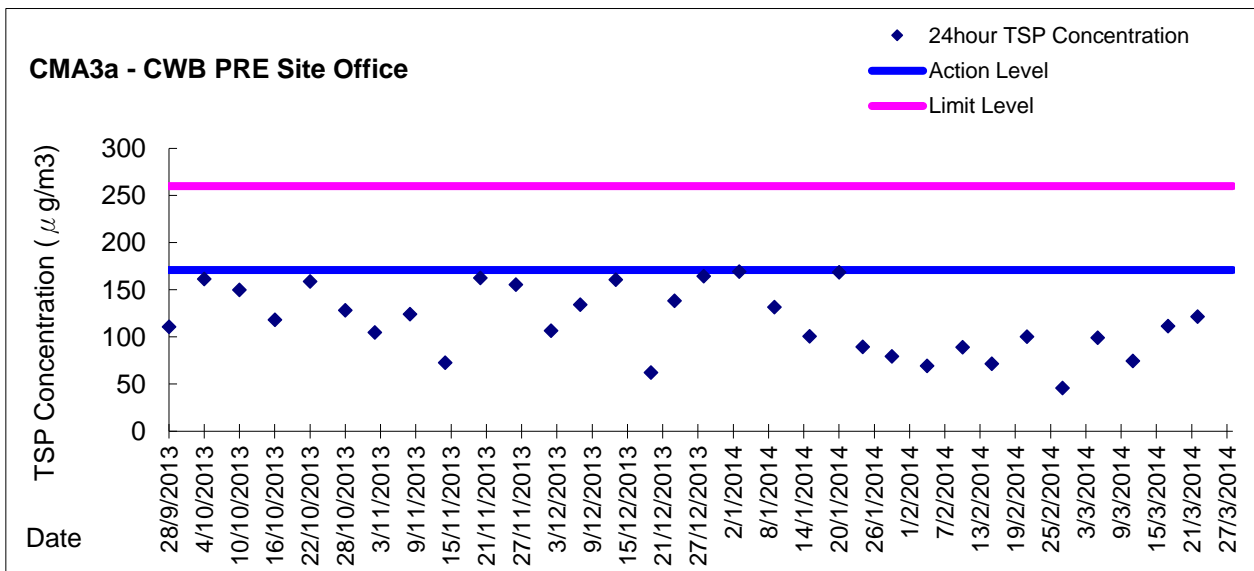
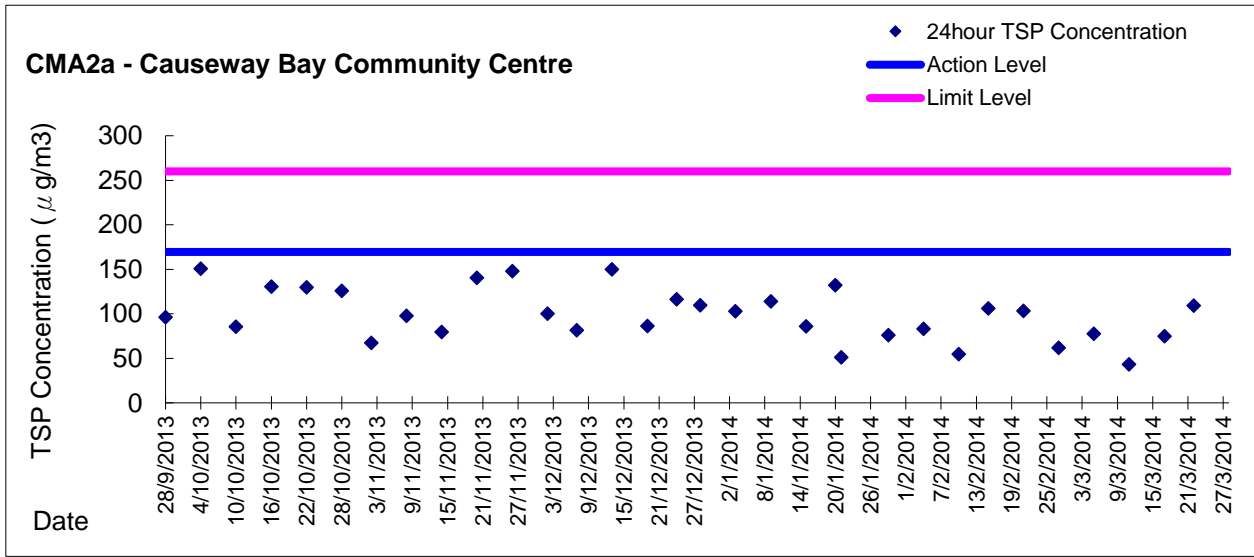
Graphic Presentation of 1 hour TSP Result



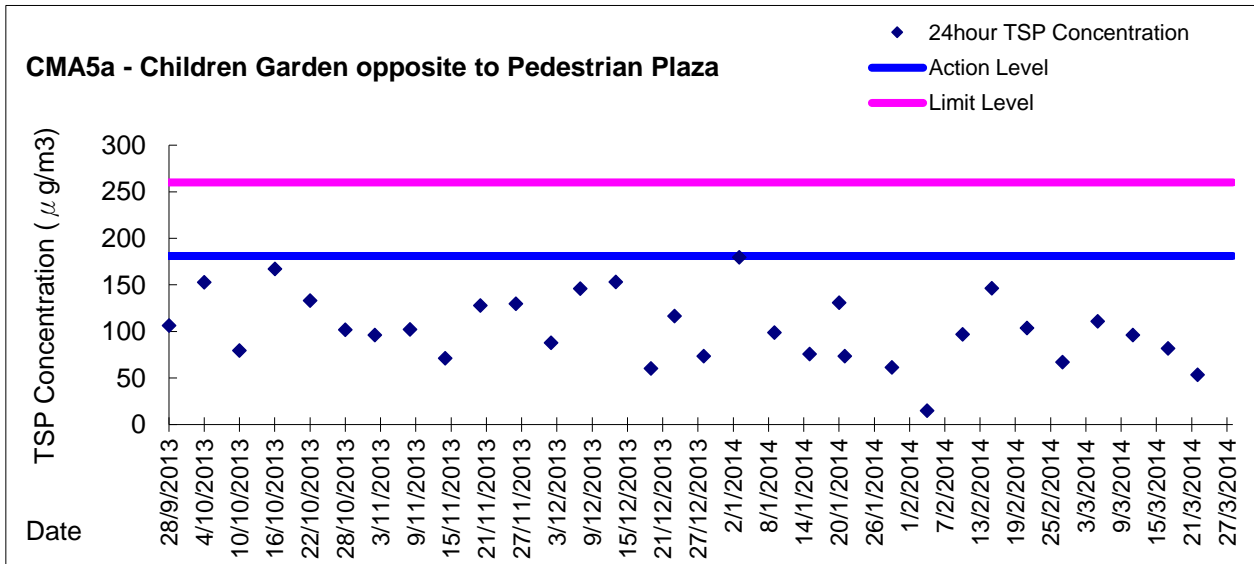
Graphic Presentation of 24 hour TSP Result



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

RTN2a (Hong Kong Electric Centre)

Table with columns for date and time (e.g., 19/3/2014 21:51), noise level (e.g., 63.0), and a second set of data for RTN2a (e.g., 21/3/2014 22:56, 62.9). The table is organized in 5 columns of 15 rows each.

Night time: 23:00-07:00

Real-time Noise Data		RTN2a (Hong Kong Electric Centre)									
7/3/2014 23:36	64.7	9/3/2014 0:41	62.6	10/3/2014 1:46	59.9	11/3/2014 2:51	58.0	12/3/2014 3:56	55.9	13/3/2014 5:01	59.0
7/3/2014 23:41	64.7	9/3/2014 0:46	62.7	10/3/2014 1:51	59.1	11/3/2014 2:56	57.4	12/3/2014 4:01	52.9	13/3/2014 5:06	59.2
7/3/2014 23:46	64.8	9/3/2014 0:51	62.0	10/3/2014 1:56	57.5	11/3/2014 3:01	58.6	12/3/2014 4:06	55.3	13/3/2014 5:11	58.7
7/3/2014 23:51	64.2	9/3/2014 0:56	62.5	10/3/2014 2:01	55.8	11/3/2014 3:06	58.5	12/3/2014 4:11	53.6	13/3/2014 5:16	61.9
7/3/2014 23:56	65.7	9/3/2014 1:01	61.8	10/3/2014 2:06	55.7	11/3/2014 3:11	55.4	12/3/2014 4:16	62.2	13/3/2014 5:21	57.6
8/3/2014 0:01	64.7	9/3/2014 1:06	61.4	10/3/2014 2:11	56.0	11/3/2014 3:16	53.4	12/3/2014 4:21	60.2	13/3/2014 5:26	59.2
8/3/2014 0:06	64.4	9/3/2014 1:11	62.0	10/3/2014 2:16	55.9	11/3/2014 3:21	56.2	12/3/2014 4:26	53.2	13/3/2014 5:31	58.3
8/3/2014 0:11	64.5	9/3/2014 1:16	61.9	10/3/2014 2:21	57.5	11/3/2014 3:26	52.4	12/3/2014 4:31	55.4	13/3/2014 5:36	58.8
8/3/2014 0:16	64.4	9/3/2014 1:21	62.4	10/3/2014 2:26	57.0	11/3/2014 3:31	52.2	12/3/2014 4:36	52.8	13/3/2014 5:41	58.1
8/3/2014 0:21	64.2	9/3/2014 1:26	61.7	10/3/2014 2:31	57.3	11/3/2014 3:36	56.8	12/3/2014 4:41	54.0	13/3/2014 5:46	59.2
8/3/2014 0:26	64.3	9/3/2014 1:31	60.6	10/3/2014 2:36	58.9	11/3/2014 3:41	55.2	12/3/2014 4:46	60.7	13/3/2014 5:51	59.5
8/3/2014 0:31	64.4	9/3/2014 1:36	62.2	10/3/2014 2:41	58.1	11/3/2014 3:46	55.9	12/3/2014 4:51	59.5	13/3/2014 5:56	59.5
8/3/2014 0:36	64.0	9/3/2014 1:41	61.8	10/3/2014 2:46	57.0	11/3/2014 3:51	58.7	12/3/2014 4:56	61.7	13/3/2014 6:01	60.0
8/3/2014 0:41	63.5	9/3/2014 1:46	60.9	10/3/2014 2:51	58.3	11/3/2014 3:56	57.1	12/3/2014 5:01	62.4	13/3/2014 6:06	60.8
8/3/2014 0:46	63.0	9/3/2014 1:51	61.4	10/3/2014 2:56	57.5	11/3/2014 4:01	57.8	12/3/2014 5:06	63.2	13/3/2014 6:11	60.5
8/3/2014 0:51	63.2	9/3/2014 1:56	61.0	10/3/2014 3:01	54.8	11/3/2014 4:06	56.4	12/3/2014 5:11	60.0	13/3/2014 6:16	60.9
8/3/2014 0:56	62.2	9/3/2014 2:01	61.6	10/3/2014 3:06	49.8	11/3/2014 4:11	55.9	12/3/2014 5:16	62.8	13/3/2014 6:21	61.7
8/3/2014 1:01	62.7	9/3/2014 2:06	60.6	10/3/2014 3:11	51.8	11/3/2014 4:16	56.5	12/3/2014 5:21	60.3	13/3/2014 6:26	61.9
8/3/2014 1:06	62.6	9/3/2014 2:11	61.5	10/3/2014 3:16	51.7	11/3/2014 4:21	53.4	12/3/2014 5:26	62.5	13/3/2014 6:31	62.1
8/3/2014 1:11	62.0	9/3/2014 2:16	60.3	10/3/2014 3:21	53.1	11/3/2014 4:26	54.7	12/3/2014 5:31	56.8	13/3/2014 6:36	62.9
8/3/2014 1:16	62.5	9/3/2014 2:21	61.0	10/3/2014 3:26	57.8	11/3/2014 4:31	52.4	12/3/2014 5:36	57.0	13/3/2014 6:41	62.8
8/3/2014 1:21	61.9	9/3/2014 2:26	61.2	10/3/2014 3:31	53.4	11/3/2014 4:36	52.2	12/3/2014 5:41	56.3	13/3/2014 6:46	63.6
8/3/2014 1:26	62.7	9/3/2014 2:31	61.1	10/3/2014 3:36	52.9	11/3/2014 4:41	53.0	12/3/2014 5:46	57.7	13/3/2014 6:51	64.2
8/3/2014 1:31	62.4	9/3/2014 2:36	61.3	10/3/2014 3:41	56.2	11/3/2014 4:46	53.9	12/3/2014 5:51	58.5	13/3/2014 6:56	64.4
8/3/2014 1:36	62.5	9/3/2014 2:41	60.3	10/3/2014 3:46	55.2	11/3/2014 4:51	51.2	12/3/2014 5:56	61.0	13/3/2014 23:01	64.5
8/3/2014 1:41	63.2	9/3/2014 2:46	60.3	10/3/2014 3:51	56.9	11/3/2014 4:56	57.3	12/3/2014 6:01	61.1	13/3/2014 23:06	64.7
8/3/2014 1:46	61.9	9/3/2014 2:51	60.4	10/3/2014 3:56	54.9	11/3/2014 5:01	57.3	12/3/2014 6:06	61.7	13/3/2014 23:11	64.1
8/3/2014 1:51	62.9	9/3/2014 2:56	59.7	10/3/2014 4:01	55.5	11/3/2014 5:06	58.7	12/3/2014 6:11	59.7	13/3/2014 23:16	64.2
8/3/2014 1:56	62.4	9/3/2014 3:01	59.5	10/3/2014 4:06	56.5	11/3/2014 5:11	59.8	12/3/2014 6:16	60.6	13/3/2014 23:21	64.3
8/3/2014 2:01	60.8	9/3/2014 3:06	59.8	10/3/2014 4:11	50.7	11/3/2014 5:16	57.0	12/3/2014 6:21	60.9	13/3/2014 23:26	63.9
8/3/2014 2:06	61.3	9/3/2014 3:11	58.7	10/3/2014 4:16	53.2	11/3/2014 5:21	58.5	12/3/2014 6:26	61.8	13/3/2014 23:31	63.8
8/3/2014 2:11	61.4	9/3/2014 3:16	59.5	10/3/2014 4:21	49.0	11/3/2014 5:26	61.7	12/3/2014 6:31	62.2	13/3/2014 23:36	67.1
8/3/2014 2:16	61.6	9/3/2014 3:21	58.8	10/3/2014 4:26	50.8	11/3/2014 5:31	57.3	12/3/2014 6:36	62.0	13/3/2014 23:41	63.7
8/3/2014 2:21	61.5	9/3/2014 3:26	58.7	10/3/2014 4:31	58.3	11/3/2014 5:36	57.2	12/3/2014 6:41	64.6	13/3/2014 23:46	64.9
8/3/2014 2:26	61.4	9/3/2014 3:31	58.2	10/3/2014 4:36	51.4	11/3/2014 5:41	57.8	12/3/2014 6:46	64.0	13/3/2014 23:51	63.8
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8/3/2014 2:36	61.6	9/3/2014 3:41	58.9	10/3/2014 4:46	53.8	11/3/2014 5:51	58.0	12/3/2014 6:56	63.7	14/3/2014 0:01	63.5
8/3/2014 2:41	60.8	9/3/2014 3:46	58.8	10/3/2014 4:51	56.1	11/3/2014 5:56	56.2	12/3/2014 7:01	64.3	14/3/2014 0:06	63.7
8/3/2014 2:46	60.9	9/3/2014 3:51	59.5	10/3/2014 4:56	58.0	11/3/2014 6:01	58.0	12/3/2014 23:06	64.1	14/3/2014 0:11	63.2
8/3/2014 2:51	60.5	9/3/2014 3:56	59.1	10/3/2014 5:01	57.9	11/3/2014 6:06	60.7	12/3/2014 23:11	64.2	14/3/2014 0:16	63.6
8/3/2014 2:56	61.0	9/3/2014 4:01	57.3	10/3/2014 5:06	58.8	11/3/2014 6:11	61.2	12/3/2014 23:16	63.7	14/3/2014 0:21	63.5
8/3/2014 3:01	60.5	9/3/2014 4:06	58.2	10/3/2014 5:11	58.2	11/3/2014 6:16	61.8	12/3/2014 23:21	63.8	14/3/2014 0:26	63.5
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8/3/2014 3:31	60.7	9/3/2014 4:36	59.2	10/3/2014 5:41	57.0	11/3/2014 6:46	62.7	12/3/2014 23:51	63.5	14/3/2014 0:56	62.3
8/3/2014 3:36	59.7	9/3/2014 4:41	59.4	10/3/2014 5:46	58.2	11/3/2014 6:51	63.6	12/3/2014 23:56	63.4	14/3/2014 1:01	62.0
8/3/2014 3:41	58.1	9/3/2014 4:46	59.0	10/3/2014 5:51	58.9	11/3/2014 6:56	63.9	13/3/2014 0:01	63.2	14/3/2014 1:06	61.1
8/3/2014 3:46	58.3	9/3/2014 4:51	58.6	10/3/2014 5:56	59.9	11/3/2014 23:01	63.6	13/3/2014 0:06	63.4	14/3/2014 1:11	61.4
8/3/2014 3:51	59.3	9/3/2014 4:56	62.2	10/3/2014 6:01	60.1	11/3/2014 23:06	64.0	13/3/2014 0:11	63.1	14/3/2014 1:16	61.3
8/3/2014 3:56	59.0	9/3/2014 5:01	58.2	10/3/2014 6:06	61.0	11/3/2014 23:11	63.3	13/3/2014 0:16	63.0	14/3/2014 1:21	61.9
8/3/2014 4:01	57.5	9/3/2014 5:06	58.4	10/3/2014 6:11	60.4	11/3/2014 23:16	63.8	13/3/2014 0:21	62.8	14/3/2014 1:26	61.1
8/3/2014 4:06	59.4	9/3/2014 5:11	58.4	10/3/2014 6:16	61.6	11/3/2014 23:21	63.1	13/3/2014 0:26	63.6	14/3/2014 1:31	61.6
8/3/2014 4:11	58.8	9/3/2014 5:16	62.7	10/3/2014 6:21	61.7	11/3/2014 23:26	63.2	13/3/2014 0:31	62.6	14/3/2014 1:36	61.3
8/3/2014 4:16	57.7	9/3/2014 5:21	58.4	10/3/2014 6:26	62.1	11/3/2014 23:31	63.0	13/3/2014 0:36	62.3	14/3/2014 1:41	60.1
8/3/2014 4:21	58.2	9/3/2014 5:26	62.1	10/3/2014 6:31	62.3	11/3/2014 23:36	63.2	13/3/2014 0:41	62.3	14/3/2014 1:46	60.1
8/3/2014 4:26	58.9	9/3/2014 5:31	59.1	10/3/2014 6:36	61.8	11/3/2014 23:41	63.3	13/3/2014 0:46	62.0	14/3/2014 1:51	60.0
8/3/2014 4:31	58.0	9/3/2014 5:36	57.9	10/3/2014 6:41	63.9	11/3/2014 23:46	63.0	13/3/2014 0:51	62.0	14/3/2014 1:56	59.6
8/3/2014 4:36	57.6	9/3/2014 5:41	59.2	10/3/2014 6:46	62.7	11/3/2014 23:51	62.0	13/3/2014 0:56	62.4	14/3/2014 2:01	60.0
8/3/2014 4:41	58.8	9/3/2014 5:46	59.5	10/3/2014 6:51	63.5	11/3/2014 23:56	62.3	13/3/2014 1:01	61.2	14/3/2014 2:06	60.2
8/3/2014 4:46	57.7	9/3/2014 5:51	58.7	10/3/2014 6:56	64.0	12/3/2014 0:01	62.6	13/3/2014 1:06	61.8	14/3/2014 2:11	59.3
8/3/2014 4:51	57.6	9/3/2014 5:56	59.8	10/3/2014 23:01	63.8	12/3/2014 0:06	62.7	13/3/2014 1:11	61.8	14/3/2014 2:16	59.0
8/3/2014 4:56	58.8	9/3/2014 6:01	59.9	10/3/2014 23:06	63.9	12/3/2014 0:11	61.9	13/3/2014 1:16	63.0	14/3/2014 2:21	60.0
8/3/2014 5:01	59.0	9/3/2014 6:06	60.6	10/3/2014 23:11	63.9	12/3/2014 0:16	62.2	13/3/2014 1:21	61.7	14/3/2014 2:26	59.3
8/3/2014 5:06	58.9	9/3/2014 6:11	59.8	10/3/2014 23:16	63.1	12/3/2014 0:21	62.6	13/3/2014 1:26	61.5	14/3/2014 2:31	58.7
8/3/2014 5:11	61.2	9/3/2014 6:16	59.2	10/3/2014 23:21	63.7	12/3/2014 0:26	62.3	13/3/2014 1:31	61.1	14/3/2014 2:36	59.6
8/3/2014 5:16	58.1	9/3/2014 6:21	59.4	10/3/2014 23:26	63.6	12/3/2014 0:31	61.6	13/3/2014 1:36	61.4	14/3/2014 2:41	58.9
8/3/2014 5:21	58.6	9/3/2014 6:26	61.1	10/3/2014 23:31	64.0	12/3/2014 0:36	60.6	13/3/2014 1:41	61.2	14/3/2014 2:46	59.1
8/3/2014 5:26	57.2	9/3/2014 6:31	60.0	10/3/2014 23:36	64.0	12/3/2014 0:41	61.8	13/3/2014 1:46	60.3	14/3/2014 2:51	58.7
8/3/2014 5:31	57.8	9/3/2014 6:36	61.2	10/3/2014 23:41	64						

Real-time Noise Data		RTN2a (Hong Kong Electric Centre)									
14/3/2014 6:06	61.0	15/3/2014 23:11	64.2	17/3/2014 0:16	62.2	18/3/2014 1:21	61.3	19/3/2014 2:26	58.7	20/3/2014 3:31	58.0
14/3/2014 6:11	60.8	15/3/2014 23:16	63.4	17/3/2014 0:21	62.6	18/3/2014 1:26	60.8	19/3/2014 2:31	60.4	20/3/2014 3:36	58.7
14/3/2014 6:16	61.6	15/3/2014 23:21	64.0	17/3/2014 0:26	62.2	18/3/2014 1:31	60.6	19/3/2014 2:36	59.2	20/3/2014 3:41	57.5
14/3/2014 6:21	61.5	15/3/2014 23:26	63.5	17/3/2014 0:31	61.7	18/3/2014 1:36	59.9	19/3/2014 2:41	58.9	20/3/2014 3:46	59.0
14/3/2014 6:26	62.4	15/3/2014 23:31	63.7	17/3/2014 0:36	61.5	18/3/2014 1:41	60.1	19/3/2014 2:46	58.2	20/3/2014 3:51	58.7
14/3/2014 6:31	63.0	15/3/2014 23:36	63.7	17/3/2014 0:41	61.6	18/3/2014 1:46	59.6	19/3/2014 2:51	58.2	20/3/2014 3:56	58.3
14/3/2014 6:36	62.8	15/3/2014 23:41	63.8	17/3/2014 0:46	61.0	18/3/2014 1:51	60.1	19/3/2014 2:56	58.5	20/3/2014 4:01	57.6
14/3/2014 6:41	63.8	15/3/2014 23:46	63.2	17/3/2014 0:51	60.5	18/3/2014 1:56	58.3	19/3/2014 3:01	58.0	20/3/2014 4:06	58.2
14/3/2014 6:46	63.7	15/3/2014 23:51	63.2	17/3/2014 0:56	61.4	18/3/2014 2:01	59.0	19/3/2014 3:06	58.0	20/3/2014 4:11	57.6
14/3/2014 6:51	64.9	15/3/2014 23:56	63.3	17/3/2014 1:01	60.9	18/3/2014 2:06	59.0	19/3/2014 3:11	57.7	20/3/2014 4:16	56.8
14/3/2014 6:56	64.7	16/3/2014 0:01	63.5	17/3/2014 1:06	60.6	18/3/2014 2:11	59.0	19/3/2014 3:16	57.5	20/3/2014 4:21	57.7
14/3/2014 7:01	63.8	16/3/2014 0:06	63.6	17/3/2014 1:11	60.0	18/3/2014 2:16	59.8	19/3/2014 3:21	57.5	20/3/2014 4:26	57.5
14/3/2014 23:06	64.7	16/3/2014 0:11	63.5	17/3/2014 1:16	60.9	18/3/2014 2:21	59.5	19/3/2014 3:26	57.9	20/3/2014 4:31	57.5
14/3/2014 23:11	64.0	16/3/2014 0:16	63.5	17/3/2014 1:21	59.8	18/3/2014 2:26	58.0	19/3/2014 3:31	58.1	20/3/2014 4:36	57.4
14/3/2014 23:16	64.6	16/3/2014 0:21	63.0	17/3/2014 1:26	58.5	18/3/2014 2:31	58.9	19/3/2014 3:36	57.6	20/3/2014 4:41	57.6
14/3/2014 23:21	64.6	16/3/2014 0:26	63.0	17/3/2014 1:31	59.4	18/3/2014 2:36	58.7	19/3/2014 3:41	57.0	20/3/2014 4:46	55.0
14/3/2014 23:26	63.7	16/3/2014 0:31	62.7	17/3/2014 1:36	59.0	18/3/2014 2:41	58.8	19/3/2014 3:46	57.1	20/3/2014 4:51	54.5
14/3/2014 23:31	64.9	16/3/2014 0:36	61.5	17/3/2014 1:41	59.6	18/3/2014 2:46	58.8	19/3/2014 3:51	58.2	20/3/2014 4:56	53.6
14/3/2014 23:36	63.8	16/3/2014 0:41	62.4	17/3/2014 1:46	59.5	18/3/2014 2:51	59.3	19/3/2014 3:56	56.0	20/3/2014 5:01	56.1
14/3/2014 23:41	63.5	16/3/2014 0:46	61.5	17/3/2014 1:51	58.8	18/3/2014 2:56	58.9	19/3/2014 4:01	56.3	20/3/2014 5:06	56.2
14/3/2014 23:46	63.8	16/3/2014 0:51	62.0	17/3/2014 1:56	58.3	18/3/2014 3:01	56.3	19/3/2014 4:06	56.0	20/3/2014 5:11	54.5
14/3/2014 23:51	63.7	16/3/2014 0:56	61.9	17/3/2014 2:01	59.0	18/3/2014 3:06	57.2	19/3/2014 4:11	56.0	20/3/2014 5:16	56.9
14/3/2014 23:56	63.6	16/3/2014 1:01	62.2	17/3/2014 2:06	57.9	18/3/2014 3:11	57.6	19/3/2014 4:16	56.6	20/3/2014 5:21	57.6
15/3/2014 0:01	64.3	16/3/2014 1:06	61.7	17/3/2014 2:11	58.5	18/3/2014 3:16	57.4	19/3/2014 4:21	57.4	20/3/2014 5:26	56.2
15/3/2014 0:06	64.3	16/3/2014 1:11	61.4	17/3/2014 2:16	58.3	18/3/2014 3:21	57.1	19/3/2014 4:26	57.4	20/3/2014 5:31	57.1
15/3/2014 0:11	63.5	16/3/2014 1:16	61.3	17/3/2014 2:21	58.0	18/3/2014 3:26	55.9	19/3/2014 4:31	57.8	20/3/2014 5:36	55.8
15/3/2014 0:16	63.9	16/3/2014 1:21	61.6	17/3/2014 2:26	58.6	18/3/2014 3:31	57.3	19/3/2014 4:36	57.5	20/3/2014 5:41	54.8
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15/3/2014 0:26	63.3	16/3/2014 1:31	60.8	17/3/2014 2:36	57.8	18/3/2014 3:41	56.9	19/3/2014 4:46	56.8	20/3/2014 5:51	58.3
15/3/2014 0:31	63.3	16/3/2014 1:36	61.0	17/3/2014 2:41	58.2	18/3/2014 3:46	56.2	19/3/2014 4:51	57.5	20/3/2014 5:56	59.0
15/3/2014 0:36	63.2	16/3/2014 1:41	60.1	17/3/2014 2:46	58.4	18/3/2014 3:51	56.7	19/3/2014 4:56	57.9	20/3/2014 6:01	59.9
15/3/2014 0:41	63.0	16/3/2014 1:46	60.5	17/3/2014 2:51	58.3	18/3/2014 3:56	58.7	19/3/2014 5:01	56.9	20/3/2014 6:06	59.1
15/3/2014 0:46	62.5	16/3/2014 1:51	59.7	17/3/2014 2:56	58.2	18/3/2014 4:01	55.9	19/3/2014 5:06	58.4	20/3/2014 6:11	58.7
15/3/2014 0:51	63.3	16/3/2014 1:56	58.9	17/3/2014 3:01	58.2	18/3/2014 4:06	56.2	19/3/2014 5:11	58.6	20/3/2014 6:16	60.6
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15/3/2014 2:21	61.4	16/3/2014 3:26	58.1	17/3/2014 4:31	55.0	18/3/2014 5:36	58.6	19/3/2014 6:41	63.4	20/3/2014 23:46	63.6
15/3/2014 2:26	60.6	16/3/2014 3:31	57.9	17/3/2014 4:36	58.1	18/3/2014 5:41	58.2	19/3/2014 6:46	63.5	20/3/2014 23:51	64.0
15/3/2014 2:31	60.7	16/3/2014 3:36	58.2	17/3/2014 4:41	55.6	18/3/2014 5:46	58.8	19/3/2014 6:51	64.2	20/3/2014 23:56	63.3
15/3/2014 2:36	60.9	16/3/2014 3:41	58.7	17/3/2014 4:46	56.8	18/3/2014 5:51	59.7	19/3/2014 6:56	64.1	21/3/2014 0:01	63.8
15/3/2014 2:41	61.1	16/3/2014 3:46	58.6	17/3/2014 4:51	57.3	18/3/2014 5:56	59.0	19/3/2014 23:01	64.3	21/3/2014 0:06	64.1
15/3/2014 2:46	60.7	16/3/2014 3:51	59.1	17/3/2014 4:56	57.0	18/3/2014 6:01	59.8	19/3/2014 23:06	64.8	21/3/2014 0:11	63.3
15/3/2014 2:51	60.7	16/3/2014 3:56	57.9	17/3/2014 5:01	58.2	18/3/2014 6:06	59.5	19/3/2014 23:11	64.5	21/3/2014 0:16	63.4
15/3/2014 2:56	59.7	16/3/2014 4:01	57.7	17/3/2014 5:06	57.1	18/3/2014 6:11	60.3	19/3/2014 23:16	64.9	21/3/2014 0:21	63.4
15/3/2014 3:01	59.6	16/3/2014 4:06	57.5	17/3/2014 5:11	57.9	18/3/2014 6:16	60.8	19/3/2014 23:21	64.0	21/3/2014 0:26	62.8
15/3/2014 3:06	59.5	16/3/2014 4:11	57.6	17/3/2014 5:16	58.1	18/3/2014 6:21	61.3	19/3/2014 23:26	64.2	21/3/2014 0:31	62.2
15/3/2014 3:11	58.6	16/3/2014 4:16	56.7	17/3/2014 5:21	58.2	18/3/2014 6:26	61.7	19/3/2014 23:31	63.9	21/3/2014 0:36	62.5
15/3/2014 3:16	59.0	16/3/2014 4:21	56.6	17/3/2014 5:26	57.5	18/3/2014 6:31	62.3	19/3/2014 23:36	64.0	21/3/2014 0:41	62.2
15/3/2014 3:21	59.6	16/3/2014 4:26	54.8	17/3/2014 5:31	58.8	18/3/2014 6:36	62.7	19/3/2014 23:41	64.0	21/3/2014 0:46	62.1
15/3/2014 3:26	58.5	16/3/2014 4:31	56.9	17/3/2014 5:36	59.0	18/3/2014 6:41	63.4	19/3/2014 23:46	63.6	21/3/2014 0:51	61.7
15/3/2014 3:31	58.3	16/3/2014 4:36	57.5	17/3/2014 5:41	58.6	18/3/2014 6:46	63.3	19/3/2014 23:51	64.0	21/3/2014 0:56	62.3
15/3/2014 3:36	58.3	16/3/2014 4:41	56.8	17/3/2014 5:46	59.7	18/3/2014 6:51	64.0	19/3/2014 23:56	63.3	21/3/2014 1:01	62.2
15/3/2014 3:41	58.7	16/3/2014 4:46	54.9	17/3/2014 5:51	59.5	18/3/2014 6:56	64.7	20/3/2014 0:01	63.8	21/3/2014 1:06	61.7
15/3/2014 3:46	58.5	16/3/2014 4:51	57.5	17/3/2014 5:56	60.1	18/3/2014 23:01	64.3	20/3/2014 0:06	64.1	21/3/2014 1:11	61.9
15/3/2014 3:51	58.4	16/3/2014 4:56	57.2	17/3/2014 6:01	60.5	18/3/2014 23:06	64.0	20/3/2014 0:11	63.3	21/3/2014 1:16	61.6
15/3/2014 3:56	57.4	16/3/2014 5:01	56.1	17/3/2014 6:06	60.1	18/3/2014 23:11	64.2	20/			

Real-time Noise Data		RTN2a (Hong Kong Electric Centre)									
21/3/2014 4:36	57.4	22/3/2014 5:41	57.4	23/3/2014 6:46	61.5	24/3/2014 23:51	62.9	26/3/2014 0:56	59.8	27/3/2014 2:01	52.2
21/3/2014 4:41	57.6	22/3/2014 5:46	59.4	23/3/2014 6:51	64.4	24/3/2014 23:56	63.5	26/3/2014 1:01	59.1	27/3/2014 2:06	56.2
21/3/2014 4:46	55.0	22/3/2014 5:51	59.2	23/3/2014 6:56	61.1	25/3/2014 0:01	62.9	26/3/2014 1:06	59.8	27/3/2014 2:11	55.1
21/3/2014 4:51	54.5	22/3/2014 5:56	58.5	23/3/2014 23:01	63.8	25/3/2014 0:06	63.7	26/3/2014 1:11	59.1	27/3/2014 2:16	56.4
21/3/2014 4:56	53.6	22/3/2014 6:01	59.3	23/3/2014 23:06	63.7	25/3/2014 0:11	63.0	26/3/2014 1:16	59.0	27/3/2014 2:21	52.0
21/3/2014 5:01	56.1	22/3/2014 6:06	59.8	23/3/2014 23:11	64.5	25/3/2014 0:16	64.1	26/3/2014 1:21	59.2	27/3/2014 2:26	56.5
21/3/2014 5:06	56.2	22/3/2014 6:11	59.4	23/3/2014 23:16	64.0	25/3/2014 0:21	64.2	26/3/2014 1:26	58.4	27/3/2014 2:31	55.0
21/3/2014 5:11	54.5	22/3/2014 6:16	59.7	23/3/2014 23:21	64.3	25/3/2014 0:26	62.3	26/3/2014 1:31	61.4	27/3/2014 2:36	57.3
21/3/2014 5:16	56.9	22/3/2014 6:21	62.8	23/3/2014 23:26	63.8	25/3/2014 0:31	62.1	26/3/2014 1:36	58.4	27/3/2014 2:41	56.3
21/3/2014 5:21	57.6	22/3/2014 6:26	61.0	23/3/2014 23:31	63.2	25/3/2014 0:36	61.7	26/3/2014 1:41	58.0	27/3/2014 2:46	53.7
21/3/2014 5:26	56.2	22/3/2014 6:31	60.7	23/3/2014 23:36	63.8	25/3/2014 0:41	61.7	26/3/2014 1:46	56.8	27/3/2014 2:51	51.8
21/3/2014 5:31	57.1	22/3/2014 6:36	61.8	23/3/2014 23:41	63.5	25/3/2014 0:46	62.5	26/3/2014 1:51	57.6	27/3/2014 2:56	56.6
21/3/2014 5:36	55.8	22/3/2014 6:41	61.6	23/3/2014 23:46	63.2	25/3/2014 0:51	61.8	26/3/2014 1:56	55.3	27/3/2014 3:01	54.3
21/3/2014 5:41	54.8	22/3/2014 6:46	62.8	23/3/2014 23:51	63.3	25/3/2014 0:56	61.3	26/3/2014 2:01	53.3	27/3/2014 3:06	52.3
21/3/2014 5:46	56.7	22/3/2014 6:51	62.4	23/3/2014 23:56	63.3	25/3/2014 1:01	61.2	26/3/2014 2:06	57.0	27/3/2014 3:11	54.8
21/3/2014 5:51	58.3	22/3/2014 6:56	62.3	24/3/2014 0:01	63.4	25/3/2014 1:06	61.2	26/3/2014 2:11	58.7	27/3/2014 3:16	51.6
21/3/2014 5:56	59.0	22/3/2014 23:01	64.3	24/3/2014 0:06	63.1	25/3/2014 1:11	60.9	26/3/2014 2:16	56.6	27/3/2014 3:21	49.6
21/3/2014 6:01	59.9	22/3/2014 23:06	64.7	24/3/2014 0:11	62.4	25/3/2014 1:16	61.7	26/3/2014 2:21	56.2	27/3/2014 3:26	53.7
21/3/2014 6:06	59.1	22/3/2014 23:11	64.8	24/3/2014 0:16	62.4	25/3/2014 1:21	61.4	26/3/2014 2:26	53.9	27/3/2014 3:31	52.0
21/3/2014 6:11	58.7	22/3/2014 23:16	64.2	24/3/2014 0:21	62.1	25/3/2014 1:26	60.7	26/3/2014 2:31	56.1	27/3/2014 3:36	52.2
21/3/2014 6:16	60.6	22/3/2014 23:21	64.3	24/3/2014 0:26	63.3	25/3/2014 1:31	59.8	26/3/2014 2:36	55.5	27/3/2014 3:41	52.9
21/3/2014 6:21	59.3	22/3/2014 23:26	64.0	24/3/2014 0:31	61.6	25/3/2014 1:36	60.5	26/3/2014 2:41	54.0	27/3/2014 3:46	58.5
21/3/2014 6:26	62.0	22/3/2014 23:31	64.6	24/3/2014 0:36	62.3	25/3/2014 1:41	60.3	26/3/2014 2:46	54.2	27/3/2014 3:51	52.2
21/3/2014 6:31	60.9	22/3/2014 23:36	63.8	24/3/2014 0:41	61.9	25/3/2014 1:46	62.0	26/3/2014 2:51	55.7	27/3/2014 3:56	48.8
21/3/2014 6:36	62.0	22/3/2014 23:41	64.4	24/3/2014 0:46	61.6	25/3/2014 1:51	60.2	26/3/2014 2:56	52.9	27/3/2014 4:01	52.3
21/3/2014 6:41	62.0	22/3/2014 23:46	63.9	24/3/2014 0:51	60.2	25/3/2014 1:56	61.8	26/3/2014 3:01	53.1	27/3/2014 4:06	45.7
21/3/2014 6:46	62.4	22/3/2014 23:51	64.1	24/3/2014 0:56	61.5	25/3/2014 2:01	59.7	26/3/2014 3:06	48.5	27/3/2014 4:11	45.2
21/3/2014 6:51	62.9	22/3/2014 23:56	64.3	24/3/2014 1:01	61.6	25/3/2014 2:06	60.1	26/3/2014 3:11	51.8	27/3/2014 4:16	52.6
21/3/2014 6:56	63.6	23/3/2014 0:01	64.0	24/3/2014 1:06	61.4	25/3/2014 2:11	60.5	26/3/2014 3:16	49.0	27/3/2014 4:21	55.6
21/3/2014 23:01	63.4	23/3/2014 0:06	64.0	24/3/2014 1:11	60.7	25/3/2014 2:16	59.9	26/3/2014 3:21	51.1	27/3/2014 4:26	50.2
21/3/2014 23:06	64.7	23/3/2014 0:11	63.9	24/3/2014 1:16	60.5	25/3/2014 2:21	59.9	26/3/2014 3:26	52.3	27/3/2014 4:31	58.2
21/3/2014 23:11	64.4	23/3/2014 0:16	64.2	24/3/2014 1:21	60.8	25/3/2014 2:26	59.7	26/3/2014 3:31	51.7	27/3/2014 4:36	49.5
21/3/2014 23:16	64.1	23/3/2014 0:21	63.6	24/3/2014 1:26	59.6	25/3/2014 2:31	60.1	26/3/2014 3:36	52.9	27/3/2014 4:41	49.2
21/3/2014 23:21	63.8	23/3/2014 0:26	64.2	24/3/2014 1:31	59.6	25/3/2014 2:36	58.7	26/3/2014 3:41	51.4	27/3/2014 4:46	38.9
21/3/2014 23:26	64.1	23/3/2014 0:31	63.8	24/3/2014 1:36	60.0	25/3/2014 2:41	59.6	26/3/2014 3:46	47.3	27/3/2014 4:51	58.3
21/3/2014 23:31	63.8	23/3/2014 0:36	63.6	24/3/2014 1:41	59.0	25/3/2014 2:46	58.2	26/3/2014 3:51	45.5	27/3/2014 4:56	44.0
21/3/2014 23:36	64.1	23/3/2014 0:41	63.5	24/3/2014 1:46	59.8	25/3/2014 2:51	59.1	26/3/2014 3:56	57.9	27/3/2014 5:01	54.3
21/3/2014 23:41	63.1	23/3/2014 0:46	63.3	24/3/2014 1:51	58.5	25/3/2014 2:56	58.9	26/3/2014 4:01	58.1	27/3/2014 5:06	56.4
21/3/2014 23:46	63.6	23/3/2014 0:51	62.8	24/3/2014 1:56	59.1	25/3/2014 3:01	58.2	26/3/2014 4:06	60.2	27/3/2014 5:11	53.6
21/3/2014 23:51	63.9	23/3/2014 0:56	62.9	24/3/2014 2:01	59.3	25/3/2014 3:06	59.0	26/3/2014 4:11	58.0	27/3/2014 5:16	49.8
21/3/2014 23:56	63.9	23/3/2014 1:01	63.1	24/3/2014 2:06	59.0	25/3/2014 3:11	58.5	26/3/2014 4:16	51.4	27/3/2014 5:21	55.6
22/3/2014 0:01	63.2	23/3/2014 1:06	62.9	24/3/2014 2:11	58.0	25/3/2014 3:16	58.2	26/3/2014 4:21	58.2	27/3/2014 5:26	53.2
22/3/2014 0:06	62.8	23/3/2014 1:11	63.0	24/3/2014 2:16	58.5	25/3/2014 3:21	58.6	26/3/2014 4:26	58.2	27/3/2014 5:31	48.5
22/3/2014 0:11	63.3	23/3/2014 1:16	62.7	24/3/2014 2:21	58.9	25/3/2014 3:26	58.2	26/3/2014 4:31	56.8	27/3/2014 5:36	55.5
22/3/2014 0:16	63.9	23/3/2014 1:21	62.8	24/3/2014 2:26	58.4	25/3/2014 3:31	57.7	26/3/2014 4:36	57.7	27/3/2014 5:41	56.5
22/3/2014 0:21	62.7	23/3/2014 1:26	62.5	24/3/2014 2:31	58.0	25/3/2014 3:36	58.5	26/3/2014 4:41	48.6	27/3/2014 5:46	56.4
22/3/2014 0:26	63.0	23/3/2014 1:31	62.6	24/3/2014 2:36	57.3	25/3/2014 3:41	57.6	26/3/2014 4:46	57.9	27/3/2014 5:51	55.6
22/3/2014 0:31	62.4	23/3/2014 1:36	61.7	24/3/2014 2:41	58.0	25/3/2014 3:46	59.2	26/3/2014 4:51	50.9	27/3/2014 5:56	55.8
22/3/2014 0:36	62.8	23/3/2014 1:41	61.5	24/3/2014 2:46	58.3	25/3/2014 3:51	57.9	26/3/2014 4:56	47.3	27/3/2014 6:01	54.9
22/3/2014 0:41	61.9	23/3/2014 1:46	61.4	24/3/2014 2:51	58.7	25/3/2014 3:56	57.6	26/3/2014 5:01	52.4	27/3/2014 6:06	58.5
22/3/2014 0:46	62.3	23/3/2014 1:51	62.7	24/3/2014 2:56	56.7	25/3/2014 4:01	57.8	26/3/2014 5:06	54.4	27/3/2014 6:11	59.2
22/3/2014 0:51	61.9	23/3/2014 1:56	61.5	24/3/2014 3:01	58.8	25/3/2014 4:06	58.1	26/3/2014 5:11	53.1	27/3/2014 6:16	59.6
22/3/2014 0:56	61.9	23/3/2014 2:01	61.1	24/3/2014 3:06	57.1	25/3/2014 4:11	61.5	26/3/2014 5:16	54.4	27/3/2014 6:21	59.6
22/3/2014 1:01	61.9	23/3/2014 2:06	61.8	24/3/2014 3:11	56.7	25/3/2014 4:16	57.0	26/3/2014 5:21	54.4	27/3/2014 6:26	61.6
22/3/2014 1:06	61.2	23/3/2014 2:11	61.9	24/3/2014 3:16	56.8	25/3/2014 4:21	57.5	26/3/2014 5:26	56.3	27/3/2014 6:31	60.7
22/3/2014 1:11	61.4	23/3/2014 2:16	60.9	24/3/2014 3:21	56.9	25/3/2014 4:26	58.0	26/3/2014 5:31	53.5	27/3/2014 6:36	61.7
22/3/2014 1:16	61.6	23/3/2014 2:21	61.7	24/3/2014 3:26	56.8	25/3/2014 4:31	57.1	26/3/2014 5:36	55.1	27/3/2014 6:41	61.8
22/3/2014 1:21	61.8	23/3/2014 2:26	62.0	24/3/2014 3:31	57.7	25/3/2014 4:36	57.3	26/3/2014 5:41	54.4	27/3/2014 6:46	62.2
22/3/2014 1:26	61.5	23/3/2014 2:31	61.6	24/3/2014 3:36	57.3	25/3/2014 4:41	58.2	26/3/2014 5:46	56.4	27/3/2014 6:51	62.9
22/3/2014 1:31	61.2	23/3/2014 2:36	60.0	24/3/2014 3:41	56.8	25/3/2014 4:46	58.8	26/3/2014 5:51	57.3	27/3/2014 6:56	63.3
22/3/2014 1:36	61.1	23/3/2014 2:41	60.9	24/3/2014 3:46	56.6	25/3/2014 4:51	57.8	26/3/2014 5:56	57.3	27/3/2014 23:01	64.1
22/3/2014 1:41	62.3	23/3/2014 2:46	59.4	24/3/2014 3:51	57.8	25/3/2014 4:56	57.2	26/3/2014 6:01	53.9	27/3/2014 23:06	63.8
22/3/2014 1:46	61.5	23/3/2014 2:51	60.0	24/3/2014 3:56	57.5	25/3/2014 5:01	58.4	26/3/2014 6:06	59.5	27/3/2014 23:11	63.8
22/3/2014 1:51	60.7	23/3/2014 2:56	59.2	24/3/2014 4:01	57.3	25/3/2014 5:06	57.1	26/3/2014 6:11	58.4	27/3/2014 23:16	64.3
22/3/2014 1:56	60.5	23/3/2014 3:01	58.3	24/3/2014 4:06	55.8	25/3/2014 5:11	57.9	26/3/2014 6:16	60.0	27/3/2014 23:21	64.3
22/3/2014 2:01	61.2	23/3/2014 3:06	58.1	24/3/2014 4:11	55.9	25/3/2014 5:16	58.3	26/3/2014 6:21	59.3	27/3/2014 23:26	63.5
22/3/2014 2:06	60.7	23/3/2014 3:11	59.2	24/3/2014 4:16	57.8	25/3/2014 5:21	57.7	26/3/2014 6:26	60.5	27/3/2014 23:31	63.8
22/3/2014 2:11	60.6	23/3/2014 3:16	63.0	24/3/2014 4:21	57.1	25/3/2014 5:26	59.1	26/3/2014 6:31	62.0	27/3/2014 23:36	64.0
22/3/2014 2:16	60.6	23/3/2014 3:21	58.1	24/3/2014 4:26	57.7	25/3/2014 5:31	58.2	26/3/2014 6:36	61.4	27/3/2014 23:41	64.1
22/3/2014 2:21	59.4	23/3/2014 3:26	57.1	24/3/2014 4:31	56.2	25/3/2014 5:36	59.3	26/3/2014 6:41	61.9	27/3/2014 23:46	63.6
22/3/2014 2:26	60.4	23/3/2014 3:31	58.9	24/3/2014 4:36	56.7	25/3/2014 5:41	58.6				

Real-time Noise Data		RTN3 (Po Leung Kuk Yu Lee Mo Fan Memorial School)									
Normal Day 07:00-19:00		5/3/2014 12:01	69.4	10/3/2014 18:31	69.1	15/3/2014 13:01	68.3	21/3/2014 7:31	68.7	26/3/2014 14:01	68.7
		5/3/2014 12:31	69.4	11/3/2014 7:01	68.8	15/3/2014 13:31	68.6	21/3/2014 8:01	68.1	26/3/2014 14:31	68.6
		5/3/2014 13:01	69.1	11/3/2014 7:31	69.4	15/3/2014 14:01	68.1	21/3/2014 8:31	65.9	26/3/2014 15:01	68.3
28/2/2014 7:01	68.5	5/3/2014 13:31	69.4	11/3/2014 8:01	67.8	15/3/2014 14:31	69.3	21/3/2014 9:01	68.2	26/3/2014 15:31	68.9
28/2/2014 7:31	69.3	5/3/2014 14:01	69.5	11/3/2014 8:31	65.6	15/3/2014 15:01	69.3	21/3/2014 9:31	69.3	26/3/2014 16:01	69.2
28/2/2014 8:01	68.8	5/3/2014 14:31	69.6	11/3/2014 9:01	65.8	15/3/2014 15:31	69.3	21/3/2014 10:01	69.4	26/3/2014 16:31	69.1
28/2/2014 8:31	66.0	5/3/2014 15:01	69.4	11/3/2014 9:31	68.6	15/3/2014 16:01	69.1	21/3/2014 10:31	69.4	26/3/2014 17:01	69.3
28/2/2014 9:01	67.7	5/3/2014 15:31	69.5	11/3/2014 10:01	69.3	15/3/2014 16:31	68.9	21/3/2014 11:01	69.6	26/3/2014 17:31	69.5
28/2/2014 9:31	69.2	5/3/2014 16:01	69.5	11/3/2014 10:31	69.7	15/3/2014 17:01	69.0	21/3/2014 11:31	69.2	26/3/2014 18:01	68.8
28/2/2014 10:01	69.2	5/3/2014 16:31	69.4	11/3/2014 11:01	69.6	15/3/2014 17:31	68.7	21/3/2014 12:01	68.9	26/3/2014 18:31	68.9
28/2/2014 10:31	69.4	5/3/2014 17:01	69.2	11/3/2014 11:31	69.2	15/3/2014 18:01	68.6	21/3/2014 12:31	68.9	27/3/2014 7:01	68.8
28/2/2014 11:01	69.5	5/3/2014 17:31	69.1	11/3/2014 12:01	69.1	15/3/2014 18:31	68.5	21/3/2014 13:01	69.3	27/3/2014 7:31	33.2
28/2/2014 11:31	69.2	5/3/2014 18:01	68.9	11/3/2014 12:31	69.0	17/3/2014 7:01	68.8	21/3/2014 13:31	69.4	27/3/2014 8:01	67.8
28/2/2014 12:01	66.6	5/3/2014 18:31	68.9	11/3/2014 13:01	68.9	17/3/2014 7:31	69.5	21/3/2014 14:01	69.3	27/3/2014 8:31	66.0
28/2/2014 12:31	68.3	6/3/2014 7:01	68.9	11/3/2014 13:31	69.3	17/3/2014 8:01	68.1	21/3/2014 14:31	69.0	27/3/2014 9:01	66.2
28/2/2014 13:01	69.1	6/3/2014 7:31	69.5	11/3/2014 14:01	69.2	17/3/2014 8:31	66.2	21/3/2014 15:01	68.8	27/3/2014 9:31	68.5
28/2/2014 13:31	69.2	6/3/2014 8:01	68.9	11/3/2014 14:31	69.5	17/3/2014 9:01	66.9	21/3/2014 15:31	69.5	27/3/2014 10:01	69.1
28/2/2014 14:01	69.2	6/3/2014 8:31	65.7	11/3/2014 15:01	69.0	17/3/2014 9:31	68.3	21/3/2014 16:01	69.4	27/3/2014 10:31	69.0
28/2/2014 14:31	69.2	6/3/2014 9:01	65.5	11/3/2014 15:31	69.3	17/3/2014 10:01	69.6	21/3/2014 16:31	69.3	27/3/2014 11:01	69.2
28/2/2014 15:01	69.4	6/3/2014 9:31	66.9	11/3/2014 16:01	69.6	17/3/2014 10:31	49.5	21/3/2014 17:01	69.4	27/3/2014 11:31	68.8
28/2/2014 15:31	67.2	6/3/2014 10:01	69.0	11/3/2014 16:31	69.2	17/3/2014 11:01	58.1	21/3/2014 17:31	69.1	27/3/2014 12:01	68.6
28/2/2014 16:01	67.5	6/3/2014 10:31	69.2	11/3/2014 17:01	69.1	17/3/2014 11:31	69.2	21/3/2014 18:01	68.8	27/3/2014 12:31	68.5
28/2/2014 16:31	68.7	6/3/2014 11:01	69.1	11/3/2014 17:31	68.7	17/3/2014 12:01	69.2	21/3/2014 18:31	69.0	27/3/2014 13:01	68.5
28/2/2014 17:01	68.6	6/3/2014 11:31	69.3	11/3/2014 18:01	68.3	17/3/2014 12:31	69.1	22/3/2014 7:01	67.2	27/3/2014 13:31	68.9
28/2/2014 17:31	68.8	6/3/2014 12:01	68.9	11/3/2014 18:31	68.0	17/3/2014 13:01	69.1	22/3/2014 7:31	68.7	27/3/2014 14:01	68.8
28/2/2014 18:01	68.7	6/3/2014 12:31	69.0	12/3/2014 7:01	68.8	17/3/2014 13:31	69.5	22/3/2014 8:01	69.6	27/3/2014 14:31	69.3
28/2/2014 18:31	67.9	6/3/2014 13:01	68.8	12/3/2014 7:31	66.7	17/3/2014 14:01	69.3	22/3/2014 8:31	51.6	27/3/2014 15:01	69.6
1/3/2014 7:01	67.5	6/3/2014 13:31	69.1	12/3/2014 8:01	65.2	17/3/2014 14:31	69.4	22/3/2014 9:01	69.6	27/3/2014 15:31	68.9
1/3/2014 7:31	68.4	6/3/2014 14:01	68.8	12/3/2014 8:31	65.3	17/3/2014 15:01	69.3	22/3/2014 9:31	60.8	27/3/2014 16:01	68.8
1/3/2014 8:01	68.8	6/3/2014 14:31	64.8	12/3/2014 9:01	65.3	17/3/2014 15:31	69.3	22/3/2014 10:01	54.2	27/3/2014 16:31	68.9
1/3/2014 8:31	69.3	6/3/2014 15:01	65.6	12/3/2014 9:31	64.9	17/3/2014 16:01	69.3	22/3/2014 10:31	69.5	27/3/2014 17:01	68.9
1/3/2014 9:01	69.3	6/3/2014 15:31	68.9	12/3/2014 10:01	66.3	17/3/2014 16:31	69.7	22/3/2014 11:01	69.3	27/3/2014 17:31	68.7
1/3/2014 9:31	69.6	6/3/2014 16:01	69.1	12/3/2014 10:31	69.4	17/3/2014 17:01	69.7	22/3/2014 11:31	68.9	27/3/2014 18:01	68.7
1/3/2014 10:01	69.5	6/3/2014 16:31	69.2	12/3/2014 11:01	69.4	17/3/2014 17:31	69.3	22/3/2014 12:01	68.9	27/3/2014 18:31	68.6
1/3/2014 10:31	69.7	6/3/2014 17:01	69.1	12/3/2014 11:31	69.2	17/3/2014 18:01	68.8	22/3/2014 12:31	68.8		
1/3/2014 11:01	68.7	6/3/2014 17:31	69.0	12/3/2014 12:01	69.0	17/3/2014 18:31	68.7	22/3/2014 13:01	69.2	Normal Day 19:00-23:00	
1/3/2014 11:31	67.0	6/3/2014 18:01	68.9	12/3/2014 12:31	69.1	18/3/2014 7:01	68.9	22/3/2014 13:31	69.3	Sunday & Holiday	
1/3/2014 12:01	69.2	6/3/2014 18:31	68.9	12/3/2014 13:01	68.9	18/3/2014 7:31	69.4	22/3/2014 14:01	69.0	07:00-23:00	
1/3/2014 12:31	69.1	7/3/2014 7:01	69.0	12/3/2014 13:31	69.4	18/3/2014 8:01	68.3	22/3/2014 14:31	68.9	28/2/2014 18:56	58.4
1/3/2014 13:01	69.4	7/3/2014 7:31	67.0	12/3/2014 14:01	69.7	18/3/2014 8:31	66.4	22/3/2014 15:01	68.8	28/2/2014 19:01	65.8
1/3/2014 13:31	69.4	7/3/2014 8:01	65.8	12/3/2014 14:31	69.1	18/3/2014 9:01	67.0	22/3/2014 15:31	68.8	28/2/2014 19:06	65.9
1/3/2014 14:01	69.3	7/3/2014 8:31	66.4	12/3/2014 15:01	69.3	18/3/2014 9:31	69.4	22/3/2014 16:01	68.9	28/2/2014 19:11	64.1
1/3/2014 14:31	69.1	7/3/2014 9:01	66.1	12/3/2014 15:31	69.5	18/3/2014 10:01	69.6	22/3/2014 16:31	69.2	28/2/2014 19:16	63.3
1/3/2014 15:01	69.4	7/3/2014 9:31	66.8	12/3/2014 16:01	69.6	18/3/2014 10:31	69.6	22/3/2014 17:01	69.0	28/2/2014 19:21	63.2
1/3/2014 15:31	69.0	7/3/2014 10:01	69.5	12/3/2014 16:31	69.5	18/3/2014 11:01	68.9	22/3/2014 17:31	68.9	28/2/2014 19:26	64.1
1/3/2014 16:01	69.1	7/3/2014 10:31	69.7	12/3/2014 17:01	69.3	18/3/2014 11:31	69.2	22/3/2014 18:01	68.7	28/2/2014 19:31	60.2
1/3/2014 16:31	69.2	7/3/2014 11:01	44.2	12/3/2014 17:31	68.1	18/3/2014 12:01	69.0	22/3/2014 18:31	68.8	28/2/2014 19:36	66.1
1/3/2014 17:01	69.0	7/3/2014 11:31	69.2	12/3/2014 18:01	65.0	18/3/2014 12:31	69.1	24/3/2014 7:01	68.5	28/2/2014 19:41	65.4
1/3/2014 17:31	68.8	7/3/2014 12:01	68.9	12/3/2014 18:31	68.4	18/3/2014 13:01	68.9	24/3/2014 7:31	69.4	28/2/2014 19:46	65.7
1/3/2014 18:01	68.7	7/3/2014 12:31	69.2	13/3/2014 7:01	68.9	18/3/2014 13:31	68.8	24/3/2014 8:01	67.9	28/2/2014 19:51	63.0
1/3/2014 18:31	68.2	7/3/2014 13:01	69.0	13/3/2014 7:31	69.4	18/3/2014 14:01	68.9	24/3/2014 8:31	65.9	28/2/2014 19:56	63.9
3/3/2014 7:01	56.4	7/3/2014 13:31	69.3	13/3/2014 8:01	69.6	18/3/2014 14:31	69.0	24/3/2014 9:01	66.0	28/2/2014 20:01	63.2
3/3/2014 7:31	64.4	7/3/2014 14:01	69.5	13/3/2014 8:31	69.3	18/3/2014 15:01	69.0	24/3/2014 9:31	66.9	28/2/2014 20:06	61.8
3/3/2014 8:01	69.5	7/3/2014 14:31	69.4	13/3/2014 9:01	69.4	18/3/2014 15:31	69.2	24/3/2014 10:01	69.3	28/2/2014 20:11	61.4
3/3/2014 8:31	66.8	7/3/2014 15:01	67.1	13/3/2014 9:31	55.5	18/3/2014 16:01	69.4	24/3/2014 10:31	69.6	28/2/2014 20:16	62.7
3/3/2014 9:01	68.5	7/3/2014 15:31	65.1	13/3/2014 10:01	69.6	18/3/2014 16:31	69.0	24/3/2014 11:01	69.3	28/2/2014 20:21	62.5
3/3/2014 9:31	62.1	7/3/2014 16:01	67.9	13/3/2014 10:31	69.6	18/3/2014 17:01	68.8	24/3/2014 11:31	69.5	28/2/2014 20:26	62.5
3/3/2014 10:01	62.2	7/3/2014 16:31	69.5	13/3/2014 11:01	69.6	18/3/2014 17:31	68.9	24/3/2014 12:01	69.1	28/2/2014 20:31	62.2
3/3/2014 10:31	60.7	7/3/2014 17:01	69.3	13/3/2014 11:31	69.5	18/3/2014 18:01	64.4	24/3/2014 12:31	69.0	28/2/2014 20:36	62.7
3/3/2014 11:01	61.9	7/3/2014 17:31	69.4	13/3/2014 12:01	69.4	18/3/2014 18:31	64.1	24/3/2014 13:01	68.6	28/2/2014 20:41	64.5
3/3/2014 11:31	54.1	7/3/2014 18:01	69.1	13/3/2014 12:31	69.5	19/3/2014 7:01	68.7	24/3/2014 13:31	69.0	28/2/2014 20:46	62.7
3/3/2014 12:01	69.6	7/3/2014 18:31	69.1	13/3/2014 13:01	69.3	19/3/2014 7:31	69.4	24/3/2014 14:01	53.6	28/2/2014 20:51	61.7
3/3/2014 12:31	69.6	8/3/2014 7:01	67.1	13/3/2014 13:31	69.4	19/3/2014 8:01	69.0	24/3/2014 14:31	57.5	28/2/2014 20:56	61.7
3/3/2014 13:01	69.5	8/3/2014 7:31	68.2	13/3/2014 14:01	69.6	19/3/2014 8:31	65.8	24/3/2014 15:01	69.6	28/2/2014 21:01	62.2
3/3/2014 13:31	69.6	8/3/2014 8:01	68.8	13/3/2014 14:31	69.5	19/3/2014 9:01	65.7	24/3/2014 15:31	69.2	28/2/2014 21:06	60.7
3/3/2014 14:01	58.4	8/3/2014 8:31	68.9	13/3/2014 15:01	52.5	19/3/2014 9:31	68.4	24/3/2014 16:01	51.7	28/2/2014 21:11	60.3
3/3/2014 14:31	69.5	8/3/2014 9:01	69.0	13/3/2014 15:31	69.7	19/3/2014 10:01	69.1	24/3/2014 16:31	62.1	28/2/2014 21:16	58.9
3/3/2014 15:01	69.6	8/3/2014 9:31	69								

Real-time Noise Data		RTN3 (Po Leung Kuk Yu Lee Mo Fan Memorial School)									
1/3/2014 20:46	56.2	2/3/2014 13:51	61.7	3/3/2014 18:56	64.7	5/3/2014 20:01	65.2	7/3/2014 21:11	64.6	9/3/2014 10:16	63.1
1/3/2014 20:51	59.8	2/3/2014 13:56	61.2	3/3/2014 19:01	64.3	5/3/2014 20:06	64.3	7/3/2014 21:16	64.4	9/3/2014 10:21	64.1
1/3/2014 20:56	60.4	2/3/2014 14:01	60.9	3/3/2014 19:06	63.5	5/3/2014 20:11	64.3	7/3/2014 21:21	63.9	9/3/2014 10:26	64.0
1/3/2014 21:01	66.4	2/3/2014 14:06	58.6	3/3/2014 19:11	64.2	5/3/2014 20:16	63.9	7/3/2014 21:26	63.4	9/3/2014 10:31	64.4
1/3/2014 21:06	59.1	2/3/2014 14:11	61.4	3/3/2014 19:16	64.5	5/3/2014 20:21	66.3	7/3/2014 21:31	63.9	9/3/2014 10:36	64.9
1/3/2014 21:11	60.4	2/3/2014 14:16	60.2	3/3/2014 19:21	64.3	5/3/2014 20:26	64.0	7/3/2014 21:36	62.4	9/3/2014 10:41	65.3
1/3/2014 21:16	61.2	2/3/2014 14:21	65.2	3/3/2014 19:26	62.8	5/3/2014 20:31	63.9	7/3/2014 21:41	62.8	9/3/2014 10:46	64.0
1/3/2014 21:21	61.1	2/3/2014 14:26	60.2	3/3/2014 19:31	63.9	5/3/2014 20:36	64.1	7/3/2014 21:46	64.5	9/3/2014 10:51	64.9
1/3/2014 21:26	59.6	2/3/2014 14:31	61.2	3/3/2014 19:36	64.1	5/3/2014 20:41	61.8	7/3/2014 21:51	63.6	9/3/2014 10:56	65.1
1/3/2014 21:31	61.3	2/3/2014 14:36	60.3	3/3/2014 19:41	64.4	5/3/2014 20:46	62.2	7/3/2014 21:56	62.9	9/3/2014 11:01	64.3
1/3/2014 21:36	58.9	2/3/2014 14:41	62.5	3/3/2014 19:46	64.6	5/3/2014 20:51	64.2	7/3/2014 22:01	63.0	9/3/2014 11:06	64.0
1/3/2014 21:41	58.6	2/3/2014 14:46	60.3	3/3/2014 19:51	65.5	5/3/2014 20:56	60.8	7/3/2014 22:06	64.0	9/3/2014 11:11	65.3
1/3/2014 21:46	62.2	2/3/2014 14:51	62.0	3/3/2014 19:56	64.1	5/3/2014 21:01	63.4	7/3/2014 22:11	61.6	9/3/2014 11:16	65.3
1/3/2014 21:51	60.3	2/3/2014 14:56	62.4	3/3/2014 20:01	65.2	5/3/2014 21:06	61.0	7/3/2014 22:16	64.3	9/3/2014 11:21	64.7
1/3/2014 21:56	61.4	2/3/2014 15:01	59.7	3/3/2014 20:06	64.2	5/3/2014 21:11	62.9	7/3/2014 22:21	64.3	9/3/2014 11:26	64.7
1/3/2014 22:01	62.3	2/3/2014 15:06	61.4	3/3/2014 20:11	63.8	5/3/2014 21:16	64.0	7/3/2014 22:26	64.5	9/3/2014 11:31	63.8
1/3/2014 22:06	60.8	2/3/2014 15:11	58.3	3/3/2014 20:16	64.0	5/3/2014 21:21	64.2	7/3/2014 22:31	64.1	9/3/2014 11:36	63.6
1/3/2014 22:11	61.1	2/3/2014 15:16	58.9	3/3/2014 20:21	65.6	5/3/2014 21:26	61.2	7/3/2014 22:36	64.1	9/3/2014 11:41	64.3
1/3/2014 22:16	61.7	2/3/2014 15:21	60.0	3/3/2014 20:26	64.4	5/3/2014 21:31	61.6	7/3/2014 22:41	64.6	9/3/2014 11:46	63.8
1/3/2014 22:21	62.1	2/3/2014 15:26	61.8	3/3/2014 20:31	62.7	5/3/2014 21:36	63.7	7/3/2014 22:46	63.2	9/3/2014 11:51	64.7
1/3/2014 22:26	62.1	2/3/2014 15:31	59.5	3/3/2014 20:36	63.7	5/3/2014 21:41	62.0	7/3/2014 22:51	64.0	9/3/2014 11:56	64.1
1/3/2014 22:31	58.7	2/3/2014 15:36	59.7	3/3/2014 20:41	68.7	5/3/2014 21:46	63.2	8/3/2014 18:56	63.4	9/3/2014 12:01	64.2
1/3/2014 22:36	59.2	2/3/2014 15:41	61.9	3/3/2014 20:46	63.8	5/3/2014 21:51	63.0	8/3/2014 19:01	64.5	9/3/2014 12:06	63.9
1/3/2014 22:41	62.7	2/3/2014 15:46	62.2	3/3/2014 20:51	63.0	5/3/2014 21:56	61.7	8/3/2014 19:06	64.1	9/3/2014 12:11	63.9
1/3/2014 22:46	62.3	2/3/2014 15:51	62.4	3/3/2014 20:56	62.9	5/3/2014 22:01	63.1	8/3/2014 19:11	64.1	9/3/2014 12:16	64.3
1/3/2014 22:51	61.4	2/3/2014 15:56	62.2	3/3/2014 21:01	64.6	5/3/2014 22:06	62.8	8/3/2014 19:16	64.1	9/3/2014 12:21	63.6
2/3/2014 6:56	58.9	2/3/2014 16:01	61.4	3/3/2014 21:06	62.3	5/3/2014 22:11	63.8	8/3/2014 19:21	64.0	9/3/2014 12:26	63.9
2/3/2014 7:01	64.8	2/3/2014 16:06	61.4	3/3/2014 21:11	62.8	5/3/2014 22:16	63.1	8/3/2014 19:26	66.6	9/3/2014 12:31	64.6
2/3/2014 7:06	65.3	2/3/2014 16:11	60.9	3/3/2014 21:16	63.7	5/3/2014 22:21	63.4	8/3/2014 19:31	62.2	9/3/2014 12:36	64.3
2/3/2014 7:11	65.3	2/3/2014 16:16	61.0	3/3/2014 21:21	62.5	5/3/2014 22:26	62.7	8/3/2014 19:36	63.3	9/3/2014 12:41	64.8
2/3/2014 7:16	65.5	2/3/2014 16:21	64.2	3/3/2014 21:26	63.2	5/3/2014 22:31	63.0	8/3/2014 19:41	63.3	9/3/2014 12:46	63.2
2/3/2014 7:21	65.0	2/3/2014 16:26	60.2	3/3/2014 21:31	63.2	5/3/2014 22:36	62.6	8/3/2014 19:46	63.6	9/3/2014 12:51	64.5
2/3/2014 7:26	66.5	2/3/2014 16:31	61.9	3/3/2014 21:36	62.3	5/3/2014 22:41	62.6	8/3/2014 19:51	62.7	9/3/2014 12:56	64.4
2/3/2014 7:31	65.1	2/3/2014 16:36	61.4	3/3/2014 21:41	64.8	5/3/2014 22:46	62.2	8/3/2014 19:56	62.6	9/3/2014 13:01	64.5
2/3/2014 7:36	65.4	2/3/2014 16:41	61.7	3/3/2014 21:46	63.1	5/3/2014 22:51	62.9	8/3/2014 20:01	64.0	9/3/2014 13:06	64.0
2/3/2014 7:41	55.2	2/3/2014 16:46	59.9	3/3/2014 21:51	63.5	6/3/2014 19:01	64.8	8/3/2014 20:06	61.5	9/3/2014 13:11	63.4
2/3/2014 7:46	66.0	2/3/2014 16:51	63.0	3/3/2014 21:56	63.0	6/3/2014 19:06	64.9	8/3/2014 20:11	61.4	9/3/2014 13:16	62.9
2/3/2014 7:51	66.2	2/3/2014 16:56	60.0	3/3/2014 22:01	65.2	6/3/2014 19:11	64.1	8/3/2014 20:16	62.3	9/3/2014 13:21	63.9
2/3/2014 7:56	44.9	2/3/2014 17:01	62.6	3/3/2014 22:06	62.8	6/3/2014 19:16	64.9	8/3/2014 20:21	62.5	9/3/2014 13:26	64.7
2/3/2014 8:01	65.8	2/3/2014 17:06	61.3	3/3/2014 22:11	62.8	6/3/2014 19:21	65.4	8/3/2014 20:26	61.6	9/3/2014 13:31	64.9
2/3/2014 8:06	64.4	2/3/2014 17:11	60.8	3/3/2014 22:16	63.1	6/3/2014 19:26	65.4	8/3/2014 20:31	61.3	9/3/2014 13:36	64.8
2/3/2014 8:11	46.2	2/3/2014 17:16	61.2	3/3/2014 22:21	63.8	6/3/2014 19:31	64.6	8/3/2014 20:36	59.2	9/3/2014 13:41	64.0
2/3/2014 8:16	61.5	2/3/2014 17:21	61.0	3/3/2014 22:26	62.0	6/3/2014 19:36	64.5	8/3/2014 20:41	62.8	9/3/2014 13:46	64.0
2/3/2014 8:21	56.5	2/3/2014 17:26	61.2	3/3/2014 22:31	61.6	6/3/2014 19:41	64.8	8/3/2014 20:46	61.0	9/3/2014 13:51	63.2
2/3/2014 8:26	58.0	2/3/2014 17:31	61.6	3/3/2014 22:36	61.5	6/3/2014 19:46	64.5	8/3/2014 20:51	62.4	9/3/2014 13:56	65.0
2/3/2014 8:31	58.3	2/3/2014 17:36	60.7	3/3/2014 22:41	60.7	6/3/2014 19:51	68.8	8/3/2014 20:56	62.0	9/3/2014 14:01	64.5
2/3/2014 8:36	58.9	2/3/2014 17:41	62.2	3/3/2014 22:46	61.6	6/3/2014 19:56	64.0	8/3/2014 21:01	58.8	9/3/2014 14:06	62.9
2/3/2014 8:41	61.1	2/3/2014 17:46	60.2	3/3/2014 22:51	62.2	6/3/2014 20:01	64.2	8/3/2014 21:06	61.8	9/3/2014 14:11	63.8
2/3/2014 8:46	61.1	2/3/2014 17:51	61.7	4/3/2014 18:56	65.0	6/3/2014 20:06	63.9	8/3/2014 21:11	61.9	9/3/2014 14:16	64.4
2/3/2014 8:51	61.4	2/3/2014 17:56	60.8	4/3/2014 19:01	65.4	6/3/2014 20:11	63.2	8/3/2014 21:16	61.3	9/3/2014 14:21	63.9
2/3/2014 8:56	62.4	2/3/2014 18:01	62.7	4/3/2014 19:06	65.2	6/3/2014 20:16	63.7	8/3/2014 21:21	59.5	9/3/2014 14:26	62.7
2/3/2014 9:01	63.1	2/3/2014 18:06	61.6	4/3/2014 19:11	65.6	6/3/2014 20:21	63.9	8/3/2014 21:26	63.7	9/3/2014 14:31	62.6
2/3/2014 9:06	61.8	2/3/2014 18:11	61.5	4/3/2014 19:16	65.0	6/3/2014 20:26	64.3	8/3/2014 21:31	62.0	9/3/2014 14:36	63.9
2/3/2014 9:11	61.1	2/3/2014 18:16	62.1	4/3/2014 19:21	66.3	6/3/2014 20:31	63.2	8/3/2014 21:36	60.9	9/3/2014 14:41	65.7
2/3/2014 9:16	62.3	2/3/2014 18:21	62.6	4/3/2014 19:26	65.1	6/3/2014 20:36	62.8	8/3/2014 21:41	61.6	9/3/2014 14:46	64.4
2/3/2014 9:21	62.6	2/3/2014 18:26	62.9	4/3/2014 19:31	64.9	6/3/2014 20:41	63.1	8/3/2014 21:46	59.9	9/3/2014 14:51	64.7
2/3/2014 9:26	63.2	2/3/2014 18:31	61.2	4/3/2014 19:36	64.6	6/3/2014 20:46	62.8	8/3/2014 21:51	63.1	9/3/2014 14:56	64.1
2/3/2014 9:31	62.8	2/3/2014 18:36	62.5	4/3/2014 19:41	65.4	6/3/2014 20:51	64.6	8/3/2014 21:56	63.7	9/3/2014 15:01	63.7
2/3/2014 9:36	62.6	2/3/2014 18:41	62.3	4/3/2014 19:46	63.4	6/3/2014 20:56	61.5	8/3/2014 22:01	61.1	9/3/2014 15:06	63.6
2/3/2014 9:41	63.7	2/3/2014 18:46	60.8	4/3/2014 19:51	61.8	6/3/2014 21:01	61.8	8/3/2014 22:06	62.2	9/3/2014 15:11	65.2
2/3/2014 9:46	63.2	2/3/2014 18:51	63.0	4/3/2014 19:56	63.1	6/3/2014 21:06	61.7	8/3/2014 22:11	61.6	9/3/2014 15:16	62.6
2/3/2014 9:51	63.4	2/3/2014 18:56	62.2	4/3/2014 20:01	61.8	6/3/2014 21:11	59.7	8/3/2014 22:16	62.5	9/3/2014 15:21	63.3
2/3/2014 9:56	63.3	2/3/2014 19:01	60.7	4/3/2014 20:06	61.6	6/3/2014 21:16	61.8	8/3/2014 22:21	62.2	9/3/2014 15:26	63.8
2/3/2014 10:01	63.3	2/3/2014 19:06	60.7	4/3/2014 20:11	62.7	6/3/2014 21:21	61.4	8/3/2014 22:26	61.6	9/3/2014 15:31	63.8
2/3/2014 10:06	64.4	2/3/2014 19:11	59.7	4/3/2014 20:16	63.3	6/3/2014 21:26	61.7	8/3/2014 22:31	61.9	9/3/2014 15:36	61.5
2/3/2014 10:11	62.2	2/3/2014 19:16	61.0	4/3/2014 20:21	62.1	6/3/2014 21:31	61.7	8/3/2014 22:36	63.7	9/3/2014 15:41	63.2
2/3/2014 10:16	63.5	2/3/2014 19:21	59.0	4/3/2014 20:26	60.7	6/3/2014 21:36	59.7	8/3/2014 22:41	61.3	9/3/2014 15:46	64.6
2/3/2014 10:21	62.4	2/3/2014 19:26	60.0	4/3/2014 20:31	61.9	6/3/2014 21:41	60.9	8/3/2014 22:46	62.2	9/3/2014 15:51	64.1
2/3/2014 10:26	62.7	2/3/2014 19:31	60.1	4/3/2014 20:36	62.0	6/3/2014 21:46	60.1	8/3/2014 22:51	62.4	9/3/2014 15:56	64.2
2/3/2014 10:31	62.4	2/3/2014 19:36	58.1	4/3/2014 20:41	62.8	6/3/2014 21:51	60.7	9/3/2014 6:56	51.7	9/3/2014 16:01	62.4
2/3/2014 10:36	64.9	2/3/2014 19:41	62.7	4/3/2014 20:46	62.0	6/3/2014 21:56	59.5	9/3/2014 7:01	65.5	9/3/2014 16:06	63.2
2/3/2014 10:41	62.4	2/3/2014 19:46	6								

Real-time Noise Data		RTN3 (Po Leung Kuk Yu Lee Mo Fan Memorial School)									
9/3/2014 19:21	64.1	11/3/2014 20:26	62.3	13/3/2014 21:31	64.8	15/3/2014 22:36	60.8	16/3/2014 15:41	62.7	17/3/2014 20:46	61.6
9/3/2014 19:26	61.6	11/3/2014 20:31	63.2	13/3/2014 21:36	62.7	15/3/2014 22:41	60.3	16/3/2014 15:46	64.7	17/3/2014 20:51	62.2
9/3/2014 19:31	62.6	11/3/2014 20:36	63.0	13/3/2014 21:41	62.9	15/3/2014 22:46	63.5	16/3/2014 15:51	64.3	17/3/2014 20:56	60.1
9/3/2014 19:36	63.1	11/3/2014 20:41	63.0	13/3/2014 21:46	62.8	15/3/2014 22:51	60.9	16/3/2014 15:56	62.7	17/3/2014 21:01	63.0
9/3/2014 19:41	62.7	11/3/2014 20:46	61.6	13/3/2014 21:51	63.1	16/3/2014 22:56	64.9	16/3/2014 16:01	63.0	17/3/2014 21:06	60.8
9/3/2014 19:46	62.6	11/3/2014 20:51	59.0	13/3/2014 21:56	63.5	16/3/2014 7:01	65.3	16/3/2014 16:06	62.8	17/3/2014 21:11	62.2
9/3/2014 19:51	62.9	11/3/2014 20:56	63.1	13/3/2014 22:01	63.9	16/3/2014 7:06	65.7	16/3/2014 16:11	63.7	17/3/2014 21:16	62.5
9/3/2014 19:56	62.4	11/3/2014 21:01	60.9	13/3/2014 22:06	62.6	16/3/2014 7:11	66.2	16/3/2014 16:16	60.8	17/3/2014 21:21	61.0
9/3/2014 20:01	61.5	11/3/2014 21:06	61.1	13/3/2014 22:11	64.1	16/3/2014 7:16	46.2	16/3/2014 16:21	64.5	17/3/2014 21:26	64.3
9/3/2014 20:06	62.3	11/3/2014 21:11	61.6	13/3/2014 22:16	63.6	16/3/2014 7:21	66.4	16/3/2014 16:26	63.5	17/3/2014 21:31	59.9
9/3/2014 20:11	59.8	11/3/2014 21:16	62.1	13/3/2014 22:21	65.1	16/3/2014 7:26	66.4	16/3/2014 16:31	64.6	17/3/2014 21:36	61.1
9/3/2014 20:16	60.9	11/3/2014 21:21	61.8	13/3/2014 22:26	62.1	16/3/2014 7:31	66.1	16/3/2014 16:36	62.3	17/3/2014 21:41	63.2
9/3/2014 20:21	60.9	11/3/2014 21:26	62.5	13/3/2014 22:31	63.9	16/3/2014 7:36	66.2	16/3/2014 16:41	65.8	17/3/2014 21:46	62.0
9/3/2014 20:26	61.9	11/3/2014 21:31	62.7	13/3/2014 22:36	63.0	16/3/2014 7:41	66.1	16/3/2014 16:46	62.7	17/3/2014 21:51	58.7
9/3/2014 20:31	59.8	11/3/2014 21:36	62.0	13/3/2014 22:41	62.4	16/3/2014 7:46	60.6	16/3/2014 16:51	63.7	17/3/2014 21:56	60.9
9/3/2014 20:36	62.2	11/3/2014 21:41	60.4	13/3/2014 22:46	62.2	16/3/2014 7:51	66.0	16/3/2014 16:56	61.8	17/3/2014 22:01	59.1
9/3/2014 20:41	62.1	11/3/2014 21:46	61.6	13/3/2014 22:51	62.6	16/3/2014 7:56	63.4	16/3/2014 17:01	64.9	17/3/2014 22:06	60.5
9/3/2014 20:46	61.2	11/3/2014 21:51	59.6	14/3/2014 18:56	62.8	16/3/2014 8:01	58.4	16/3/2014 17:06	62.1	17/3/2014 22:11	62.3
9/3/2014 20:51	60.9	11/3/2014 21:56	62.3	14/3/2014 19:01	62.1	16/3/2014 8:06	58.8	16/3/2014 17:11	63.2	17/3/2014 22:16	61.7
9/3/2014 20:56	60.4	11/3/2014 22:01	58.4	14/3/2014 19:06	61.8	16/3/2014 8:11	61.1	16/3/2014 17:16	63.2	17/3/2014 22:21	59.6
9/3/2014 21:01	62.7	11/3/2014 22:06	60.8	14/3/2014 19:11	62.3	16/3/2014 8:16	62.6	16/3/2014 17:21	63.5	17/3/2014 22:26	61.7
9/3/2014 21:06	62.0	11/3/2014 22:11	61.2	14/3/2014 19:16	64.4	16/3/2014 8:21	58.9	16/3/2014 17:26	62.9	17/3/2014 22:31	58.8
9/3/2014 21:11	63.2	11/3/2014 22:16	62.8	14/3/2014 19:21	64.8	16/3/2014 8:26	59.8	16/3/2014 17:31	63.9	17/3/2014 22:36	60.5
9/3/2014 21:16	67.2	11/3/2014 22:21	62.7	14/3/2014 19:26	64.1	16/3/2014 8:31	64.2	16/3/2014 17:36	62.1	17/3/2014 22:41	57.6
9/3/2014 21:21	63.3	11/3/2014 22:26	62.5	14/3/2014 19:31	63.8	16/3/2014 8:36	60.5	16/3/2014 17:41	62.7	17/3/2014 22:46	61.5
9/3/2014 21:26	63.1	11/3/2014 22:31	60.0	14/3/2014 19:36	64.0	16/3/2014 8:41	61.0	16/3/2014 17:46	63.7	17/3/2014 22:51	58.7
9/3/2014 21:31	63.4	11/3/2014 22:36	58.9	14/3/2014 19:41	65.0	16/3/2014 8:46	63.0	16/3/2014 17:51	62.9	18/3/2014 18:56	63.3
9/3/2014 21:36	63.7	11/3/2014 22:41	61.5	14/3/2014 19:46	64.5	16/3/2014 8:51	62.5	16/3/2014 17:56	63.5	18/3/2014 19:01	64.2
9/3/2014 21:41	61.1	11/3/2014 22:46	60.8	14/3/2014 19:51	64.6	16/3/2014 8:56	63.2	16/3/2014 18:01	63.2	18/3/2014 19:06	63.9
9/3/2014 21:46	64.9	11/3/2014 22:51	60.0	14/3/2014 19:56	65.5	16/3/2014 9:01	62.3	16/3/2014 18:06	64.2	18/3/2014 19:11	63.5
9/3/2014 21:51	63.6	12/3/2014 18:56	64.7	14/3/2014 20:01	64.4	16/3/2014 9:06	61.6	16/3/2014 18:11	63.3	18/3/2014 19:16	63.7
9/3/2014 21:56	62.5	12/3/2014 19:01	64.9	14/3/2014 20:06	63.2	16/3/2014 9:11	61.8	16/3/2014 18:16	64.6	18/3/2014 19:21	62.6
9/3/2014 22:01	60.9	12/3/2014 19:06	64.2	14/3/2014 20:11	63.6	16/3/2014 9:16	63.8	16/3/2014 18:21	63.8	18/3/2014 19:26	62.3
9/3/2014 22:06	62.2	12/3/2014 19:11	63.8	14/3/2014 20:16	63.1	16/3/2014 9:21	64.2	16/3/2014 18:26	63.7	18/3/2014 19:31	63.6
9/3/2014 22:11	64.6	12/3/2014 19:16	64.1	14/3/2014 20:21	64.8	16/3/2014 9:26	64.2	16/3/2014 18:31	64.6	18/3/2014 19:36	63.1
9/3/2014 22:16	61.7	12/3/2014 19:21	64.3	14/3/2014 20:26	64.2	16/3/2014 9:31	63.1	16/3/2014 18:36	64.8	18/3/2014 19:41	62.9
9/3/2014 22:21	61.1	12/3/2014 19:26	64.4	14/3/2014 20:31	62.9	16/3/2014 9:36	66.2	16/3/2014 18:41	63.1	18/3/2014 19:46	63.4
9/3/2014 22:26	60.7	12/3/2014 19:31	64.6	14/3/2014 20:36	62.4	16/3/2014 9:41	65.0	16/3/2014 18:46	63.3	18/3/2014 19:51	63.3
9/3/2014 22:31	60.9	12/3/2014 19:36	64.9	14/3/2014 20:41	64.3	16/3/2014 9:46	62.6	16/3/2014 18:51	62.2	18/3/2014 19:56	64.5
9/3/2014 22:36	58.9	12/3/2014 19:41	64.0	14/3/2014 20:46	62.7	16/3/2014 9:51	65.2	16/3/2014 18:56	66.0	18/3/2014 20:01	63.4
9/3/2014 22:41	62.6	12/3/2014 19:46	65.2	14/3/2014 20:51	64.8	16/3/2014 9:56	63.8	16/3/2014 19:01	62.2	18/3/2014 20:06	63.8
9/3/2014 22:46	58.0	12/3/2014 19:51	65.2	14/3/2014 20:56	62.3	16/3/2014 10:01	64.1	16/3/2014 19:06	62.3	18/3/2014 20:11	63.6
9/3/2014 22:51	58.3	12/3/2014 19:56	65.4	14/3/2014 21:01	59.6	16/3/2014 10:06	63.5	16/3/2014 19:11	62.7	18/3/2014 20:16	64.5
10/3/2014 18:56	66.0	12/3/2014 20:01	65.1	14/3/2014 21:06	53.0	16/3/2014 10:11	64.3	16/3/2014 19:16	63.0	18/3/2014 20:21	63.3
10/3/2014 19:01	65.4	12/3/2014 20:06	64.1	14/3/2014 21:11	59.1	16/3/2014 10:16	64.5	16/3/2014 19:21	62.2	18/3/2014 20:26	63.3
10/3/2014 19:06	65.0	12/3/2014 20:11	64.3	14/3/2014 21:16	53.4	16/3/2014 10:21	63.0	16/3/2014 19:26	62.0	18/3/2014 20:31	63.3
10/3/2014 19:11	63.8	12/3/2014 20:16	62.4	14/3/2014 21:21	55.6	16/3/2014 10:26	63.4	16/3/2014 19:31	62.7	18/3/2014 20:36	63.3
10/3/2014 19:16	63.9	12/3/2014 20:21	63.2	14/3/2014 21:26	58.3	16/3/2014 10:31	63.1	16/3/2014 19:36	61.3	18/3/2014 20:41	64.2
10/3/2014 19:21	65.4	12/3/2014 20:26	63.4	14/3/2014 21:31	58.5	16/3/2014 10:36	63.5	16/3/2014 19:41	62.9	18/3/2014 20:46	65.0
10/3/2014 19:26	64.7	12/3/2014 20:31	63.1	14/3/2014 21:36	60.7	16/3/2014 10:41	64.6	16/3/2014 19:46	62.5	18/3/2014 20:51	64.7
10/3/2014 19:31	61.4	12/3/2014 20:36	63.1	14/3/2014 21:41	61.2	16/3/2014 10:46	64.7	16/3/2014 19:51	62.3	18/3/2014 20:56	55.5
10/3/2014 19:36	65.7	12/3/2014 20:41	63.7	14/3/2014 21:46	60.0	16/3/2014 10:51	63.5	16/3/2014 19:56	62.7	18/3/2014 21:01	61.6
10/3/2014 19:41	65.9	12/3/2014 20:46	63.2	14/3/2014 21:51	58.7	16/3/2014 10:56	64.4	16/3/2014 20:01	58.0	18/3/2014 21:06	62.1
10/3/2014 19:46	66.0	12/3/2014 20:51	63.1	14/3/2014 21:56	60.3	16/3/2014 11:01	64.1	16/3/2014 20:06	59.4	18/3/2014 21:11	61.4
10/3/2014 19:51	55.0	12/3/2014 20:56	62.8	14/3/2014 22:01	58.1	16/3/2014 11:06	64.2	16/3/2014 20:11	59.6	18/3/2014 21:16	63.4
10/3/2014 19:56	66.3	12/3/2014 21:01	62.3	14/3/2014 22:06	60.2	16/3/2014 11:11	64.8	16/3/2014 20:16	61.1	18/3/2014 21:21	59.3
10/3/2014 20:01	65.7	12/3/2014 21:06	61.8	14/3/2014 22:11	61.5	16/3/2014 11:16	64.1	16/3/2014 20:21	61.3	18/3/2014 21:26	61.7
10/3/2014 20:06	47.1	12/3/2014 21:11	62.1	14/3/2014 22:16	60.1	16/3/2014 11:21	65.5	16/3/2014 20:26	61.6	18/3/2014 21:31	62.4
10/3/2014 20:11	65.8	12/3/2014 21:16	61.5	14/3/2014 22:21	57.6	16/3/2014 11:26	63.1	16/3/2014 20:31	65.9	18/3/2014 21:36	61.1
10/3/2014 20:16	66.0	12/3/2014 21:21	60.5	14/3/2014 22:26	59.1	16/3/2014 11:31	63.5	16/3/2014 20:36	58.8	18/3/2014 21:41	61.7
10/3/2014 20:21	58.7	12/3/2014 21:26	61.7	14/3/2014 22:31	59.7	16/3/2014 11:36	63.7	16/3/2014 20:41	61.3	18/3/2014 21:46	63.1
10/3/2014 20:26	60.5	12/3/2014 21:31	61.1	14/3/2014 22:36	61.1	16/3/2014 11:41	63.3	16/3/2014 20:46	63.4	18/3/2014 21:51	62.4
10/3/2014 20:31	63.0	12/3/2014 21:36	61.6	14/3/2014 22:41	61.6	16/3/2014 11:46	65.8	16/3/2014 20:51	61.2	18/3/2014 21:56	61.4
10/3/2014 20:36	64.5	12/3/2014 21:41	63.0	14/3/2014 22:46	61.4	16/3/2014 11:51	64.5	16/3/2014 20:56	59.7	18/3/2014 22:01	62.0
10/3/2014 20:41	64.7	12/3/2014 21:46	62.7	14/3/2014 22:51	62.5	16/3/2014 11:56	64.5	16/3/2014 21:01	56.5	18/3/2014 22:06	61.5
10/3/2014 20:46	63.8	12/3/2014 21:51	62.9	15/3/2014 18:56	64.5	16/3/2014 12:01	63.7	16/3/2014 21:06	61.0	18/3/2014 22:11	61.5
10/3/2014 20:51	62.8	12/3/2014 21:56	61.6	15/3/2014 19:01	63.4	16/3/2014 12:06	63.8	16/3/2014 21:11	61.0	18/3/2014 22:16	63.0
10/3/2014 20:56	63.5	12/3/2014 22:01	61.9	15/3/2014 19:06	63.9	16/3/2014 12:11	63.5	16/3/2014 21:16	58.2	18/3/2014 22:21	61.6
10/3/2014 21:01	63.5	12/3/2014 22:06	61.4	15/3/2014 19:11	63.2	16/3/2014 12:16	63.3	16/3/2014 21:21	60.9	18/3/2014 22:26	60.9
10/3/2014 21:06											

Real-time Noise Data		RTN3 (Po Leung Kuk Yu Lee Mo Fan Memorial School)									
19/3/2014 21:51	61.2	22/3/2014 18:56	64.7	23/3/2014 12:01	63.2	23/3/2014 21:06	58.1	25/3/2014 22:11	60.4	28/2/2014 0:01	64.7
19/3/2014 21:56	61.9	22/3/2014 19:01	64.1	23/3/2014 12:06	63.3	23/3/2014 21:11	57.9	25/3/2014 22:16	61.2	28/2/2014 0:06	64.7
19/3/2014 22:01	62.3	22/3/2014 19:06	64.8	23/3/2014 12:11	63.1	23/3/2014 21:16	60.9	25/3/2014 22:21	60.7	28/2/2014 0:11	63.8
19/3/2014 22:06	62.3	22/3/2014 19:11	63.7	23/3/2014 12:16	63.0	23/3/2014 21:21	60.9	25/3/2014 22:26	59.5	28/2/2014 0:16	63.7
19/3/2014 22:11	62.0	22/3/2014 19:16	64.6	23/3/2014 12:21	63.6	23/3/2014 21:26	57.5	25/3/2014 22:31	61.4	28/2/2014 0:21	63.2
19/3/2014 22:16	60.7	22/3/2014 19:21	63.2	23/3/2014 12:26	62.1	23/3/2014 21:31	60.7	25/3/2014 22:36	62.2	28/2/2014 0:26	63.6
19/3/2014 22:21	61.2	22/3/2014 19:26	64.1	23/3/2014 12:31	62.0	23/3/2014 21:36	60.8	25/3/2014 22:41	64.5	28/2/2014 0:31	63.3
19/3/2014 22:26	62.9	22/3/2014 19:31	63.5	23/3/2014 12:36	62.9	23/3/2014 21:41	60.4	25/3/2014 22:46	62.5	28/2/2014 0:36	61.8
19/3/2014 22:31	61.2	22/3/2014 19:36	62.3	23/3/2014 12:41	62.7	23/3/2014 21:46	63.3	25/3/2014 22:51	55.6	28/2/2014 0:41	62.4
19/3/2014 22:36	60.3	22/3/2014 19:41	63.5	23/3/2014 12:46	63.1	23/3/2014 21:51	60.7	26/3/2014 18:56	66.1	28/2/2014 0:46	63.2
19/3/2014 22:41	60.6	22/3/2014 19:46	62.9	23/3/2014 12:51	63.3	23/3/2014 21:56	57.2	26/3/2014 19:01	64.0	28/2/2014 0:51	62.3
19/3/2014 22:46	61.6	22/3/2014 19:51	64.0	23/3/2014 12:56	65.0	23/3/2014 22:01	61.0	26/3/2014 19:06	62.7	28/2/2014 0:56	61.9
19/3/2014 22:51	61.9	22/3/2014 19:56	63.6	23/3/2014 13:01	64.3	23/3/2014 22:06	60.9	26/3/2014 19:11	63.9	28/2/2014 1:01	61.3
20/3/2014 18:56	61.9	22/3/2014 20:01	66.1	23/3/2014 13:06	62.9	23/3/2014 22:11	58.4	26/3/2014 19:16	62.1	28/2/2014 1:06	61.3
20/3/2014 19:01	62.2	22/3/2014 20:06	63.2	23/3/2014 13:11	62.4	23/3/2014 22:16	56.7	26/3/2014 19:21	64.3	28/2/2014 1:11	59.6
20/3/2014 19:06	63.6	22/3/2014 20:11	63.4	23/3/2014 13:16	62.9	23/3/2014 22:21	57.7	26/3/2014 19:26	63.0	28/2/2014 1:16	61.0
20/3/2014 19:11	63.5	22/3/2014 20:16	62.2	23/3/2014 13:21	61.1	23/3/2014 22:26	57.4	26/3/2014 19:31	63.7	28/2/2014 1:21	60.1
20/3/2014 19:16	64.5	22/3/2014 20:21	61.6	23/3/2014 13:26	62.8	23/3/2014 22:31	53.9	26/3/2014 19:36	62.3	28/2/2014 1:26	62.8
20/3/2014 19:21	63.5	22/3/2014 20:26	60.3	23/3/2014 13:31	64.0	23/3/2014 22:36	55.7	26/3/2014 19:41	65.2	28/2/2014 1:31	58.3
20/3/2014 19:26	63.4	22/3/2014 20:31	62.5	23/3/2014 13:36	61.3	23/3/2014 22:41	59.6	26/3/2014 19:46	66.3	28/2/2014 1:36	60.8
20/3/2014 19:31	62.7	22/3/2014 20:36	61.8	23/3/2014 13:41	62.9	23/3/2014 22:46	66.4	26/3/2014 19:51	64.3	28/2/2014 1:41	48.8
20/3/2014 19:36	64.0	22/3/2014 20:41	61.5	23/3/2014 13:46	63.4	23/3/2014 22:51	49.7	26/3/2014 19:56	63.6	28/2/2014 1:46	62.4
20/3/2014 19:41	65.2	22/3/2014 20:46	63.7	23/3/2014 13:51	62.8	24/3/2014 18:56	64.3	26/3/2014 20:01	62.2	28/2/2014 1:51	51.5
20/3/2014 19:46	63.2	22/3/2014 20:51	62.1	23/3/2014 13:56	62.7	24/3/2014 19:01	64.0	26/3/2014 20:06	63.0	28/2/2014 1:56	53.3
20/3/2014 19:51	63.4	22/3/2014 20:56	62.6	23/3/2014 14:01	63.4	24/3/2014 19:06	63.1	26/3/2014 20:11	61.5	28/2/2014 2:01	56.8
20/3/2014 19:56	64.2	22/3/2014 21:01	58.6	23/3/2014 14:06	62.6	24/3/2014 19:11	62.3	26/3/2014 20:16	63.3	28/2/2014 2:06	51.6
20/3/2014 20:01	64.4	22/3/2014 21:06	58.4	23/3/2014 14:11	63.0	24/3/2014 19:16	63.5	26/3/2014 20:21	63.5	28/2/2014 2:11	56.6
20/3/2014 20:06	62.6	22/3/2014 21:11	62.2	23/3/2014 14:16	60.6	24/3/2014 19:21	64.0	26/3/2014 20:26	62.9	28/2/2014 2:16	56.3
20/3/2014 20:11	62.6	22/3/2014 21:16	62.4	23/3/2014 14:21	63.5	24/3/2014 19:26	64.7	26/3/2014 20:31	63.0	28/2/2014 2:21	56.0
20/3/2014 20:16	63.6	22/3/2014 21:21	54.4	23/3/2014 14:26	61.4	24/3/2014 19:31	64.5	26/3/2014 20:36	62.4	28/2/2014 2:26	54.6
20/3/2014 20:21	62.8	22/3/2014 21:26	59.8	23/3/2014 14:31	63.5	24/3/2014 19:36	63.2	26/3/2014 20:41	61.6	28/2/2014 2:31	54.9
20/3/2014 20:26	62.7	22/3/2014 21:31	61.6	23/3/2014 14:36	64.1	24/3/2014 19:41	64.2	26/3/2014 20:46	61.0	28/2/2014 2:36	50.0
20/3/2014 20:31	62.2	22/3/2014 21:36	61.7	23/3/2014 14:41	62.8	24/3/2014 19:46	64.2	26/3/2014 20:51	64.7	28/2/2014 2:41	62.9
20/3/2014 20:36	62.2	22/3/2014 21:41	61.7	23/3/2014 14:46	63.1	24/3/2014 19:51	64.3	26/3/2014 20:56	61.0	28/2/2014 2:46	62.5
20/3/2014 20:41	59.4	22/3/2014 21:46	60.0	23/3/2014 14:51	62.0	24/3/2014 19:56	64.7	26/3/2014 21:01	62.9	28/2/2014 2:51	62.4
20/3/2014 20:46	56.6	22/3/2014 21:51	59.6	23/3/2014 14:56	61.1	24/3/2014 20:01	63.1	26/3/2014 21:06	61.3	28/2/2014 2:56	61.8
20/3/2014 20:51	60.2	22/3/2014 21:56	59.9	23/3/2014 15:01	64.0	24/3/2014 20:06	64.1	26/3/2014 21:11	61.7	28/2/2014 3:01	61.9
20/3/2014 20:56	62.2	22/3/2014 22:01	61.4	23/3/2014 15:06	63.5	24/3/2014 20:11	64.2	26/3/2014 21:16	62.1	28/2/2014 3:06	62.6
20/3/2014 21:01	54.6	22/3/2014 22:06	59.8	23/3/2014 15:11	61.3	24/3/2014 20:16	63.4	26/3/2014 21:21	61.4	28/2/2014 3:11	61.8
20/3/2014 21:06	60.8	22/3/2014 22:11	52.0	23/3/2014 15:16	61.2	24/3/2014 20:21	60.6	26/3/2014 21:26	62.5	28/2/2014 3:16	62.3
20/3/2014 21:11	58.5	22/3/2014 22:16	62.8	23/3/2014 15:21	62.2	24/3/2014 20:26	63.0	26/3/2014 21:31	64.9	28/2/2014 3:21	62.4
20/3/2014 21:16	60.2	22/3/2014 22:21	55.6	23/3/2014 15:26	61.4	24/3/2014 20:31	63.2	26/3/2014 21:36	62.6	28/2/2014 3:26	61.5
20/3/2014 21:21	60.9	22/3/2014 22:26	61.4	23/3/2014 15:31	61.7	24/3/2014 20:36	62.4	26/3/2014 21:41	59.6	28/2/2014 3:31	63.1
20/3/2014 21:26	60.8	22/3/2014 22:31	61.2	23/3/2014 15:36	62.1	24/3/2014 20:41	60.9	26/3/2014 21:46	63.2	28/2/2014 3:36	62.1
20/3/2014 21:31	61.7	22/3/2014 22:36	60.4	23/3/2014 15:41	62.5	24/3/2014 20:46	62.0	26/3/2014 21:51	61.5	28/2/2014 3:41	62.0
20/3/2014 21:36	61.0	22/3/2014 22:41	57.2	23/3/2014 15:46	62.9	24/3/2014 20:51	60.9	26/3/2014 21:56	63.8	28/2/2014 3:46	61.6
20/3/2014 21:41	62.0	22/3/2014 22:46	61.1	23/3/2014 15:51	62.1	24/3/2014 20:56	64.8	26/3/2014 22:01	61.2	28/2/2014 3:51	61.9
20/3/2014 21:46	61.0	22/3/2014 22:51	61.0	23/3/2014 15:56	62.6	24/3/2014 21:01	60.7	26/3/2014 22:06	60.9	28/2/2014 3:56	60.7
20/3/2014 21:51	61.1	23/3/2014 6:56	53.0	23/3/2014 16:01	64.1	24/3/2014 21:06	57.2	26/3/2014 22:11	60.1	28/2/2014 4:01	60.1
20/3/2014 21:56	61.5	23/3/2014 7:01	65.1	23/3/2014 16:06	62.8	24/3/2014 21:11	61.3	26/3/2014 22:16	64.3	28/2/2014 4:06	61.3
20/3/2014 22:01	59.6	23/3/2014 7:06	66.2	23/3/2014 16:11	61.7	24/3/2014 21:16	60.6	26/3/2014 22:21	62.4	28/2/2014 4:11	60.9
20/3/2014 22:06	64.6	23/3/2014 7:11	61.8	23/3/2014 16:16	60.3	24/3/2014 21:21	61.5	26/3/2014 22:26	62.6	28/2/2014 4:16	61.2
20/3/2014 22:11	61.5	23/3/2014 7:16	66.2	23/3/2014 16:21	62.3	24/3/2014 21:26	59.8	26/3/2014 22:31	62.5	28/2/2014 4:21	61.7
20/3/2014 22:16	62.2	23/3/2014 7:21	69.1	23/3/2014 16:26	63.3	24/3/2014 21:31	62.5	26/3/2014 22:36	61.3	28/2/2014 4:26	60.2
20/3/2014 22:21	58.2	23/3/2014 7:26	66.2	23/3/2014 16:31	62.1	24/3/2014 21:36	61.0	26/3/2014 22:41	59.8	28/2/2014 4:31	61.6
20/3/2014 22:26	61.1	23/3/2014 7:31	62.0	23/3/2014 16:36	62.1	24/3/2014 21:41	61.0	26/3/2014 22:46	60.2	28/2/2014 4:36	61.5
20/3/2014 22:31	61.3	23/3/2014 7:36	66.4	23/3/2014 16:41	62.2	24/3/2014 21:46	60.8	26/3/2014 22:51	58.9	28/2/2014 4:41	63.0
20/3/2014 22:36	62.0	23/3/2014 7:41	66.0	23/3/2014 16:46	63.3	24/3/2014 21:51	60.9	27/3/2014 18:56	62.8	28/2/2014 4:46	61.1
20/3/2014 22:41	62.0	23/3/2014 7:46	56.9	23/3/2014 16:51	63.1	24/3/2014 21:56	62.1	27/3/2014 19:01	63.7	28/2/2014 4:51	61.9
20/3/2014 22:46	59.3	23/3/2014 7:51	66.5	23/3/2014 16:56	64.3	24/3/2014 22:01	60.7	27/3/2014 19:06	63.1	28/2/2014 4:56	61.5
20/3/2014 22:51	63.5	23/3/2014 7:56	62.0	23/3/2014 17:01	62.5	24/3/2014 22:06	60.4	27/3/2014 19:11	61.7	28/2/2014 5:01	63.0
21/3/2014 18:56	65.3	23/3/2014 8:01	66.4	23/3/2014 17:06	63.0	24/3/2014 22:11	60.7	27/3/2014 19:16	63.8	28/2/2014 5:06	62.9
21/3/2014 19:01	64.1	23/3/2014 8:06	66.2	23/3/2014 17:11	69.9	24/3/2014 22:16	62.6	27/3/2014 19:21	64.1	28/2/2014 5:11	61.3
21/3/2014 19:06	64.0	23/3/2014 8:11	58.6	23/3/2014 17:16	63.7	24/3/2014 22:21	60.6	27/3/2014 19:26	63.2	28/2/2014 5:16	59.0
21/3/2014 19:11	68.2	23/3/2014 8:16	62.4	23/3/2014 17:21	63.4	24/3/2014 22:26	58.5	27/3/2014 19:31	63.2	28/2/2014 5:21	62.1
21/3/2014 19:16	64.4	23/3/2014 8:21	61.4	23/3/2014 17:26	66.1	24/3/2014 22:31	54.6	27/3/2014 19:36	64.4	28/2/2014 5:26	61.8
21/3/2014 19:21	66.2	23/3/2014 8:26	58.1	23/3/2014 17:31	71.5	24/3/2014 22:36	60.5	27/3/2014 19:41	64.4	28/2/2014 5:31	62.5
21/3/2014 19:26	63.4	23/3/2014 8:31	59.3	23/3/2014 17:36	74.1	24/3/2014 22:41	59.6	27/3/2014 19:46	63.8	28/2/2014 5:36	51.5
21/3/2014 19:31	65.1	23/3/2014 8:36	59.1	23/3/2014 17:41	63.4	24/3/2014 22:46	54.0	27/3/2014 19:51	64.1	28/2/2014 5:41	62.9
21/3/2014 19:36	63.9	2									

Real-time Noise Data		RTN3 (Po Leung Kuk Yu Lee Mo Fan Memorial School)									
1/3/2014 1:06	64.4	2/3/2014 2:11	59.0	3/3/2014 3:16	61.6	4/3/2014 4:21	62.1	5/3/2014 5:26	48.3	6/3/2014 6:31	64.1
1/3/2014 1:11	63.1	2/3/2014 2:16	59.8	3/3/2014 3:21	61.0	4/3/2014 4:26	62.3	5/3/2014 5:31	62.4	6/3/2014 6:36	64.0
1/3/2014 1:16	63.5	2/3/2014 2:21	65.9	3/3/2014 3:26	60.9	4/3/2014 4:31	61.5	5/3/2014 5:36	54.6	6/3/2014 6:41	64.9
1/3/2014 1:21	63.3	2/3/2014 2:26	58.7	3/3/2014 3:31	60.5	4/3/2014 4:36	61.7	5/3/2014 5:41	47.9	6/3/2014 6:46	65.0
1/3/2014 1:26	62.8	2/3/2014 2:31	61.1	3/3/2014 3:36	62.3	4/3/2014 4:41	61.7	5/3/2014 5:46	56.6	6/3/2014 6:51	66.8
1/3/2014 1:31	63.0	2/3/2014 2:36	59.2	3/3/2014 3:41	61.1	4/3/2014 4:46	62.2	5/3/2014 5:51	59.7	6/3/2014 6:56	67.2
1/3/2014 1:36	62.7	2/3/2014 2:41	55.5	3/3/2014 3:46	62.2	4/3/2014 4:51	61.4	5/3/2014 5:56	55.7	6/3/2014 7:01	65.2
1/3/2014 1:41	62.8	2/3/2014 2:46	57.0	3/3/2014 3:51	61.1	4/3/2014 4:56	62.2	5/3/2014 6:01	58.0	6/3/2014 7:06	64.7
1/3/2014 1:46	63.8	2/3/2014 2:51	59.3	3/3/2014 3:56	62.7	4/3/2014 5:01	62.8	5/3/2014 6:06	57.5	6/3/2014 7:11	64.7
1/3/2014 1:51	62.3	2/3/2014 2:56	58.8	3/3/2014 4:01	61.0	4/3/2014 5:06	63.1	5/3/2014 6:11	61.3	6/3/2014 7:16	64.9
1/3/2014 1:56	62.3	2/3/2014 3:01	59.4	3/3/2014 4:06	62.1	4/3/2014 5:11	61.6	5/3/2014 6:16	60.6	6/3/2014 7:21	64.6
1/3/2014 2:01	61.4	2/3/2014 3:06	62.9	3/3/2014 4:11	62.3	4/3/2014 5:16	62.6	5/3/2014 6:21	61.2	6/3/2014 7:26	64.9
1/3/2014 2:06	62.3	2/3/2014 3:11	61.6	3/3/2014 4:16	61.3	4/3/2014 5:21	52.1	5/3/2014 6:26	63.9	6/3/2014 7:31	65.1
1/3/2014 2:11	59.9	2/3/2014 3:16	61.1	3/3/2014 4:21	62.6	4/3/2014 5:26	62.6	5/3/2014 6:31	64.6	6/3/2014 7:36	64.1
1/3/2014 2:16	60.7	2/3/2014 3:21	61.9	3/3/2014 4:26	60.6	4/3/2014 5:31	62.4	5/3/2014 6:36	63.8	6/3/2014 7:41	65.0
1/3/2014 2:21	61.3	2/3/2014 3:26	59.4	3/3/2014 4:31	61.5	4/3/2014 5:36	62.6	5/3/2014 6:41	66.7	6/3/2014 7:46	64.6
1/3/2014 2:26	60.9	2/3/2014 3:31	56.8	3/3/2014 4:36	61.1	4/3/2014 5:41	55.9	5/3/2014 6:46	66.4	6/3/2014 7:51	64.1
1/3/2014 2:31	61.1	2/3/2014 3:36	59.2	3/3/2014 4:41	62.1	4/3/2014 5:46	60.1	5/3/2014 6:51	67.1	6/3/2014 7:56	64.0
1/3/2014 2:36	60.2	2/3/2014 3:41	53.5	3/3/2014 4:46	47.2	4/3/2014 5:51	59.0	5/3/2014 6:56	67.3	7/3/2014 0:01	63.3
1/3/2014 2:41	61.3	2/3/2014 3:46	57.5	3/3/2014 4:51	62.0	4/3/2014 5:56	58.0	5/3/2014 7:01	66.0	7/3/2014 0:06	63.5
1/3/2014 2:46	59.3	2/3/2014 3:51	56.0	3/3/2014 4:56	61.4	4/3/2014 6:01	58.1	5/3/2014 7:06	65.2	7/3/2014 0:11	64.0
1/3/2014 2:51	58.4	2/3/2014 3:56	62.8	3/3/2014 5:01	62.3	4/3/2014 6:06	58.0	5/3/2014 7:11	65.8	7/3/2014 0:16	64.2
1/3/2014 2:56	60.3	2/3/2014 4:01	53.6	3/3/2014 5:06	62.9	4/3/2014 6:11	62.2	5/3/2014 7:16	65.9	7/3/2014 0:21	62.8
1/3/2014 3:01	61.2	2/3/2014 4:06	55.3	3/3/2014 5:11	56.3	4/3/2014 6:16	60.6	5/3/2014 7:21	65.7	7/3/2014 0:26	61.1
1/3/2014 3:06	59.9	2/3/2014 4:11	51.2	3/3/2014 5:16	61.3	4/3/2014 6:21	62.7	5/3/2014 7:26	65.7	7/3/2014 0:31	62.1
1/3/2014 3:11	60.2	2/3/2014 4:16	62.9	3/3/2014 5:21	51.9	4/3/2014 6:26	64.6	5/3/2014 7:31	66.2	7/3/2014 0:36	61.5
1/3/2014 3:16	62.3	2/3/2014 4:21	54.0	3/3/2014 5:26	56.6	4/3/2014 6:31	65.0	5/3/2014 7:36	65.6	7/3/2014 0:41	62.7
1/3/2014 3:21	59.8	2/3/2014 4:26	49.1	3/3/2014 5:31	62.5	4/3/2014 6:36	65.5	5/3/2014 7:41	65.7	7/3/2014 0:46	60.5
1/3/2014 3:26	59.7	2/3/2014 4:31	56.1	3/3/2014 5:36	56.7	4/3/2014 6:41	66.4	5/3/2014 7:46	64.5	7/3/2014 0:51	61.0
1/3/2014 3:31	59.4	2/3/2014 4:36	63.0	3/3/2014 5:41	59.9	4/3/2014 6:46	66.8	5/3/2014 7:51	64.2	7/3/2014 0:56	62.1
1/3/2014 3:36	57.8	2/3/2014 4:41	54.1	3/3/2014 5:46	55.4	4/3/2014 6:51	67.7	5/3/2014 7:56	64.8	7/3/2014 1:01	60.6
1/3/2014 3:41	55.0	2/3/2014 4:46	62.9	3/3/2014 5:51	58.4	4/3/2014 6:56	67.7	6/3/2014 0:01	64.5	7/3/2014 1:06	61.4
1/3/2014 3:46	56.9	2/3/2014 4:51	51.0	3/3/2014 5:56	62.5	4/3/2014 7:01	65.5	6/3/2014 0:06	64.8	7/3/2014 1:11	59.3
1/3/2014 3:51	58.3	2/3/2014 4:56	62.8	3/3/2014 6:01	61.8	4/3/2014 7:06	64.6	6/3/2014 0:11	63.9	7/3/2014 1:16	61.3
1/3/2014 3:56	54.3	2/3/2014 5:01	62.8	3/3/2014 6:06	63.2	4/3/2014 7:11	64.9	6/3/2014 0:16	64.3	7/3/2014 1:21	56.3
1/3/2014 4:01	52.6	2/3/2014 5:06	56.2	3/3/2014 6:11	62.7	4/3/2014 7:16	64.8	6/3/2014 0:21	65.0	7/3/2014 1:26	60.6
1/3/2014 4:06	55.9	2/3/2014 5:11	60.4	3/3/2014 6:16	62.8	4/3/2014 7:21	64.7	6/3/2014 0:26	64.6	7/3/2014 1:31	58.2
1/3/2014 4:11	57.8	2/3/2014 5:16	56.6	3/3/2014 6:21	65.3	4/3/2014 7:26	64.6	6/3/2014 0:31	63.6	7/3/2014 1:36	56.3
1/3/2014 4:16	55.8	2/3/2014 5:21	56.4	3/3/2014 6:26	65.2	4/3/2014 7:31	65.1	6/3/2014 0:36	63.3	7/3/2014 1:41	57.2
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1/3/2014 4:26	62.9	2/3/2014 5:31	62.8	3/3/2014 6:36	67.0	4/3/2014 7:41	65.3	6/3/2014 0:46	61.9	7/3/2014 1:51	51.6
1/3/2014 4:31	63.1	2/3/2014 5:36	62.6	3/3/2014 6:41	67.4	4/3/2014 7:46	64.1	6/3/2014 0:51	62.1	7/3/2014 1:56	59.3
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1/3/2014 4:56	51.8	2/3/2014 6:01	49.4	3/3/2014 7:06	64.7	5/3/2014 0:11	63.7	6/3/2014 1:16	60.7	7/3/2014 2:21	45.2
1/3/2014 5:01	56.3	2/3/2014 6:06	55.5	3/3/2014 7:11	65.0	5/3/2014 0:16	63.3	6/3/2014 1:21	60.4	7/3/2014 2:26	62.4
1/3/2014 5:06	54.0	2/3/2014 6:11	46.8	3/3/2014 7:16	65.6	5/3/2014 0:21	62.9	6/3/2014 1:26	60.9	7/3/2014 2:31	46.8
1/3/2014 5:11	59.4	2/3/2014 6:16	55.7	3/3/2014 7:21	64.7	5/3/2014 0:26	63.3	6/3/2014 1:31	59.2	7/3/2014 2:36	62.4
1/3/2014 5:16	63.4	2/3/2014 6:21	58.0	3/3/2014 7:26	64.6	5/3/2014 0:31	62.9	6/3/2014 1:36	59.7	7/3/2014 2:41	62.7
1/3/2014 5:21	52.5	2/3/2014 6:26	57.4	3/3/2014 7:31	65.1	5/3/2014 0:36	61.5	6/3/2014 1:41	58.7	7/3/2014 2:46	62.8
1/3/2014 5:26	42.8	2/3/2014 6:31	59.5	3/3/2014 7:36	64.5	5/3/2014 0:41	60.5	6/3/2014 1:46	55.0	7/3/2014 2:51	61.5
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1/3/2014 6:16	60.0	2/3/2014 7:21	66.7	4/3/2014 0:26	62.7	5/3/2014 1:31	54.3	6/3/2014 2:36	62.1	7/3/2014 3:41	62.1
1/3/2014 6:21	62.8	2/3/2014 7:26	65.4	4/3/2014 0:31	61.5	5/3/2014 1:36	53.1	6/3/2014 2:41	62.3	7/3/2014 3:46	61.2
1/3/2014 6:26	60.9	2/3/2014 7:31	65.7	4/3/2014 0:36	61.4	5/3/2014 1:41	57.2	6/3/2014 2:46	62.6	7/3/2014 3:51	61.7
1/3/2014 6:31	62.3	2/3/2014 7:36	65.1	4/3/2014 0:41	62.5	5/3/2014 1:46	54.4	6/3/2014 2:51	52.8	7/3/2014 3:56	61.8
1/3/2014 6:36	61.3	2/3/2014 7:41	65.8	4/3/2014 0:46	61.1	5/3/2014 1:51	51.8	6/3/2014 2:56	62.9	7/3/2014 4:01	60.7
1/3/2014 6:41	63.2	2/3/2014 7:46	65.7	4/3/2014 0:51	60.1	5/3/2014 1:56	44.5	6/3/2014 3:01	63.0	7/3/2014 4:06	61.7
1/3/2014 6:46	64.6	2/3/2014 7:51	64.8	4/3/2014 0:56	60.4	5/3/2014 2:01	56.3	6/3/2014 3:06	63.0	7/3/2014 4:11	60.8
1/3/2014 6:51	63.6	2/3/2014 7:56	64.6	4/3/2014 1:01	59.1	5/3/2014 2:06	62.6	6/3/2014 3:11	62.4	7/3/2014 4:16	60.4
1/3/2014 6:56	64.0	3/3/2014 0:01	66.2	4/3/2014 1:06	58.6	5/3/2014 2:11	63.1	6/3/2014 3:16	62.3	7/3/2014 4:21	60.8
1/3/2014 7:01	65.4	3/3/2014 0:06	65.0	4/3/2014 1:11	52.1	5/3/2014 2:16	51.2	6/3/2014 3:21	62.7	7/3/2014 4:26	61.4
1/3/2014 7:06	65.6	3/3/2014 0:11	65.6	4/3/2014 1:16	58.6	5/3/2014 2:21	63.1	6/3/2014 3:26	61.4	7/3/2014 4:31	61.4
1/3/2014 7:11	65.2	3/3/2014 0:16	64.5	4/3/2014 1:21	56.9	5/3/2014 2:26	5				

Real-time Noise Data

RTN3 (Po Leung Kuk Yu Lee Mo Fan Memorial School)

7/3/2014 23:36	66.7	9/3/2014 0:41	63.9	10/3/2014 1:46	47.6	11/3/2014 2:51	54.5	12/3/2014 3:56	61.6	13/3/2014 5:01	62.2
7/3/2014 23:41	66.9	9/3/2014 0:46	63.4	10/3/2014 1:51	47.9	11/3/2014 2:56	62.0	12/3/2014 4:01	60.3	13/3/2014 5:06	62.2
7/3/2014 23:46	66.3	9/3/2014 0:51	63.8	10/3/2014 1:56	63.1	11/3/2014 3:01	62.7	12/3/2014 4:06	61.8	13/3/2014 5:11	61.9
7/3/2014 23:51	65.8	9/3/2014 0:56	63.7	10/3/2014 2:01	62.7	11/3/2014 3:06	53.2	12/3/2014 4:11	60.8	13/3/2014 5:16	56.2
7/3/2014 23:56	67.1	9/3/2014 1:01	62.5	10/3/2014 2:06	61.9	11/3/2014 3:11	62.8	12/3/2014 4:16	61.0	13/3/2014 5:21	62.1
8/3/2014 0:01	65.7	9/3/2014 1:06	62.8	10/3/2014 2:11	63.1	11/3/2014 3:16	61.8	12/3/2014 4:21	61.3	13/3/2014 5:26	39.7
8/3/2014 0:06	66.5	9/3/2014 1:11	62.4	10/3/2014 2:16	62.1	11/3/2014 3:21	62.5	12/3/2014 4:26	61.1	13/3/2014 5:31	62.6
8/3/2014 0:11	65.8	9/3/2014 1:16	62.7	10/3/2014 2:21	62.4	11/3/2014 3:26	62.0	12/3/2014 4:31	61.2	13/3/2014 5:36	62.6
8/3/2014 0:16	66.2	9/3/2014 1:21	62.3	10/3/2014 2:26	62.4	11/3/2014 3:31	61.6	12/3/2014 4:36	61.6	13/3/2014 5:41	62.1
8/3/2014 0:21	65.7	9/3/2014 1:26	63.4	10/3/2014 2:31	61.8	11/3/2014 3:36	62.7	12/3/2014 4:41	61.7	13/3/2014 5:46	51.0
8/3/2014 0:26	66.3	9/3/2014 1:31	59.8	10/3/2014 2:36	60.4	11/3/2014 3:41	62.6	12/3/2014 4:46	62.0	13/3/2014 5:51	52.1
8/3/2014 0:31	66.0	9/3/2014 1:36	63.5	10/3/2014 2:41	61.8	11/3/2014 3:46	61.8	12/3/2014 4:51	62.1	13/3/2014 5:56	45.8
8/3/2014 0:36	65.6	9/3/2014 1:41	61.9	10/3/2014 2:46	61.8	11/3/2014 3:51	62.5	12/3/2014 4:56	61.4	13/3/2014 6:01	59.0
8/3/2014 0:41	65.6	9/3/2014 1:46	61.1	10/3/2014 2:51	62.4	11/3/2014 3:56	61.5	12/3/2014 5:01	61.6	13/3/2014 6:06	59.3
8/3/2014 0:46	64.8	9/3/2014 1:51	61.6	10/3/2014 2:56	61.3	11/3/2014 4:01	62.0	12/3/2014 5:06	62.5	13/3/2014 6:11	56.6
8/3/2014 0:51	65.1	9/3/2014 1:56	60.7	10/3/2014 3:01	61.6	11/3/2014 4:06	61.9	12/3/2014 5:11	61.7	13/3/2014 6:16	60.7
8/3/2014 0:56	64.2	9/3/2014 2:01	60.9	10/3/2014 3:06	60.9	11/3/2014 4:11	62.0	12/3/2014 5:16	62.7	13/3/2014 6:21	60.0
8/3/2014 1:01	62.6	9/3/2014 2:06	60.4	10/3/2014 3:11	60.6	11/3/2014 4:16	62.0	12/3/2014 5:21	62.5	13/3/2014 6:26	62.7
8/3/2014 1:06	63.1	9/3/2014 2:11	61.0	10/3/2014 3:16	61.5	11/3/2014 4:21	60.6	12/3/2014 5:26	62.8	13/3/2014 6:31	64.0
8/3/2014 1:11	63.4	9/3/2014 2:16	61.3	10/3/2014 3:21	61.4	11/3/2014 4:26	62.0	12/3/2014 5:31	62.5	13/3/2014 6:36	64.8
8/3/2014 1:16	62.4	9/3/2014 2:21	59.2	10/3/2014 3:26	60.4	11/3/2014 4:31	61.2	12/3/2014 5:36	62.9	13/3/2014 6:41	64.6
8/3/2014 1:21	63.2	9/3/2014 2:26	62.1	10/3/2014 3:31	60.3	11/3/2014 4:36	60.9	12/3/2014 5:41	47.2	13/3/2014 6:46	65.4
8/3/2014 1:26	63.6	9/3/2014 2:31	62.1	10/3/2014 3:36	61.3	11/3/2014 4:41	61.6	12/3/2014 5:46	58.3	13/3/2014 6:51	65.8
8/3/2014 1:31	62.8	9/3/2014 2:36	61.7	10/3/2014 3:41	60.6	11/3/2014 4:46	61.4	12/3/2014 5:51	58.0	13/3/2014 6:56	66.6
8/3/2014 1:36	63.3	9/3/2014 2:41	60.6	10/3/2014 3:46	60.6	11/3/2014 4:51	62.0	12/3/2014 5:56	59.7	13/3/2014 23:01	66.7
8/3/2014 1:41	62.9	9/3/2014 2:46	61.2	10/3/2014 3:51	61.4	11/3/2014 4:56	61.4	12/3/2014 6:01	50.3	13/3/2014 23:06	65.9
8/3/2014 1:46	64.1	9/3/2014 2:51	60.2	10/3/2014 3:56	60.9	11/3/2014 5:01	61.3	12/3/2014 6:06	58.5	13/3/2014 23:11	65.6
8/3/2014 1:51	63.9	9/3/2014 2:56	60.0	10/3/2014 4:01	60.1	11/3/2014 5:06	62.6	12/3/2014 6:11	60.2	13/3/2014 23:16	65.6
8/3/2014 1:56	63.8	9/3/2014 3:01	58.3	10/3/2014 4:06	60.9	11/3/2014 5:11	62.7	12/3/2014 6:16	60.3	13/3/2014 23:21	65.8
8/3/2014 2:01	61.9	9/3/2014 3:06	59.4	10/3/2014 4:11	61.0	11/3/2014 5:16	62.4	12/3/2014 6:21	62.2	13/3/2014 23:26	65.4
8/3/2014 2:06	62.1	9/3/2014 3:11	57.4	10/3/2014 4:16	61.4	11/3/2014 5:21	61.9	12/3/2014 6:26	63.5	13/3/2014 23:31	65.0
8/3/2014 2:11	61.5	9/3/2014 3:16	58.3	10/3/2014 4:21	60.7	11/3/2014 5:26	61.4	12/3/2014 6:31	64.1	13/3/2014 23:36	66.7
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8/3/2014 4:51	62.3	9/3/2014 5:56	60.2	10/3/2014 23:01	65.4	12/3/2014 0:06	63.9	13/3/2014 1:11	60.9	14/3/2014 2:16	62.4
8/3/2014 4:56	62.6	9/3/2014 6:01	59.7	10/3/2014 23:06	65.8	12/3/2014 0:11	63.4	13/3/2014 1:16	61.8	14/3/2014 2:21	55.9
8/3/2014 5:01	53.8	9/3/2014 6:06	59.7	10/3/2014 23:11	65.6	12/3/2014 0:16	63.4	13/3/2014 1:21	62.5	14/3/2014 2:26	63.0
8/3/2014 5:06	63.1	9/3/2014 6:11	58.3	10/3/2014 23:16	64.7	12/3/2014 0:21	63.6	13/3/2014 1:26	59.9	14/3/2014 2:31	62.8
8/3/2014 5:11	63.0	9/3/2014 6:16	58.1	10/3/2014 23:21	65.8	12/3/2014 0:26	63.0	13/3/2014 1:31	59.8	14/3/2014 2:36	62.7
8/3/2014 5:16	61.5	9/3/2014 6:21	57.1	10/3/2014 23:26	64.6	12/3/2014 0:31	61.7	13/3/2014 1:36	58.8	14/3/2014 2:41	62.2
8/3/2014 5:21	63.0	9/3/2014 6:26	63.0	10/3/2014 23:31	64.7	12/3/2014 0:36	61.8	13/3/2014 1:41	58.3	14/3/2014 2:46	54.0
8/3/2014 5:26	63.1	9/3/2014 6:31	60.3	10/3/2014 23:36	65.1	12/3/2014 0:41	62.0	13/3/2014 1:46	55.0	14/3/2014 2:51	62.3
8/3/2014 5:31	43.7	9/3/2014 6:36	60.4	10/3/20							

Real-time Noise Data		RTN3 (Po Leung Kuk Yu Lee Mo Fan Memorial School)									
14/3/2014 6:06	58.9	15/3/2014 23:11	65.6	17/3/2014 0:16	61.4	18/3/2014 1:21	56.0	19/3/2014 2:26	62.6	20/3/2014 3:31	61.0
14/3/2014 6:11	61.6	15/3/2014 23:16	66.2	17/3/2014 0:21	61.9	18/3/2014 1:26	57.8	19/3/2014 2:31	62.9	20/3/2014 3:36	60.7
14/3/2014 6:16	61.0	15/3/2014 23:21	65.3	17/3/2014 0:26	61.3	18/3/2014 1:31	55.4	19/3/2014 2:36	55.1	20/3/2014 3:41	62.5
14/3/2014 6:21	61.0	15/3/2014 23:26	64.5	17/3/2014 0:31	61.4	18/3/2014 1:36	56.0	19/3/2014 2:41	62.1	20/3/2014 3:46	60.5
14/3/2014 6:26	63.5	15/3/2014 23:31	65.2	17/3/2014 0:36	57.8	18/3/2014 1:41	63.0	19/3/2014 2:46	62.2	20/3/2014 3:51	61.7
14/3/2014 6:31	64.0	15/3/2014 23:36	65.2	17/3/2014 0:41	60.3	18/3/2014 1:46	49.8	19/3/2014 2:51	62.4	20/3/2014 3:56	61.6
14/3/2014 6:36	63.7	15/3/2014 23:41	65.2	17/3/2014 0:46	60.5	18/3/2014 1:51	41.5	19/3/2014 2:56	62.7	20/3/2014 4:01	61.9
14/3/2014 6:41	65.7	15/3/2014 23:46	64.9	17/3/2014 0:51	55.9	18/3/2014 1:56	62.8	19/3/2014 3:01	62.3	20/3/2014 4:06	62.0
14/3/2014 6:46	65.5	15/3/2014 23:51	64.4	17/3/2014 0:56	59.5	18/3/2014 2:01	62.6	19/3/2014 3:06	61.4	20/3/2014 4:11	60.4
14/3/2014 6:51	67.1	15/3/2014 23:56	64.2	17/3/2014 1:01	55.8	18/3/2014 2:06	63.0	19/3/2014 3:11	62.1	20/3/2014 4:16	61.3
14/3/2014 6:56	67.1	16/3/2014 0:01	64.6	17/3/2014 1:06	54.5	18/3/2014 2:11	63.0	19/3/2014 3:16	62.0	20/3/2014 4:21	61.1
14/3/2014 7:01	65.9	16/3/2014 0:06	64.4	17/3/2014 1:11	58.4	18/3/2014 2:16	63.0	19/3/2014 3:21	62.1	20/3/2014 4:26	61.7
14/3/2014 23:06	66.2	16/3/2014 0:11	64.7	17/3/2014 1:16	47.2	18/3/2014 2:21	62.7	19/3/2014 3:26	61.5	20/3/2014 4:31	61.5
14/3/2014 23:11	66.2	16/3/2014 0:16	65.2	17/3/2014 1:21	54.9	18/3/2014 2:26	61.9	19/3/2014 3:31	62.4	20/3/2014 4:36	61.9
14/3/2014 23:16	66.5	16/3/2014 0:21	65.5	17/3/2014 1:26	62.4	18/3/2014 2:31	62.4	19/3/2014 3:36	61.7	20/3/2014 4:41	61.6
14/3/2014 23:21	66.0	16/3/2014 0:26	65.4	17/3/2014 1:31	62.4	18/3/2014 2:36	62.0	19/3/2014 3:41	61.0	20/3/2014 4:46	61.7
14/3/2014 23:26	65.7	16/3/2014 0:31	64.0	17/3/2014 1:36	62.4	18/3/2014 2:41	62.2	19/3/2014 3:46	61.9	20/3/2014 4:51	61.6
14/3/2014 23:31	65.9	16/3/2014 0:36	63.0	17/3/2014 1:41	62.4	18/3/2014 2:46	62.7	19/3/2014 3:51	62.3	20/3/2014 4:56	61.7
14/3/2014 23:36	65.2	16/3/2014 0:41	63.1	17/3/2014 1:46	62.4	18/3/2014 2:51	62.7	19/3/2014 3:56	61.1	20/3/2014 5:01	61.5
14/3/2014 23:41	64.4	16/3/2014 0:46	62.6	17/3/2014 1:51	63.0	18/3/2014 2:56	60.6	19/3/2014 4:01	61.3	20/3/2014 5:06	62.1
14/3/2014 23:46	65.4	16/3/2014 0:51	63.1	17/3/2014 1:56	62.2	18/3/2014 3:01	50.8	19/3/2014 4:06	61.3	20/3/2014 5:11	61.7
14/3/2014 23:51	65.7	16/3/2014 0:56	62.8	17/3/2014 2:01	62.1	18/3/2014 3:06	60.2	19/3/2014 4:11	61.1	20/3/2014 5:16	62.3
14/3/2014 23:56	66.1	16/3/2014 1:01	63.0	17/3/2014 2:06	61.6	18/3/2014 3:11	61.7	19/3/2014 4:16	60.4	20/3/2014 5:21	62.0
15/3/2014 0:01	65.4	16/3/2014 1:06	65.7	17/3/2014 2:11	61.9	18/3/2014 3:16	60.7	19/3/2014 4:21	60.8	20/3/2014 5:26	61.6
15/3/2014 0:06	66.2	16/3/2014 1:11	62.8	17/3/2014 2:16	61.6	18/3/2014 3:21	60.9	19/3/2014 4:26	61.8	20/3/2014 5:31	62.8
15/3/2014 0:11	65.5	16/3/2014 1:16	61.9	17/3/2014 2:21	61.3	18/3/2014 3:26	59.9	19/3/2014 4:31	61.1	20/3/2014 5:36	62.8
15/3/2014 0:16	65.2	16/3/2014 1:21	63.3	17/3/2014 2:26	60.6	18/3/2014 3:31	60.6	19/3/2014 4:36	61.3	20/3/2014 5:41	62.9
15/3/2014 0:21	65.8	16/3/2014 1:26	61.8	17/3/2014 2:31	61.8	18/3/2014 3:36	61.4	19/3/2014 4:41	61.9	20/3/2014 5:46	62.8
15/3/2014 0:26	64.6	16/3/2014 1:31	62.0	17/3/2014 2:36	60.2	18/3/2014 3:41	61.0	19/3/2014 4:46	60.9	20/3/2014 5:51	55.3
15/3/2014 0:31	65.5	16/3/2014 1:36	62.1	17/3/2014 2:41	61.8	18/3/2014 3:46	58.7	19/3/2014 4:51	61.7	20/3/2014 5:56	45.2
15/3/2014 0:36	65.7	16/3/2014 1:41	59.1	17/3/2014 2:46	61.2	18/3/2014 3:51	60.3	19/3/2014 4:56	61.7	20/3/2014 6:01	54.4
15/3/2014 0:41	64.2	16/3/2014 1:46	61.1	17/3/2014 2:51	61.9	18/3/2014 3:56	61.6	19/3/2014 5:01	60.4	20/3/2014 6:06	57.5
15/3/2014 0:46	64.3	16/3/2014 1:51	60.1	17/3/2014 2:56	61.6	18/3/2014 4:01	60.0	19/3/2014 5:06	61.9	20/3/2014 6:11	60.3
15/3/2014 0:51	63.6	16/3/2014 1:56	56.9	17/3/2014 3:01	61.1	18/3/2014 4:06	60.5	19/3/2014 5:11	48.6	20/3/2014 6:16	61.8
15/3/2014 0:56	64.6	16/3/2014 2:01	61.8	17/3/2014 3:06	60.9	18/3/2014 4:11	60.2	19/3/2014 5:16	60.2	20/3/2014 6:21	60.6
15/3/2014 1:01	63.9	16/3/2014 2:06	61.0	17/3/2014 3:11	60.3	18/3/2014 4:16	59.9	19/3/2014 5:21	61.8	20/3/2014 6:26	64.2
15/3/2014 1:06	63.5	16/3/2014 2:11	62.7	17/3/2014 3:16	60.0	18/3/2014 4:21	61.1	19/3/2014 5:26	61.6	20/3/2014 6:31	64.4
15/3/2014 1:11	63.0	16/3/2014 2:16	59.7	17/3/2014 3:21	61.1	18/3/2014 4:26	60.8	19/3/2014 5:31	62.9	20/3/2014 6:36	64.1
15/3/2014 1:16	63.4	16/3/2014 2:21	56.9	17/3/2014 3:26	60.5	18/3/2014 4:31	60.0	19/3/2014 5:36	56.8	20/3/2014 6:41	65.6
15/3/2014 1:21	63.3	16/3/2014 2:26	60.7	17/3/2014 3:31	59.8	18/3/2014 4:36	60.0	19/3/2014 5:41	42.8	20/3/2014 6:46	66.0
15/3/2014 1:26	63.9	16/3/2014 2:31	59.9	17/3/2014 3:36	61.6	18/3/2014 4:41	59.6	19/3/2014 5:46	39.7	20/3/2014 6:51	66.9
15/3/2014 1:31	62.2	16/3/2014 2:36	58.3	17/3/2014 3:41	60.4	18/3/2014 4:46	60.8	19/3/2014 5:51	41.5	20/3/2014 6:56	67.2
15/3/2014 1:36	63.3	16/3/2014 2:41	57.6	17/3/2014 3:46	60.1	18/3/2014 4:51	60.8	19/3/2014 5:56	56.5	20/3/2014 23:01	65.4
15/3/2014 1:41	62.5	16/3/2014 2:46	56.8	17/3/2014 3:51	61.5	18/3/2014 4:56	61.0	19/3/2014 6:01	57.3	20/3/2014 23:06	65.5
15/3/2014 1:46	62.2	16/3/2014 2:51	60.4	17/3/2014 3:56	60.7	18/3/2014 5:01	61.1	19/3/2014 6:06	55.5	20/3/2014 23:11	65.8
15/3/2014 1:51	63.2	16/3/2014 2:56	57.1	17/3/2014 4:01	60.3	18/3/2014 5:06	61.9	19/3/2014 6:11	57.1	20/3/2014 23:16	66.0
15/3/2014 1:56	62.1	16/3/2014 3:01	58.3	17/3/2014 4:06	60.7	18/3/2014 5:11	61.2	19/3/2014 6:16	61.5	20/3/2014 23:21	65.1
15/3/2014 2:01	61.5	16/3/2014 3:06	51.6	17/3/2014 4:11	59.7	18/3/2014 5:16	61.9	19/3/2014 6:21	60.6	20/3/2014 23:26	64.8
15/3/2014 2:06	61.8	16/3/2014 3:11	57.3	17/3/2014 4:16	60.3	18/3/2014 5:21	61.5	19/3/2014 6:26	63.5	20/3/2014 23:31	64.4
15/3/2014 2:11	61.0	16/3/2014 3:16	51.3	17/3/2014 4:21	61.8	18/3/2014 5:26	61.8	19/3/2014 6:31	64.0	20/3/2014 23:36	65.0
15/3/2014 2:16	61.5	16/3/2014 3:21	58.6	17/3/2014 4:26	59.3	18/3/2014 5:31	62.2	19/3/2014 6:36	65.0	20/3/2014 23:41	64.1
15/3/2014 2:21	61.4	16/3/2014 3:26	53.6	17/3/2014 4:31	59.9	18/3/2014 5:36	62.9	19/3/2014 6:41	65.4	20/3/2014 23:46	64.1
15/3/2014 2:26	61.6	16/3/2014 3:31	52.3	17/3/2014 4:36	61.8	18/3/2014 5:41	62.4	19/3/2014 6:46	65.9	20/3/2014 23:51	65.0
15/3/2014 2:31	61.7	16/3/2014 3:36	54.3	17/3/2014 4:41	59.5	18/3/2014 5:46	62.8	19/3/2014 6:51	66.9	20/3/2014 23:56	64.0
15/3/2014 2:36	61.1	16/3/2014 3:41	53.7	17/3/2014 4:46	60.1	18/3/2014 5:51	48.3	19/3/2014 6:56	66.4	21/3/2014 0:01	63.9
15/3/2014 2:41	62.9	16/3/2014 3:46	57.7	17/3/2014 4:51	61.4	18/3/2014 5:56	54.3	19/3/2014 6:56	61.0	21/3/2014 0:06	65.4
15/3/2014 2:46	61.4	16/3/2014 3:51	56.0	17/3/2014 4:56	60.6	18/3/2014 6:01	52.7	19/3/2014 23:06	64.4	21/3/2014 0:11	64.6
15/3/2014 2:51	61.7	16/3/2014 3:56	63.0	17/3/2014 5:01	62.2	18/3/2014 6:06	55.3	19/3/2014 23:11	65.7	21/3/2014 0:16	64.3
15/3/2014 2:56	60.4	16/3/2014 4:01	49.1	17/3/2014 5:06	61.1	18/3/2014 6:11	57.8	19/3/2014 23:16	67.8	21/3/2014 0:21	63.9
15/3/2014 3:01	59.1	16/3/2014 4:06	47.2	17/3/2014 5:11	62.0	18/3/2014 6:16	60.8	19/3/2014 23:21	65.8	21/3/2014 0:26	62.6
15/3/2014 3:06	60.2	16/3/2014 4:11	52.1	17/3/2014 5:16	61.1	18/3/2014 6:21	61.6	19/3/2014 23:26	65.1	21/3/2014 0:31	62.0
15/3/2014 3:11	58.9	16/3/2014 4:16	62.7	17/3/2014 5:21	62.4	18/3/2014 6:26	63.0	19/3/2014 23:31	65.9	21/3/2014 0:36	61.7
15/3/2014 3:16	58.2	16/3/2014 4:21	62.1	17/3/2014 5:26	61.3	18/3/2014 6:31	63.8	19/3/2014 23:36	65.7	21/3/2014 0:41	61.5
15/3/2014 3:21	58.3	16/3/2014 4:26	63.1	17/3/2014 5:31	62.0	18/3/2014 6:36	63.8	19/3/2014 23:41	65.1	21/3/2014 0:46	61.9
15/3/2014 3:26	56.3	16/3/2014 4:31	62.2	17/3/2014 5:36	62.8	18/3/2014 6:41	65.4	19/3/2014 23:46	64.5	21/3/2014 0:51	59.0
15/3/2014 3:31	58.0	16/3/2014 4:36	47.9	17/3/2014 5:41	62.6	18/3/2014 6:46	65.2	19/3/2014 23:51	65.2	21/3/2014 0:56	60.7
15/3/2014 3:36	57.7	16/3/2014 4:41	63.1	17/3/2014 5:46	62.9	18/3/2014 6:51	66.0	19/3/2014 23:56	63.9	21/3/2014 1:01	62.7
15/3/2014 3:41	57.3	16/3/2014 4:46	62.1	17/3/2014 5:51	58.0	18/3/2014 6:56	66.8	20/3/2014 0:01	65.2	21/3/2014 1:06	62.2
15/3/2014 3:46	56.2	16/3/2014 4:51	54.1	17/3/2014 5:56	55.5	18/3/2014 23:01	65.3	20/3/2014 0:06	64.9	21/3/2014 1:11	57.8
15/3/2014 3:51	56.8	16/3/2014 4:56	62.8	17/3/2014 6:01	57.1	18/3/2014 23:06	65.0	20/3/2014 0:11	64.7	21/3/2014 1:16	59.8
15/3/2014 3:56	62.9	16/3/2014 5:01	62.9	17/3/2014 6:06	55.9	18/3/2014 23:11	64.2	20/3/2014 0:16	64.3	21/3/2014 1:21	60.2
15/3/2014 4:01	51.9	16/3/2014 5:06									

Real-time Noise Data		RTN3 (Po Leung Kuk Yu Lee Mo Fan Memorial School)									
21/3/2014 4:36	61.0	22/3/2014 5:41	58.6	23/3/2014 6:46	62.6	24/3/2014 23:51	63.2	26/3/2014 0:56	59.8	27/3/2014 2:01	51.2
21/3/2014 4:41	61.0	22/3/2014 5:46	58.0	23/3/2014 6:51	65.5	24/3/2014 23:56	63.4	26/3/2014 1:01	59.8	27/3/2014 2:06	63.1
21/3/2014 4:46	60.7	22/3/2014 5:51	58.5	23/3/2014 6:56	64.2	25/3/2014 0:01	62.6	26/3/2014 1:06	58.8	27/3/2014 2:11	47.2
21/3/2014 4:51	61.1	22/3/2014 5:56	57.5	23/3/2014 23:01	63.7	25/3/2014 0:06	64.7	26/3/2014 1:11	58.9	27/3/2014 2:16	49.1
21/3/2014 4:56	61.2	22/3/2014 6:01	57.6	23/3/2014 23:06	63.5	25/3/2014 0:11	62.8	26/3/2014 1:16	58.4	27/3/2014 2:21	61.9
21/3/2014 5:01	62.4	22/3/2014 6:06	57.3	23/3/2014 23:11	64.6	25/3/2014 0:16	64.8	26/3/2014 1:21	59.3	27/3/2014 2:26	62.8
21/3/2014 5:06	62.4	22/3/2014 6:11	57.6	23/3/2014 23:16	65.1	25/3/2014 0:21	63.3	26/3/2014 1:26	59.4	27/3/2014 2:31	63.0
21/3/2014 5:11	61.5	22/3/2014 6:16	60.8	23/3/2014 23:21	64.1	25/3/2014 0:26	60.7	26/3/2014 1:31	60.4	27/3/2014 2:36	62.5
21/3/2014 5:16	62.9	22/3/2014 6:21	60.7	23/3/2014 23:26	63.6	25/3/2014 0:31	62.0	26/3/2014 1:36	59.6	27/3/2014 2:41	63.0
21/3/2014 5:21	53.3	22/3/2014 6:26	64.0	23/3/2014 23:31	64.2	25/3/2014 0:36	59.6	26/3/2014 1:41	55.0	27/3/2014 2:46	62.8
21/3/2014 5:26	62.9	22/3/2014 6:31	62.8	23/3/2014 23:36	63.8	25/3/2014 0:41	60.4	26/3/2014 1:46	52.7	27/3/2014 2:51	62.0
21/3/2014 5:31	62.8	22/3/2014 6:36	63.8	23/3/2014 23:41	63.8	25/3/2014 0:46	62.0	26/3/2014 1:51	53.4	27/3/2014 2:56	62.6
21/3/2014 5:36	62.9	22/3/2014 6:41	65.1	23/3/2014 23:46	63.1	25/3/2014 0:51	61.3	26/3/2014 1:56	43.7	27/3/2014 3:01	62.6
21/3/2014 5:41	62.2	22/3/2014 6:46	64.5	23/3/2014 23:51	63.4	25/3/2014 0:56	59.9	26/3/2014 2:01	61.7	27/3/2014 3:06	62.4
21/3/2014 5:46	63.1	22/3/2014 6:51	63.6	23/3/2014 23:56	63.1	25/3/2014 1:01	57.3	26/3/2014 2:06	62.5	27/3/2014 3:11	62.6
21/3/2014 5:51	52.5	22/3/2014 6:56	64.9	24/3/2014 0:01	62.9	25/3/2014 1:06	57.8	26/3/2014 2:11	39.7	27/3/2014 3:16	61.4
21/3/2014 5:56	56.3	22/3/2014 23:01	66.0	24/3/2014 0:06	63.4	25/3/2014 1:11	57.3	26/3/2014 2:16	59.7	27/3/2014 3:21	62.1
21/3/2014 6:01	59.5	22/3/2014 23:06	65.6	24/3/2014 0:11	61.5	25/3/2014 1:16	58.4	26/3/2014 2:21	63.1	27/3/2014 3:26	62.5
21/3/2014 6:06	58.0	22/3/2014 23:11	65.5	24/3/2014 0:16	61.8	25/3/2014 1:21	56.2	26/3/2014 2:26	62.7	27/3/2014 3:31	61.6
21/3/2014 6:11	59.6	22/3/2014 23:16	65.4	24/3/2014 0:21	61.6	25/3/2014 1:26	59.7	26/3/2014 2:31	62.8	27/3/2014 3:36	61.5
21/3/2014 6:16	60.6	22/3/2014 23:21	64.5	24/3/2014 0:26	61.3	25/3/2014 1:31	62.9	26/3/2014 2:36	62.5	27/3/2014 3:41	62.2
21/3/2014 6:21	62.3	22/3/2014 23:26	64.7	24/3/2014 0:31	60.9	25/3/2014 1:36	58.7	26/3/2014 2:41	61.9	27/3/2014 3:46	61.9
21/3/2014 6:26	63.0	22/3/2014 23:31	64.9	24/3/2014 0:36	60.5	25/3/2014 1:41	51.2	26/3/2014 2:46	62.9	27/3/2014 3:51	62.4
21/3/2014 6:31	63.5	22/3/2014 23:36	64.8	24/3/2014 0:41	57.7	25/3/2014 1:46	55.7	26/3/2014 2:51	62.4	27/3/2014 3:56	61.7
21/3/2014 6:36	63.7	22/3/2014 23:41	64.5	24/3/2014 0:46	60.2	25/3/2014 1:51	51.9	26/3/2014 2:56	62.5	27/3/2014 4:01	36.7
21/3/2014 6:41	64.6	22/3/2014 23:46	64.0	24/3/2014 0:51	49.8	25/3/2014 1:56	59.7	26/3/2014 3:01	61.5	27/3/2014 4:06	59.9
21/3/2014 6:46	64.7	22/3/2014 23:51	64.6	24/3/2014 0:56	58.0	25/3/2014 2:01	63.0	26/3/2014 3:06	62.4	27/3/2014 4:11	58.8
21/3/2014 6:51	64.9	22/3/2014 23:56	64.5	24/3/2014 1:01	58.8	25/3/2014 2:06	51.5	26/3/2014 3:11	61.6	27/3/2014 4:16	65.4
21/3/2014 6:56	66.3	23/3/2014 0:01	64.5	24/3/2014 1:06	56.2	25/3/2014 2:11	36.7	26/3/2014 3:16	60.8	27/3/2014 4:21	65.9
21/3/2014 23:01	66.6	23/3/2014 0:06	65.1	24/3/2014 1:11	55.5	25/3/2014 2:16	62.6	26/3/2014 3:21	61.2	27/3/2014 4:26	58.2
21/3/2014 23:06	65.7	23/3/2014 0:11	64.2	24/3/2014 1:16	62.6	25/3/2014 2:21	45.2	26/3/2014 3:26	61.3	27/3/2014 4:31	61.4
21/3/2014 23:11	67.1	23/3/2014 0:16	65.0	24/3/2014 1:21	57.2	25/3/2014 2:26	62.5	26/3/2014 3:31	61.6	27/3/2014 4:36	60.6
21/3/2014 23:16	66.3	23/3/2014 0:21	63.3	24/3/2014 1:26	62.7	25/3/2014 2:31	62.7	26/3/2014 3:36	62.3	27/3/2014 4:41	61.0
21/3/2014 23:21	66.1	23/3/2014 0:26	64.0	24/3/2014 1:31	62.3	25/3/2014 2:36	62.6	26/3/2014 3:41	61.7	27/3/2014 4:46	60.8
21/3/2014 23:26	65.7	23/3/2014 0:31	64.6	24/3/2014 1:36	63.0	25/3/2014 2:41	62.3	26/3/2014 3:46	60.2	27/3/2014 4:51	61.5
21/3/2014 23:31	65.7	23/3/2014 0:36	63.9	24/3/2014 1:41	62.4	25/3/2014 2:46	61.3	26/3/2014 3:51	60.5	27/3/2014 4:56	61.7
21/3/2014 23:36	65.5	23/3/2014 0:41	63.2	24/3/2014 1:46	62.0	25/3/2014 2:51	61.9	26/3/2014 3:56	61.1	27/3/2014 5:01	62.6
21/3/2014 23:41	65.4	23/3/2014 0:46	63.4	24/3/2014 1:51	61.2	25/3/2014 2:56	60.6	26/3/2014 4:01	60.4	27/3/2014 5:06	62.5
21/3/2014 23:46	65.4	23/3/2014 0:51	63.7	24/3/2014 1:56	62.0	25/3/2014 3:01	61.2	26/3/2014 4:06	61.7	27/3/2014 5:11	62.1
21/3/2014 23:51	65.7	23/3/2014 0:56	63.2	24/3/2014 2:01	62.1	25/3/2014 3:06	62.0	26/3/2014 4:11	60.9	27/3/2014 5:16	61.3
21/3/2014 23:56	66.0	23/3/2014 1:01	63.4	24/3/2014 2:06	62.3	25/3/2014 3:11	61.6	26/3/2014 4:16	54.1	27/3/2014 5:21	62.5
22/3/2014 0:01	64.7	23/3/2014 1:06	62.9	24/3/2014 2:11	61.1	25/3/2014 3:16	61.5	26/3/2014 4:21	60.9	27/3/2014 5:26	62.3
22/3/2014 0:06	64.5	23/3/2014 1:11	64.0	24/3/2014 2:16	60.8	25/3/2014 3:21	62.1	26/3/2014 4:26	60.4	27/3/2014 5:31	61.1
22/3/2014 0:11	65.3	23/3/2014 1:16	61.3	24/3/2014 2:21	61.0	25/3/2014 3:26	61.3	26/3/2014 4:31	59.8	27/3/2014 5:36	41.5
22/3/2014 0:16	65.8	23/3/2014 1:21	62.5	24/3/2014 2:26	61.1	25/3/2014 3:31	61.0	26/3/2014 4:36	60.2	27/3/2014 5:41	48.6
22/3/2014 0:21	63.7	23/3/2014 1:26	62.9	24/3/2014 2:31	61.4	25/3/2014 3:36	61.5	26/3/2014 4:41	61.3	27/3/2014 5:46	52.2
22/3/2014 0:26	63.6	23/3/2014 1:31	61.9	24/3/2014 2:36	61.5	25/3/2014 3:41	61.0	26/3/2014 4:46	60.2	27/3/2014 5:51	55.0
22/3/2014 0:31	62.0	23/3/2014 1:36	61.2	24/3/2014 2:41	60.4	25/3/2014 3:46	62.3	26/3/2014 4:51	61.0	27/3/2014 5:56	62.6
22/3/2014 0:36	63.1	23/3/2014 1:41	60.4	24/3/2014 2:46	60.4	25/3/2014 3:51	60.7	26/3/2014 4:56	61.6	27/3/2014 6:01	47.6
22/3/2014 0:41	61.9	23/3/2014 1:46	59.2	24/3/2014 2:51	61.7	25/3/2014 3:56	61.3	26/3/2014 5:01	61.2	27/3/2014 6:06	55.0
22/3/2014 0:46	60.7	23/3/2014 1:51	59.5	24/3/2014 2:56	60.5	25/3/2014 4:01	61.5	26/3/2014 5:06	61.7	27/3/2014 6:11	60.5
22/3/2014 0:51	62.9	23/3/2014 1:56	62.6	24/3/2014 3:01	60.3	25/3/2014 4:06	61.5	26/3/2014 5:11	62.4	27/3/2014 6:16	58.3
22/3/2014 0:56	61.7	23/3/2014 2:01	59.5	24/3/2014 3:06	60.2	25/3/2014 4:11	61.5	26/3/2014 5:16	62.4	27/3/2014 6:21	63.7
22/3/2014 1:01	60.7	23/3/2014 2:06	58.5	24/3/2014 3:11	59.7	25/3/2014 4:16	58.4	26/3/2014 5:21	62.2	27/3/2014 6:26	63.1
22/3/2014 1:06	61.4	23/3/2014 2:11	60.8	24/3/2014 3:16	60.1	25/3/2014 4:21	60.6	26/3/2014 5:26	62.6	27/3/2014 6:31	62.9
22/3/2014 1:11	60.7	23/3/2014 2:16	57.1	24/3/2014 3:21	60.3	25/3/2014 4:26	61.0	26/3/2014 5:31	61.9	27/3/2014 6:36	64.9
22/3/2014 1:16	60.6	23/3/2014 2:21	59.9	24/3/2014 3:26	60.3	25/3/2014 4:31	59.9	26/3/2014 5:36	62.0	27/3/2014 6:41	65.4
22/3/2014 1:21	61.4	23/3/2014 2:26	61.8	24/3/2014 3:31	60.9	25/3/2014 4:36	60.7	26/3/2014 5:41	62.3	27/3/2014 6:46	67.3
22/3/2014 1:26	60.2	23/3/2014 2:31	58.9	24/3/2014 3:36	60.3	25/3/2014 4:41	60.7	26/3/2014 5:46	56.6	27/3/2014 6:51	66.2
22/3/2014 1:31	58.6	23/3/2014 2:36	59.3	24/3/2014 3:41	60.9	25/3/2014 4:46	62.4	26/3/2014 5:51	54.3	27/3/2014 6:56	66.6
22/3/2014 1:36	58.4	23/3/2014 2:41	60.4	24/3/2014 3:46	59.9	25/3/2014 4:51	60.9	26/3/2014 5:56	58.6	27/3/2014 7:01	65.0
22/3/2014 1:41	56.4	23/3/2014 2:46	59.0	24/3/2014 3:51	60.8	25/3/2014 4:56	60.7	26/3/2014 6:01	62.4	27/3/2014 7:06	64.5
22/3/2014 1:46	58.7	23/3/2014 2:51	59.5	24/3/2014 3:56	60.6	25/3/2014 5:01	61.7	26/3/2014 6:06	53.6	27/3/2014 7:11	64.3
22/3/2014 1:51	60.3	23/3/2014 2:56	58.2	24/3/2014 4:01	59.7	25/3/2014 5:06	61.1	26/3/2014 6:11	59.0	27/3/2014 7:16	64.1
22/3/2014 1:56	60.8	23/3/2014 3:01	57.2	24/3/2014 4:06	59.8	25/3/2014 5:11	61.7	26/3/2014 6:16	62.8	27/3/2014 7:21	64.5
22/3/2014 2:01	58.9	23/3/2014 3:06	55.9	24/3/2014 4:11	60.0	25/3/2014 5:16	62.3	26/3/2014 6:21	60.6	27/3/2014 7:26	63.9
22/3/2014 2:06	61.0	23/3/2014 3:11	57.5	24/3/2014 4:16	60.2	25/3/2014 5:21	62.1	26/3/2014 6:26	63.2	27/3/2014 7:31	63.9
22/3/2014 2:11	60.6	23/3/2014 3:16	64.0	24/3/2014 4:21	60.3	25/3/2014 5:26	62.1	26/3/2014 6:31	63.5	27/3/2014 7:36	63.6
22/3/2014 2:16	60.9	23/3/2014 3:21	54.6	24/3/2014 4:26	61.4	25/3/2014 5:31	61.9	26/3/2014 6:36	65.0	27/3/2014 7:41	64.2
22/3/2014 2:21	58.5	23/3/2014 3:26	63.1	24/3/2014 4:31	59.9	25/3/2014 5:36	42.8	26/3/2014 6:41	64.5	27/3/2014 7:46	63.9
22/3/2014 2:26	58.8	23/3/2014 3:31	56.7	24/3/2014 4:36	59.5	25/3/2014 5:41	62.7	26/3/2014 6:46	67.0	27/3	

Real-time Noise Data	RTN4 (Causeway Bay Community Centre)									
Normal Day 07:00-19:00	5/3/2014 12:01	65.0	10/3/2014 18:31	65.0	15/3/2014 13:01	63.7	21/3/2014 7:31	63.8	26/3/2014 14:01	65.8
	5/3/2014 12:31	64.9	11/3/2014 7:01	64.0	15/3/2014 13:31	63.8	21/3/2014 8:01	63.1	26/3/2014 14:31	65.6
	5/3/2014 13:01	65.6	11/3/2014 7:31	65.6	15/3/2014 14:01	63.8	21/3/2014 8:31	63.1	26/3/2014 15:01	65.7
28/2/2014 7:01	5/3/2014 13:31	65.7	11/3/2014 8:01	63.2	15/3/2014 14:31	64.2	21/3/2014 9:01	62.9	26/3/2014 15:31	65.7
28/2/2014 7:31	5/3/2014 14:01	67.2	11/3/2014 8:31	63.8	15/3/2014 15:01	64.9	21/3/2014 9:31	63.9	26/3/2014 16:01	66.0
28/2/2014 8:01	5/3/2014 14:31	67.3	11/3/2014 9:01	64.2	15/3/2014 15:31	64.1	21/3/2014 10:01	64.8	26/3/2014 16:31	64.7
28/2/2014 8:31	5/3/2014 15:01	65.6	11/3/2014 9:31	64.5	15/3/2014 16:01	63.9	21/3/2014 10:31	65.3	26/3/2014 17:01	64.6
28/2/2014 9:01	5/3/2014 15:31	65.8	11/3/2014 10:01	65.9	15/3/2014 16:31	63.4	21/3/2014 11:01	65.9	26/3/2014 17:31	64.6
28/2/2014 9:31	5/3/2014 16:01	65.0	11/3/2014 10:31	66.5	15/3/2014 17:01	64.9	21/3/2014 11:31	64.0	26/3/2014 18:01	65.0
28/2/2014 10:01	5/3/2014 16:31	67.0	11/3/2014 11:01	66.1	15/3/2014 17:31	64.1	21/3/2014 12:01	63.5	26/3/2014 18:31	65.0
28/2/2014 10:31	5/3/2014 17:01	66.6	11/3/2014 11:31	65.6	15/3/2014 18:01	62.6	21/3/2014 12:31	63.9	27/3/2014 7:01	63.7
28/2/2014 11:01	5/3/2014 17:31	65.7	11/3/2014 12:01	65.3	15/3/2014 18:31	63.9	21/3/2014 13:01	65.5	27/3/2014 7:31	65.1
28/2/2014 11:31	5/3/2014 18:01	65.3	11/3/2014 12:31	65.3	17/3/2014 7:01	63.6	21/3/2014 13:31	65.8	27/3/2014 8:01	63.3
28/2/2014 12:01	5/3/2014 18:31	64.9	11/3/2014 13:01	65.7	17/3/2014 7:31	65.5	21/3/2014 14:01	65.2	27/3/2014 8:31	63.5
28/2/2014 12:31	6/3/2014 7:01	63.6	11/3/2014 13:31	65.9	17/3/2014 8:01	63.3	21/3/2014 14:31	63.6	27/3/2014 9:01	63.2
28/2/2014 13:01	6/3/2014 7:31	65.6	11/3/2014 14:01	66.1	17/3/2014 8:31	62.9	21/3/2014 15:01	63.3	27/3/2014 9:31	64.7
28/2/2014 13:31	6/3/2014 8:01	64.9	11/3/2014 14:31	64.9	17/3/2014 9:01	64.0	21/3/2014 15:31	64.5	27/3/2014 10:01	65.2
28/2/2014 14:01	6/3/2014 8:31	64.2	11/3/2014 15:01	65.5	17/3/2014 9:31	64.9	21/3/2014 16:01	65.3	27/3/2014 10:31	65.3
28/2/2014 14:31	6/3/2014 9:01	62.7	11/3/2014 15:31	65.7	17/3/2014 10:01	64.9	21/3/2014 16:31	69.6	27/3/2014 11:01	65.6
28/2/2014 15:01	6/3/2014 9:31	63.3	11/3/2014 16:01	65.3	17/3/2014 10:31	65.9	21/3/2014 17:01	70.8	27/3/2014 11:31	65.3
28/2/2014 15:31	6/3/2014 10:01	64.0	11/3/2014 16:31	65.2	17/3/2014 11:01	65.6	21/3/2014 17:31	71.6	27/3/2014 12:01	64.3
28/2/2014 16:01	6/3/2014 10:31	64.1	11/3/2014 17:01	64.9	17/3/2014 11:31	63.7	21/3/2014 18:01	58.7	27/3/2014 12:31	65.2
28/2/2014 16:31	6/3/2014 11:01	65.6	11/3/2014 17:31	64.8	17/3/2014 12:01	63.8	21/3/2014 18:31	64.1	27/3/2014 13:01	65.2
28/2/2014 17:01	6/3/2014 11:31	64.8	11/3/2014 18:01	64.8	17/3/2014 12:31	64.1	22/3/2014 7:01	63.9	27/3/2014 13:31	64.8
28/2/2014 17:31	6/3/2014 12:01	63.1	11/3/2014 18:31	64.2	17/3/2014 13:01	65.6	22/3/2014 7:31	65.2	27/3/2014 14:01	64.3
28/2/2014 18:01	6/3/2014 12:31	68.2	12/3/2014 7:01	63.5	17/3/2014 13:31	65.7	22/3/2014 8:01	65.4	27/3/2014 14:31	64.4
28/2/2014 18:31	6/3/2014 13:01	65.7	12/3/2014 7:31	61.1	17/3/2014 14:01	65.2	22/3/2014 8:31	64.9	27/3/2014 15:01	64.2
1/3/2014 7:01	6/3/2014 13:31	65.6	12/3/2014 8:01	62.3	17/3/2014 14:31	64.0	22/3/2014 9:01	64.9	27/3/2014 15:31	65.5
1/3/2014 7:31	6/3/2014 14:01	63.8	12/3/2014 8:31	63.1	17/3/2014 15:01	65.3	22/3/2014 9:31	64.5	27/3/2014 16:01	65.7
1/3/2014 8:01	6/3/2014 14:31	62.7	12/3/2014 9:01	62.8	17/3/2014 15:31	64.8	22/3/2014 10:01	65.3	27/3/2014 16:31	65.1
1/3/2014 8:31	6/3/2014 15:01	63.4	12/3/2014 9:31	62.7	17/3/2014 16:01	65.0	22/3/2014 10:31	64.8	27/3/2014 17:01	65.4
1/3/2014 9:01	6/3/2014 15:31	63.9	12/3/2014 10:01	63.9	17/3/2014 16:31	65.9	22/3/2014 11:01	69.8	27/3/2014 17:31	64.7
1/3/2014 9:31	6/3/2014 16:01	65.3	12/3/2014 10:31	65.4	17/3/2014 17:01	65.6	22/3/2014 11:31	67.2	27/3/2014 18:01	64.6
1/3/2014 10:01	6/3/2014 16:31	66.8	12/3/2014 11:01	66.0	17/3/2014 17:31	66.9	22/3/2014 12:01	63.7	27/3/2014 18:31	64.0
1/3/2014 10:31	6/3/2014 17:01	65.0	12/3/2014 11:31	65.5	17/3/2014 18:01	67.9	22/3/2014 12:31	63.5		
1/3/2014 11:01	6/3/2014 17:31	68.3	12/3/2014 12:01	65.1	17/3/2014 18:31	64.1	22/3/2014 13:01	64.8		
1/3/2014 11:31	6/3/2014 18:01	64.2	12/3/2014 12:31	65.0	18/3/2014 7:01	64.0	22/3/2014 13:31	64.5	Normal Day 19:00-23:00	
1/3/2014 12:01	6/3/2014 18:31	63.8	12/3/2014 13:01	65.5	18/3/2014 7:31	65.0	22/3/2014 14:01	64.6	Sunday & Holiday	
1/3/2014 12:31	7/3/2014 7:01	64.1	12/3/2014 13:31	65.9	18/3/2014 8:01	63.5	22/3/2014 14:31	63.5	07:00-23:00	
1/3/2014 13:01	7/3/2014 7:31	63.5	12/3/2014 14:01	65.6	18/3/2014 8:31	63.3	22/3/2014 15:01	63.4	28/2/2014 19:01	60.4
1/3/2014 13:31	7/3/2014 8:01	63.5	12/3/2014 14:31	65.5	18/3/2014 9:01	63.1	22/3/2014 15:31	64.4	28/2/2014 19:06	60.1
1/3/2014 14:01	7/3/2014 8:31	63.3	12/3/2014 15:01	65.9	18/3/2014 9:31	64.6	22/3/2014 16:01	64.0	28/2/2014 19:11	58.9
1/3/2014 14:31	7/3/2014 9:01	63.7	12/3/2014 15:31	65.9	18/3/2014 10:01	65.9	22/3/2014 16:31	64.0	28/2/2014 19:16	58.8
1/3/2014 15:01	7/3/2014 9:31	63.4	12/3/2014 16:01	66.0	18/3/2014 10:31	66.7	22/3/2014 17:01	65.0	28/2/2014 19:21	59.0
1/3/2014 15:31	7/3/2014 10:01	65.0	12/3/2014 16:31	65.1	18/3/2014 11:01	68.2	22/3/2014 17:31	65.0	28/2/2014 19:26	61.3
1/3/2014 16:01	7/3/2014 10:31	65.0	12/3/2014 17:01	65.4	18/3/2014 11:31	64.5	22/3/2014 18:01	64.4	28/2/2014 19:31	61.5
1/3/2014 16:31	7/3/2014 11:01	67.8	12/3/2014 17:31	63.0	18/3/2014 12:01	64.4	22/3/2014 18:31	64.7	28/2/2014 19:36	61.8
1/3/2014 17:01	7/3/2014 11:31	64.0	12/3/2014 18:01	61.5	18/3/2014 12:31	64.8	24/3/2014 7:01	64.1	28/2/2014 19:41	62.6
1/3/2014 17:31	7/3/2014 12:01	63.5	12/3/2014 18:31	63.6	18/3/2014 13:01	65.5	24/3/2014 7:31	65.2	28/2/2014 19:46	61.6
1/3/2014 18:01	7/3/2014 12:31	65.8	13/3/2014 7:01	63.4	18/3/2014 13:31	65.4	24/3/2014 8:01	63.1	28/2/2014 19:51	54.7
1/3/2014 18:31	7/3/2014 13:01	65.7	13/3/2014 7:31	64.7	18/3/2014 14:01	64.6	24/3/2014 8:31	62.6	28/2/2014 19:56	57.4
3/3/2014 7:01	7/3/2014 13:31	66.3	13/3/2014 8:01	62.9	18/3/2014 14:31	64.8	24/3/2014 9:01	63.5	28/2/2014 20:01	63.0
3/3/2014 7:31	7/3/2014 14:01	66.1	13/3/2014 8:31	63.0	18/3/2014 15:01	65.4	24/3/2014 9:31	63.9	28/2/2014 20:06	63.0
3/3/2014 8:01	7/3/2014 14:31	65.2	13/3/2014 9:01	64.5	18/3/2014 15:31	65.4	24/3/2014 10:01	65.2	28/2/2014 20:11	47.8
3/3/2014 8:31	7/3/2014 15:01	62.3	13/3/2014 9:31	64.5	18/3/2014 16:01	65.6	24/3/2014 10:31	65.4	28/2/2014 20:16	63.2
3/3/2014 9:01	7/3/2014 15:31	64.4	13/3/2014 10:01	65.9	18/3/2014 16:31	61.1	24/3/2014 11:01	65.5	28/2/2014 20:21	47.8
3/3/2014 9:31	7/3/2014 16:01	64.2	13/3/2014 10:31	65.2	18/3/2014 17:01	62.6	24/3/2014 11:31	65.1	28/2/2014 20:26	57.4
3/3/2014 10:01	7/3/2014 16:31	66.7	13/3/2014 11:01	65.7	18/3/2014 17:31	67.2	24/3/2014 12:01	64.3	28/2/2014 20:31	53.5
3/3/2014 10:31	7/3/2014 17:01	66.4	13/3/2014 11:31	65.5	18/3/2014 18:01	64.9	24/3/2014 12:31	64.8	28/2/2014 20:36	55.1
3/3/2014 11:01	7/3/2014 17:31	64.1	13/3/2014 12:01	64.4	18/3/2014 18:31	59.7	24/3/2014 13:01	65.0	28/2/2014 20:41	52.8
3/3/2014 11:31	7/3/2014 18:01	66.0	13/3/2014 12:31	64.2	19/3/2014 7:01	63.5	24/3/2014 13:31	65.4	28/2/2014 20:46	63.7
3/3/2014 12:01	7/3/2014 18:31	65.1	13/3/2014 13:01	65.5	19/3/2014 7:31	65.0	24/3/2014 14:01	65.4	28/2/2014 20:51	46.9
3/3/2014 12:31	8/3/2014 7:01	63.7	13/3/2014 13:31	65.6	19/3/2014 8:01	63.5	24/3/2014 14:31	65.8	28/2/2014 20:56	63.4
3/3/2014 13:01	8/3/2014 7:31	64.3	13/3/2014 14:01	65.2	19/3/2014 8:31	62.6	24/3/2014 15:01	64.7	28/2/2014 21:01	52.1
3/3/2014 13:31	8/3/2014 8:01	65.1	13/3/2014 14:31	64.5	19/3/2014 9:01	63.0	24/3/2014 15:31	66.2	28/2/2014 21:06	63.3
3/3/2014 14:01	8/3/2014 8:31	64.8	13/3/2014 15:01	64.1	19/3/2014 9:31	63.6	24/3/2014 16:01	66.1	28/2/2014 21:11	62.9
3/3/2014 14:31	8/3/2014 9:01	64.6	13/3/2014 15:31	65.1	19/3/2014 10:01	64.8	24/3/2014 16:31	65.9	28/2/2014 21:16	63.3
3/3/2014 15:01	8/3/2014 9:31	64.2	13/3/2014 16:01	64.3	19/3/2014 10:31	65.3	24/3/2014 17:01	65.5	28/2/2014 21:21	62.8
3/3/2014 15:31	8/3/2014 10:01	64.5	13/3/2014 16:31	64.9	19/3/2014 11:01	64.8	24/3/2014 17:31	65.0	2	

Real-time Noise Data		RTN4 (Causeway Bay Community Centre)									
1/3/2014 20:51	63.6	2/3/2014 13:56	63.0	3/3/2014 19:01	57.5	5/3/2014 20:06	53.5	7/3/2014 21:11	59.5	9/3/2014 10:16	52.1
1/3/2014 20:56	62.3	2/3/2014 14:01	62.8	3/3/2014 19:06	56.6	5/3/2014 20:11	54.1	7/3/2014 21:16	63.6	9/3/2014 10:21	55.2
1/3/2014 21:01	62.5	2/3/2014 14:06	63.3	3/3/2014 19:11	55.5	5/3/2014 20:16	57.5	7/3/2014 21:21	55.9	9/3/2014 10:26	61.3
1/3/2014 21:06	63.3	2/3/2014 14:11	62.8	3/3/2014 19:16	56.9	5/3/2014 20:21	54.8	7/3/2014 21:26	51.9	9/3/2014 10:31	57.2
1/3/2014 21:11	63.5	2/3/2014 14:16	63.4	3/3/2014 19:21	63.6	5/3/2014 20:26	56.4	7/3/2014 21:31	56.4	9/3/2014 10:36	58.2
1/3/2014 21:16	63.5	2/3/2014 14:21	63.1	3/3/2014 19:26	58.0	5/3/2014 20:31	55.8	7/3/2014 21:36	63.7	9/3/2014 10:41	57.9
1/3/2014 21:21	63.6	2/3/2014 14:26	63.2	3/3/2014 19:31	54.2	5/3/2014 20:36	63.7	7/3/2014 21:41	59.4	9/3/2014 10:46	55.5
1/3/2014 21:26	37.3	2/3/2014 14:31	63.0	3/3/2014 19:36	54.5	5/3/2014 20:41	47.4	7/3/2014 21:46	53.2	9/3/2014 10:51	59.3
1/3/2014 21:31	63.1	2/3/2014 14:36	63.6	3/3/2014 19:41	57.6	5/3/2014 20:46	50.2	7/3/2014 21:51	51.4	9/3/2014 10:56	55.3
1/3/2014 21:36	63.5	2/3/2014 14:41	63.3	3/3/2014 19:46	57.4	5/3/2014 20:51	63.4	7/3/2014 21:56	54.5	9/3/2014 11:01	57.3
1/3/2014 21:41	46.4	2/3/2014 14:46	63.1	3/3/2014 19:51	57.1	5/3/2014 20:56	49.7	7/3/2014 22:01	55.9	9/3/2014 11:06	57.8
1/3/2014 21:46	63.7	2/3/2014 14:51	63.5	3/3/2014 19:56	57.0	5/3/2014 21:01	63.4	7/3/2014 22:06	63.3	9/3/2014 11:11	57.7
1/3/2014 21:51	63.2	2/3/2014 14:56	62.8	3/3/2014 20:01	55.6	5/3/2014 21:06	63.4	7/3/2014 22:11	53.7	9/3/2014 11:16	63.7
1/3/2014 21:56	63.6	2/3/2014 15:01	63.0	3/3/2014 20:06	56.9	5/3/2014 21:11	56.5	7/3/2014 22:16	55.1	9/3/2014 11:21	56.3
1/3/2014 22:01	63.5	2/3/2014 15:06	63.1	3/3/2014 20:11	57.1	5/3/2014 21:16	59.3	7/3/2014 22:21	53.8	9/3/2014 11:26	56.8
1/3/2014 22:06	63.6	2/3/2014 15:11	63.1	3/3/2014 20:16	56.9	5/3/2014 21:21	49.2	7/3/2014 22:26	57.6	9/3/2014 11:31	50.6
1/3/2014 22:11	63.6	2/3/2014 15:16	62.9	3/3/2014 20:21	57.8	5/3/2014 21:26	63.3	7/3/2014 22:31	54.7	9/3/2014 11:36	59.2
1/3/2014 22:16	54.1	2/3/2014 15:21	63.5	3/3/2014 20:26	52.8	5/3/2014 21:31	52.1	7/3/2014 22:36	52.4	9/3/2014 11:41	57.3
1/3/2014 22:21	47.8	2/3/2014 15:26	63.2	3/3/2014 20:31	55.5	5/3/2014 21:36	57.1	7/3/2014 22:41	53.9	9/3/2014 11:46	57.8
1/3/2014 22:26	63.1	2/3/2014 15:31	62.9	3/3/2014 20:36	67.1	5/3/2014 21:41	51.4	7/3/2014 22:46	51.9	9/3/2014 11:51	56.7
1/3/2014 22:31	63.1	2/3/2014 15:36	63.3	3/3/2014 20:41	49.2	5/3/2014 21:46	47.4	7/3/2014 22:51	63.6	9/3/2014 11:56	58.2
1/3/2014 22:36	49.2	2/3/2014 15:41	63.7	3/3/2014 20:46	50.6	5/3/2014 21:51	63.6	7/3/2014 22:56	51.2	9/3/2014 12:01	55.1
1/3/2014 22:41	56.6	2/3/2014 15:46	63.5	3/3/2014 20:51	63.4	5/3/2014 21:56	57.5	8/3/2014 19:01	63.1	9/3/2014 12:06	54.7
1/3/2014 22:46	63.6	2/3/2014 15:51	63.6	3/3/2014 20:56	52.8	5/3/2014 22:01	63.5	8/3/2014 19:06	55.9	9/3/2014 12:11	58.3
1/3/2014 22:51	63.3	2/3/2014 15:56	63.6	3/3/2014 21:01	63.7	5/3/2014 22:06	55.1	8/3/2014 19:11	54.6	9/3/2014 12:16	58.4
1/3/2014 22:56	62.3	2/3/2014 16:01	62.9	3/3/2014 21:06	51.4	5/3/2014 22:11	54.8	8/3/2014 19:16	52.9	9/3/2014 12:21	55.6
2/3/2014 7:01	61.5	2/3/2014 16:06	62.8	3/3/2014 21:11	53.1	5/3/2014 22:16	40.3	8/3/2014 19:21	54.6	9/3/2014 12:26	58.0
2/3/2014 7:06	60.1	2/3/2014 16:11	63.2	3/3/2014 21:16	63.5	5/3/2014 22:21	63.5	8/3/2014 19:26	63.2	9/3/2014 12:31	58.8
2/3/2014 7:11	61.6	2/3/2014 16:16	63.4	3/3/2014 21:21	47.4	5/3/2014 22:26	63.6	8/3/2014 19:31	54.3	9/3/2014 12:36	57.3
2/3/2014 7:16	61.3	2/3/2014 16:21	63.3	3/3/2014 21:26	47.8	5/3/2014 22:31	63.2	8/3/2014 19:36	49.4	9/3/2014 12:41	55.9
2/3/2014 7:21	62.4	2/3/2014 16:26	63.3	3/3/2014 21:31	63.5	5/3/2014 22:36	63.6	8/3/2014 19:41	55.2	9/3/2014 12:46	58.5
2/3/2014 7:26	61.7	2/3/2014 16:31	63.5	3/3/2014 21:36	58.5	5/3/2014 22:41	63.3	8/3/2014 19:46	63.5	9/3/2014 12:51	56.7
2/3/2014 7:31	61.2	2/3/2014 16:36	63.7	3/3/2014 21:41	63.6	5/3/2014 22:46	49.4	8/3/2014 19:51	54.1	9/3/2014 12:56	57.7
2/3/2014 7:36	62.0	2/3/2014 16:41	63.1	3/3/2014 21:46	57.0	5/3/2014 22:51	63.3	8/3/2014 19:56	54.8	9/3/2014 13:01	57.3
2/3/2014 7:41	62.3	2/3/2014 16:46	63.2	3/3/2014 21:51	47.4	5/3/2014 22:56	63.7	8/3/2014 20:01	50.4	9/3/2014 13:06	57.6
2/3/2014 7:46	61.2	2/3/2014 16:51	63.1	3/3/2014 21:56	55.8	6/3/2014 19:01	63.7	8/3/2014 20:06	63.2	9/3/2014 13:11	55.1
2/3/2014 7:51	63.7	2/3/2014 16:56	57.9	3/3/2014 22:01	50.6	6/3/2014 19:06	63.5	8/3/2014 20:11	63.6	9/3/2014 13:16	57.3
2/3/2014 7:56	61.8	2/3/2014 17:01	63.1	3/3/2014 22:06	52.5	6/3/2014 19:11	62.9	8/3/2014 20:16	63.1	9/3/2014 13:21	59.3
2/3/2014 8:01	60.3	2/3/2014 17:06	63.0	3/3/2014 22:11	53.7	6/3/2014 19:16	63.0	8/3/2014 20:21	63.4	9/3/2014 13:26	62.0
2/3/2014 8:06	62.7	2/3/2014 17:11	62.7	3/3/2014 22:16	54.1	6/3/2014 19:21	63.4	8/3/2014 20:26	63.5	9/3/2014 13:31	54.9
2/3/2014 8:11	56.1	2/3/2014 17:16	63.2	3/3/2014 22:21	51.9	6/3/2014 19:26	62.6	8/3/2014 20:31	63.3	9/3/2014 13:36	59.0
2/3/2014 8:16	63.2	2/3/2014 17:21	62.6	3/3/2014 22:26	63.5	6/3/2014 19:31	62.6	8/3/2014 20:36	63.2	9/3/2014 13:41	57.8
2/3/2014 8:21	63.0	2/3/2014 17:26	62.2	3/3/2014 22:31	63.4	6/3/2014 19:36	63.6	8/3/2014 20:41	62.9	9/3/2014 13:46	57.1
2/3/2014 8:26	63.3	2/3/2014 17:31	62.2	3/3/2014 22:36	62.9	6/3/2014 19:41	62.4	8/3/2014 20:46	63.3	9/3/2014 13:51	59.3
2/3/2014 8:31	63.3	2/3/2014 17:36	62.7	3/3/2014 22:41	63.3	6/3/2014 19:46	61.5	8/3/2014 20:51	63.1	9/3/2014 13:56	58.7
2/3/2014 8:36	63.7	2/3/2014 17:41	62.1	3/3/2014 22:46	50.6	6/3/2014 19:51	44.3	8/3/2014 20:56	63.0	9/3/2014 14:01	56.3
2/3/2014 8:41	52.7	2/3/2014 17:46	62.2	3/3/2014 22:51	62.5	6/3/2014 19:56	55.1	8/3/2014 21:01	63.3	9/3/2014 14:06	56.3
2/3/2014 8:46	63.7	2/3/2014 17:51	62.3	3/3/2014 22:56	63.3	6/3/2014 20:01	49.2	8/3/2014 21:06	63.5	9/3/2014 14:11	57.2
2/3/2014 8:51	63.3	2/3/2014 17:56	62.5	4/3/2014 19:01	57.7	6/3/2014 20:06	63.7	8/3/2014 21:11	63.0	9/3/2014 14:16	58.2
2/3/2014 8:56	54.4	2/3/2014 18:01	62.4	4/3/2014 19:06	58.1	6/3/2014 20:11	55.4	8/3/2014 21:16	62.8	9/3/2014 14:21	54.8
2/3/2014 9:01	63.6	2/3/2014 18:06	61.9	4/3/2014 19:11	60.0	6/3/2014 20:16	54.2	8/3/2014 21:21	53.7	9/3/2014 14:26	55.8
2/3/2014 9:06	63.3	2/3/2014 18:11	62.6	4/3/2014 19:16	61.7	6/3/2014 20:21	46.4	8/3/2014 21:26	63.3	9/3/2014 14:31	57.6
2/3/2014 9:11	53.2	2/3/2014 18:16	62.7	4/3/2014 19:21	59.6	6/3/2014 20:26	51.2	8/3/2014 21:31	63.4	9/3/2014 14:36	60.5
2/3/2014 9:16	63.7	2/3/2014 18:21	62.9	4/3/2014 19:26	59.8	6/3/2014 20:31	42.1	8/3/2014 21:36	63.7	9/3/2014 14:41	60.0
2/3/2014 9:21	50.6	2/3/2014 18:26	63.1	4/3/2014 19:31	58.7	6/3/2014 20:36	50.0	8/3/2014 21:41	62.6	9/3/2014 14:46	57.0
2/3/2014 9:26	49.7	2/3/2014 18:31	63.7	4/3/2014 19:36	59.6	6/3/2014 20:41	63.4	8/3/2014 21:46	49.2	9/3/2014 14:51	59.6
2/3/2014 9:31	45.1	2/3/2014 18:36	63.2	4/3/2014 19:41	56.3	6/3/2014 20:46	54.2	8/3/2014 21:51	44.3	9/3/2014 14:56	57.9
2/3/2014 9:36	52.7	2/3/2014 18:41	62.8	4/3/2014 19:46	49.2	6/3/2014 20:51	63.6	8/3/2014 21:56	63.2	9/3/2014 15:01	56.2
2/3/2014 9:41	49.4	2/3/2014 18:46	63.1	4/3/2014 19:51	53.7	6/3/2014 20:56	56.6	8/3/2014 22:01	63.0	9/3/2014 15:06	61.0
2/3/2014 9:46	53.7	2/3/2014 18:51	63.0	4/3/2014 19:56	54.7	6/3/2014 21:01	48.5	8/3/2014 22:06	63.4	9/3/2014 15:11	55.9
2/3/2014 9:51	50.9	2/3/2014 18:56	63.2	4/3/2014 20:01	47.8	6/3/2014 21:06	63.1	8/3/2014 22:11	37.3	9/3/2014 15:16	58.1
2/3/2014 9:56	63.5	2/3/2014 19:01	62.9	4/3/2014 20:06	51.4	6/3/2014 21:11	63.5	8/3/2014 22:16	63.7	9/3/2014 15:21	58.0
2/3/2014 10:01	56.9	2/3/2014 19:06	62.8	4/3/2014 20:11	54.7	6/3/2014 21:16	63.4	8/3/2014 22:21	63.2	9/3/2014 15:26	57.4
2/3/2014 10:06	63.7	2/3/2014 19:11	63.0	4/3/2014 20:16	48.9	6/3/2014 21:21	63.4	8/3/2014 22:26	63.3	9/3/2014 15:31	53.3
2/3/2014 10:11	47.4	2/3/2014 19:16	63.3	4/3/2014 20:21	63.6	6/3/2014 21:26	63.4	8/3/2014 22:31	63.6	9/3/2014 15:36	52.8
2/3/2014 10:16	63.5	2/3/2014 19:21	62.9	4/3/2014 20:26	47.4	6/3/2014 21:31	62.6	8/3/2014 22:36	63.5	9/3/2014 15:41	60.5
2/3/2014 10:21	63.5	2/3/2014 19:26	62.8	4/3/2014 20:31	37.3	6/3/2014 21:36	63.6	8/3/2014 22:41	50.9	9/3/2014 15:46	55.6
2/3/2014 10:26	63.7	2/3/2014 19:31	62.2	4/3/2014 20:36	52.7	6/3/2014 21:41	63.1	8/3/2014 22:46	63.5	9/3/2014 15:51	60.8
2/3/2014 10:31	63.7	2/3/2014 19:36	63.0	4/3/2014 20:41	63.6	6/3/2014 21:46	63.0	8/3/2014 22:51	47.4	9/3/2014 15:56	54.4
2/3/2014 10:36	63.1	2/3/2014 19:41	62.6	4/3/2014 20:46	63.4	6/3/2014 21:51	63.2	8/3/2014 22:56	55.0	9/3/2014 16:01	57.1
2/3/2014 10:41	63.0	2/3/2014 19:46	62.8	4/3/2014 20:51	55.3	6/3/2014 21:56	62.8	9/3/2014 7:01	62.6	9/3/2014 16:06	54.2
2/3/2014 10:46	62.8	2/3/2014 19:51	62.8								

Real-time Noise Data	RTN4 (Causeway Bay Community Centre)										
9/3/2014 19:21	63.5	11/3/2014 20:26	54.1	13/3/2014 21:31	63.6	15/3/2014 22:36	63.5	16/3/2014 15:41	56.4	17/3/2014 20:46	50.9
9/3/2014 19:26	53.3	11/3/2014 20:31	53.2	13/3/2014 21:36	47.4	15/3/2014 22:41	50.9	16/3/2014 15:46	61.1	17/3/2014 20:51	63.5
9/3/2014 19:31	55.2	11/3/2014 20:36	56.1	13/3/2014 21:41	63.6	15/3/2014 22:46	63.5	16/3/2014 15:51	50.4	17/3/2014 20:56	47.4
9/3/2014 19:36	43.4	11/3/2014 20:41	49.7	13/3/2014 21:46	63.6	15/3/2014 22:51	49.2	16/3/2014 15:56	50.4	17/3/2014 21:01	44.3
9/3/2014 19:41	56.1	11/3/2014 20:46	63.0	13/3/2014 21:51	52.5	15/3/2014 22:56	63.6	16/3/2014 16:01	63.6	17/3/2014 21:06	63.5
9/3/2014 19:46	52.5	11/3/2014 20:51	63.5	13/3/2014 21:56	43.4	15/3/2014 23:01	62.8	16/3/2014 16:06	52.2	17/3/2014 21:11	45.8
9/3/2014 19:51	49.2	11/3/2014 20:56	63.3	13/3/2014 22:01	63.4	15/3/2014 23:06	63.4	16/3/2014 16:11	63.5	17/3/2014 21:16	63.4
9/3/2014 19:56	63.5	11/3/2014 21:01	40.3	13/3/2014 22:06	53.1	15/3/2014 23:11	62.9	16/3/2014 16:16	57.2	17/3/2014 21:21	58.3
9/3/2014 20:01	53.8	11/3/2014 21:06	63.4	13/3/2014 22:11	52.7	15/3/2014 23:16	63.3	16/3/2014 16:21	48.2	17/3/2014 21:26	63.2
9/3/2014 20:06	63.5	11/3/2014 21:11	63.5	13/3/2014 22:16	56.2	15/3/2014 23:21	61.8	16/3/2014 16:26	46.9	17/3/2014 21:31	50.6
9/3/2014 20:11	42.1	11/3/2014 21:16	63.0	13/3/2014 22:21	55.2	15/3/2014 23:26	62.8	16/3/2014 16:31	56.8	17/3/2014 21:36	50.2
9/3/2014 20:16	63.5	11/3/2014 21:21	63.5	13/3/2014 22:26	52.4	15/3/2014 23:31	62.5	16/3/2014 16:36	57.9	17/3/2014 21:41	63.7
9/3/2014 20:21	47.8	11/3/2014 21:26	63.4	13/3/2014 22:31	50.4	15/3/2014 23:36	62.4	16/3/2014 16:41	52.5	17/3/2014 21:46	63.3
9/3/2014 20:26	63.6	11/3/2014 21:31	63.2	13/3/2014 22:36	63.3	15/3/2014 23:41	46.9	16/3/2014 16:46	52.8	17/3/2014 21:51	48.2
9/3/2014 20:31	63.3	11/3/2014 21:36	51.9	13/3/2014 22:41	63.7	15/3/2014 23:46	62.8	16/3/2014 16:51	63.5	17/3/2014 21:56	63.6
9/3/2014 20:36	52.9	11/3/2014 21:41	63.2	13/3/2014 22:46	53.2	15/3/2014 23:51	62.9	16/3/2014 16:56	56.9	17/3/2014 22:01	63.0
9/3/2014 20:41	45.1	11/3/2014 21:46	62.6	13/3/2014 22:51	63.5	15/3/2014 23:56	50.6	16/3/2014 17:01	63.4	17/3/2014 22:06	63.7
9/3/2014 20:46	63.5	11/3/2014 21:51	63.2	13/3/2014 22:56	63.5	15/3/2014 24:01	62.9	16/3/2014 17:06	49.2	17/3/2014 22:11	63.7
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9/3/2014 20:56	48.9	11/3/2014 22:01	63.1	14/3/2014 19:06	51.1	15/3/2014 24:11	60.3	16/3/2014 17:16	53.4	17/3/2014 22:21	50.0
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9/3/2014 21:46	56.5	11/3/2014 22:51	62.6	14/3/2014 19:56	53.2	15/3/2014 25:01	57.5	16/3/2014 18:06	56.3	18/3/2014 19:11	59.7
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9/3/2014 21:56	63.1	12/3/2014 19:01	57.5	14/3/2014 20:06	55.2	15/3/2014 25:11	57.6	16/3/2014 18:16	51.9	18/3/2014 19:21	58.9
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9/3/2014 22:11	53.3	12/3/2014 19:16	58.8	14/3/2014 20:21	55.4	15/3/2014 25:26	56.6	16/3/2014 18:31	55.3	18/3/2014 19:36	58.4
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9/3/2014 22:31	62.9	12/3/2014 19:36	57.7	14/3/2014 20:41	53.1	15/3/2014 25:46	59.0	16/3/2014 18:51	46.4	18/3/2014 19:56	60.0
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10/3/2014 19:16	60.5	12/3/2014 20:21	54.4	14/3/2014 21:26	48.5	15/3/2014 26:31	55.0	16/3/2014 19:36	52.8	18/3/2014 20:41	61.9
10/3/2014 19:21	58.0	12/3/2014 20:26	51.9	14/3/2014 21:31	47.8	15/3/2014 26:36	53.3	16/3/2014 19:41	63.6	18/3/2014 20:46	61.3
10/3/2014 19:26	58.7	12/3/2014 20:31	53.4	14/3/2014 21:36	52.2	15/3/2014 26:41	62.7	16/3/2014 19:46	50.2	18/3/2014 20:51	61.2
10/3/2014 19:31	63.6	12/3/2014 20:36	54.0	14/3/2014 21:41	51.9	15/3/2014 26:46	61.6	16/3/2014 19:51	51.4	18/3/2014 20:56	62.9
10/3/2014 19:36	62.9	12/3/2014 20:41	51.9	14/3/2014 21:46	63.3	15/3/2014 26:51	55.9	16/3/2014 19:56	63.2	18/3/2014 21:01	63.4
10/3/2014 19:41	63.0	12/3/2014 20:46	63.6	14/3/2014 21:51	63.3	15/3/2014 26:56	54.7	16/3/2014 20:01	62.9	18/3/2014 21:06	63.7
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10/3/2014 19:51	63.4	12/3/2014 20:56	63.3	14/3/2014 22:01	51.8	15/3/2014 27:06	47.4	16/3/2014 20:11	63.0	18/3/2014 21:16	50.0
10/3/2014 19:56	63.4	12/3/2014 21:01	63.5	14/3/2014 22:06	63.6	15/3/2014 27:11	55.2	16/3/2014 20:16	63.7	18/3/2014 21:21	63.5
10/3/2014 20:01	62.7	12/3/2014 21:06	63.6	14/3/2014 22:11	52.7	15/3/2014 27:16	57.4	16/3/2014 20:21	63.7	18/3/2014 21:26	50.4
10/3/2014 20:06	62.3	12/3/2014 21:11	63.6	14/3/2014 22:16	63.3	15/3/2014 27:21	62.7	16/3/2014 20:26	50.0	18/3/2014 21:31	53.2
10/3/2014 20:11	62.6	12/3/2014 21:16	63.0	14/3/2014 22:21	63.4	15/3/2014 27:26	57.0	16/3/2014 20:31	62.9	18/3/2014 21:36	49.9
10/3/2014 20:16	62.6	12/3/2014 21:21	63.3	14/3/2014 22:26	63.0	15/3/2014 27:31	55.2	16/3/2014 20:36	62.9	18/3/2014 21:41	54.6
10/3/2014 20:21	63.4	12/3/2014 21:26	62.9	14/3/2014 22:31	63.4	15/3/2014 27:36	56.1	16/3/2014 20:41	63.5	18/3/2014 21:46	47.4
10/3/2014 20:26	63.5	12/3/2014 21:31	63.5	14/3/2014 22:36	55.6	15/3/2014 27:41	53.3	16/3/2014 20:46	63.2	18/3/2014 21:51	37.3
10/3/2014 20:31	55.9	12/3/2014 21:36	62.5	14/3/2014 22:41	50.2	15/3/2014 27:46	58.2	16/3/2014 20:51	63.4	18/3/2014 21:56	63.0
10/3/2014 20:36	57.4	12/3/2014 21:41	63.3	14/3/2014 22:46	45.8	15/3/2014 27:51	51.1	16/3/2014 20:56	63.0	18/3/2014 22:01	63.1
10/3/2014 20:41	50.6	12/3/2014 21:46	45.8	14/3/2014 22:51	62.8	15/3/2014 27:56	54.1	16/3/2014 21:01	63.1	18/3/2014 22:06	63.2
10/3/2014 20:46	54.2	12/3/2014 21:51	63.5	14/3/2014 22:56	63.3	15/3/2014 28:01	49.7	16/3/2014 21:06	44.3	18/3/2014 22:11	63.7
10/3/2014 20:51	57.0	12/3/2014 21:56	49.7	15/3/2014 19:01	58.3	15/3/2014 28:06	51.2	16/3/2014 21:11	63.1	18/3/2014 22:16	45.8
10/3/2014 20:56	56.7	12/3/2014 22:01	63.5	15/3/2014 19:06	52.8	15/3/2014 28:11	56.3	16/3/2014 21:16	63.1	18/3/2014 22:21	63.7
10/3/2014 21:01	53.5	12/3/2014 22:06	48.5	15/3/2014 19:11	59.6	15/3/2014 28:16	45.8	16/3/2014 21:21	63.5	18/3/2014 22:26	63.5

Real-time Noise Data	RTN4 (Causeway Bay Community Centre)										
19/3/2014 21:51	37.3	21/3/2014 22:56	63.3	23/3/2014 12:01	37.3	23/3/2014 21:06	62.9	25/3/2014 22:11	40.3	28/2/2014 0:01	59.1
19/3/2014 21:56	63.6	22/3/2014 19:01	50.9	23/3/2014 12:06	47.8	23/3/2014 21:11	63.3	25/3/2014 22:16	52.8	28/2/2014 0:06	55.2
19/3/2014 22:01	63.3	22/3/2014 19:06	63.1	23/3/2014 12:11	62.6	23/3/2014 21:16	63.2	25/3/2014 22:21	63.2	28/2/2014 0:11	58.0
19/3/2014 22:06	63.7	22/3/2014 19:11	63.5	23/3/2014 12:16	63.1	23/3/2014 21:21	63.1	25/3/2014 22:26	63.6	28/2/2014 0:16	56.3
19/3/2014 22:11	63.6	22/3/2014 19:16	62.7	23/3/2014 12:21	62.9	23/3/2014 21:26	63.2	25/3/2014 22:31	50.9	28/2/2014 0:21	62.5
19/3/2014 22:16	63.5	22/3/2014 19:21	63.5	23/3/2014 12:26	63.5	23/3/2014 21:31	54.2	25/3/2014 22:36	55.2	28/2/2014 0:26	55.3
19/3/2014 22:21	63.5	22/3/2014 19:26	49.7	23/3/2014 12:31	54.7	23/3/2014 21:36	63.5	25/3/2014 22:41	47.4	28/2/2014 0:31	52.6
19/3/2014 22:26	63.0	22/3/2014 19:31	37.3	23/3/2014 12:36	53.3	23/3/2014 21:41	57.4	25/3/2014 22:46	62.9	28/2/2014 0:36	53.9
19/3/2014 22:31	63.5	22/3/2014 19:36	55.3	23/3/2014 12:41	52.8	23/3/2014 21:46	63.3	25/3/2014 22:51	62.8	28/2/2014 0:41	56.6
19/3/2014 22:36	63.3	22/3/2014 19:41	53.1	23/3/2014 12:46	56.2	23/3/2014 21:51	63.1	25/3/2014 22:56	63.4	28/2/2014 0:46	46.6
19/3/2014 22:41	63.6	22/3/2014 19:46	51.1	23/3/2014 12:51	56.5	23/3/2014 21:56	63.2	26/3/2014 19:01	58.0	28/2/2014 0:51	53.8
19/3/2014 22:46	63.1	22/3/2014 19:51	58.2	23/3/2014 12:56	54.2	23/3/2014 22:01	46.9	26/3/2014 19:06	59.0	28/2/2014 0:56	60.9
19/3/2014 22:51	62.6	22/3/2014 19:56	59.6	23/3/2014 13:01	49.4	23/3/2014 22:06	62.5	26/3/2014 19:11	56.5	28/2/2014 1:01	49.4
19/3/2014 22:56	45.1	22/3/2014 20:01	54.0	23/3/2014 13:06	42.1	23/3/2014 22:11	63.0	26/3/2014 19:16	58.7	28/2/2014 1:06	60.6
20/3/2014 19:01	57.6	22/3/2014 20:06	56.5	23/3/2014 13:11	52.9	23/3/2014 22:16	62.8	26/3/2014 19:21	54.1	28/2/2014 1:11	43.6
20/3/2014 19:06	49.7	22/3/2014 20:11	49.4	23/3/2014 13:16	63.2	23/3/2014 22:21	62.9	26/3/2014 19:26	58.7	28/2/2014 1:16	44.6
20/3/2014 19:11	58.6	22/3/2014 20:16	48.2	23/3/2014 13:21	50.2	23/3/2014 22:26	62.6	26/3/2014 19:31	56.0	28/2/2014 1:21	60.0
20/3/2014 19:16	63.5	22/3/2014 20:21	63.4	23/3/2014 13:26	58.0	23/3/2014 22:31	63.2	26/3/2014 19:36	56.9	28/2/2014 1:26	59.3
20/3/2014 19:21	54.6	22/3/2014 20:26	45.1	23/3/2014 13:31	63.2	23/3/2014 22:36	62.8	26/3/2014 19:41	60.0	28/2/2014 1:31	39.3
20/3/2014 19:26	52.1	22/3/2014 20:31	48.9	23/3/2014 13:36	55.0	23/3/2014 22:41	62.3	26/3/2014 19:46	58.2	28/2/2014 1:36	59.8
20/3/2014 19:31	63.6	22/3/2014 20:36	63.6	23/3/2014 13:41	56.1	23/3/2014 22:46	62.6	26/3/2014 19:51	51.8	28/2/2014 1:41	59.1
20/3/2014 19:36	60.3	22/3/2014 20:41	51.4	23/3/2014 13:46	47.8	23/3/2014 22:51	63.5	26/3/2014 19:56	45.8	28/2/2014 1:46	59.0
20/3/2014 19:41	56.8	22/3/2014 20:46	63.5	23/3/2014 13:51	53.5	23/3/2014 22:56	62.2	26/3/2014 20:01	55.2	28/2/2014 1:51	59.4
20/3/2014 19:46	56.9	22/3/2014 20:51	53.3	23/3/2014 13:56	53.1	24/3/2014 19:51	54.6	26/3/2014 20:06	50.9	28/2/2014 1:56	59.1
20/3/2014 19:51	58.5	22/3/2014 20:56	63.6	23/3/2014 14:01	53.3	24/3/2014 19:56	50.4	26/3/2014 20:11	55.0	28/2/2014 2:01	59.4
20/3/2014 19:56	49.4	22/3/2014 21:01	62.9	23/3/2014 14:06	54.7	24/3/2014 19:51	53.8	26/3/2014 20:16	56.3	28/2/2014 2:06	59.2
20/3/2014 20:01	56.8	22/3/2014 21:06	63.3	23/3/2014 14:11	63.5	24/3/2014 19:56	58.8	26/3/2014 20:21	49.7	28/2/2014 2:11	60.0
20/3/2014 20:06	63.7	22/3/2014 21:11	63.4	23/3/2014 14:16	55.6	24/3/2014 19:51	59.8	26/3/2014 20:26	52.8	28/2/2014 2:16	59.5
20/3/2014 20:11	53.4	22/3/2014 21:16	63.6	23/3/2014 14:21	50.6	24/3/2014 19:56	58.2	26/3/2014 20:31	51.6	28/2/2014 2:21	59.0
20/3/2014 20:16	63.6	22/3/2014 21:21	63.2	23/3/2014 14:26	63.6	24/3/2014 19:51	56.1	26/3/2014 20:36	53.1	28/2/2014 2:26	59.5
20/3/2014 20:21	63.6	22/3/2014 21:26	63.7	23/3/2014 14:31	58.3	24/3/2014 19:56	63.0	26/3/2014 20:41	63.5	28/2/2014 2:31	59.0
20/3/2014 20:26	55.7	22/3/2014 21:31	50.2	23/3/2014 14:36	48.5	24/3/2014 19:41	52.4	26/3/2014 20:46	57.8	28/2/2014 2:36	59.3
20/3/2014 20:31	63.5	22/3/2014 21:36	43.4	23/3/2014 14:41	55.9	24/3/2014 19:46	53.8	26/3/2014 20:51	63.5	28/2/2014 2:41	58.0
20/3/2014 20:36	63.5	22/3/2014 21:41	63.4	23/3/2014 14:46	51.6	24/3/2014 19:51	54.9	26/3/2014 20:56	52.7	28/2/2014 2:46	58.6
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20/3/2014 21:06	62.9	22/3/2014 22:11	52.2	23/3/2014 15:16	51.6	24/3/2014 20:21	55.5	26/3/2014 21:26	66.7	28/2/2014 3:16	58.0
20/3/2014 21:11	62.9	22/3/2014 22:16	62.7	23/3/2014 15:21	63.3	24/3/2014 20:26	48.9	26/3/2014 21:31	51.8	28/2/2014 3:21	57.8
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20/3/2014 21:21	63.6	22/3/2014 22:26	63.2	23/3/2014 15:31	63.1	24/3/2014 20:36	63.7	26/3/2014 21:41	46.4	28/2/2014 3:31	58.7
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20/3/2014 21:51	63.0	22/3/2014 22:56	63.4	23/3/2014 16:01	48.5	24/3/2014 21:06	51.2	26/3/2014 22:11	56.4	28/2/2014 4:01	57.4
20/3/2014 21:56	62.9	23/3/2014 7:01	62.6	23/3/2014 16:06	63.6	24/3/2014 21:11	63.4	26/3/2014 22:16	63.3	28/2/2014 4:06	57.8
20/3/2014 22:01	50.4	23/3/2014 7:06	63.1	23/3/2014 16:11	63.4	24/3/2014 21:16	63.6	26/3/2014 22:21	63.5	28/2/2014 4:11	57.4
20/3/2014 22:06	63.5	23/3/2014 7:11	62.2	23/3/2014 16:16	46.4	24/3/2014 21:21	63.2	26/3/2014 22:26	63.5	28/2/2014 4:16	57.7
20/3/2014 22:11	52.7	23/3/2014 7:16	67.6	23/3/2014 16:21	51.6	24/3/2014 21:26	63.6	26/3/2014 22:31	54.2	28/2/2014 4:21	56.6
20/3/2014 22:16	62.6	23/3/2014 7:21	62.9	23/3/2014 16:26	43.4	24/3/2014 21:31	54.3	26/3/2014 22:36	63.4	28/2/2014 4:26	57.4
20/3/2014 22:21	63.1	23/3/2014 7:26	62.5	23/3/2014 16:31	63.0	24/3/2014 21:36	63.1	26/3/2014 22:41	45.1	28/2/2014 4:31	56.9
20/3/2014 22:26	63.3	23/3/2014 7:31	62.5	23/3/2014 16:36	63.5	24/3/2014 21:41	63.0	26/3/2014 22:46	62.9	28/2/2014 4:36	59.3
20/3/2014 22:31	63.2	23/3/2014 7:36	61.8	23/3/2014 16:41	54.3	24/3/2014 21:46	55.3	26/3/2014 22:51	63.4	28/2/2014 4:41	57.2
20/3/2014 22:36	63.4	23/3/2014 7:41	62.6	23/3/2014 16:46	63.5	24/3/2014 21:51	63.5	26/3/2014 22:56	63.6	28/2/2014 4:46	57.2
20/3/2014 22:41	63.3	23/3/2014 7:46	62.7	23/3/2014 16:51	52.9	24/3/2014 21:56	63.1	27/3/2014 19:01	54.5	28/2/2014 4:51	57.1
20/3/2014 22:46	46.9	23/3/2014 7:51	63.5	23/3/2014 16:56	63.1	24/3/2014 22:01	63.5	27/3/2014 19:06	53.9	28/2/2014 4:56	60.4
20/3/2014 22:51	43.4	23/3/2014 7:56	62.4	23/3/2014 17:01	63.7	24/3/2014 22:06	63.6	27/3/2014 19:11	62.7	28/2/2014 5:01	59.2
20/3/2014 22:56	63.6	23/3/2014 8:01	62.3	23/3/2014 17:06	63.4	24/3/2014 22:11	52.7	27/3/2014 19:16	63.4	28/2/2014 5:06	57.3
21/3/2014 19:01	55.6	23/3/2014 8:06	54.3	23/3/2014 17:11	54.9	24/3/2014 22:16	44.3	27/3/2014 19:21	46.4	28/2/2014 5:11	51.3
21/3/2014 19:06	57.0	23/3/2014 8:11	51.1	23/3/2014 17:16	63.5	24/3/2014 22:21	62.9	27/3/2014 19:26	63.3	28/2/2014 5:16	58.0
21/3/2014 19:11	54.7	23/3/2014 8:16	55.1	23/3/2014 17:21	63.5	24/3/2014 22:26	62.6	27/3/2014 19:31	52.9	28/2/2014 5:21	58.6
21/3/2014 19:16	58.9	23/3/2014 8:21	62.9	23/3/2014 17:26	63.6	24/3/2014 22:31	58.5	27/3/2014 19:36	63.6	28/2/2014 5:26	58.0
21/3/2014 19:21	53.7	23/3/2014 8:26	63.2	23/3/2014 17:31	63.1	24/3/2014 22:36	62.8	27/3/2014 19:41	54.6	28/2/2014 5:31	60.8
21/3/2014 19:26	59.2	23/3/2014 8:31	63.2	23/3/2014 17:36	63.6	24/3/2014 22:41	62.6	27/3/2014 19:46	56.8	28/2/2014 5:36	59.4
21/3/2014 19:31	57.2	23/3/2014 8:36	56.5	23/3/2014 17:41	53.8	24/3/2014 22:46	63.2	27/3/2014 19:51	58.4	28/2/2014 5:41	59.3
21/3/2014 19:36	53.4	23/3/201									

Real-time Noise Data		RTN4 (Causeway Bay Community Centre)			
1/3/2014 1:06	58.6	2/3/2014 2:11	59.9	3/3/2014 3:16	56.3
1/3/2014 1:11	58.9	2/3/2014 2:16	65.8	3/3/2014 3:21	56.1
1/3/2014 1:16	58.1	2/3/2014 2:21	59.5	3/3/2014 3:26	56.1
1/3/2014 1:21	58.7	2/3/2014 2:26	60.5	3/3/2014 3:31	57.8
1/3/2014 1:26	59.2	2/3/2014 2:31	60.2	3/3/2014 3:36	57.1
1/3/2014 1:31	60.8	2/3/2014 2:36	60.1	3/3/2014 3:41	57.8
1/3/2014 1:36	37.5	2/3/2014 2:41	59.1	3/3/2014 3:46	56.0
1/3/2014 1:41	54.5	2/3/2014 2:46	60.1	3/3/2014 3:51	57.9
1/3/2014 1:46	52.5	2/3/2014 2:51	59.7	3/3/2014 3:56	56.5
1/3/2014 1:51	43.0	2/3/2014 2:56	60.2	3/3/2014 4:01	57.8
1/3/2014 1:56	60.5	2/3/2014 3:01	61.2	3/3/2014 4:06	57.2
1/3/2014 2:01	49.0	2/3/2014 3:06	54.7	3/3/2014 4:11	57.8
1/3/2014 2:06	60.0	2/3/2014 3:11	57.5	3/3/2014 4:16	57.1
1/3/2014 2:11	46.4	2/3/2014 3:16	54.2	3/3/2014 4:21	56.2
1/3/2014 2:16	60.5	2/3/2014 3:21	60.6	3/3/2014 4:26	56.5
1/3/2014 2:21	60.7	2/3/2014 3:26	59.7	3/3/2014 4:31	56.4
1/3/2014 2:26	60.3	2/3/2014 3:31	59.6	3/3/2014 4:36	58.0
1/3/2014 2:31	59.9	2/3/2014 3:36	60.9	3/3/2014 4:41	59.7
1/3/2014 2:36	60.4	2/3/2014 3:41	59.8	3/3/2014 4:46	56.8
1/3/2014 2:41	60.0	2/3/2014 3:46	60.0	3/3/2014 4:51	57.2
1/3/2014 2:46	59.9	2/3/2014 3:51	59.4	3/3/2014 4:56	57.1
1/3/2014 2:51	60.0	2/3/2014 3:56	58.5	3/3/2014 5:01	58.0
1/3/2014 2:56	60.5	2/3/2014 4:01	59.7	3/3/2014 5:06	58.8
1/3/2014 3:01	60.2	2/3/2014 4:06	58.7	3/3/2014 5:11	59.2
1/3/2014 3:06	60.2	2/3/2014 4:11	58.4	3/3/2014 5:16	53.4
1/3/2014 3:11	39.3	2/3/2014 4:16	59.1	3/3/2014 5:21	59.0
1/3/2014 3:16	60.0	2/3/2014 4:21	59.3	3/3/2014 5:26	58.2
1/3/2014 3:21	60.1	2/3/2014 4:26	59.5	3/3/2014 5:31	59.3
1/3/2014 3:26	60.7	2/3/2014 4:31	58.7	3/3/2014 5:36	59.6
1/3/2014 3:31	59.7	2/3/2014 4:36	59.5	3/3/2014 5:41	59.8
1/3/2014 3:36	59.1	2/3/2014 4:41	58.8	3/3/2014 5:46	59.7
1/3/2014 3:41	59.7	2/3/2014 4:46	58.7	3/3/2014 5:51	48.4
1/3/2014 3:46	60.0	2/3/2014 4:51	58.5	3/3/2014 5:56	51.8
1/3/2014 3:51	59.3	2/3/2014 4:56	58.7	3/3/2014 6:01	53.7
1/3/2014 3:56	60.1	2/3/2014 5:01	59.2	3/3/2014 6:06	55.2
1/3/2014 4:01	59.2	2/3/2014 5:06	54.6	3/3/2014 6:11	51.1
1/3/2014 4:06	59.7	2/3/2014 5:11	59.4	3/3/2014 6:16	57.8
1/3/2014 4:11	59.5	2/3/2014 5:16	59.9	3/3/2014 6:21	58.7
1/3/2014 4:16	59.0	2/3/2014 5:21	59.8	3/3/2014 6:26	59.6
1/3/2014 4:21	58.6	2/3/2014 5:26	58.6	3/3/2014 6:31	60.5
1/3/2014 4:26	58.3	2/3/2014 5:31	58.3	3/3/2014 6:36	61.2
1/3/2014 4:31	58.5	2/3/2014 5:36	58.2	3/3/2014 6:41	62.0
1/3/2014 4:36	59.1	2/3/2014 5:41	58.9	3/3/2014 6:46	62.7
1/3/2014 4:41	59.1	2/3/2014 5:46	58.4	3/3/2014 6:51	63.9
1/3/2014 4:46	58.3	2/3/2014 5:51	58.9	3/3/2014 6:56	62.2
1/3/2014 4:51	58.9	2/3/2014 5:56	58.8	3/3/2014 7:01	58.0
1/3/2014 4:56	59.3	2/3/2014 6:01	59.8	3/3/2014 7:06	59.5
1/3/2014 5:01	59.5	2/3/2014 6:06	59.1	3/3/2014 7:11	59.0
1/3/2014 5:06	59.5	2/3/2014 6:11	59.4	3/3/2014 7:16	59.4
1/3/2014 5:11	47.8	2/3/2014 6:16	60.8	3/3/2014 7:21	59.1
1/3/2014 5:16	59.5	2/3/2014 6:21	60.3	3/3/2014 7:26	58.5
1/3/2014 5:21	58.8	2/3/2014 6:26	60.3	3/3/2014 7:31	57.2
1/3/2014 5:26	59.6	2/3/2014 6:31	60.7	3/3/2014 7:36	61.1
1/3/2014 5:31	58.7	2/3/2014 6:36	60.1	3/3/2014 7:41	59.6
1/3/2014 5:36	60.4	2/3/2014 6:41	60.8	3/3/2014 7:46	57.3
1/3/2014 5:41	59.3	2/3/2014 6:46	60.5	3/3/2014 7:51	56.1
1/3/2014 5:46	60.3	2/3/2014 6:51	54.0	3/3/2014 7:56	54.5
1/3/2014 5:51	59.8	2/3/2014 6:56	51.0	4/3/2014 0:01	56.2
1/3/2014 5:56	60.6	2/3/2014 7:01	57.8	4/3/2014 0:06	58.0
1/3/2014 6:01	51.6	2/3/2014 7:06	57.9	4/3/2014 0:11	57.5
1/3/2014 6:06	60.7	2/3/2014 7:11	57.7	4/3/2014 0:16	63.1
1/3/2014 6:11	60.7	2/3/2014 7:16	59.3	4/3/2014 0:21	55.6
1/3/2014 6:16	55.4	2/3/2014 7:21	56.0	4/3/2014 0:26	54.6
1/3/2014 6:21	45.7	2/3/2014 7:26	59.1	4/3/2014 0:31	54.6
1/3/2014 6:26	54.5	2/3/2014 7:31	55.8	4/3/2014 0:36	57.1
1/3/2014 6:31	50.1	2/3/2014 7:36	57.7	4/3/2014 0:41	60.9
1/3/2014 6:36	55.8	2/3/2014 7:41	56.6	4/3/2014 0:46	49.9
1/3/2014 6:41	57.3	2/3/2014 7:46	57.4	4/3/2014 0:51	50.0
1/3/2014 6:46	58.2	2/3/2014 7:51	54.4	4/3/2014 0:56	60.8
1/3/2014 6:51	58.8	2/3/2014 7:56	59.6	4/3/2014 1:01	60.6
1/3/2014 6:56	59.6	3/3/2014 0:01	58.5	4/3/2014 1:06	59.4
1/3/2014 7:01	56.0	3/3/2014 0:06	57.7	4/3/2014 1:11	60.2
1/3/2014 7:06	55.1	3/3/2014 0:11	54.1	4/3/2014 1:16	60.7
1/3/2014 7:11	59.3	3/3/2014 0:16	58.5	4/3/2014 1:21	60.7
1/3/2014 7:16	60.5	3/3/2014 0:21	56.2	4/3/2014 1:26	59.6
1/3/2014 7:21	58.4	3/3/2014 0:26	58.0	4/3/2014 1:31	60.2
1/3/2014 7:26	58.8	3/3/2014 0:31	53.3	4/3/2014 1:36	60.3
1/3/2014 7:31	59.2	3/3/2014 0:36	60.7	4/3/2014 1:41	59.6
1/3/2014 7:36	58.5	3/3/2014 0:41	53.1	4/3/2014 1:46	58.9
1/3/2014 7:41	61.4	3/3/2014 0:46	60.1	4/3/2014 1:51	60.0
1/3/2014 7:46	59.9	3/3/2014 0:51	55.3	4/3/2014 1:56	60.5
1/3/2014 7:51	59.1	3/3/2014 0:56	59.9	4/3/2014 2:01	59.2
1/3/2014 7:56	60.7	3/3/2014 1:01	60.6	4/3/2014 2:06	55.5
2/3/2014 0:01	59.0	3/3/2014 1:06	60.5	4/3/2014 2:11	58.6
2/3/2014 0:06	59.4	3/3/2014 1:11	60.7	4/3/2014 2:16	59.6
2/3/2014 0:11	60.7	3/3/2014 1:16	59.9	4/3/2014 2:21	59.1
2/3/2014 0:16	57.1	3/3/2014 1:21	59.6	4/3/2014 2:26	59.0
2/3/2014 0:21	57.5	3/3/2014 1:26	59.6	4/3/2014 2:31	48.4
2/3/2014 0:26	57.8	3/3/2014 1:31	59.5	4/3/2014 2:36	58.5
2/3/2014 0:31	57.9	3/3/2014 1:36	59.6	4/3/2014 2:41	58.3
2/3/2014 0:36	58.2	3/3/2014 1:41	59.0	4/3/2014 2:46	58.4
2/3/2014 0:41	56.5	3/3/2014 1:46	59.0	4/3/2014 2:51	57.8
2/3/2014 0:46	57.8	3/3/2014 1:51	59.4	4/3/2014 2:56	58.5
2/3/2014 0:51	55.8	3/3/2014 1:56	58.3	4/3/2014 3:01	57.7
2/3/2014 0:56	55.6	3/3/2014 2:01	58.5	4/3/2014 3:06	57.6
2/3/2014 1:01	50.0	3/3/2014 2:06	58.7	4/3/2014 3:11	57.3
2/3/2014 1:06	54.2	3/3/2014 2:11	59.3	4/3/2014 3:16	56.4
2/3/2014 1:11	49.7	3/3/2014 2:16	58.4	4/3/2014 3:21	57.9
2/3/2014 1:16	60.7	3/3/2014 2:21	58.3	4/3/2014 3:26	58.9
2/3/2014 1:21	52.5	3/3/2014 2:26	57.7	4/3/2014 3:31	57.3
2/3/2014 1:26	57.2	3/3/2014 2:31	57.7	4/3/2014 3:36	57.8
2/3/2014 1:31	50.9	3/3/2014 2:36	56.8	4/3/2014 3:41	55.6
2/3/2014 1:36	58.4	3/3/2014 2:41	58.3	4/3/2014 3:46	58.5
2/3/2014 1:41	51.9	3/3/2014 2:46	57.5	4/3/2014 3:51	57.2
2/3/2014 1:46	43.6	3/3/2014 2:51	59.0	4/3/2014 3:56	57.9
2/3/2014 1:51	50.6	3/3/2014 2:56	56.6	4/3/2014 4:01	58.1
2/3/2014 1:56	60.1	3/3/2014 3:01	58.6	4/3/2014 4:06	56.9
2/3/2014 2:01	60.7	3/3/2014 3:06	58.2	4/3/2014 4:11	57.6
2/3/2014 2:06	60.3	3/3/2014 3:11	56.9	4/3/2014 4:16	56.9
2/3/2014 2:11	60.3	3/3/2014 3:16	57.6	4/3/2014 4:21	56.8
2/3/2014 2:16	49.7	3/3/2014 3:21	57.7	4/3/2014 4:26	56.0
2/3/2014 2:21	60.7	3/3/2014 3:26	56.2	4/3/2014 4:31	56.9
2/3/2014 2:26	57.2	3/3/2014 3:31	57.9	4/3/2014 4:36	59.3
2/3/2014 2:31	57.2	3/3/2014 3:36	57.3	4/3/2014 4:41	57.3
2/3/2014 2:36	50.9	3/3/2014 3:41	58.1	4/3/2014 4:46	58.3
2/3/2014 2:41	58.4	3/3/2014 3:46	57.0	4/3/2014 4:51	58.6
2/3/2014 2:46	51.9	3/3/2014 3:51	57.9	4/3/2014 4:56	58.4
2/3/2014 2:51	43.6	3/3/2014 3:56	56.9	4/3/2014 5:01	58.0
2/3/2014 2:56	50.6	3/3/2014 4:01	57.9	4/3/2014 5:06	59.3
2/3/2014 3:01	60.1	3/3/2014 4:06	56.3	4/3/2014 5:11	59.5
2/3/2014 3:06	60.7	3/3/2014 4:11	56.8	4/3/2014 5:16	58.9
2/3/2014 2:06	60.3	3/3/2014 4:16	56.8	4/3/2014 5:21	59.1
2/3/2014 2:11	49.7	3/3/2014 4:21	57.7	4/3/2014 5:26	58.2
2/3/2014 2:16	60.7	3/3/2014 4:26	56.2	4/3/2014 5:31	59.5
2/3/2014 2:21	52.5	3/3/2014 4:31	57.9	4/3/2014 5:36	59.1
2/3/2014 2:26	57.2	3/3/2014 4:36	57.3	4/3/2014 5:41	59.5
2/3/2014 2:31	50.9	3/3/2014 4:41	58.1	4/3/2014 5:46	59.5
2/3/2014 2:36	58.4	3/3/2014 4:46	57.0	4/3/2014 5:51	60.2
2/3/2014 2:41	51.9	3/3/2014 4:51	57.9	4/3/2014 5:56	60.8
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2/3/2014 2:51	50.6	3/3/2014 5:01	57.9	4/3/2014 6:06	54.5
2/3/2014 2:56	60.1	3/3/2014 5:06	56.3	4/3/2014 6:11	60.6
2/3/2014 3:01	60.7	3/3/2014 5:11	56.8	4/3/2014 6:16	55.9
2/3/2014 3:06	60.3	3/3/2014 5:16	56.8	4/3/2014 6:21	57.3
2/3/2014 2:06	60.3	3/3/2014 5:21	56.8	4/3/2014 6:26	58.2
2/3/2014 2:11	49.7	3/3/2014 5:26	56.2	4/3/2014 6:31	57.6
2/3/2014 2:16	60.7	3/3/2014 5:31	57.9	4/3/2014 6:36	59.4
2/3/2014 2:21	52.5	3/3/2014 5:36	57.7	4/3/2014 6:41	60.4
2/3/2014 2:26	57.2	3/3/2014 5:41	57.7	4/3/2014 6:46	61.1
2/3/2014 2:31	50.9	3/3/2014 5:46	58.1	4/3/2014 6:51	62.1
2/3/2014 2:36	58.4	3/3/2014 5:51	57.0	4/3/2014 6:56	61.4
2/3/2014 2:41	51.9	3/3/2014 5:56	60.2	4/3/2014 7:01	60.4
2/3/2014 2:46	43.6	4/3/2014 0:01	58.9	4/3/2014 7:06	45.4

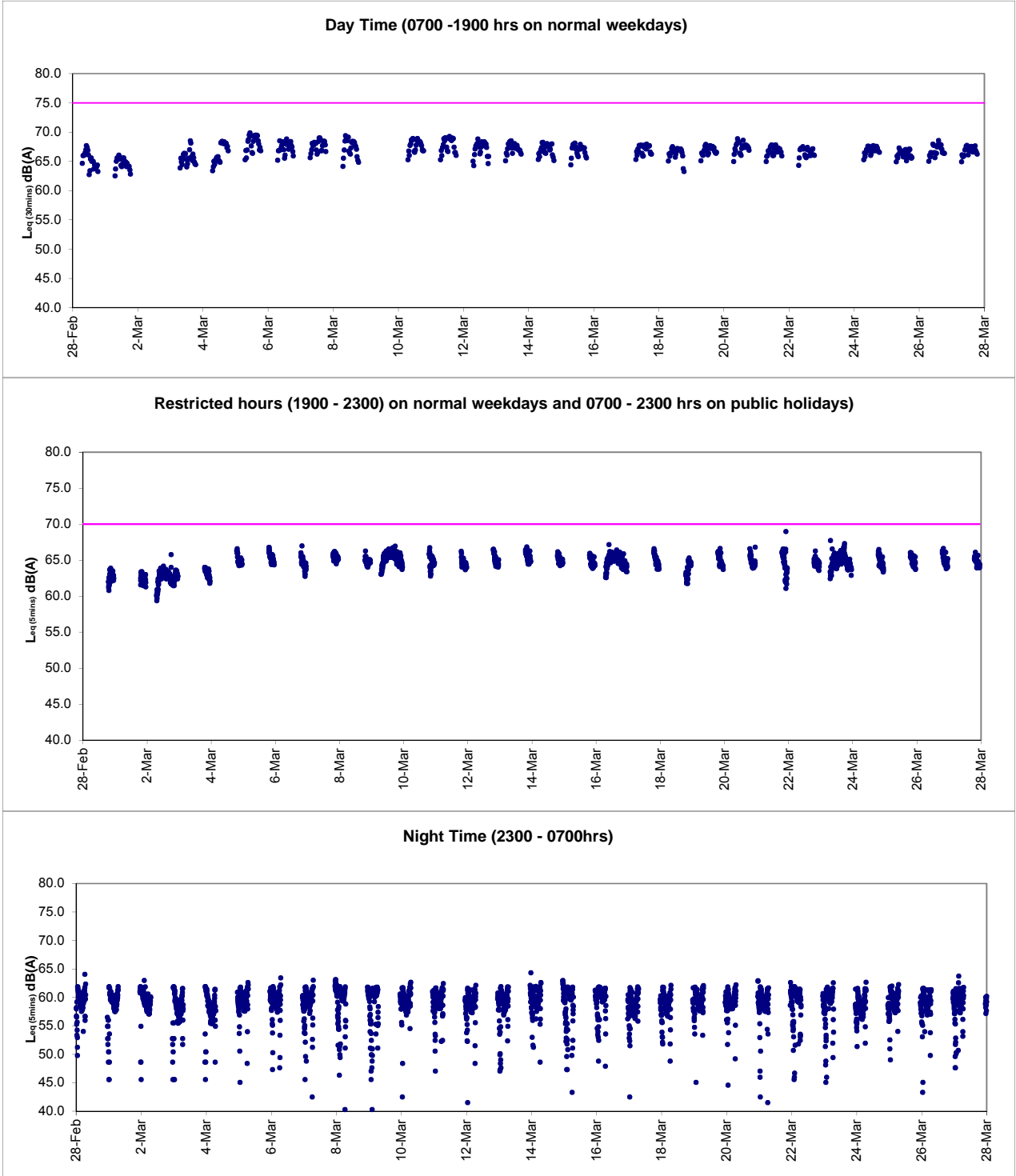
Real-time Noise Data		RTN4 (Causeway Bay Community Centre)									
7/3/2014 23:36	61.3	9/3/2014 0:41	57.0	10/3/2014 1:46	57.9	11/3/2014 2:51	57.8	12/3/2014 3:56	55.7	13/3/2014 5:01	57.9
7/3/2014 23:41	60.9	9/3/2014 0:46	56.3	10/3/2014 1:51	59.1	11/3/2014 2:56	58.2	12/3/2014 4:01	57.0	13/3/2014 5:06	58.0
7/3/2014 23:46	60.1	9/3/2014 0:51	52.4	10/3/2014 1:56	58.2	11/3/2014 3:01	59.1	12/3/2014 4:06	56.1	13/3/2014 5:11	58.2
7/3/2014 23:51	61.8	9/3/2014 0:56	50.5	10/3/2014 2:01	58.1	11/3/2014 3:06	57.8	12/3/2014 4:11	57.3	13/3/2014 5:16	60.6
7/3/2014 23:56	60.0	9/3/2014 1:01	52.8	10/3/2014 2:06	58.9	11/3/2014 3:11	57.8	12/3/2014 4:16	56.8	13/3/2014 5:21	58.5
8/3/2014 0:01	60.7	9/3/2014 1:06	49.4	10/3/2014 2:11	58.0	11/3/2014 3:16	57.8	12/3/2014 4:21	56.7	13/3/2014 5:26	58.7
8/3/2014 0:06	58.9	9/3/2014 1:11	51.9	10/3/2014 2:16	59.1	11/3/2014 3:21	57.4	12/3/2014 4:26	57.0	13/3/2014 5:31	57.8
8/3/2014 0:11	60.0	9/3/2014 1:16	53.3	10/3/2014 2:21	57.5	11/3/2014 3:26	57.1	12/3/2014 4:31	56.4	13/3/2014 5:36	57.7
8/3/2014 0:16	58.8	9/3/2014 1:21	56.2	10/3/2014 2:26	58.2	11/3/2014 3:31	58.2	12/3/2014 4:36	57.5	13/3/2014 5:41	59.9
8/3/2014 0:21	62.0	9/3/2014 1:26	60.4	10/3/2014 2:31	58.5	11/3/2014 3:36	58.1	12/3/2014 4:41	57.6	13/3/2014 5:46	59.5
8/3/2014 0:26	59.8	9/3/2014 1:31	55.2	10/3/2014 2:36	58.0	11/3/2014 3:41	58.2	12/3/2014 4:46	57.7	13/3/2014 5:51	59.5
8/3/2014 0:31	59.8	9/3/2014 1:36	45.4	10/3/2014 2:41	57.2	11/3/2014 3:46	58.2	12/3/2014 4:51	57.5	13/3/2014 5:56	60.9
8/3/2014 0:36	60.0	9/3/2014 1:41	60.6	10/3/2014 2:46	58.1	11/3/2014 3:51	57.9	12/3/2014 4:56	57.2	13/3/2014 6:01	60.6
8/3/2014 0:41	57.7	9/3/2014 1:46	47.8	10/3/2014 2:51	57.1	11/3/2014 3:56	57.7	12/3/2014 5:01	57.5	13/3/2014 6:06	60.7
8/3/2014 0:46	58.1	9/3/2014 1:51	60.5	10/3/2014 2:56	57.7	11/3/2014 4:01	58.1	12/3/2014 5:06	56.8	13/3/2014 6:11	49.7
8/3/2014 0:51	56.1	9/3/2014 1:56	60.5	10/3/2014 3:01	56.0	11/3/2014 4:06	58.2	12/3/2014 5:11	58.7	13/3/2014 6:16	53.5
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8/3/2014 1:01	54.6	9/3/2014 2:06	43.6	10/3/2014 3:11	57.0	11/3/2014 4:16	56.6	12/3/2014 5:21	58.0	13/3/2014 6:26	57.6
8/3/2014 1:06	55.2	9/3/2014 2:11	60.9	10/3/2014 3:16	57.2	11/3/2014 4:21	58.1	12/3/2014 5:26	58.7	13/3/2014 6:31	59.2
8/3/2014 1:11	60.7	9/3/2014 2:16	60.1	10/3/2014 3:21	56.1	11/3/2014 4:26	57.7	12/3/2014 5:31	58.2	13/3/2014 6:36	58.9
8/3/2014 1:16	54.0	9/3/2014 2:21	48.1	10/3/2014 3:26	56.5	11/3/2014 4:31	55.9	12/3/2014 5:36	58.7	13/3/2014 6:41	60.4
8/3/2014 1:21	54.5	9/3/2014 2:26	60.7	10/3/2014 3:31	57.9	11/3/2014 4:36	58.3	12/3/2014 5:41	60.1	13/3/2014 6:46	60.4
8/3/2014 1:26	53.4	9/3/2014 2:31	47.4	10/3/2014 3:36	55.7	11/3/2014 4:41	57.2	12/3/2014 5:46	60.3	13/3/2014 6:51	61.7
8/3/2014 1:31	52.5	9/3/2014 2:36	60.6	10/3/2014 3:41	56.2	11/3/2014 4:46	58.0	12/3/2014 5:51	60.7	13/3/2014 6:56	60.9
8/3/2014 1:36	56.1	9/3/2014 2:41	60.5	10/3/2014 3:46	56.6	11/3/2014 4:51	57.7	12/3/2014 5:56	59.6	13/3/2014 23:01	59.1
8/3/2014 1:41	55.9	9/3/2014 2:46	59.9	10/3/2014 3:51	56.5	11/3/2014 4:56	57.1	12/3/2014 6:01	60.1	13/3/2014 23:06	60.4
8/3/2014 1:46	57.6	9/3/2014 2:51	60.6	10/3/2014 3:56	56.2	11/3/2014 5:01	59.0	12/3/2014 6:06	51.2	13/3/2014 23:11	58.9
8/3/2014 1:51	55.8	9/3/2014 2:56	59.6	10/3/2014 4:01	57.2	11/3/2014 5:06	58.3	12/3/2014 6:11	60.3	13/3/2014 23:16	60.9
8/3/2014 1:56	52.8	9/3/2014 3:01	60.3	10/3/2014 4:06	57.0	11/3/2014 5:11	58.3	12/3/2014 6:16	55.3	13/3/2014 23:21	58.0
8/3/2014 2:01	60.6	9/3/2014 3:06	59.6	10/3/2014 4:11	56.9	11/3/2014 5:16	57.3	12/3/2014 6:21	56.0	13/3/2014 23:26	58.1
8/3/2014 2:06	60.4	9/3/2014 3:11	59.2	10/3/2014 4:16	57.6	11/3/2014 5:21	60.1	12/3/2014 6:26	57.8	13/3/2014 23:31	61.4
8/3/2014 2:11	60.7	9/3/2014 3:16	59.7	10/3/2014 4:21	57.1	11/3/2014 5:26	58.5	12/3/2014 6:31	56.9	13/3/2014 23:36	60.9
8/3/2014 2:16	60.7	9/3/2014 3:21	59.0	10/3/2014 4:26	57.1	11/3/2014 5:31	60.0	12/3/2014 6:36	59.8	13/3/2014 23:41	59.8
8/3/2014 2:21	60.4	9/3/2014 3:26	59.6	10/3/2014 4:31	56.6	11/3/2014 5:36	59.9	12/3/2014 6:41	60.1	13/3/2014 23:46	59.4
8/3/2014 2:26	52.2	9/3/2014 3:31	59.4	10/3/2014 4:36	56.8	11/3/2014 5:41	60.5	12/3/2014 6:46	58.9	13/3/2014 23:51	55.8
8/3/2014 2:31	49.1	9/3/2014 3:36	59.6	10/3/2014 4:41	56.6	11/3/2014 5:46	60.0	12/3/2014 6:51	61.9	13/3/2014 23:56	57.6
8/3/2014 2:36	45.7	9/3/2014 3:41	59.8	10/3/2014 4:46	57.2	11/3/2014 5:51	60.3	12/3/2014 6:56	61.5	14/3/2014 0:01	59.0
8/3/2014 2:41	60.7	9/3/2014 3:46	59.9	10/3/2014 4:51	57.2	11/3/2014 5:56	60.9	12/3/2014 7:01	58.5	14/3/2014 0:06	57.1
8/3/2014 2:46	60.7	9/3/2014 3:51	60.5	10/3/2014 4:56	58.0	11/3/2014 6:01	60.4	12/3/2014 7:06	60.0	14/3/2014 0:11	53.5
8/3/2014 2:51	60.8	9/3/2014 3:56	58.4	10/3/2014 5:01	57.7	11/3/2014 6:06	60.7	12/3/2014 7:11	59.4	14/3/2014 0:16	58.3
8/3/2014 2:56	60.7	9/3/2014 4:01	58.7	10/3/2014 5:06	59.1	11/3/2014 6:11	54.9	12/3/2014 7:16	58.9	14/3/2014 0:21	58.8
8/3/2014 3:01	59.8	9/3/2014 4:06	59.1	10/3/2014 5:11	57.0	11/3/2014 6:16	53.8	12/3/2014 7:21	57.7	14/3/2014 0:26	58.1
8/3/2014 3:06	60.4	9/3/2014 4:11	59.3	10/3/2014 5:16	57.2	11/3/2014 6:21	57.9	12/3/2014 7:26	59.5	14/3/2014 0:31	53.4
8/3/2014 3:11	59.9	9/3/2014 4:16	59.7	10/3/2014 5:21	58.4	11/3/2014 6:26	58.2	12/3/2014 7:31	57.2	14/3/2014 0:36	54.0
8/3/2014 3:16	60.1	9/3/2014 4:21	59.7	10/3/2014 5:26	58.6	11/3/2014 6:31	57.5	12/3/2014 7:36	57.7	14/3/2014 0:41	53.7
8/3/2014 3:21	59.4	9/3/2014 4:26	59.5	10/3/2014 5:31	59.0	11/3/2014 6:36	60.5	12/3/2014 7:41	57.6	14/3/2014 0:46	58.8
8/3/2014 3:26	60.2	9/3/2014 4:31	59.7	10/3/2014 5:36	51.3	11/3/2014 6:41	60.2	12/3/2014 7:46	56.5	14/3/2014 0:51	60.7
8/3/2014 3:31	60.4	9/3/2014 4:36	59.8	10/3/2014 5:41	59.4	11/3/2014 6:46	61.3	12/3/2014 7:51	56.6	14/3/2014 0:56	46.6
8/3/2014 3:36	58.7	9/3/2014 4:41	59.6	10/3/2014 5:46	60.7	11/3/2014 6:51	61.2	12/3/2014 7:56	58.1	14/3/2014 1:01	60.8
8/3/2014 3:41	59.3	9/3/2014 4:46	59.6	10/3/2014 5:51	59.7	11/3/2014 6:56	62.3	13/3/2014 0:01	58.9	14/3/2014 1:06	60.0
8/3/2014 3:46	59.0	9/3/2014 4:51	59.9	10/3/2014 5:56	60.0	11/3/2014 7:01	57.7	13/3/2014 0:06	56.6	14/3/2014 1:11	60.4
8/3/2014 3:51	59.4	9/3/2014 4:56	60.8	10/3/2014 6:01	60.1	11/3/2014 7:06	59.9	13/3/2014 0:11	55.9	14/3/2014 1:16	60.5
8/3/2014 3:56	58.5	9/3/2014 5:01	59.9	10/3/2014 6:06	54.4	11/3/2014 7:11	59.7	13/3/2014 0:16	49.3	14/3/2014 1:21	44.6
8/3/2014 4:01	58.8	9/3/2014 5:06	59.7	10/3/2014 6:11	55.8	11/3/2014 7:16	57.6	13/3/2014 0:21	57.9	14/3/2014 1:26	60.1
8/3/2014 4:06	59.6	9/3/2014 5:11	55.2	10/3/2014 6:16	54.4	11/3/2014 7:21	58.4	13/3/2014 0:26	58.2	14/3/2014 1:31	60.8
8/3/2014 4:11	59.1	9/3/2014 5:16	59.4	10/3/2014 6:21	53.6	11/3/2014 7:26	58.3	13/3/2014 0:31	50.6	14/3/2014 1:36	59.8
8/3/2014 4:16	58.8	9/3/2014 5:21	59.2	10/3/2014 6:26	60.5	11/3/2014 7:31	56.7	13/3/2014 0:36	60.3	14/3/2014 1:41	58.7
8/3/2014 4:21	59.1	9/3/2014 5:26	60.0	10/3/2014 6:31	58.6	11/3/2014 7:36	58.2	13/3/2014 0:41	51.8	14/3/2014 1:46	58.9
8/3/2014 4:26	59.1	9/3/2014 5:31	59.1	10/3/2014 6:36	61.2	11/3/2014 7:41	55.5	13/3/2014 0:46	55.2	14/3/2014 1:51	59.3
8/3/2014 4:31	59.0	9/3/2014 5:36	59.5	10/3/2014 6:41	60.6	11/3/2014 7:46	54.9	13/3/2014 0:51	43.6	14/3/2014 1:56	58.8
8/3/2014 4:36	59.2	9/3/2014 5:41	60.1	10/3/2014 6:46	61.5	11/3/2014 7:51	55.5	13/3/2014 0:56	60.1	14/3/2014 2:01	59.1
8/3/2014 4:41	58.8	9/3/2014 5:46	59.8	10/3/2014 6:51	60.8	11/3/2014 7:56	56.4	13/3/2014 1:01	60.8	14/3/2014 2:06	59.1
8/3/2014 4:46	58.2	9/3/2014 5:51	59.9	10/3/2014 6:56	62.4	12/3/2014 0:01	56.5	13/3/2014 1:06	45.7	14/3/2014 2:11	58.4
8/3/2014 4:51	58.4	9/3/2014 5:56	54.4	10/3/2014 7:01	61.0	12/3/2014 0:06	55.7	13/3/2014 1:11	48.1	14/3/2014 2:16	59.1
8/3/2014 4:56	59.3	9/3/2014 6:01	51.8	10/3/2014 7:06	58.7	12/3/2014 0:11	53.7	13/3/2014 1:16	54.6	14/3/2014 2:21	58.8
8/3/2014 5:01	58.4	9/3/2014 6:06	49.7	10/3/2014 7:11	59.5	12/3/2014 0:16	56.4	13/3/2014 1:21	45.4	14/3/2014 2:26	59.4
8/3/2014 5:06	59.7	9/3/2014 6:11	60.2	10/3/2014 7:16	59.5	12/3/2014 0:21	55.7	13/3/2014 1:26	60.6	14/3/2014 2:31	58.7
8/3/2014 5:11	60.6	9/3/2014 6:16	60.4	10/3/2014 7:21	56.6	12/3/2014 0:26	54.9	13/3/2014 1:31	60.0	14/3/2014 2:36	58.4
8/3/2014 5:16	57.9	9/3/2014 6:21	52.6	10/3/2014 7:26	57.7	12/3/2014 0:31	51.7	13/3/2014 1:36	59.8	14/3/2014 2:41	55.7
8/3/2014 5:21	58.7	9/3/2014 6:26	53.7	10/3/2014 7:31	60.2	12/3/2014 0:36	48.8	13/3/2014 1:41	59.2	14/3/2014 2:46	58.6
8/3/2014 5:26	58.6	9/3/2014 6:31	60.7	10/3/2014 7:36	59.8	12/3/2014 0:41	51.4	13/3/2014 1:46	60.9	14/3/2014 2:51	58.6
8/3/2014 5:31	58.9	9/3/2014 6:36	58.1	10/3/2014 7:41	58.9	12/3/2014 0:46	52.4	13/3/			

Real-time Noise Data	RTN4 (Causeway Bay Community Centre)				
14/3/2014 6:06 52.3	15/3/2014 23:11 60.5	17/3/2014 0:16 56.0	18/3/2014 1:21 60.5	19/3/2014 2:26 57.9	20/3/2014 3:31 56.9
14/3/2014 6:11 55.6	15/3/2014 23:16 59.3	17/3/2014 0:21 51.5	18/3/2014 1:26 59.7	19/3/2014 2:31 60.5	20/3/2014 3:36 57.4
14/3/2014 6:16 49.3	15/3/2014 23:21 58.6	17/3/2014 0:26 53.9	18/3/2014 1:31 59.0	19/3/2014 2:36 57.1	20/3/2014 3:41 56.6
14/3/2014 6:21 57.1	15/3/2014 23:26 58.7	17/3/2014 0:31 60.5	18/3/2014 1:36 59.4	19/3/2014 2:41 58.2	20/3/2014 3:46 58.2
14/3/2014 6:26 60.2	15/3/2014 23:31 58.7	17/3/2014 0:36 51.3	18/3/2014 1:41 58.9	19/3/2014 2:46 57.2	20/3/2014 3:51 58.3
14/3/2014 6:31 57.9	15/3/2014 23:36 59.8	17/3/2014 0:41 41.5	18/3/2014 1:46 59.1	19/3/2014 2:51 57.1	20/3/2014 3:56 57.3
14/3/2014 6:36 60.4	15/3/2014 23:41 58.2	17/3/2014 0:46 59.5	18/3/2014 1:51 59.2	19/3/2014 2:56 57.6	20/3/2014 4:01 57.2
14/3/2014 6:41 61.3	15/3/2014 23:46 59.1	17/3/2014 0:51 50.9	18/3/2014 1:56 58.7	19/3/2014 3:01 57.1	20/3/2014 4:06 57.7
14/3/2014 6:46 61.6	15/3/2014 23:51 58.2	17/3/2014 0:56 60.2	18/3/2014 2:01 57.9	19/3/2014 3:06 57.1	20/3/2014 4:11 55.5
14/3/2014 6:51 62.8	15/3/2014 23:56 58.3	17/3/2014 1:01 59.7	18/3/2014 2:06 58.5	19/3/2014 3:11 56.9	20/3/2014 4:16 57.7
14/3/2014 6:56 61.9	16/3/2014 0:01 58.6	17/3/2014 1:06 60.6	18/3/2014 2:11 59.2	19/3/2014 3:16 57.2	20/3/2014 4:21 56.9
14/3/2014 7:01 61.8	16/3/2014 0:06 59.5	17/3/2014 1:11 60.1	18/3/2014 2:16 57.6	19/3/2014 3:21 57.6	20/3/2014 4:26 55.8
14/3/2014 23:06 60.2	16/3/2014 0:11 59.6	17/3/2014 1:16 59.5	18/3/2014 2:21 58.0	19/3/2014 3:26 57.4	20/3/2014 4:31 56.8
14/3/2014 23:11 61.6	16/3/2014 0:16 61.5	17/3/2014 1:21 57.9	18/3/2014 2:26 58.3	19/3/2014 3:31 57.1	20/3/2014 4:36 56.6
14/3/2014 23:16 60.7	16/3/2014 0:21 59.9	17/3/2014 1:26 58.3	18/3/2014 2:31 58.2	19/3/2014 3:36 56.6	20/3/2014 4:41 57.1
14/3/2014 23:21 60.0	16/3/2014 0:26 58.0	17/3/2014 1:31 58.3	18/3/2014 2:36 58.2	19/3/2014 3:41 56.3	20/3/2014 4:46 56.8
14/3/2014 23:26 61.4	16/3/2014 0:31 56.4	17/3/2014 1:36 58.6	18/3/2014 2:41 58.6	19/3/2014 3:46 58.0	20/3/2014 4:51 57.4
14/3/2014 23:31 59.4	16/3/2014 0:36 57.0	17/3/2014 1:41 58.7	18/3/2014 2:46 58.3	19/3/2014 3:51 56.7	20/3/2014 4:56 58.9
14/3/2014 23:36 58.0	16/3/2014 0:41 54.6	17/3/2014 1:46 59.9	18/3/2014 2:51 56.7	19/3/2014 3:56 56.3	20/3/2014 5:01 57.8
14/3/2014 23:41 58.4	16/3/2014 0:46 53.5	17/3/2014 1:51 57.9	18/3/2014 2:56 56.2	19/3/2014 4:01 56.5	20/3/2014 5:06 57.9
14/3/2014 23:46 58.4	16/3/2014 0:51 55.9	17/3/2014 1:56 58.2	18/3/2014 3:01 56.0	19/3/2014 4:06 56.6	20/3/2014 5:11 59.7
14/3/2014 23:51 60.0	16/3/2014 0:56 57.2	17/3/2014 2:01 57.8	18/3/2014 3:06 58.5	19/3/2014 4:11 55.7	20/3/2014 5:16 59.0
14/3/2014 23:56 59.2	16/3/2014 1:01 58.1	17/3/2014 2:06 57.6	18/3/2014 3:11 57.0	19/3/2014 4:16 56.0	20/3/2014 5:21 58.6
15/3/2014 0:01 60.7	16/3/2014 1:06 49.0	17/3/2014 2:11 57.5	18/3/2014 3:16 57.0	19/3/2014 4:21 58.7	20/3/2014 5:26 58.5
15/3/2014 0:06 59.1	16/3/2014 1:11 53.1	17/3/2014 2:16 57.0	18/3/2014 3:21 55.3	19/3/2014 4:26 58.1	20/3/2014 5:31 58.9
15/3/2014 0:11 58.8	16/3/2014 1:16 56.4	17/3/2014 2:21 56.0	18/3/2014 3:26 56.7	19/3/2014 4:31 57.0	20/3/2014 5:36 58.6
15/3/2014 0:16 59.9	16/3/2014 1:21 41.5	17/3/2014 2:26 58.2	18/3/2014 3:31 58.1	19/3/2014 4:36 58.6	20/3/2014 5:41 58.7
15/3/2014 0:21 56.1	16/3/2014 1:26 50.3	17/3/2014 2:31 56.4	18/3/2014 3:36 57.6	19/3/2014 4:41 56.7	20/3/2014 5:46 59.0
15/3/2014 0:26 59.4	16/3/2014 1:31 51.9	17/3/2014 2:36 57.5	18/3/2014 3:41 55.9	19/3/2014 4:46 57.4	20/3/2014 5:51 51.8
15/3/2014 0:31 59.4	16/3/2014 1:36 60.4	17/3/2014 2:41 56.4	18/3/2014 3:46 56.7	19/3/2014 4:51 57.4	20/3/2014 5:56 60.9
15/3/2014 0:36 57.0	16/3/2014 1:41 45.0	17/3/2014 2:46 58.4	18/3/2014 3:51 58.4	19/3/2014 4:56 56.6	20/3/2014 6:01 60.0
15/3/2014 0:41 57.9	16/3/2014 1:46 53.2	17/3/2014 2:51 57.8	18/3/2014 3:56 56.3	19/3/2014 5:01 57.7	20/3/2014 6:06 60.7
15/3/2014 0:46 53.7	16/3/2014 1:51 59.4	17/3/2014 2:56 57.2	18/3/2014 4:01 56.9	19/3/2014 5:06 59.0	20/3/2014 6:11 54.5
15/3/2014 0:51 55.3	16/3/2014 1:56 42.3	17/3/2014 3:01 57.2	18/3/2014 4:06 56.3	19/3/2014 5:11 58.0	20/3/2014 6:16 53.0
15/3/2014 0:56 58.2	16/3/2014 2:01 60.8	17/3/2014 3:06 56.4	18/3/2014 4:11 56.2	19/3/2014 5:16 57.6	20/3/2014 6:21 56.7
15/3/2014 1:01 57.1	16/3/2014 2:06 47.4	17/3/2014 3:11 55.9	18/3/2014 4:16 57.7	19/3/2014 5:21 57.9	20/3/2014 6:26 57.9
15/3/2014 1:06 54.8	16/3/2014 2:11 59.9	17/3/2014 3:16 56.4	18/3/2014 4:21 56.1	19/3/2014 5:26 58.4	20/3/2014 6:31 56.7
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15/3/2014 1:16 52.8	16/3/2014 2:21 60.3	17/3/2014 3:26 55.9	18/3/2014 4:31 56.6	19/3/2014 5:36 60.2	20/3/2014 6:41 59.1
15/3/2014 1:21 54.9	16/3/2014 2:26 60.5	17/3/2014 3:31 57.6	18/3/2014 4:36 56.5	19/3/2014 5:41 58.9	20/3/2014 6:46 59.6
15/3/2014 1:26 49.9	16/3/2014 2:31 60.6	17/3/2014 3:36 57.5	18/3/2014 4:41 56.2	19/3/2014 5:46 59.3	20/3/2014 6:51 61.2
15/3/2014 1:31 52.8	16/3/2014 2:36 59.5	17/3/2014 3:41 56.7	18/3/2014 4:46 58.7	19/3/2014 5:51 59.9	20/3/2014 6:56 62.2
15/3/2014 1:36 53.3	16/3/2014 2:41 59.9	17/3/2014 3:46 57.8	18/3/2014 4:51 57.1	19/3/2014 5:56 34.5	20/3/2014 23:01 58.2
15/3/2014 1:41 53.0	16/3/2014 2:46 60.2	17/3/2014 3:51 57.7	18/3/2014 4:56 57.6	19/3/2014 6:01 60.0	20/3/2014 23:06 62.2
15/3/2014 1:46 53.8	16/3/2014 2:51 59.7	17/3/2014 3:56 56.1	18/3/2014 5:01 58.0	19/3/2014 6:06 60.5	20/3/2014 23:11 61.6
15/3/2014 1:51 49.6	16/3/2014 2:56 59.9	17/3/2014 4:01 57.2	18/3/2014 5:06 58.2	19/3/2014 6:11 53.1	20/3/2014 23:16 58.8
15/3/2014 1:56 60.7	16/3/2014 3:01 59.2	17/3/2014 4:06 56.1	18/3/2014 5:11 58.3	19/3/2014 6:16 50.9	20/3/2014 23:21 58.0
15/3/2014 2:01 60.8	16/3/2014 3:06 60.0	17/3/2014 4:11 57.1	18/3/2014 5:16 57.8	19/3/2014 6:21 57.3	20/3/2014 23:26 55.8
15/3/2014 2:06 43.0	16/3/2014 3:11 59.3	17/3/2014 4:16 58.2	18/3/2014 5:21 58.0	19/3/2014 6:26 59.8	20/3/2014 23:31 59.1
15/3/2014 2:11 40.6	16/3/2014 3:16 59.9	17/3/2014 4:21 55.6	18/3/2014 5:26 58.2	19/3/2014 6:31 58.2	20/3/2014 23:36 57.6
15/3/2014 2:16 60.7	16/3/2014 3:21 59.5	17/3/2014 4:26 55.9	18/3/2014 5:31 58.6	19/3/2014 6:36 60.3	20/3/2014 23:41 56.5
15/3/2014 2:21 52.4	16/3/2014 3:26 59.1	17/3/2014 4:31 56.8	18/3/2014 5:36 59.1	19/3/2014 6:41 60.7	20/3/2014 23:46 58.1
15/3/2014 2:26 46.4	16/3/2014 3:31 59.4	17/3/2014 4:36 56.1	18/3/2014 5:41 59.0	19/3/2014 6:46 61.8	20/3/2014 23:51 55.2
15/3/2014 2:31 60.9	16/3/2014 3:36 59.6	17/3/2014 4:41 55.7	18/3/2014 5:46 59.7	19/3/2014 6:51 62.8	20/3/2014 23:56 57.4
15/3/2014 2:36 37.5	16/3/2014 3:41 60.2	17/3/2014 4:46 56.7	18/3/2014 5:51 59.6	19/3/2014 6:56 61.0	21/3/2014 0:01 59.7
15/3/2014 2:41 60.9	16/3/2014 3:46 60.3	17/3/2014 4:51 57.3	18/3/2014 5:56 59.6	19/3/2014 23:01 58.2	21/3/2014 0:06 57.3
15/3/2014 2:46 52.4	16/3/2014 3:51 58.6	17/3/2014 4:56 58.5	18/3/2014 6:01 59.0	19/3/2014 23:06 62.2	21/3/2014 0:11 57.7
15/3/2014 2:51 60.4	16/3/2014 3:56 59.3	17/3/2014 5:01 57.9	18/3/2014 6:06 60.9	19/3/2014 23:11 61.6	21/3/2014 0:16 56.2
15/3/2014 2:56 60.0	16/3/2014 4:01 58.6	17/3/2014 5:06 58.7	18/3/2014 6:11 42.3	19/3/2014 23:16 58.8	21/3/2014 0:21 57.4
15/3/2014 3:01 59.9	16/3/2014 4:06 59.6	17/3/2014 5:11 57.3	18/3/2014 6:16 54.5	19/3/2014 23:21 58.0	21/3/2014 0:26 52.9
15/3/2014 3:06 60.4	16/3/2014 4:11 59.1	17/3/2014 5:16 57.9	18/3/2014 6:21 57.2	19/3/2014 23:26 55.8	21/3/2014 0:31 52.0
15/3/2014 3:11 59.6	16/3/2014 4:16 58.1	17/3/2014 5:21 57.0	18/3/2014 6:26 58.1	19/3/2014 23:31 59.1	21/3/2014 0:36 60.8
15/3/2014 3:16 59.4	16/3/2014 4:21 58.3	17/3/2014 5:26 57.8	18/3/2014 6:31 57.8	19/3/2014 23:36 57.6	21/3/2014 0:41 50.1
15/3/2014 3:21 60.0	16/3/2014 4:26 58.4	17/3/2014 5:31 59.0	18/3/2014 6:36 60.4	19/3/2014 23:41 56.5	21/3/2014 0:46 60.0
15/3/2014 3:26 59.4	16/3/2014 4:31 58.7	17/3/2014 5:36 58.5	18/3/2014 6:41 60.4	19/3/2014 23:46 58.1	21/3/2014 0:51 47.4
15/3/2014 3:31 60.3	16/3/2014 4:36 59.7	17/3/2014 5:41 58.6	18/3/2014 6:46 61.2	19/3/2014 23:51 55.2	21/3/2014 0:56 51.7
15/3/2014 3:36 59.6	16/3/2014 4:41 58.0	17/3/2014 5:46 60.4	18/3/2014 6:51 61.4	19/3/2014 23:56 57.4	21/3/2014 1:01 53.6
15/3/2014 3:41 59.4	16/3/2014 4:46 59.2	17/3/2014 5:51 60.1	18/3/2014 6:56 61.5	20/3/2014 0:01 59.7	21/3/2014 1:06 59.8
15/3/2014 3:46 60.5	16/3/2014 4:51 58.5	17/3/2014 5:56 60.3	18/3/2014 23:01 57.5	20/3/2014 0:06 57.3	21/3/2014 1:11 60.6
15/3/2014 3:51 58.9	16/3/2014 4:56 58.9	17/3/2014 6:01 59.4	18/3/2014 23:06 58.6	20/3/2014 0:11 57.7	21/3/2014 1:16 60.1
15/3/2014 3:56 59.2	16/3/2014 5:01 58.1	17/3/2014 6:06 37.5	18/3/2014 23:11 60.7	20/3/2014 0:16 56.2	21/3/2014 1:21 60.6
15/3/2014 4:01 59.6	16/3/2014 5:06 59.3	17/3/2014 6:11 60.7	18/3/2014 23:16 59.0	20/3/2014 0:21 57.4	21/3/2014 1:26 59.9
15/3/2014 4:06 59.1	16/3/2014 5:11 58.4	17/3/2014 6:16 58.3	18/3/2014 23:21 56.4	20/3/2014 0:26 52.9	21/3/2014 1:31 60.1
15/3/2014 4:11 59.5	16/3/2014 5:16 59.1	17/3/2014 6:21 58.0	18/3/2014 23:26 57.2	20/3/2014 0:31 62.0	21/3/2014 1:36 60.4
15/3/2014 4:16 59.5	16/3/2014 5:21 58.1	17/3/2014 6:26 58.9	18/3/2014 23:31 56.1	20/3/2014 0:36 60.8	21/3/2014 1:41 60.3
15/3/2014 4:21 59.5	16/3/2014 5:26 60.1	17/3/2014 6:31 58.0	18/3/2014 23:36 55.5	20/3/2014 0:41 50.1	21/3/2014 1:46 59.2
15/3/2014 4:26 58.6	16/3/2014 5:31 59.6	17/3/2014 6:36 60.0	18/3/2014 23:41 58.2	20/3/2014 0:46 60.0	21/3/2014 1:51 59.2
15/3/2014 4:31 60.0	16/3/2014 5:36 59.6	17/3/2014 6:41 60.4	18/3/2014 23:46 56.2	20/3/2014 0:51 47.4	21/3/2014 1:56 58.7
15/3/2014 4:36 59.1	16/3/2014 5:41 60.6	17/3/2014 6:46 61.7	18/3/2014 23:51 57.6	20/3/2014 0:56 51.7	21/3/2014 2:01 59.1
15/3/2014 4:41 59.2	16/3/2014 5:46 60.1	17/3/2014 6:51 61.7	18/3/2014 23:56 56.2	20/3/2014 1:01 53.6	21/3/2014 2:06 58.8
15/3/2014 4:46 59.8	16/3/2014 5:51 59.4	17/3/2014 6:56 61.7	19/3/2014 0:01 54.8	20/3/2014 1:06 59.8	21/3/2014 2:11 58.9
15/3/2014 4:51 58.7	16/3/2014 5:56 58.8	17/3/2014 23:01 58.0	19/3/2014 0:06 56.6	20/3/2014 1:11 60.6	21/3/2014 2:16 57.9
15/3/2014 4:56 58.5	16/3/2014 6:01 60.5	17/3/2014 23:06 58.2	19/3/2014 0:11 57.0	20/3/2014 1:16 60.1	

Real-time Noise Data		RTN4 (Causeway Bay Community Centre)									
21/3/2014 4:36	56.6	22/3/2014 5:41	60.1	23/3/2014 6:46	63.7	24/3/2014 23:51	55.7	26/3/2014 0:56	60.7	27/3/2014 2:01	58.3
21/3/2014 4:41	57.1	22/3/2014 5:46	60.3	23/3/2014 6:51	57.4	24/3/2014 23:56	56.2	26/3/2014 1:01	60.6	27/3/2014 2:06	58.8
21/3/2014 4:46	56.8	22/3/2014 5:51	60.2	23/3/2014 6:56	40.6	25/3/2014 0:01	57.2	26/3/2014 1:06	59.5	27/3/2014 2:11	58.6
21/3/2014 4:51	57.4	22/3/2014 5:56	60.5	23/3/2014 23:01	56.9	25/3/2014 0:06	56.1	26/3/2014 1:11	60.2	27/3/2014 2:16	58.5
21/3/2014 4:56	58.9	22/3/2014 6:01	45.7	23/3/2014 23:06	57.3	25/3/2014 0:11	61.7	26/3/2014 1:16	60.5	27/3/2014 2:21	58.7
21/3/2014 5:01	57.8	22/3/2014 6:06	60.5	23/3/2014 23:11	59.2	25/3/2014 0:16	57.3	26/3/2014 1:21	60.1	27/3/2014 2:26	58.9
21/3/2014 5:06	57.9	22/3/2014 6:11	53.2	23/3/2014 23:16	58.5	25/3/2014 0:21	49.1	26/3/2014 1:26	51.7	27/3/2014 2:31	58.7
21/3/2014 5:11	59.7	22/3/2014 6:16	52.4	23/3/2014 23:21	56.8	25/3/2014 0:26	53.1	26/3/2014 1:31	59.7	27/3/2014 2:36	58.7
21/3/2014 5:16	59.0	22/3/2014 6:21	57.5	23/3/2014 23:26	57.8	25/3/2014 0:31	60.4	26/3/2014 1:36	59.7	27/3/2014 2:41	58.7
21/3/2014 5:21	58.6	22/3/2014 6:26	55.0	23/3/2014 23:31	58.2	25/3/2014 0:36	50.3	26/3/2014 1:41	58.9	27/3/2014 2:46	58.0
21/3/2014 5:26	58.5	22/3/2014 6:31	57.2	23/3/2014 23:36	55.4	25/3/2014 0:41	51.4	26/3/2014 1:46	59.5	27/3/2014 2:51	58.8
21/3/2014 5:31	58.9	22/3/2014 6:36	58.7	23/3/2014 23:41	57.8	25/3/2014 0:46	53.4	26/3/2014 1:51	58.7	27/3/2014 2:56	58.3
21/3/2014 5:36	58.6	22/3/2014 6:41	60.2	23/3/2014 23:46	57.6	25/3/2014 0:51	60.8	26/3/2014 1:56	57.7	27/3/2014 3:01	57.9
21/3/2014 5:41	58.7	22/3/2014 6:46	59.6	23/3/2014 23:51	55.6	25/3/2014 0:56	60.3	26/3/2014 2:01	58.2	27/3/2014 3:06	58.5
21/3/2014 5:46	59.0	22/3/2014 6:51	59.7	23/3/2014 23:56	55.2	25/3/2014 1:01	60.7	26/3/2014 2:06	58.8	27/3/2014 3:11	57.5
21/3/2014 5:51	51.8	22/3/2014 6:56	56.7	24/3/2014 0:01	54.9	25/3/2014 1:06	59.7	26/3/2014 2:11	49.7	27/3/2014 3:16	58.5
21/3/2014 5:56	60.9	22/3/2014 23:01	59.9	24/3/2014 0:06	48.6	25/3/2014 1:11	60.5	26/3/2014 2:16	58.3	27/3/2014 3:21	59.6
21/3/2014 6:01	60.0	22/3/2014 23:06	60.6	24/3/2014 0:11	55.7	25/3/2014 1:16	59.3	26/3/2014 2:21	58.6	27/3/2014 3:26	57.7
21/3/2014 6:06	60.7	22/3/2014 23:11	59.3	24/3/2014 0:16	52.8	25/3/2014 1:21	60.8	26/3/2014 2:26	58.4	27/3/2014 3:31	58.9
21/3/2014 6:11	54.5	22/3/2014 23:16	58.2	24/3/2014 0:21	55.3	25/3/2014 1:26	58.5	26/3/2014 2:31	58.6	27/3/2014 3:36	58.8
21/3/2014 6:16	53.0	22/3/2014 23:21	59.1	24/3/2014 0:26	53.3	25/3/2014 1:31	59.7	26/3/2014 2:36	57.8	27/3/2014 3:41	60.7
21/3/2014 6:21	56.7	22/3/2014 23:26	59.6	24/3/2014 0:31	60.3	25/3/2014 1:36	59.5	26/3/2014 2:41	58.5	27/3/2014 3:46	58.6
21/3/2014 6:26	57.9	22/3/2014 23:31	58.1	24/3/2014 0:36	59.6	25/3/2014 1:41	58.5	26/3/2014 2:46	58.0	27/3/2014 3:51	56.0
21/3/2014 6:31	56.7	22/3/2014 23:36	58.5	24/3/2014 0:41	34.5	25/3/2014 1:46	59.8	26/3/2014 2:51	58.7	27/3/2014 3:56	57.0
21/3/2014 6:36	59.1	22/3/2014 23:41	56.6	24/3/2014 0:46	59.6	25/3/2014 1:51	60.3	26/3/2014 2:56	57.7	27/3/2014 4:01	57.7
21/3/2014 6:41	59.1	22/3/2014 23:46	58.6	24/3/2014 0:51	59.7	25/3/2014 1:56	58.3	26/3/2014 3:01	57.3	27/3/2014 4:06	56.9
21/3/2014 6:46	59.6	22/3/2014 23:51	58.4	24/3/2014 0:56	59.3	25/3/2014 2:01	59.4	26/3/2014 3:06	56.9	27/3/2014 4:11	57.0
21/3/2014 6:51	61.2	22/3/2014 23:56	58.1	24/3/2014 1:01	59.8	25/3/2014 2:06	58.2	26/3/2014 3:11	56.5	27/3/2014 4:16	57.5
21/3/2014 6:56	62.2	23/3/2014 0:01	59.6	24/3/2014 1:06	59.1	25/3/2014 2:11	59.1	26/3/2014 3:16	57.3	27/3/2014 4:21	57.7
21/3/2014 23:01	61.1	23/3/2014 0:06	57.0	24/3/2014 1:11	59.1	25/3/2014 2:16	58.6	26/3/2014 3:21	56.9	27/3/2014 4:26	57.1
21/3/2014 23:06	62.6	23/3/2014 0:11	58.8	24/3/2014 1:16	59.5	25/3/2014 2:21	58.0	26/3/2014 3:26	57.3	27/3/2014 4:31	55.9
21/3/2014 23:11	60.2	23/3/2014 0:16	56.0	24/3/2014 1:21	58.5	25/3/2014 2:26	58.5	26/3/2014 3:31	57.9	27/3/2014 4:36	56.8
21/3/2014 23:16	60.3	23/3/2014 0:21	57.6	24/3/2014 1:26	58.2	25/3/2014 2:31	57.8	26/3/2014 3:36	57.7	27/3/2014 4:41	56.8
21/3/2014 23:21	59.4	23/3/2014 0:26	58.6	24/3/2014 1:31	59.0	25/3/2014 2:36	58.8	26/3/2014 3:41	56.6	27/3/2014 4:46	57.4
21/3/2014 23:26	60.3	23/3/2014 0:31	57.0	24/3/2014 1:36	59.1	25/3/2014 2:41	56.6	26/3/2014 3:46	56.5	27/3/2014 4:51	57.0
21/3/2014 23:31	59.7	23/3/2014 0:36	52.8	24/3/2014 1:41	57.8	25/3/2014 2:46	57.8	26/3/2014 3:51	57.9	27/3/2014 4:56	58.2
21/3/2014 23:36	58.5	23/3/2014 0:41	57.3	24/3/2014 1:46	56.6	25/3/2014 2:51	57.4	26/3/2014 3:56	56.6	27/3/2014 5:01	58.2
21/3/2014 23:41	59.1	23/3/2014 0:46	59.3	24/3/2014 1:51	57.9	25/3/2014 2:56	56.6	26/3/2014 4:01	59.1	27/3/2014 5:06	59.3
21/3/2014 23:46	59.5	23/3/2014 0:51	56.6	24/3/2014 1:56	58.6	25/3/2014 3:01	58.0	26/3/2014 4:06	57.1	27/3/2014 5:11	56.7
21/3/2014 23:51	60.4	23/3/2014 0:56	53.7	24/3/2014 2:01	58.3	25/3/2014 3:06	57.5	26/3/2014 4:11	58.0	27/3/2014 5:16	58.2
21/3/2014 23:56	58.2	23/3/2014 1:01	54.7	24/3/2014 2:06	57.1	25/3/2014 3:11	57.3	26/3/2014 4:16	56.4	27/3/2014 5:21	58.5
22/3/2014 0:01	57.8	23/3/2014 1:06	56.7	24/3/2014 2:11	57.2	25/3/2014 3:16	58.1	26/3/2014 4:21	57.1	27/3/2014 5:26	56.8
22/3/2014 0:06	58.4	23/3/2014 1:11	60.7	24/3/2014 2:16	57.7	25/3/2014 3:21	57.3	26/3/2014 4:26	56.1	27/3/2014 5:31	58.9
22/3/2014 0:11	61.2	23/3/2014 1:16	52.8	24/3/2014 2:21	57.0	25/3/2014 3:26	56.6	26/3/2014 4:31	56.1	27/3/2014 5:36	59.4
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22/3/2014 0:21	59.0	23/3/2014 1:26	52.7	24/3/2014 2:31	57.7	25/3/2014 3:36	57.6	26/3/2014 4:41	55.8	27/3/2014 5:46	60.1
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22/3/2014 0:41	50.5	23/3/2014 1:46	60.3	24/3/2014 2:51	57.4	25/3/2014 3:56	58.2	26/3/2014 5:01	58.3	27/3/2014 6:06	46.1
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22/3/2014 0:56	51.4	23/3/2014 2:01	60.1	24/3/2014 3:06	55.9	25/3/2014 4:11	54.5	26/3/2014 5:16	58.0	27/3/2014 6:21	58.9
22/3/2014 1:01	51.3	23/3/2014 2:06	60.8	24/3/2014 3:11	56.7	25/3/2014 4:16	56.6	26/3/2014 5:21	48.6	27/3/2014 6:26	57.2
22/3/2014 1:06	53.8	23/3/2014 2:11	59.9	24/3/2014 3:16	56.6	25/3/2014 4:21	57.5	26/3/2014 5:26	58.2	27/3/2014 6:31	60.2
22/3/2014 1:11	53.6	23/3/2014 2:16	60.0	24/3/2014 3:21	55.9	25/3/2014 4:26	55.3	26/3/2014 5:31	58.5	27/3/2014 6:36	60.6
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22/3/2014 1:31	60.7	23/3/2014 2:36	60.9	24/3/2014 3:41	56.5	25/3/2014 4:46	56.7	26/3/2014 5:51	60.7	27/3/2014 6:56	62.1
22/3/2014 1:36	60.5	23/3/2014 2:41	59.9	24/3/2014 3:46	57.3	25/3/2014 4:51	56.5	26/3/2014 5:56	58.2	27/3/2014 7:01	56.8
22/3/2014 1:41	60.5	23/3/2014 2:46	60.7	24/3/2014 3:51	57.3	25/3/2014 4:56	57.8	26/3/2014 6:01	59.7	27/3/2014 7:06	58.3
22/3/2014 1:46	51.4	23/3/2014 2:51	59.6	24/3/2014 3:56	56.2	25/3/2014 5:01	56.5	26/3/2014 6:06	46.4	27/3/2014 7:11	59.1
22/3/2014 1:51	47.8	23/3/2014 2:56	60.6	24/3/2014 4:01	56.5	25/3/2014 5:06	57.7	26/3/2014 6:11	57.7	27/3/2014 7:16	59.2
22/3/2014 1:56	60.2	23/3/2014 3:01	59.2	24/3/2014 4:06	57.1	25/3/2014 5:11	58.2	26/3/2014 6:16	41.5	27/3/2014 7:21	56.6
22/3/2014 2:01	42.3	23/3/2014 3:06	60.1	24/3/2014 4:11	56.0	25/3/2014 5:16	57.6	26/3/2014 6:21	57.4	27/3/2014 7:26	56.3
22/3/2014 2:06	60.4	23/3/2014 3:11	51.5	24/3/2014 4:16	56.7	25/3/2014 5:21	58.5	26/3/2014 6:26	58.2	27/3/2014 7:31	56.8
22/3/2014 2:11	49.3	23/3/2014 3:16	59.6	24/3/2014 4:21	57.3	25/3/2014 5:26	57.6	26/3/2014 6:31	58.7	27/3/2014 7:36	58.5
22/3/2014 2:16	60.3	23/3/2014 3:21	58.5	24/3/2014 4:26	56.4	25/3/2014 5:31	58.7	26/3/2014 6:36	59.0	27/3/2014 7:41	57.9
22/3/2014 2:21	60.3	23/3/2014 3:26	60.3	24/3/2014 4:31	55.5	25/3/2014 5:36	58.6	26/3/2014 6:41	61.6	27/3/2014 7:46	58.5
22/3/2014 2:26	60.3	23/3/2014 3:31	59.6	24/3/2014 4:36	58.1	25/3/2014 5:41	59.6	26/3/2014 6:46	61.6	27/3/2014 7:51	56.5
22/3/2014 2:31	47.2	23/3/2014 3:36	60.3	24							

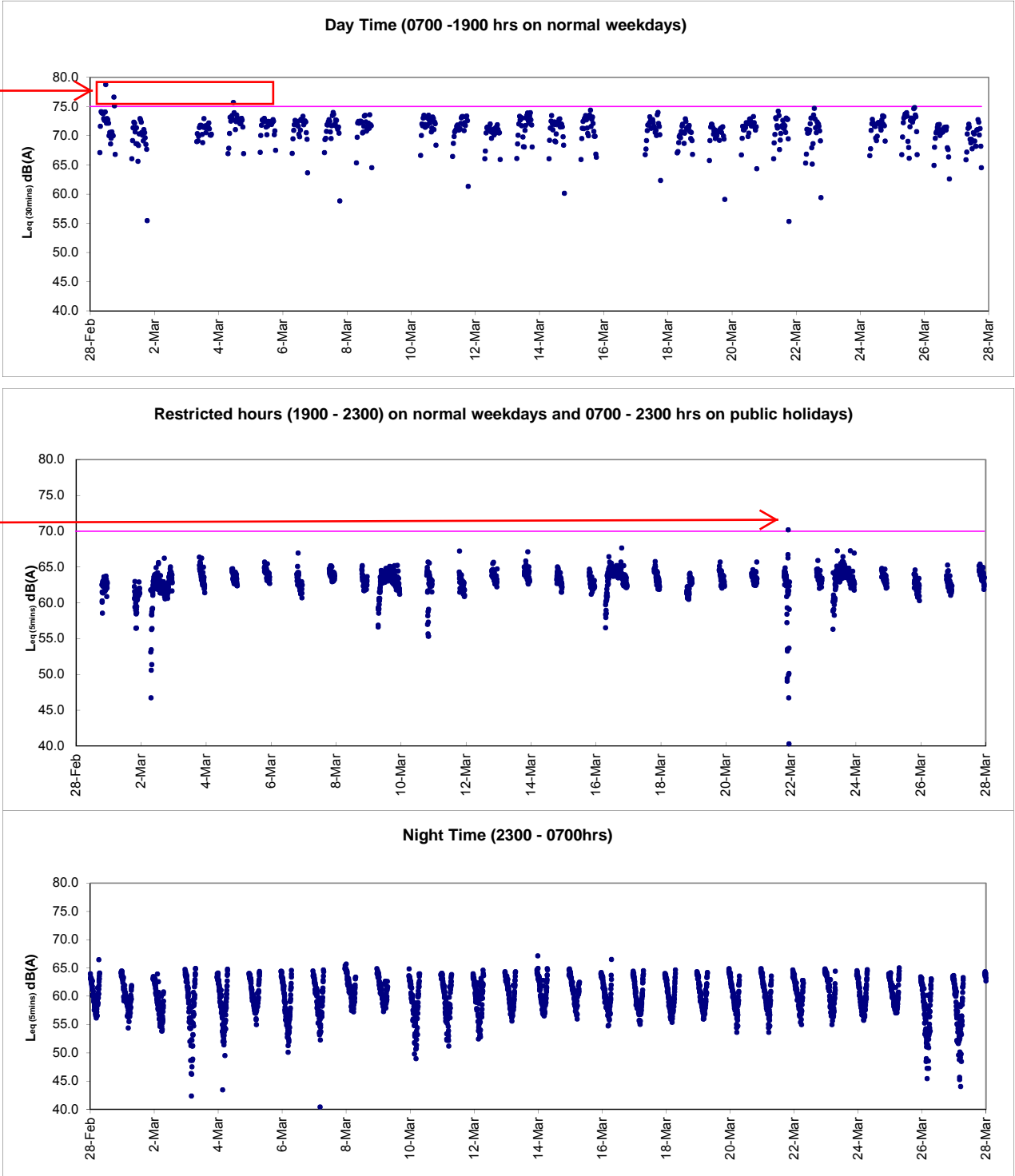


Graphic Presentation of Real Time Noise Monitoring Result (RTN1-Food and Environmental Hygiene Department Depot)





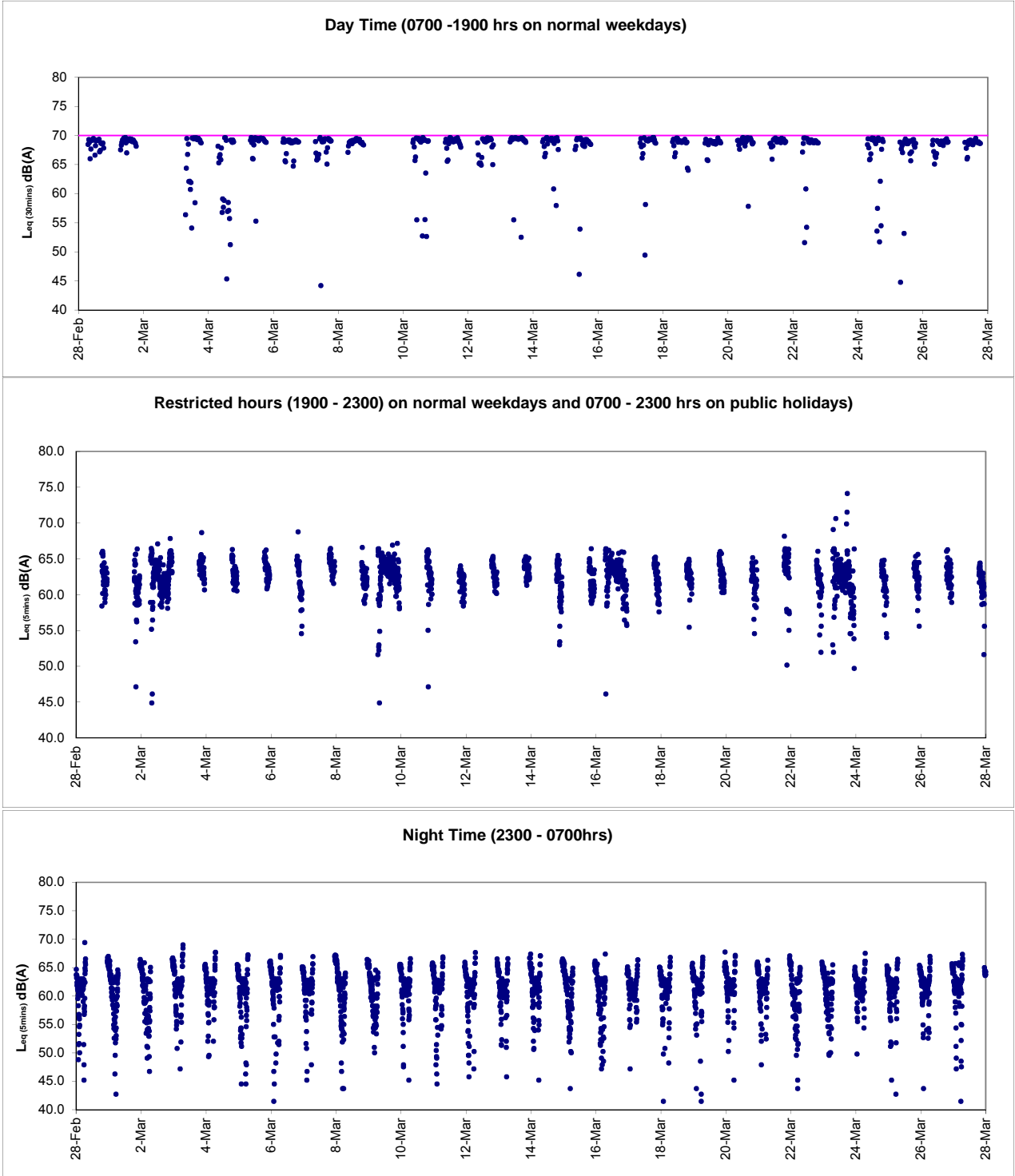
Graphic Presentation of Real Time Noise Monitoring Result (RTN2a- Hong Kong Electric Centre)



After checking with contractor HY/2009/19, no construction works were conducted at the concerned location during the recorded period. As such, the exceedances were considered to be contributed by nearby IEC traffic and nearby non- CWB Projects.

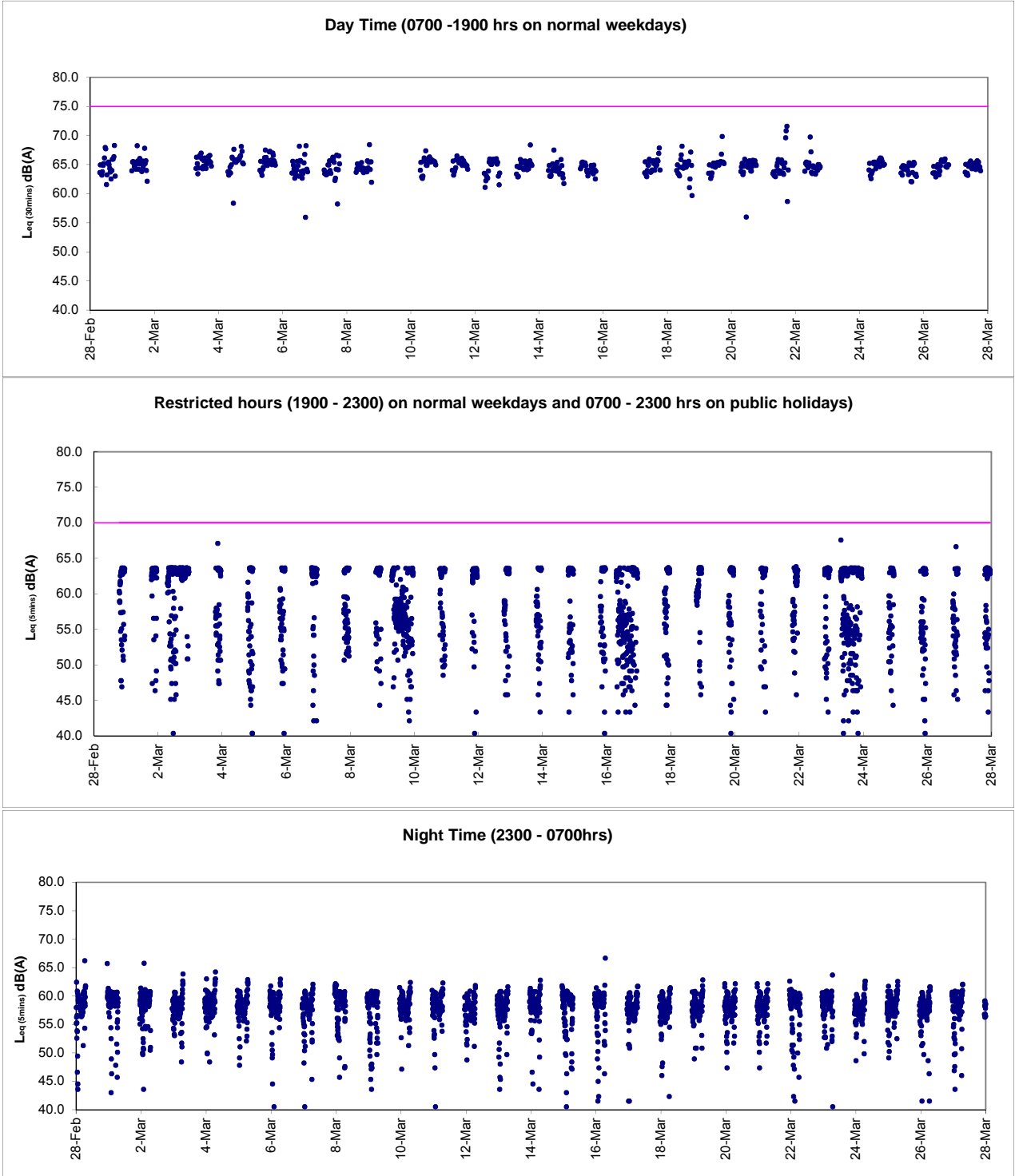


Graphic Presentation of Real Time Noise Monitoring Result (RTN3-Yu Lee Mo Fan Memorial School)





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





Appendix 6.1

Event Action Plans



Event/Action Plan for Construction Noise

EVENT	ACTION			
	ET	IEC	ER	CONTRACTOR
Action Level being exceeded	<ol style="list-style-type: none">1. Notify ER, IEC and Contractor;2. Carry out investigation;3. Report the results of investigation to the IEC, ER and Contractor;4. Discuss with the IEC and Contractor on remedial measures required;5. Increase monitoring frequency to check mitigation effectiveness. <p>(The above actions should be taken within 2 working days after the exceedance is identified)</p>	<ol style="list-style-type: none">1. Review the investigation results submitted by the ET;2. Review the proposed remedial measures by the Contractor and advise the ER accordingly;3. Advise the ER on the effectiveness of the proposed remedial measures. <p>(The above actions should be taken within 2 working days after the exceedance is identified)</p>	<ol style="list-style-type: none">1. Confirm receipt of notification of failure in writing;2. Notify Contractor;3. In consolidation with the IEC, agree with the Contractor on the remedial measures to be implemented;4. Supervise the implementation of remedial measures. <p>(The above actions should be taken within 2 working days after the exceedance is identified)</p>	<ol style="list-style-type: none">1. Submit noise mitigation proposals to IEC and ER;2. Implement noise mitigation proposals. <p>(The above actions should be taken within 2 working days after the exceedance is identified)</p>



EVENT	ACTION			
	ET	IEC	ER	CONTRACTOR
Limit Level being exceeded	<ol style="list-style-type: none"> 1. Inform IEC, ER, Contractor and EPD; 2. Repeat measurements to confirm findings; 3. Increase monitoring frequency; 4. Identify source and investigate the cause of exceedance; 5. Carry out analysis of Contractor's working procedures; 6. Discuss with the IEC, Contractor and ER on remedial measures required; 7. Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and ER informed of the results; 8. If exceedance stops, cease additional monitoring. (The above actions should be taken within 2 working days after the exceedance is identified) 	<ol style="list-style-type: none"> 1. Discuss amongst ER, ET, and Contractor on the potential remedial actions; 2. Review Contractor's remedial actions whenever necessary to assure their effectiveness and advise the ER accordingly. (The above actions should be taken within 2 working days after the exceedance is identified) 	<ol style="list-style-type: none"> 1. Confirm receipt of notification of failure in writing; 2. Notify Contractor; 3. In consolidation with the IEC, agree with the Contractor on the remedial measures to be implemented; 4. Supervise the implementation of remedial measures; 5. If exceedance continues, consider stopping the Contractor to continue working on that portion of work which causes the exceedance until the exceedance is abated. (The above actions should be taken within 2 working days after the exceedance is identified) 	<ol style="list-style-type: none"> 1. Take immediate action to avoid further exceedance; 2. Submit proposals for remedial actions to IEC and ER within 3 working days of notification; 3. Implement the agreed proposals; 4. Submit further proposal if problem still not under control; 5. Stop the relevant portion of works as instructed by the ER until the exceedance is abated. (The above actions should be taken within 2 working days after the exceedance is identified)



Event / Action Plan for Construction Air Quality

EVENT	ACTION			
	ET	IEC	ER	CONTRACTOR
ACTION LEVEL				
1. Exceedance for one sample	<ol style="list-style-type: none"> Identify source, investigate the causes of exceedance and propose remedial measures; Inform IEC and ER; Repeat measurement to confirm finding; Increase monitoring frequency to daily. (The above actions should be taken within 2 working days after the exceedance is identified)	<ol style="list-style-type: none"> Check monitoring data submitted by ET; Check Contractor's working method. (The above actions should be taken within 2 working days after the exceedance is identified)	<ol style="list-style-type: none"> Notify Contractor. (The above actions should be taken within 2 working days after the exceedance is identified)	<ol style="list-style-type: none"> Rectify any unacceptable practice; Amend working methods if appropriate. (The above actions should be taken within 2 working days after the exceedance is identified)
2. Exceedance for two or more consecutive samples	<ol style="list-style-type: none"> Identify source; Inform IEC and ER; Advise the ER on the effectiveness of the proposed remedial measures; Repeat measurements to confirm findings; Increase monitoring frequency to daily; Discuss with IEC and Contractor on remedial actions required; If exceedance continues, arrange meeting with IEC and ER; If exceedance stops, cease additional monitoring. (The above actions should be taken within 2 working days after the exceedance is identified)	<ol style="list-style-type: none"> Check monitoring data submitted by ET; Check Contractor's working method; Discuss with ET and Contractor on possible remedial measures; Advise the ET on the effectiveness of the proposed remedial measures; Supervise Implementation of remedial measures. (The above actions should be taken within 2 working days after the exceedance is identified)	<ol style="list-style-type: none"> Confirm receipt of notification of failure in writing; Notify Contractor; Ensure remedial measures properly implemented. (The above actions should be taken within 2 working days after the exceedance is identified)	<ol style="list-style-type: none"> Submit proposals for remedial to ER within 3 working days of notification; Implement the agreed proposals; Amend proposal if appropriate. (The above actions should be taken within 2 working days after the exceedance is identified)
LIMIT LEVEL				
1. Exceedance for one sample	<ol style="list-style-type: none"> Identify source, investigate the causes of exceedance and propose remedial measures; Inform ER, Contractor and EPD; Repeat measurement to confirm finding; Increase monitoring frequency to daily; Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and ER informed of the results. (The above actions should be taken within 2 working days after the exceedance is identified)	<ol style="list-style-type: none"> Check monitoring data submitted by ET; Check Contractor's working method; Discuss with ET and Contractor on possible remedial measures; Advise the ER on the effectiveness of the proposed remedial measures; Supervise implementation of remedial measures. (The above actions should be taken within 2 working days after the exceedance is identified)	<ol style="list-style-type: none"> Confirm receipt of notification of failure in writing; Notify Contractor; Ensure remedial measures properly implemented. (The above actions should be taken within 2 working days after the exceedance is identified)	<ol style="list-style-type: none"> Take immediate action to avoid further exceedance; Submit proposals for remedial actions to IEC within 3 working days of notification; Implement the agreed proposals; Amend proposal if appropriate. (The above actions should be taken within 2 working days after the exceedance is identified)
2. Exceedance for two or more consecutive samples	<ol style="list-style-type: none"> Notify IEC, ER, Contractor and EPD; Identify source; Repeat measurement to confirm findings; Increase monitoring frequency to daily; Carry out analysis of Contractor's working procedures to determine possible mitigation to be implemented; Arrange meeting with IEC and ER to discuss the remedial actions to be taken; Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and ER informed of the results; If exceedance stops, cease additional monitoring. (The above actions should be taken within 2 working days after the exceedance is identified)	<ol style="list-style-type: none"> Discuss amongst ER, ET, and Contractor on the potential remedial actions; Review Contractor's remedial actions whenever necessary to assure their effectiveness and advise the ER accordingly; Supervise the implementation of remedial measures. 	<ol style="list-style-type: none"> Confirm receipt of notification of failure in writing; Notify Contractor; In consolidation with the IEC, agree with the Contractor on the remedial measures to be implemented; Ensure remedial measures properly implemented; If exceedance continues, consider what portion of the work is responsible and instruct the Contractor to stop that portion of work until the exceedance is abated. (The above actions should be taken within 2 working days after the exceedance is identified)	<ol style="list-style-type: none"> Take immediate action to avoid further exceedance; Submit proposals for remedial actions to IEC within 3 working days of notification; Implement the agreed proposals; Resubmit proposals if problem still not under control; Stop the relevant portion of works as determined by the ER until the exceedance is abated. (The above actions should be taken within 2 working days after the exceedance is identified)



Appendix 6.2

Summary for Notification of Exceedance



Ref. No.	Date	Time	Location	Construction Noise Level	Unit	Action Level	Limit Level	Follow-up action
X_10N158	5-Mar-14	15:26	M6 - HK Baptist Church Henrietta Secondary School	71	Leq(30-min)	when one documented complaint was received.	70	<p>Possible reason: Traffic nearby was observed during monitoring and was considered as the major noise contribution.</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: Welding and grouting works at dolphin cap for Contract HY/2009/19 were conducted around the concerned location during the measurement. It was observed that traffic noise was a major noise source during monitoring. It is concluded that the exceedance was not due to project but to traffic noise nearby.</p>
X_10N159	11-Mar-14	13:30	M6 - HK Baptist Church Henrietta Secondary School	72	Leq(30-min)	when one documented complaint was received.	70	<p>Possible reason: Traffic nearby was observed during monitoring and was considered as the major noise contribution.</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: Rebar fixing and concrete curing works at dolphin cap for Contract HY/2009/19 were conducted around the concerned location during the measurement. It was observed that traffic noise was a major noise source during monitoring. It is concluded that the exceedance was not due to project but to traffic noise nearby.</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 complaint at night-time. 3) Follow-up action had been taken by contractor that switches off all non-essential lights to minimized nuisance to the nearby residents. The complainant satisfied to the practice and no further complaint was received after that.	Closed
110826	26/08/2011	Grand Hyatt and a complainant by ICC	Wan Chai	Construction noise and vibration nuisance generated from the works at Convention Avenue and inside the HKCEC1	1) Confirmed with the Resident Site Staff that the construction works were referred to the Contractor HK/2009/01. 2) The Excavator mounted breaker at Convention Avenue	Closed



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



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					occasionally outside the garbage defender. No conclusion could be made for the source of these floating refuses. On the other hand, some of the floating refuses were observed immigrating in the protective zone during investigation 8) All daily cleaning actions had been taken by contractor to minimize floating refuse inside the construction site. It was noted that the intake (land side) is open access to public, so that many activities such as fishing, feeding fish were conducted there even though a notice has already hoisted. Also, tripping of rubbish by the passers-by could result in a lot of rubbish accumulated around the intake point. 9) Referring to the record provided by CPML, there were a lot of nylon/ plastic bags and nylon wire mesh that matched those rubbishes generated from the public activities. 10) Contractors have fulfilled the requirement of site cleanness and no exceedance was recorded during Water Quality Monitoring. It is consider the cause of this complaint is not related to project and environmental issue in this project as well. No more complaint received after ad-hoc inspection	
111014	14/10/2011	The complainant, Ms. Tam complained via hotline 1823	Wan Chai	The polluted fumes and exhaust from the excavation by sub-contractor of CEDD on pedestrian way outside no.25 Harbour Road (in front of the Harbour Centre)	1) RSS notified ET to carry out investigation on 17 October 2011. 2) ET confirmed with the Resident Site Staff that the location of the excavator was within site area of Contract no. HK/2009/02 undertaking the water cooling main reprovision works along the Harbour Road. The plants including the excavator have been checked before using at the site. However, the polluted fumes and exhausted from the excavator was caused due to insufficient maintenance of the plant after using at site. 3) After receiving the complaint, the excavator was then removal off-site for checking and maintenance works on 17 October 2011. 4) Contractor was reminded to enhance regular checking and maintenance to all plants at site. 5) RSS has replied to the complainant on the arrangement of the measures taken on 17 October 2011. Complainant was satisfied with the response and follow-up action taken by the Contractor.	Closed
111104	04/11/2011	Mr. Liu from	Wan Chai	Complain about a tree near the	1) ET confirmed with the Resident Site Staff that	Closed



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



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					bentonite pipes at about 6:00a.m to ensure no damages and all the pipe joints should be tightened and in good position. 4) Contractor was advised to enhance the communication between Contractor and sub-contractor and provide sufficient environmental training to all foreman and operators on restricted hour operation. Furthermore, Construction Noise Permit should be checked and in place for the construction works during restricted hour 5) This complaint was considered in relation to the conducted construction works during restricted hours without valid Construction Noise Permit. No more construction works were conducted during night time period. The construction works will be conducted in accordance with the time period stated in valid CNP. This complaint will be kept in view of any follow-up action from the relevant government activities.	
111212	12/12/2011	The complainant, Mr Tsui from IFCII's management office complained via hotline 1823	Central	A visual impact complaint from hotline 1823 was received by ET on 9 January 2011 (ICC Ref. No.: ICC#1-333037096 dated on 12 December 2011). The complaint, Mr Tsui was reported that visual nuisance caused by lighting in the construction site during night time.	1) RSS notified ET on 9 Jan 2012. 2) ET confirmed with the Resident Site Staff that A joint inspection was conducted by Mr Tsui and contractor on that night to see whether there is any improvement. 3) Due to safety reason, igniting enough lights should not be avoided in construction site. However, the light sources were not directed away from pointing to the sensitive receiver and results in visual glare to the complainant. 4) Confirmed with the Resident Site Staff the complainant was satisfied the new arrangement of the lights with contractor after the joint inspection. No further complaint received after that.	Closed
111220	20/12/2011	The complainant, Ms. Poon complained via hotline 1823 (ICC Ref. No.: ICC#1-334683841)	North Point	Construction air and noise nuisance generated that many trucks carrying construction materials driving along Watson Road and Oil Street and possibly entering/leaving the construction site near the IEC during 0800 to 1900 hours.	1) RSS notified ET on 22 Dec 2011. 2) ET confirmed with the Resident Site Staff that the complainant cannot identify whether the trucks were working under the CWB project or not. 3) The dominant construction air and noise nuisances were emitted by the trucks along Oil Street and Waston Road, however, this is the public road for all vehicles. Reviewing the air quality monitoring and noise monitoring results. No exceedance was recorded during this period. 4) Confirmed with the Resident Site Staff that they provided a contact no. for any future enquiries regarding	Closed



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



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



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



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



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
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 with withered and yellow leaves and 1 no. of tree- Khaya senegalensis (T1712) raised by the complainant was found to be in poor health condition. 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



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



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
130611	30 May 2013 and 1 June 2013	EPD Ref.:H04/RS/000 11587-13	Area near Central Pier	1. Noise was emanated from the construction site near the Central Piers at around 0900 hrs on 30 May 2013 and other days and requested follow up action by relevant department.	<p>1) RSS notify ET on 11 June 2013</p> <p>2) ET confirmed with the Resident Site Staff that According the information confirmed by RSS, major noise generating construction activities undertaken at works area near Central Pier during the concerned time include</p> <ul style="list-style-type: none">- Breaking up existing D-wall concrete and excavation at portion 4B and 4C- Sheet piling works at Portion VI (Man Kat Street) <p>3) Total 1 no. of Backhoe with breaker, 1 no. of Backhoe with vibratory hammer and 4 no.s of pneumatic breakers were deployed for the above construction activities.</p> <p>Reviewing the noise monitoring data at monitoring stations (M7e- International Finance Centre Eastern End of Podium and M7w- International Finance Centre Western End of Podium), no limit level exceedances were recorded during routine noise monitoring event on 28 May 2013 and 03 June 2013. As similar construction works activities conducted on 30 May 2013 was continued across the above monitoring period, the noise emanated from the construction activities under Contract HY/2009/18 was considered to complied with the statutory requirement.</p> <p>In addition, weekly environmental site inspection was conducted on 30 May 2013 at around 10:00. According to the inspection record, no particular observation regarding noise impact was recorded and the mitigation measures including erection of temporary noise barrier was observed in place.</p> <p>As such, no direct information associated with the noise concerned raised was considered available and no non-conformity was identified.</p> <p>4) ET recommend the contractor to review the need of additional noise mitigation measures to further reduce the noise enmated during construction works for pier side public area.</p>	<p>Interim report submitted to EPD on 19 June 2013,</p> <p>EPD advised no further comment on 5 Aug 2013 and final report for case closing submitted on 6 Aug 2013.</p>



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



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					Elevated noise level at monitoring station M7e (International Finance Centre East Podium) was noted on 24 September 2013. The Contractor is recommended to review the current measures and to implement additional noise mitigation measures to further avoid potential impact to nearby public area during construction works.	
131217	16 Dec 2013	ICC Case Ref.: 1-484998552	Victoria Park near Hing Fat Street Exit	Sweeping of muddy water into public drains.	<p>ET confirmed with the Resident Site Staff that 1)The major construction activities around the concerned location conducted on 16 Dec 2013 a.m.includes: -Preparation work of rootball for tree transplanting</p> <p>According to the information provided by RSS, the construction activities around the concerned location on 16 Dec 2013 include preparation work of rootball for tree transplanting at Zone 17/18.</p> <p>A further investigation on the complaint was conducted on 19 Dec 2013 during weekly environmental inspection. It was observed that a tree worksarea comprised of mainly loosen soil was located near the concerned location. It was considered that the inclined surface and loosen soil nature of the concerned worksarea could have led to the muddy surface runoff in rain. Deposition of muddy runoff onto nearby public pavement outside worksarea was hence resulted and was subsequently cleaned into nearby public stormwater drain by the Contractor's workers on the complaint date. As such, the case was considered as works related.</p> <p>Sandbags, geotextile and gravels were immediately placed by the Contractor around the gullies at the concerned location to prevent leftover muddy runoff to the public stormwater drain as observed during the weekly inspection on 19 Dec 2013.</p> <p>With respect to the follow-up raised by the complainant on 19 Dec 2013, sandbags, geotextile and gravels placed at gullies located at public area were removed by the Contractor on the same day for maintaining passible public pavement. Follow up measures including sandbag bundle and covering of worksarea with impervious sheeting was immediately placed at the source of impact at the concerned worksarea boundary by the Contractor.</p>	Final investigation report issued on 20 Dec 2013. Case closed on 3 Jan 2014.



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



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					<p>for TA50 was immediately in front of the location of the complainant. Based on site observation, scrap material of bark and leaves inevitably generated from cutting of branches during tree felling work was considered to be the most probable cause for the observation raised by the complainant at the concerned location on 24 Dec 2013.</p> <p>Furthermore, welding work was observed near the concerned location and was considered to be the potential source for the smell and exhaust fumes as described by the complainant. Notwithstanding the above, welding work was not identified as a work activity with air quality impact under Project EIA report but it would be desirable to implement preventive measures to minimize potential nuisance to nearby public.</p>	
140123	22 Jan 2014	ICC Case Ref.:1-494077682	Causeway Bay Typhoon Shelter	<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.



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					<p>According to the relevant site records, from 1900-0000hrs on 21 Jan 2014, concreting for base slab and hanger wall was conducted at workzone TS2 under HY/2009/15 within Causeway Bay Typhoon Shelter. Total 8 no.s of concrete lorry mixers, 1 no. of water pump, 2 no.s of concrete pumps (lorry mounted), 1 no. of mobile crane QPME (diesel) and 3 no.s of vibratory pokers were operating at the above period.</p> <p>From 0000 to 0700 hrs on 22 Jan 2014, concreting for base slab and hanger wall was conducted at workzone TS2 under HY/2009/15 within Causeway Bay Typhoon Shelter. Total 1. no of concrete lorry mixer, 1 no. of water pump, 1 no. of concrete pump (lorry mounted), 1 no. of vibratory poker were found operating at the above period.</p> <p>After reviewing relevant photo records and information verified by RSS and the Construction Noise Permit (CNP) no.GW-RS1384-13, it was considered that several conditions of CNP GW-RS1384-13 were not fulfilled by the Contractor in particular for the item(s) below,</p> <p>No acoustic installation was provided for the relevant PME(s) used as stated in CNP condition 3.d.during the concerned concreting works.</p> <p>From 1900 to 2300 hours on 21 Jan 2014, the PME(s) used on-site did not comply with any given PME grouping requirement(s) as stated in condition 3.a. and condition 3.d. in CNP no.GW-RS1384-13.</p> <p>From 0000 to 0700 hours on 22 Jan 2014, the PME(s) used by the Contractor on-site did not comply with any given PME grouping requirement(s) as stated in condition 3.a. and condition 3.d. in CNP no.GW-RS1384-13.</p> <p>From 1900 to 2300 hours on 21 Jan 2014 and from 0000 to 0700 hours on 22 Jan 2014, PME (Concrete Lorry Mixer) was deployed by the Contractor without barge enclosure and was unable to comply with condition 3.a. in CNP no.GW-RS1384-13.</p>	



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
140127	24 Jan 2014	ICC Case Ref.: 1-494612639	Works area adjacent to the Victoria Park Bowling Green	Noise generated from piling works conducted at the works area adjacent to the Victoria Park Bowling Green have created nuisance to the Bowling Green users.	<p>ET confirmed with the Resident Site Staff that The major construction activities around the concerned location conducted on 23 Jan 2014 include:</p> <p>Pressing of sheetpile Ch.279-285 (RHS) and Ch.317 for ELS works on 23 Jan 2014. Splicing of sheetpile Ch.275-285 (LHS) for ELS works on 23 Jan 2014.</p> <p>Mitigation measures implemented by the Contractor for the above construction works include:</p> <p>Installation of acoustic panels along hoarding line at East Bowling Green; Installation of addition noise barriers on top of hoarding at East Bowling Green; Display of publicity notices along hoarding line; and No noisy work shall be carried out at the areas adjoining East Bowling Green as if there is any Bowling Green competition event to be held (i.e. Saturday afternoon).</p> <p>According to relevant site records, pressing of sheetpile Ch.279-285 (RHS) and Ch.317 for ELS works and splicing of sheetpile Ch.275-285 (LHS) for ELS works were conducted at the concerned location during the time of complaint.</p> <p>Based on the photo records and information verified by RSS, noise mitigation measures including installation of acoustic panels along hoarding line at East Bowling Green and installation of addition noise barriers on top of hoarding at East Bowling Green were implemented by the Contractor at the concerned location. Furthermore, no noisy work was conducted by contractor at the areas adjoining</p>	Case closed and full investigation report issued on 6 Feb 2014.



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					<p>East Bowling Green when there is any Bowling Green competition event to be held.</p> <p>Follow-up investigation was conducted on 29 Jan 2014 during weekly environmental inspection, noise mitigation measures including noise barriers and acoustic panels were confirmed in place and maintained in good condition. According to previous environmental inspections recorded in Jan 2014, no particular observation regarding the noise impact was recorded. As such, no non-conformity was identified.</p>	
140311	27 Feb 2014	EPD Complaint Case (Ref:H04/RS/00 04232-14) received by ET on 11 March 2014	Central IFC Area	Excessive noise (from the operation of compressors, other heavy machinery and concrete breaking) was emanated from the construction site near IFC in daytime on 27 Feb 2014.	<p>ET confirmed with the Resident Site Staff that the major construction activities at the concerned location conducted on 27 Feb 2014 (Daytime) include:</p> <p>Backfilling works between north wall and sheetpiles and for roof slab; Site hoarding removal; Formwork erection and removal works, falsework erection; Concrete breaking works at roof slab and base slab and breaking up of existing tunnel corner; Concreting works for profile barrier inside cut and cover tunnel; and Rebar fixing works and WVB basement remediation works.</p> <p>Mitigation measures implemented by the Contractor for the above construction works include:</p> <p>Use of quiet plants (air compressor with a Noise Emission Label of 99 dB(A)).</p>	<p>Interim report submitted to EPD on 18 March 2014,</p> <p>EPD advised no further comment on 26 March 2014 and final report for case closing issued on 26 March 2014</p>



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					<p>According to relevant site records, major noise emanating construction activities conducted around the concerned location on 27 Feb 2014 include concrete breaking works at roof slab and base slab and breaking up of existing tunnel corner and concreting works.</p> <p>Based on information verified by the RSS, noise mitigation measure including utilization of quiet air compressor with noise emission label of 99 dB(A) was implemented by the Contractor on the 27 February 2014 to minimize the potential noise impact.</p> <p>Having reviewed the monitoring data of the monitoring stations in the vicinity of the construction site near IFC, namely noise monitoring stations M7e and M7w, no limit level exceedances were recorded on 24 Feb 2014 and 4 March 2014 and the major concrete breaking works at the concerned location conducted on 27 February 2014 was continued across the above monitoring period. In addition, no particular observations regarding noise impact were recorded during weekly site inspection conducted on 27 Feb 2014. No non-conformity was identified. As such, the construction activities under Contract HY/2009/18 were considered generally in compliance with the statutory requirement.</p> <p>Nevertheless, in view of the concern regarding noise nuisance raised by public, it is considered desirable for the Contractor to review and strengthen the noise mitigation measures around the concerned location.</p> <p>Follow-up inspection was conducted during weekly environmental inspection on 13 March 2014, additional noise mitigation measure including erection of noise blanket for concrete breaking works were implemented by the Contractor to further minimize the noise nuisance to nearby public.</p>	



Appendix 10.1

Construction Programme of Individual Contracts

Activity Name	Original Duration	Planned Start	Planned Finish	2011				2012				2013				2014				2015				2016	
				Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2		
HY/2009/15 - CWB TUNNEL (CBTS SECTION)																									
SUBMISSIONS COMPLYING WITH EPs																									
EM&A Manual (rely on the Master EP's submission EP-364/2009/A Condition 2.9)																									
Baseline Monitoring Report (rely on the Master EP's submission EP-364/2009 Condition 3.3)																									
Monthly EM&A (rely on the masters EP's Submission, EP-364/2009/A Condition 3.4)																									
A dedicated website (rely on the master EP's submission, EP-364/2009/A Condition 4.2)																									
Management organization of main construction companies (FEP Condition 2.6)	1d	02-Oct-10	02-Oct-10																						
Work Schedule (FEP Condition 2.7)	1d	27-Oct-10	27-Oct-10																						
Location Plan (FEP Condition 2.8)	1d	27-Oct-10	27-Oct-10																						
Noise Management plan (FEP Condition 2.9)	1d	27-Oct-10	27-Oct-10																						
Landscape plan (FEP condition 2.10)	1d	31-Jan-11	31-Jan-11																						
EAST VENTILATION ADIT																									
CCT @ Portion 1, 2, 4, 6, 22	1315d	27-Sep-10	03-May-14																						
EV Adit @ Portion 4-Advance Works	526d	27-Sep-10	05-Mar-12																						
EV Adit Portion 1, 2, 6, 22	26d	22-Dec-11	16-Jan-12																						
EV Adit-based on Conforming Design	323d	15-Feb-12	02-Jan-13																						
TCBR1E (TS1 Area)																									
Diaphragm Wall Construction (incl. SI, & tests after completion)	107d	26-Apr-11	10-Aug-11																						
Excavation & Lateral Support, ELS	99d	16-Jul-11	22-Oct-11																						
Cut & Cover Tunnel Construction (incl. backfill)	78d	22-Oct-11	07-Jan-12																						
OHVD and Cable Trough (access from Portion 22)	76d	18-Dec-13	03-Mar-14																						
TCBR2 + TCBR3 (TS2 Area)																									
Diaphragm Wall Construction	118d	06-Jul-12	31-Oct-12																						
Excavation & Lateral Support, ELS	248d	06-Jul-12	10-Mar-13																						
Cut & Cover Tunnel Construction	164d	11-Mar-13	21-Aug-13																						
OHVD Cable Trough (Access from Portion 22)	150d	05-Aug-13	01-Jan-14																						
TCBR1W (TS4 Area)																									
Diaphragm Wall Construction	148d	28-Jun-11	22-Nov-11																						
Excavation & Lateral Support, ELS	319d	26-Jun-11	11-May-12																						
Landing Steps - Demolition/Reconstruct as footpath	40d	28-Jun-11	23-Aug-11																						

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

1 of 2

China State Construction Engineering (Hong Kong) Ltd.

Contract No. HY/2009/15 - Central Wan Chai By Pass - Tunnel

(CBTS Section)

Prepared by William Caluza			
Date	Revision	Checked	Approved
14-Mar-11	Revision C	ST	KL
	File: GC01a		
	(Layout:HY/2009/15: CWB - Summary)		

中國建築工程(香港)有限公司

CHINA STATE CONSTRUCTION (HONG KONG) LTD

Activity Name	Original Duration	Planned Start	Planned Finish	2011					2012				2013				2014				2015				2016	
				Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
Rock Excavation	235d	25-Apr-12	15-Dec-12																							
ME4-Diaphragm Wall	114d	10-May-12	19-Oct-12																							
AS Logistics Area for Mined Tunneling Works	174d	01-Jun-12	07-Feb-13																							
ME4-ELS Works	212d	01-Jun-12	02-Apr-13																							
SCL Entrusted Works	291d	18-Jul-12	08-Sep-13																							
Cut & Cover Tunnel Construction (w/o TS4 +)	111d	17-Dec-12	06-Apr-13																							
ME4-RC Structure	146d	28-Jan-13	21-Aug-13																							
OHVD and Cable Trough (Access from TZ5/TPCWAE/TPCWAW)	180d	17-Jun-13	13-Dec-13																							
MINED TUNNEL																										
CHT Protection Works @ location A, B, C	342d	27-Sep-10	01-Feb-12																							
Tunnel works from West Portal (access from TPCWAE& TZ5)	418d	12-Mar-12	30-Oct-13																							
Tunnel Works from East Portal (Access from TS4 Area)	214d	30-Mar-12	01-Feb-13																							
Tunnel OHVD & Cable Trough	384d	02-Dec-13	22-May-15																							
TPCWAE																										
Drainage Diversion works along Hung Hing Road (Portion 19)	176d	15-Oct-10	24-Jun-11																							
Diaphragm Wall Construction	147d	20-May-11	13-Oct-11																							
Excavation & Lateral Support, ELS	421d	20-May-11	13-Jul-12																							
Rock Excavation	208d	12-Mar-12	03-Oct-12																							
AS Logistics Area for Mined Tunneling works	342d	12-May-12	18-Apr-13																							
Cut & Cover Tunnel Construction	130d	28-Jan-13	06-Jun-13																							
OHVD and Cable Trough (Access from TZ5/TPCWAW)	182d	18-Feb-15	18-Aug-15																							
TPCWAW & PORTION 11																										
Diaphragm Wall Construction + Portion 11	222d	25-Oct-13	03-Jun-14																							
Excavation & Lateral Support, ELS	478d	25-Oct-13	14-Feb-15																							
Cut & Cover Tunnel Construction	143d	30-Dec-14	21-May-15																							
OHVD and Cable Trough Installation (Access from Portion 11)	235d	22-May-15	11-Jan-16																							

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

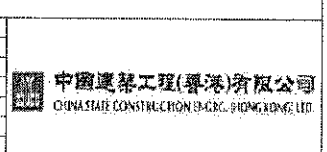
2 of 2

China State Construction Engineering (Hong Kong) Ltd.

Contract No. HY/2009/15 - Central Wan Chai By Pass - Tunnel

(CBTS Section)

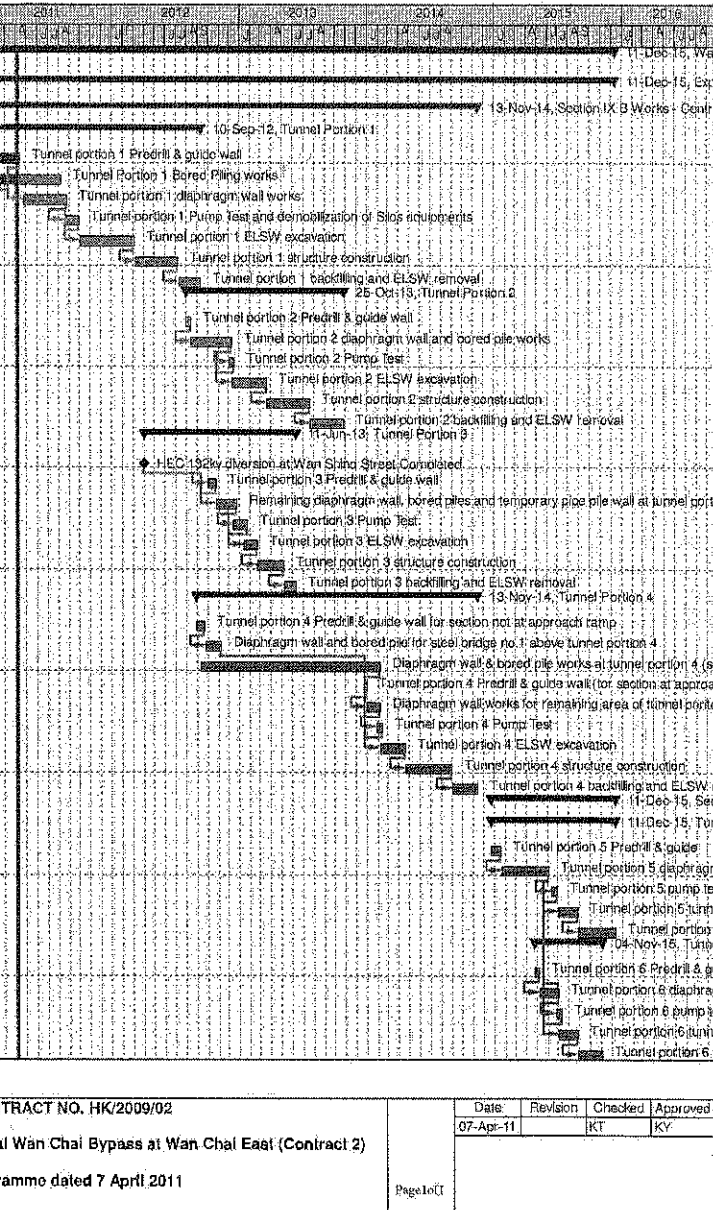
Prepared by William Caluza			
Date	Revision	Checked	Approved
14-Mar-11	Revision C	ST	KL
	File: 0001a		
	(Layout: HY/2009/15: CWB - Summary)		



Wan Chai Development Phase II - Central - Wan Chai
Bypass at Wan Chai East CONTRACT HK/2009/02

CHUN WO - CRGL JV

Activity ID	Activity Name	OD	Start	Finish	% Planned	2011	2012	2013	2014	2015	2016
Wan Chai Development Phase II - Central - Wan Chai Bypass at Wan Chai East											
Expanded and More Detailed Initial Works Programme											
Section IX B Works - Central - Wan Chai Bypass Tunnel Structure from chainage 3400 to eastern tunnel											
Tunnel Portion 1											
S9B-T1-0005	Tunnel portion 1 Predrill & guide wall	10	18-Feb-11	13-Apr-11	40%						
S9B-T1-0007	Tunnel Portion 1 Bored Piling works	105	09-Feb-11	08-Aug-11	0%						
S9B-T1-0010	Tunnel portion 1 diaphragm wall works	105	26-Apr-11	27-Aug-11	0%						
S9B-T1-0015	Tunnel portion 1 Pump Test and demobilization of Slos equipments	35	20-Aug-11	30-Sep-11	0%						
S9B-T1-0020	Tunnel portion 1 ELSW excavation	130	03-Oct-11	07-Mar-12	0%						
S9B-T1-0030	Tunnel portion 1 structure construction	100	09-Mar-12	09-Jul-12	0%						
S9B-T1-0040	Tunnel portion 1 backfilling and ELSW removal	54	10-Jul-12	10-Sep-12	0%						
Tunnel Portion 2											
S9B-T2-0105	Tunnel portion 2 Predrill & guide wall	10	02-Aug-12	13-Aug-12	0%						
S9B-T2-0010	Tunnel portion 2 diaphragm wall and bored pile works	100	14-Aug-12	10-Dec-12	0%						
S9B-T2-0015	Tunnel portion 2 Pump Test	14	03-Dec-12	18-Dec-12	0%						
S9B-T2-0020	Tunnel portion 2 ELSW excavation	80	11-Dec-12	19-Mar-13	0%						
S9B-T2-0030	Tunnel portion 2 structure construction	100	20-Mar-13	22-Jul-13	0%						
S9B-T2-0040	Tunnel portion 2 backfilling and ELSW removal	80	23-Jul-13	25-Oct-13	0%						
Tunnel Portion 3											
S9B-T3-0005	HEC 132kv diversion at Wan Shing Street Completed	0	01-Apr-12*		0%						
S9B-T3-0008	Tunnel portion 3 Predrill & guide wall	20	02-Oct-12	25-Oct-12	0%						
S9B-T3-0010	Remaining diaphragm wall, bored piles and temporary pipe pile wall at tunnel portion 3.	50	25-Oct-12	22-Dec-12	0%						
S9B-T3-0015	Tunnel portion 3 Pump Test	30	15-Dec-12	22-Jan-13	0%						
S9B-T3-0020	Tunnel portion 3 ELSW excavation	30	15-Jan-13	20-Feb-13	0%						
S9B-T3-0030	Tunnel portion 3 structure construction	80	21-Feb-13	06-May-13	0%						
S9B-T3-0040	Tunnel portion 3 backfilling and ELSW removal	30	07-May-13	11-Jun-13	0%						
Tunnel Portion 4											
S9B-T4-0005	Tunnel portion 4 Predrill & guide wall for section not at approach ramp	21	30-Aug-12	22-Sep-12	0%						
S9B-T4-0010	Diaphragm wall and bored pile for steel bridge no.1 above tunnel portion 4	40	24-Sep-12	10-Nov-12	0%						
S9B-T4-0020	Diaphragm wall & bored pile works at tunnel portion 4 (section not at approach ramp)	420	11-Sep-12	05-Feb-14	0%						
S9B-T4-0025	Tunnel portion 4 Predrill & guide wall (for section at approach ramp)	5	23-Dec-13	30-Dec-13	0%						
S9B-T4-0030	Diaphragm wall works for remaining area of tunnel portion 4 (for section at approach ramp)	30	31-Dec-13	06-Feb-14	0%						
S9B-T4-0035	Tunnel portion 4 Pump Test	14	28-Jan-14	14-Feb-14	0%						
S9B-T4-0040	Tunnel portion 4 ELSW excavation	60	07-Feb-14	19-Apr-14	0%						
S9B-T4-0050	Tunnel portion 4 structure construction	110	22-Apr-14	01-Sep-14	0%						
S9B-T4-0060	Tunnel portion 4 backfilling and ELSW removal	60	02-Sep-14	13-Nov-14	0%						
Section X Works - Central - Wan Chai Bypass Tunnel Structure from western tunnel to chainage 3400											
Tunnel Portion 5											
S10-T5-0005	Tunnel portion 5 Predrill & guide	21	23-Dec-14	19-Jan-15	0%						
S10-T5-0010	Tunnel portion 5 diaphragm wall & bored pile works	110	20-Jan-15	04-Jun-15	0%						
S10-T5-0015	Tunnel portion 5 pump test	14	13-Jun-15	30-Jun-15	0%						
S10-T5-0020	Tunnel portion 5 tunnel ELSW excavation	45	04-Jul-15	25-Aug-15	0%						
S10-T5-0030	Tunnel portion 5 tunnel structure construction	90	26-Aug-15	11-Dec-15	0%						
Tunnel Portion 6											
S10-T6-0040	Tunnel portion 6 Predrill & guide	12	24-Apr-15	08-May-15	0%						
S10-T6-0050	Tunnel portion 6 diaphragm wall & bored pile works at Area 10	45	09-May-15	09-Jul-15	0%						
S10-T6-0055	Tunnel portion 6 pump test	14	25-Jun-15	11-Jul-15	0%						
S10-T6-0060	Tunnel portion 6 tunnel ELSW excavation at Area 10	45	04-Jul-15	25-Aug-15	0%						
S10-T6-0070	Tunnel portion 6 tunnel structure construction at Area 10	58	26-Aug-15	04-Nov-15	0%						



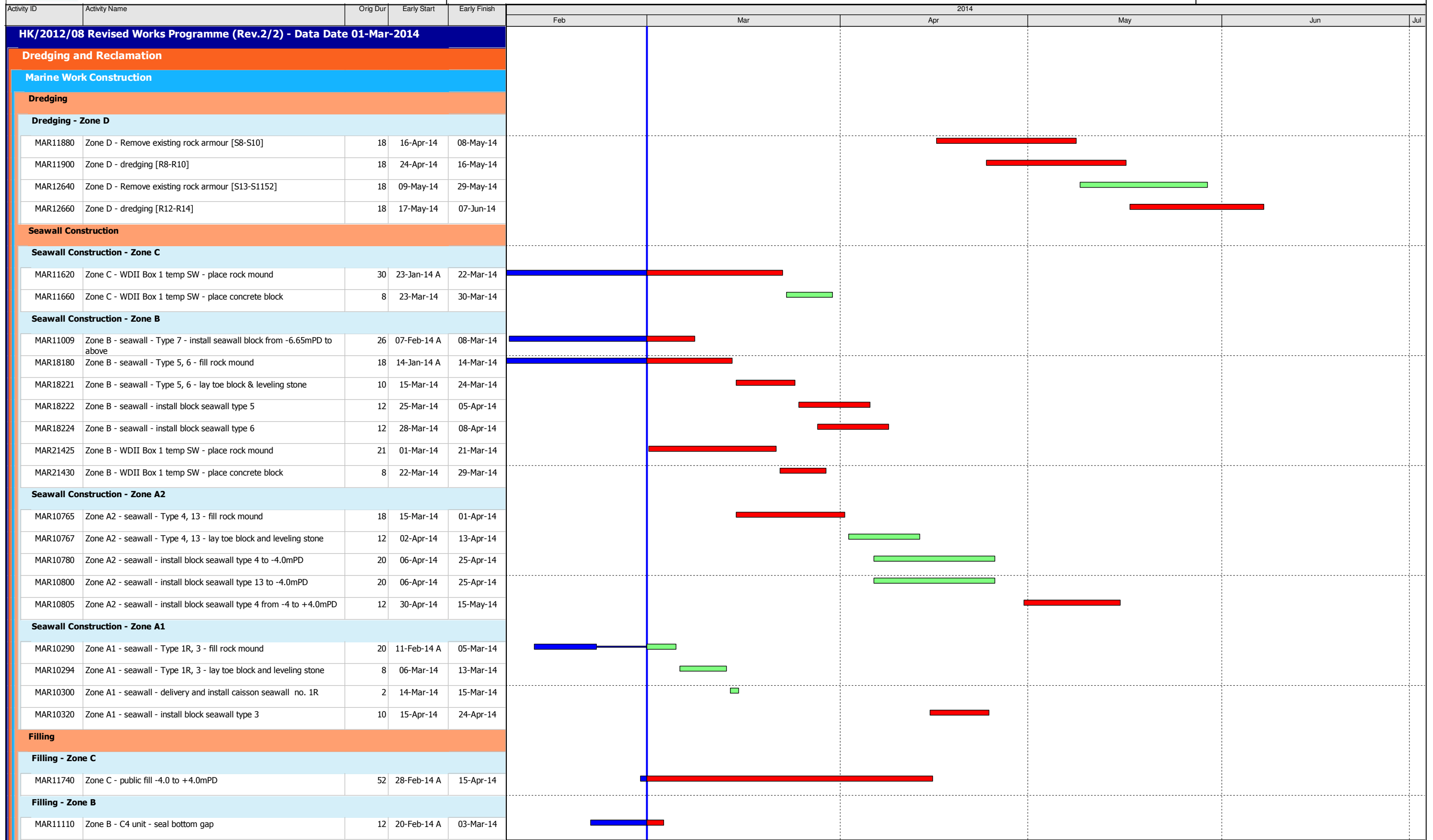
和 - 中國中鐵聯合
 Chun Wo - CRGL JOINT VENTURE

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

CEDD CONTRACT NO. HK/2009/02
 Wan Chai Development Phase II - Central Wan Chai Bypass at Wan Chai East (Contract 2)
 Revised Programme dated 7 April 2011

Date	Revision	Checked	Approved
07-Apr-11		KT	KY

Page 10 of 11



Data Date: 01-Mar-14

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

3-Month Rolling Programme for Works outside CRIII Area
(Mar 2014 to May 2014)

Date	Revision	Checked	Approved
01-Mar-14	Rev. 2		



Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	2014						
					Feb	Mar	Apr	May	Jun	Jul	
MVB Substructure - Diaphragm Wall and Sheetpile Wall											
SII10425	Sec II - MVB - Set up predrill rigs and preparation for predrilling	6	03-Mar-14	08-Mar-14							
SII10430	Sec II - MVB - D-wall construction preparation and silo setup	44	08-Mar-14	20-Apr-14							
SII10440	Sec II - MVB - predrilling and ground pretreatment for Dwall	102	05-Mar-14	10-Jul-14							
SII10460	Sec II - MVB A - construct guide wall [P1-P13, P33-P41]	150	21-Mar-14	22-Sep-14							
SII10480	Sec II - MVB A - construct Dwall [P1-P13, P33-P41] (1.5m thk on rock)	150	21-Apr-14	20-Oct-14							
SII10520	Sec II - MVB B - construct guide wall [P14-P32]	66	18-Mar-14	10-Jun-14							
SII10540	Sec II - MVB B - construct Dwall [P14-P32] (1.5m thk on rock)	150	21-Apr-14	20-Oct-14							
Section II A - CWB Tunnel & Slip Road Structures and Facilities											
Section II A - CWB Tunnel - Design, Submission and Approval											
SIIA10460	CWB Tunnel - MS for DWall Construction - Eng comment & approve	28	16-Jan-14 A	06-Mar-14							
CWB A2 & B											
CWB A2 & B - Dwall Construction											
SIIA11460	Sec II A - CWB B: Predrilling for Dwall & piles	78	29-Mar-14	07-Jul-14							
SIIA11480	Sec II A - CWB B: Ground treatment	120	17-Apr-14	08-Sep-14							
SIIA11500	Sec II A - CWB B: construct Guide Wall	60	22-Apr-14	04-Jul-14							
SIIA11520	Sec II A - CWB B: construct DWall and barrette (1.2m thk on rock)	96	17-May-14	08-Sep-14							
SIIA13340	Sec II A - CWB A2(1): Predrilling for Dwall & piles	50	16-May-14	15-Jul-14							
SIIA13360	Sec II A - CWB A2(1): ground pretreatment	46	16-May-14	10-Jul-14							
SIIA13380	Sec II A - CWB A2(1): Guide Wall	50	16-May-14	15-Jul-14							
Section VI B - Area 8											
Area 8 - Demolish Ex. Cooling Water Pumping Station											
SVIB10000	MS of cooling water pump station demolition Works - prepare and submit	60	03-Dec-13 A	26-Mar-14							
SVIB10020	MS of cooling water pump station demolition - ICE check and issue check cert	14	27-Mar-14	16-Apr-14							
SVIB10040	MS of cooling water pump station demolition Works - Eng comment and approve	28	27-Mar-14	23-Apr-14							
SVIB10070	Sec VI B - site clearance, u/g utilities detection	12	16-Apr-14	29-Apr-14							
SVIB10080	Sec VI B - demolish existing air duct	30	30-Apr-14	06-Jun-14							
Section VI C - Area 3, 6, 8A & 8C											
Area 8A & 8C - Seawall Modification (Reviewed)											
Design Submission & Approval											
PRS-1000	Sec VI C - Temp Work Design for Seawall Modification - Prepare and submit to ICE	90	20-Nov-13 A	15-Mar-14							
PRS-1002	Sec VI C - Temp Work Design for Seawall Modification & MTR Pump Room Stabilization - ICE check and issue check cert.	14	17-Mar-14	01-Apr-14							
PRS-1004	Sec VI C - Temp Work Design for Seawall Modification & MTR Pump Room Stabilization - Engineer / MTR comment and approve	28	17-Mar-14	22-Apr-14							
Tenders for Sub-contractor and Procurement											
Sub11040	Sec VI C - Prepare Sub-contract for Seawall Modification and Procurement of Materials	90	23-Apr-14	09-Aug-14							
Section VI D - Area 8B & 10											
WDII Box 1 Construction (Reviewed)											
WDII Box 1 Submission and Approval / Material Procurement											
S0721020	Sec VI D - WD II Box 1 - temp work design - prepare and submit	180	03-Jul-13 A	23-Apr-14							
S0721040	Sec VI D - WD II Box 1 - temp work design - ICE check and issue check cert	28	24-Apr-14	21-May-14							
S0721060	Sec VI D - WD II Box 1 - temp work design - Engineer comment and approve	28	22-May-14	18-Jun-14							



Activity ID	Activity Name	Orig Dur	Early Start	Early Finish	2014						
					Feb	Mar	Apr	May	Jun	Jul	
Section VIII - Landscape Softworks											
Soft Landscaping Works											
SVIII10020	Sec VIII - Tree Felling/Transplanting at Portion 2 & 2A	90	20-Nov-13 A	12-Jun-14							
Section X - Protection & Preservation of Trees											
Soft Landscaping Works											
SX10020	Sec X - Protection & Preservation of Trees	1632	31-Jan-13 A	20-Jul-17							

Activity ID	Activity Name	Original Duration	Start	Finish	April 2014					May 2014					June 2014					
					23	30	06	13	20	27	04	11	18	25	01	08	15	22	29	
HY/2010/08: CWB-SR8 Three Months Rolling Program					1414	21-Mar-13 A	20-Nov													
Works in TS3					99	15-Apr-14	15-Ai													
TS3 East & West Reclamation Works					99	15-Apr-14	15-Ai													
TS3E - Reclamation (Advance Works)					99	15-Apr-14	15-Ai													
TS3E.MW.1080	TS3E South - Dredging Works (Type 3)	19	15-Apr-14*	12-May																
TS3E.MW.1140	C15 - Complete T22 (Forecast Completion of T22)	0		31-May																
TS3E.MW.1085	TS3E South - Dredging Works (Type 1 & 2)	28	13-May-14*	14-Jun																
TS3E.MW.1090	TS3E South - Rockfill + Levelling	20	06-Jun-14	28-Jun																
TS3E.MW.1040	TS3E North - Seawall Block Installation	30	03-Jun-14	08-Jul																
TS3E.MW.1100	TS3E South - Seawall Block Installation	48	20-Jun-14	15-Aug																
Works in SR8 (Open Cut Method)					230	16-Nov-13 A	27-Ai													
SR8 - Cofferdam & Cut & Cover Tunnel Works					230	16-Nov-13 A	27-Ai													
SR8 East Bound - (Seaside to Victoria Road / IEC Central Divider)					190	16-Nov-13 A	11-Ju													
TTA Stage 0 - East Bound					164	16-Nov-13 A	10-Ju													
Stage 0B - East Bound (Seaside) (Ref. DRG. No. CDD/SR8/081)					24	16-Nov-13 A	20-M													
SR8.EB.0240	Demolish Island / Construct & Relocate New Bus Stop (West of Footbridge)	24	16-Nov-13 A	20-Mar																
Stage 1A - East Bound (Seaside) (Ref. DRG. No. CDD/SR8/082)					41	28-Feb-14 A	17-Aj													
SR8.EB.1060	Trim down the Sheet Pile and Pipe Pile and construct the Gas Main Trough	12	08-Mar-14 A	21-Mar																
SR8.EB.1050	Carry out Stage 1A TAM Grout	10	07-Apr-14*	17-Apr																
Water Mains					7	28-Feb-14 A	28-M													
SR8.EB.1170	Connect Water Lines including Test report	7	28-Feb-14 A	28-Mar																
Telecoms (PCCW)					29	03-Mar-14 A	31-M													
SR8.EB.1240	Lay cable containment (PVC Pipes) for Telecom Cables (PCCW)	8	03-Mar-14 A	29-Mar																
SR8.EB.1180	Pull Telecom Cables to New Containment	1	31-Mar-14*	31-Mar																
SR8.EB.1190	Connect and Test Telecom Cables	15	19-Mar-14 A	31-Mar																
Gas Mains					5	19-Mar-14 A	25-M													
SR8.EB.1540	Connect Gas Line	3	19-Mar-14 A	22-Mar																
SR8.EB.1290	Backfill Trench	2	24-Mar-14*	25-Mar																
Stage 1B - East Bound (Seaside) (Ref. DRG. No. CDD/SR8/082)					59	26-Mar-14	10-Ju													
SR8.EB.1400	Carry-out pretreatment for Stage 1B Sheet Pile	4	26-Mar-14	29-Mar																
SR8.EB.1210	Carry-out preboring for Stage 1B Sheet Pile	8	31-Mar-14	09-Apr																
SR8.EB.1220	Carry-out Stage 1B Sheet Piling works	6	08-Apr-14	14-Apr																
SR8.EB.1140	Carry out Pipe Piling Work (A21-A24,A24a,A24b, A34-A35, B2-B8, B14-B18) 20nos.	28	11-Apr-14	19-May																
SR8.EB.1530	Pre-fabrication of Steel Traffic Deck	36	01-Apr-14*	19-May																
SR8.EB.1255	Carry-out Stage 1B TAM Grout + Jet Grouting (12nos)	8	17-May-14	26-May																
SR8.EB.1250	Install King Post for Traffic Deck (8 nos.)	12	20-May-14	03-Jun																
SR8.EB.1260	Construct Traffic Deck and Temporary Road (including Road Marking & Traffic Signage)	18	20-May-14	10-Jun																



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

- Remaining Level of Effort
- Remaining Work
- Critical Remaining Work
- ◆ Milestone
- ◆ Milestone - Non C

Page 1 of 3

China State Construction Engineering (Hong Kong) Ltd

Contract No. HY/2010/08 - Central Wan Chai By Pass - Tunnel (SR8 Section)

Date	Revision	Checked	Approved
20-Mar-14	3 Month Rolling Programme	DL	

Activity ID	Activity Name	Original Duration	Start	Finish	April 2014							May 2014				June 2014			
					23	30	06	13	20	27	04	11	18	25	01	08	15	22	29
Works in Victoria Park																			
Re-Provisioning Works																			
Bowling Green Office																			
BGO - Construction Works																			
VP_1150	BGO - Underground utilities & foundation works	26	19-Mar-14 A	21-May															
VP_1180.01	BGO - Base Slab	24	22-May-14	19-Jun															
VP_1180.02	BGO - Walls	36	06-Jun-14	18-Jul															
Tree Transplanting at Portion XIV (Victoria Park Open Space)																			
VP_1040	Tree Transplanting & Upkeep at Portion XIV	347	16-Oct-13 A	13-Dec															
Mooring Components Upkeep (CBTS and ATS)																			
Works for Public Works Regional Laboratory (North Lantau)																			

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2014											
						Mar			Apr			May			Jun		
Update 2013-10-20 CWB - Central Interchange (2014-03-20) Revised DWP R5a																	
PRELIMINARIES																	
Major TTA's in Operation																	
3750	TTA Stage 3 Operation - Man Po St. Temporary Junction	511	21-Oct-11 A	13-Mar-14 A													
3760	TTA Stage 4 Operation - Man Yiu St. Diversion	472	24-Feb-12 A	22-Feb-14 A													
3770	TTA Stage 5a & 5b Operation	322	22-Feb-14 A	09-Feb-15	0												
Design																	
Temporary Works Design																	
ELS - Trough A																	
1174	ELS - ELS Trough A Prepare Design	52	03-May-14	23-Jun-14	0												
Procurement, Shop Drawing, Manufacture & Delivery																	
Excavation & Lateral Support																	
1172	ELS - Wailing & Shoring Material Sourcing, Procurement and Delivery (Retaining Wall)	30	20-Mar-14	18-Apr-14	173												
Interfacing																	
Interfacing with CWB Route Wide & TCSS Contract																	
1765	CWB Route Wide - Prepare & Submit Interfacing Management Plan with CWB Route Wide	28	20-Mar-14*	16-Apr-14	79												
1773	CWB Route Wide - Review & Endorse Interfacing Management Plan	28	17-Apr-14	14-May-14	79												
1775	CWB Route Wide - Engineer Review & Approve Interfacing Management Plan	28	15-May-14	11-Jun-14	79												
Interfacing with Harbour-front Enhancement Project																	
3550	HFE - Prepare & Submit Interfacing Management Plan with HFE	28	10-May-14	06-Jun-14	94												
3560	HFE - Review & Endorse Interfacing Management Plan	28	07-Jun-14	04-Jul-14	94												
Establishment, Mobilisation & Advanced Works																	
Temporary Traffic Management, Site Establishment / Setup																	
Stage 5a1 (Divert Traffic on Tunnel Structure)																	
1316	Stage 5a1 - RWA	7	14-Feb-14 A	21-Feb-14 A													

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

Leighton Contractors (Asia) Limited Programme Update 42 (March 2014) THREE MONTH ROLLING

Project ID: U042
 Baseline: DCP6-2
 Layout: Update Three Month Rolling U041
 Page 1 of 7

Date	Revision	Checked	Appro...
20-Feb-14	U041	AT	RW
20-Mar-14	U042	AT	RW

Data Date: 20-Mar-14

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	2014											
						Mar			Apr			May			Jun		
						1	2	3	1	2	3	1	2	3	1	2	3
1204	Stage 5a1 - Closure of Man Po Street Temporary Junction & Slip Road	0	22-Feb-14 A			◆											
1116	Stage 5a1 - Demolish Man Kwong St. To Finance St. Slip Road	12	24-Feb-14 A	13-Mar-14 A		■											
SECTION 3A - ALL TUNNEL WORKS IN PORTION IIIB																	
CWB Tunnel - CH1704 to CH1825																	
CWB Tunnel Internal Works																	
1751	1704-1825 - Construct Roadside Barriers & Roadside Services Duct	45	09-Dec-13 A	02-Apr-14	30	■											
CWB Tunnel - CH1685 to CH1704																	
CWB Tunnel Structure																	
1728	1690-1704 - Construct CWB Tunnel OHVD & Kickers (Bay V8) / Bay C12 central wall 2nd lift	18	14-Feb-14 A	29-Mar-14	-37	■											
1729	1683-1704 - Construct CWB Tunnel Top Slab (Bay 12a)	38	31-Mar-14	20-May-14	-37	■											
1796	1683-1704 - Construct CWB Tunnel Top Slab (Bay 12b)	38	31-Mar-14	20-May-14	6	■											
1490	1685-1704 - CWB Tunnel Waterproofing & Backfill	42	21-May-14	10-Jul-14	6	■											
CWB Tunnel Internal Works																	
1771	1685-1704 - Removal of Struts & Scaffolding	12	14-Jun-14	27-Jun-14	-37	■											
SECTION 4B - ALL TUNNEL WORKS IN PORTION IVC, IVD, IVE & IVF																	
CWB Tunnel - CH1480 to CH1580																	
CWB Tunnel Internal Works																	
1620	1480-1580 - Construct Roadside Barriers and Service Ducts	60	18-Dec-13 A	28-Feb-14 A		■											
SECTION 4A - ALL TUNNEL WORKS IN PORTION IVA, IVB, IVG & IVH																	
CWB Tunnel - CH1580 to CH1646																	
CWB Tunnel Internal Works																	
1769	1580-1646 - Removal of Scaffolding and Struts	45	20-Dec-13 A	28-Apr-14	14	■											
1730	1580-1646 - Construct Roadside Barriers and Service Ducts	45	20-Mar-14	17-May-14	5	■											
CWB Tunnel - CH1646 to CH1685 (Man Yiu Steet)																	
CWB Tunnel Structure																	

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

Leighton Contractors (Asia) Limited Programme Update 42 (March 2014) THREE MONTH ROLLING

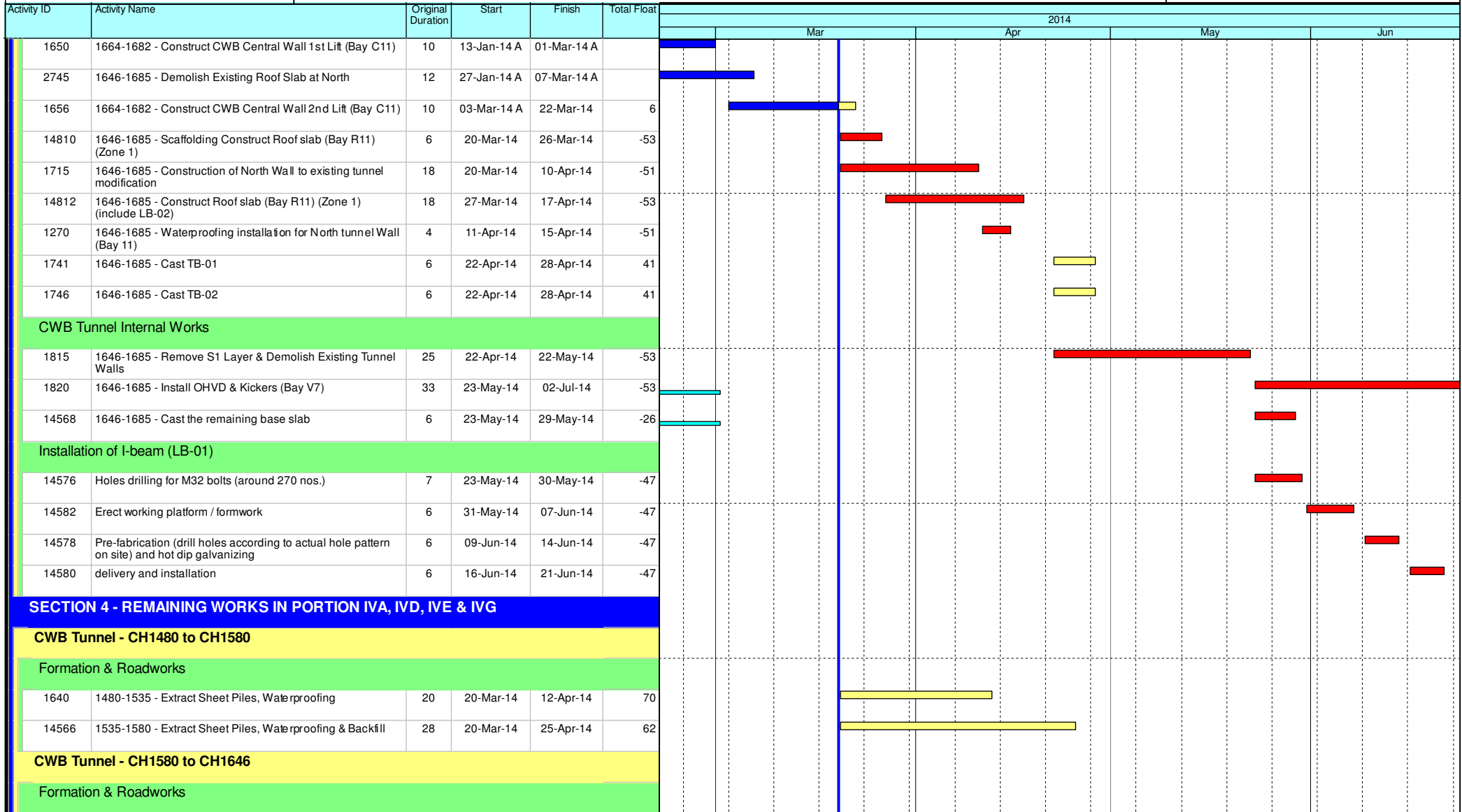
Project ID: U042
Baseline: DCP6-2
Layout: Update Three Month Rolling U041
Page 2 of 7

Date	Revision	Checked	Appro...
20-Feb-14	U041	AT	RW
20-Mar-14	U042	AT	RW

Data Date: 20-Mar-14

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

TASK filters: 3 Months_1, Not HL.



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

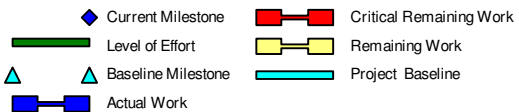
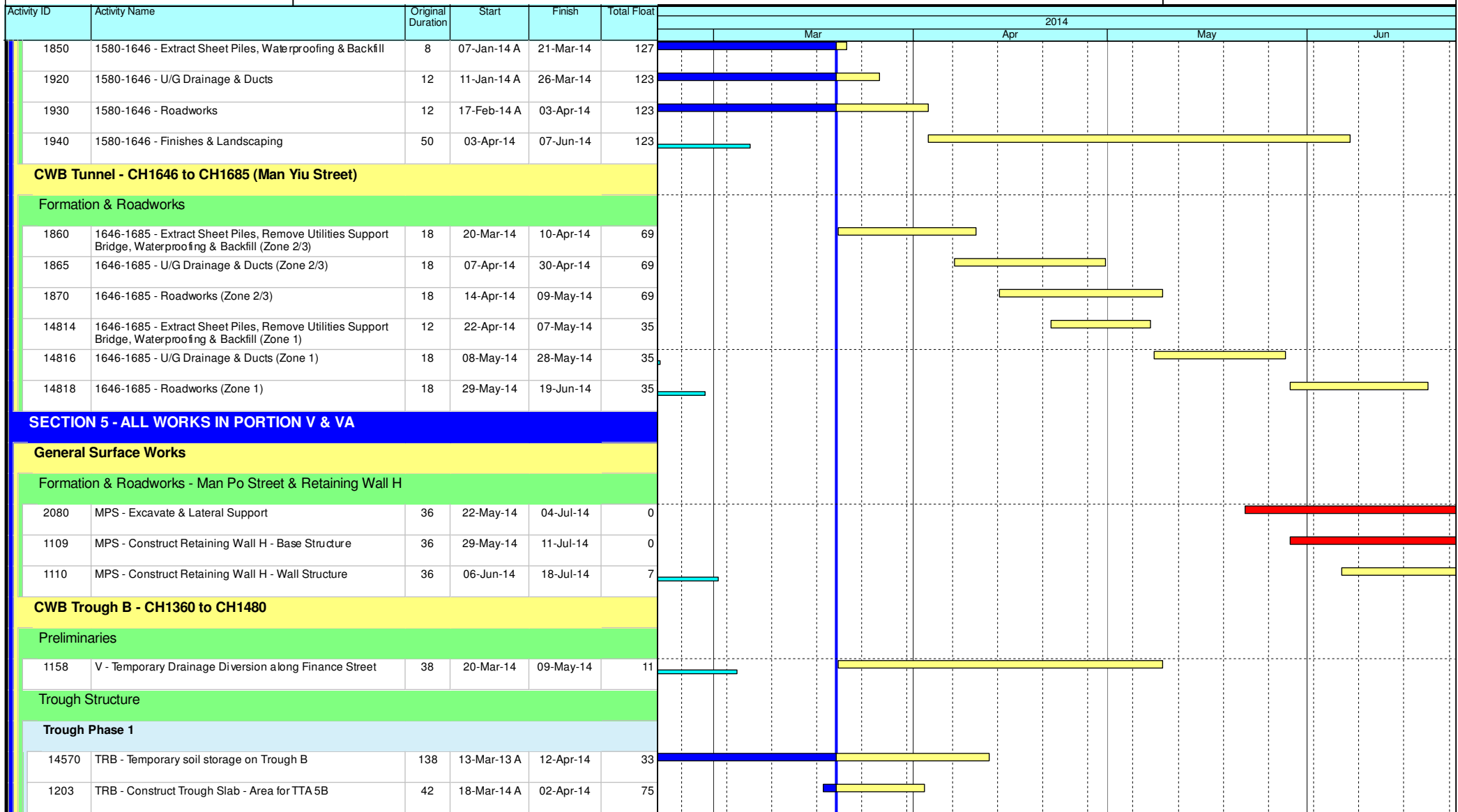
Leighton Contractors (Asia) Limited Programme Update 42 (March 2014) THREE MONTH ROLLING

Project ID: U042
 Baseline: DCP6-2
 Layout: Update Three Month Rolling U041
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Date	Revision	Checked	Appro...
20-Feb-14	U041	AT	RW
20-Mar-14	U042	AT	RW

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

TASK filters: 3 Months_1, Not HL.



Leighton Contractors (Asia) Limited Programme Update 42 (March 2014) THREE MONTH ROLLING

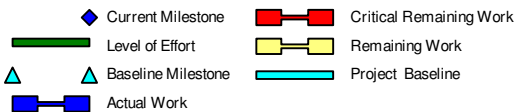
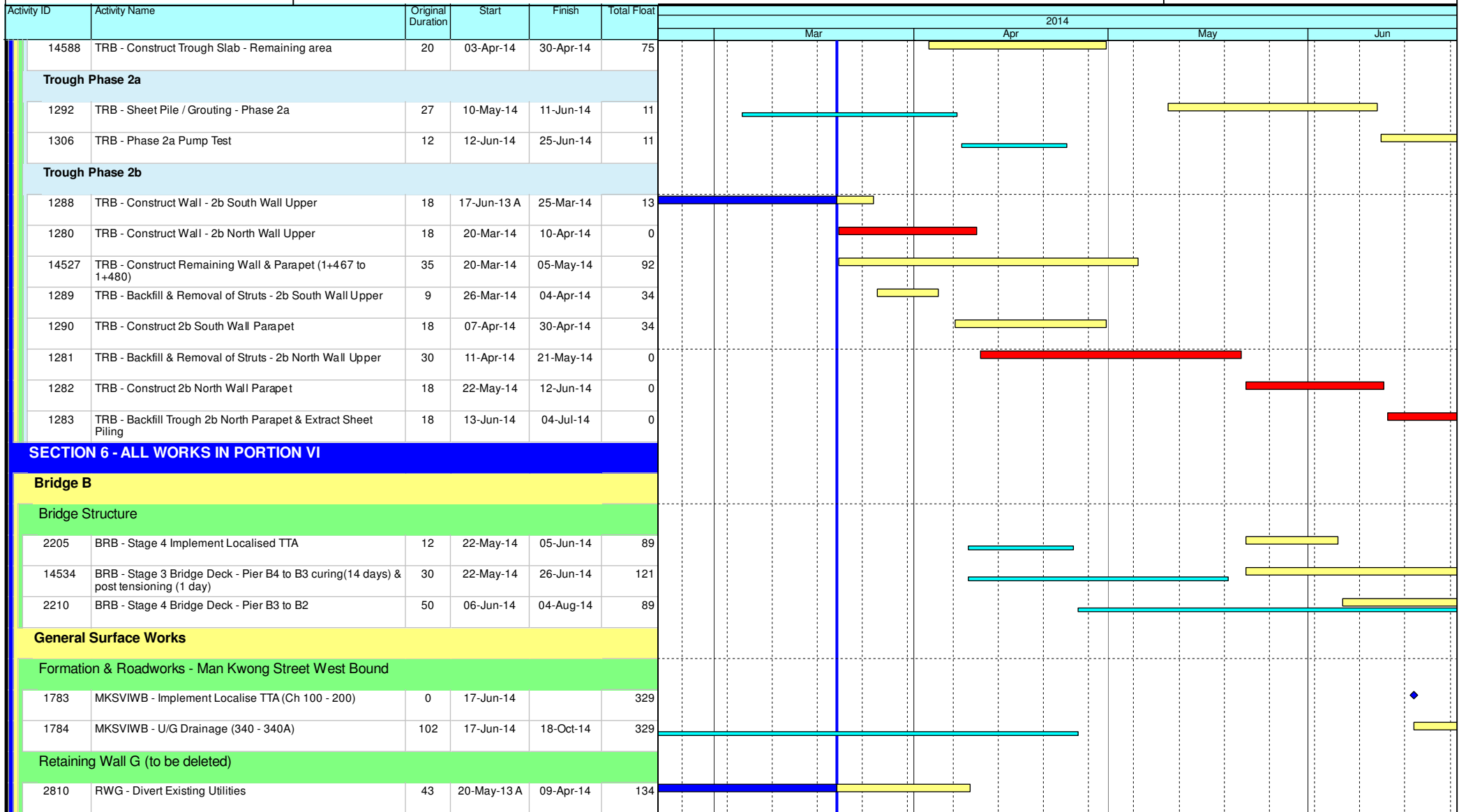
Project ID: U042
 Baseline: DCP6-2
 Layout: Update Three Month Rolling U041
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Date	Revision	Checked	Appro...
20-Feb-14	U041	AT	RW
20-Mar-14	U042	AT	RW

Data Date: 20-Mar-14

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

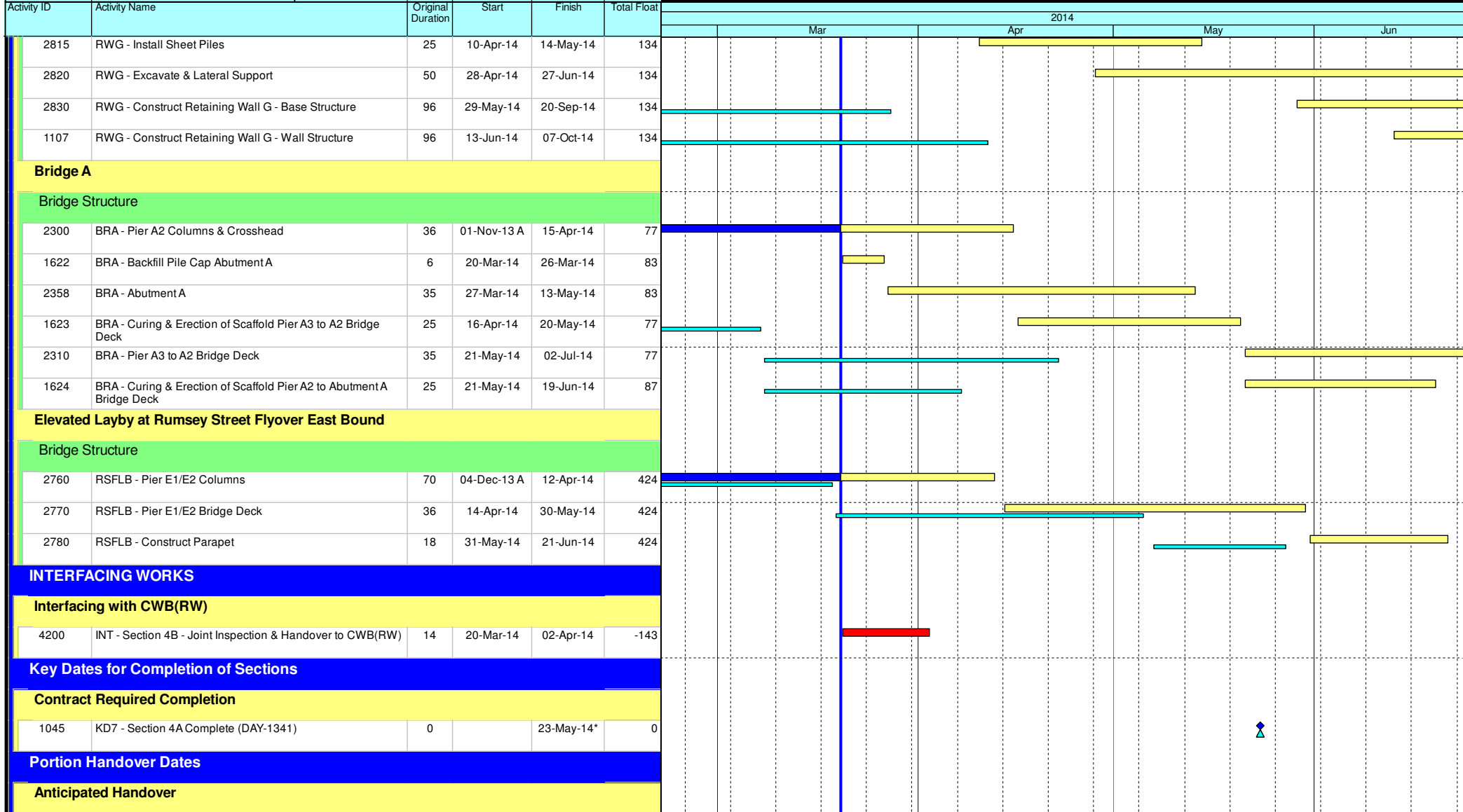
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Leighton Contractors (Asia) Limited Programme Update 42 (March 2014) THREE MONTH ROLLING

Project ID: U042
 Baseline: DCP6-2
 Layout: Update Three Month Rolling U041
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Date	Revision	Checked	Appro...
20-Feb-14	U041	AT	RW
20-Mar-14	U042	AT	RW










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

Leighton Contractors (Asia) Limited Programme Update 42 (March 2014) THREE MONTH ROLLING

Project ID: U042
 Baseline: DCP6-2
 Layout: Update Three Month Rolling U041
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Date	Revision	Checked	Appro...
20-Feb-14	U041	AT	RW
20-Mar-14	U042	AT	RW

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2014																
						Mar			Apr			May			Jun							
						1	2	3	1	2	3	1	2	3	1	2	3					
2910	Portion IIIC Handover (KD5 + 28 days)	0		20-Mar-14*	-19																	
2900	Portion IVC Handover (KD8 + 28 days)	0		02-Apr-14*	-143																	
2905	Portion IVF Handover (KD8 + 28 days)	0		02-Apr-14*	-143																	
Contract Required Handover																						
3020	Portion IIIC Handover (KD5 + 28 days)	0		20-Mar-14*	-19																	
3005	Portion IVC Handover (KD8 + 28 days)	0		20-Mar-14*	-129																	
3015	Portion IVF Handover (KD8 + 28 days)	0		20-Mar-14*	-129																	

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

Leighton Contractors (Asia) Limited Programme Update 42 (March 2014) THREE MONTH ROLLING

Project ID: U042
 Baseline: DCP6-2
 Layout: Update Three Month Rolling U041
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Date	Revision	Checked	Appro...
20-Feb-14	U041	AT	RW
20-Mar-14	U042	AT	RW

Activity ID	Activity Name	Rem Dur	Start	Finish	2014																		
					March					April				May				June					
					7	24	03	10	17	24	31	07	14	21	28	05	12	19	26	02	09	16	
0240-1134	Noise Barrier Panel - Submission	0	29-Jan-14 A	28-Feb-14 A	Noise Barrier Panel - Submission																		
0240-1136	Noise Barrier Panel - Design ER Review/Resubmission	56	01-Mar-14 A	14-May-14	Noise Barrier Panel - Design ER Review/Resubmission																		
0240-1137	Noise Barrier Panel - Design No Adverse Comment	28	15-May-14	11-Jun-14	Noise Barrier Panel - Design No Adverse Comment																		
0240-1138	Noise Barrier Panel - Fabrication Delivery	60	12-Jun-14	10-Aug-14	Noise Barrier Panel - Fabrication Delivery																		
0240-1050	Temp Bridge "TB" & "TC" Design - Prep & Submit	42	21-Feb-14 A	30-Apr-14	Temp Bridge "TB" & "TC" Design - Prep & Submit																		
0240-1060	Temp Bridge "TB" & "TC" Design - ER review and comment	28	01-May-14	28-May-14	Temp Bridge "TB" & "TC" Design - ER review and comment																		
0240-1070	Temp Bridge "TB" & "TC" Design - Resubmission	30	29-May-14	27-Jun-14	Temp Bridge "TB" & "TC" Design - Resubmission																		
02.5 - Bridge Segment/Beam Off-site Precasting																							
0250-1720.04	Precast Beam Bridge E E1D1-G	0	27-Jan-14 A	11-Mar-14 A	Precast Beam Bridge E E1D1-G																		
0250-1720.05	Precast Beam Bridge E 1819-A	15	10-Mar-14 A	03-Apr-14	Precast Beam Bridge E 1819-A																		
0250-1720.06	Precast Beam Bridge E 1819-B	18	04-Apr-14	21-Apr-14	Precast Beam Bridge E 1819-B																		
0250-1720.07	Precast Beam Bridge E 1819-C	18	22-Apr-14	09-May-14	Precast Beam Bridge E 1819-C																		
0250-1720.08	Precast Beam Bridge E 1819-D	18	10-May-14	27-May-14	Precast Beam Bridge E 1819-D																		
0250-1720.09	Precast Beam Bridge E 1718-A	18	28-May-14	14-Jun-14	Precast Beam Bridge E 1718-A																		
0250-1720.10	Precast Beam Bridge E 1718-B	18	15-Jun-14	02-Jul-14	Precast Beam Bridge E 1718-B																		
0250-1650.20	Bridge D1 Pier D02 Precasting Segment (1-17) - Mould S1	0	23-Dec-13 A	28-Feb-14 A	Bridge D1 Pier D02 Precasting Segment (1-17) - Mould S1																		
0250-1900	Bridg C4 Pier 29 T-span Segment Off-site Casting (13 nos.)	12	11-Feb-14 A	31-Mar-14	Bridg C4 Pier 29 T-span Segment Off-site Casting (13 nos.)																		
0250-1910	Bridg C4 Pier 30 T-span Segment Off-site Casting (11 nos.)	18	06-Mar-14 A	06-Apr-14	Bridg C4 Pier 30 T-span Segment Off-site Casting (11 nos.)																		
0250-1930	Bridg C4 Pier 28 End-span Segment Off-site Casting (5 nos.)	15	07-Apr-14	21-Apr-14	Bridg C4 Pier 28 End-span Segment Off-site Casting (5 nos.)																		
0250-1920	Bridg C4 Pier 31 T-span Segment Off-site Casting (13 nos.)	31	11-Apr-14	11-May-14	Bridg C4 Pier 31 T-span Segment Off-site Casting (13 nos.)																		
0250-1940	Bridg C4 Pier 32 End-span Segment Off-site Casting (5 nos.)	15	28-Apr-14	12-May-14	Bridg C4 Pier 32 End-span Segment Off-site Casting (5 nos.)																		
0250-1950	Bridg C5 Pier 33 T-span Segment Off-site Casting (11 nos.)	27	16-May-14	11-Jun-14	Bridg C5 Pier 33 T-span Segment Off-site Casting (11 nos.)																		
0250-1970	Bridg C5 Pier 32 End-span Segment Off-site Casting (6 nos.)	18	17-May-14	03-Jun-14	Bridg C5 Pier 32 End-span Segment Off-site Casting (6 nos.)																		
0250-1980	Bridg C5 Abut D12 E-span Segment Off-site Casting (6 nos.)	19	10-Jun-14	28-Jun-14	Bridg C5 Abut D12 E-span Segment Off-site Casting (6 nos.)																		
0250-1960	Bridg C5 Pier 34 T-span Segment Off-site Casting (9 nos.)	23	16-Jun-14	08-Jul-14	Bridg C5 Pier 34 T-span Segment Off-site Casting (9 nos.)																		
03 - PRELIMINARY WORKS																							
03.3 - Interface Works																							
0330-1300	Erect Interim Temp Carpark for HGHK	0	10-Feb-14 A	12-Mar-14 A	Erect Interim Temp Carpark for HGHK																		
0330-1350	Erect Special Hoarding at Portion IVB	36	20-Mar-14	05-May-14	Erect Special Hoarding at Portion IVB																		
05 - SECTION 2 & 2A OF THE WORKS																							
05.1 - Cut & Cover Tunnel Ch 4855-4932 (APS Footprint)																							
05.1.2 - ELS																							
0512-1105	S3 (-5.5mPD) - S1-S3 Excav (6336m3)	0	14-Feb-14 A	09-Mar-14 A	S3 (-5.5mPD) - S1-S3 Excav (6336m3)																		
0512-1107	S3 (-5.5mPD) - S1-S3 ELS	1	10-Mar-14 A	20-Mar-14	S3 (-5.5mPD) - S1-S3 ELS																		
0512-1140	S3 (-5.5mPD) - S8 Excav (5940m3)	0	19-Feb-14 A	06-Mar-14 A	S3 (-5.5mPD) - S8 Excav (5940m3)																		
0512-1145	S3 (-5.5mPD) - S8 ELS	0	07-Mar-14 A	16-Mar-14 A	S3 (-5.5mPD) - S8 ELS																		
0512-1149	S4 (-9.5mPD) - S8 Excav (5940m3)	11	17-Mar-14 A	30-Mar-14	S4 (-9.5mPD) - S8 Excav (5940m3)																		
0512-1150	S4 (-9.5mPD) - S1-S3 Excav (6336m3)	15	21-Mar-14	04-Apr-14	S4 (-9.5mPD) - S1-S3 Excav (6336m3)																		
0512-1153	S4 Pump Test	14	31-Mar-14	13-Apr-14	S4 Pump Test																		
0512-1154	S4 (-9.5mPD) - S8 ELS	9	07-Apr-14	15-Apr-14	S4 (-9.5mPD) - S8 ELS																		
0512-1155	S4 (-9.5mPD) - S1-S3 ELS	8	14-Apr-14	21-Apr-14	S4 (-9.5mPD) - S1-S3 ELS																		
0512-1159	S5 (-13.0mPD) S8 Excav (5198m3)	12	16-Apr-14	27-Apr-14	S5 (-13.0mPD) S8 Excav (5198m3)																		
0512-1160	S5 (-13.0mPD) S1-S3 Excav (5544m3)	13	22-Apr-14	04-May-14	S5 (-13.0mPD) S1-S3 Excav (5544m3)																		
0512-1163	S5 (-13.0mPD) S8 ELS	8	28-Apr-14	05-May-14	S5 (-13.0mPD) S8 ELS																		

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

Contract HY/2009/19

Three Month Rolling Programme (20 Mar 2014 to 19 Jun 2014)

3MRP

3MRP - Mar 2014 to Jun 2014

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Activity ID	Activity Name	Rem Dur	Start	Finish	2014																		
					March					April				May				June					
					7	24	03	10	17	24	31	07	14	21	28	05	12	19	26	02	09	16	
0512-1165	S5 (-13.0mPD) S1-S3 ELS	9	05-May-14	13-May-14																			
0512-1170	S6 (-16.5mPD) S8 Excav (5198m3)	12	06-May-14	17-May-14																			
0512-1172	S6 (-16.5mPD) S1-S3 Excav (5544m3)	13	14-May-14	26-May-14																			
0512-1175	S6 (-16.5mPD) S8 ELS	8	18-May-14	25-May-14																			
0512-1180	S7 (-20.0mPD) S8 Excav (5198m3)	12	26-May-14	06-Jun-14																			
0512-1178	S6 (-16.5mPD) S1-S3 ELS	9	27-May-14	04-Jun-14																			
0512-1182	S7 (-20.0mPD) S1-S3 Excav (5544m3)	13	05-Jun-14	17-Jun-14																			
0512-1185	S7 (-20.0mPD) S8 ELS	8	07-Jun-14	14-Jun-14																			
0512-1190	S8 (-23.5mPD) S8 Excav (5198m3)	12	14-Jun-14	25-Jun-14																			
0512-1187	S7 (-20.0mPD) S1-S3 ELS	9	18-Jun-14	26-Jun-14																			
0512-1210	Access Zone S1 (+2.0mPD) Excav	9	13-Apr-14	21-Apr-14																			
0512-1215	Access Zone S1 (+2.0mPD) ELS	7	22-Apr-14	28-Apr-14																			
0512-1230	Access Zone S2 (-2.0mPD) Excav	11	29-Apr-14	09-May-14																			
0512-1235	Access Zone S2 (-2.0mPD) ELS	7	10-May-14	16-May-14																			
0512-1240	Access Zone S3 (-7.0mPD) Excav	12	17-May-14	28-May-14																			
0512-1250	Access Zone S3 (-7.0mPD) ELS	7	29-May-14	04-Jun-14																			
0512-1260	Access Zone S4 (-11.0mPD) Excav	12	05-Jun-14	16-Jun-14																			
0512-1270	Access Zone S4 (-11.0mPD) ELS	7	17-Jun-14	23-Jun-14																			
05.2 - Cut & Cover Tunnel Ch 4932-5149																							
05.2.3 - ELS																							
0524-2889	Pump Sump - Excavation & Lateral Support	18	01-Apr-14*	24-Apr-14																			
0524-2890	Pump Sump - Structure	18	25-Apr-14	16-May-14																			
05.2.4 - Tunnel Structure																							
0524-3015	Bay 1 Tunnel Vertical Wall	7	17-May-14	24-May-14																			
0524-3025	Bay 1 Tunnel False Works	6	26-May-14	31-May-14																			
0524-3035	Bay 1 Tunnel OHVD Slab	8	03-Jun-14	11-Jun-14																			
0524-3045	Bay 1 Tunnel Roof Slab	12	12-Jun-14	25-Jun-14																			
0524-3195	Bay 6 Tunnel Roof Slab	0	27-Jan-14 A	26-Feb-14 A																			
0524-3335	Bay 9 Tunnel False Works	0	10-Feb-14 A	04-Mar-14 A																			
0524-3345	Bay 9 Tunnel OHVD Slab North Side	0	10-Feb-14 A	28-Feb-14 A																			
0524-3355	Bay 9 Tunnel Roof Slab	0	05-Mar-14 A	18-Mar-14 A																			
0524-3115	Bay 2 Tunnel Vertical Wall	7	09-May-14	16-May-14																			
0524-3125	Bay 2 Tunnel False Works	6	17-May-14	23-May-14																			
0524-3135	Bay 2 Tunnel OHVD Slab	8	24-May-14	03-Jun-14																			
0524-3145	Bay 2 Tunnel Roof Slab	12	04-Jun-14	17-Jun-14																			
0524-3395	Bay 7 Tunnel False Works	0	12-Feb-14 A	26-Feb-14 A																			
0524-3405	Bay 7 Tunnel OHVD Slab	0	17-Feb-14 A	10-Mar-14 A																			
0524-3415	Bay 7 Tunnel Roof Slab	8	10-Mar-14 A	28-Mar-14																			
0524-3445	Bay 8 Tunnel False Works	0	12-Feb-14 A	26-Feb-14 A																			
0524-3455	Bay 8 Tunnel OHVD Slab	0	17-Feb-14 A	10-Mar-14 A																			
0524-3465	Bay 8 Tunnel Roof Slab	12	07-Mar-14 A	02-Apr-14																			
0524-3495	Bay 10 Tunnel Vertical Wall	0	13-Mar-14 A	19-Mar-14 A																			
0524-3505	Bay 10 Tunnel False Works	6	20-Mar-14	26-Mar-14																			
0524-3515	Bay 10 Tunnel OHVD Slab	7	27-Mar-14	03-Apr-14																			

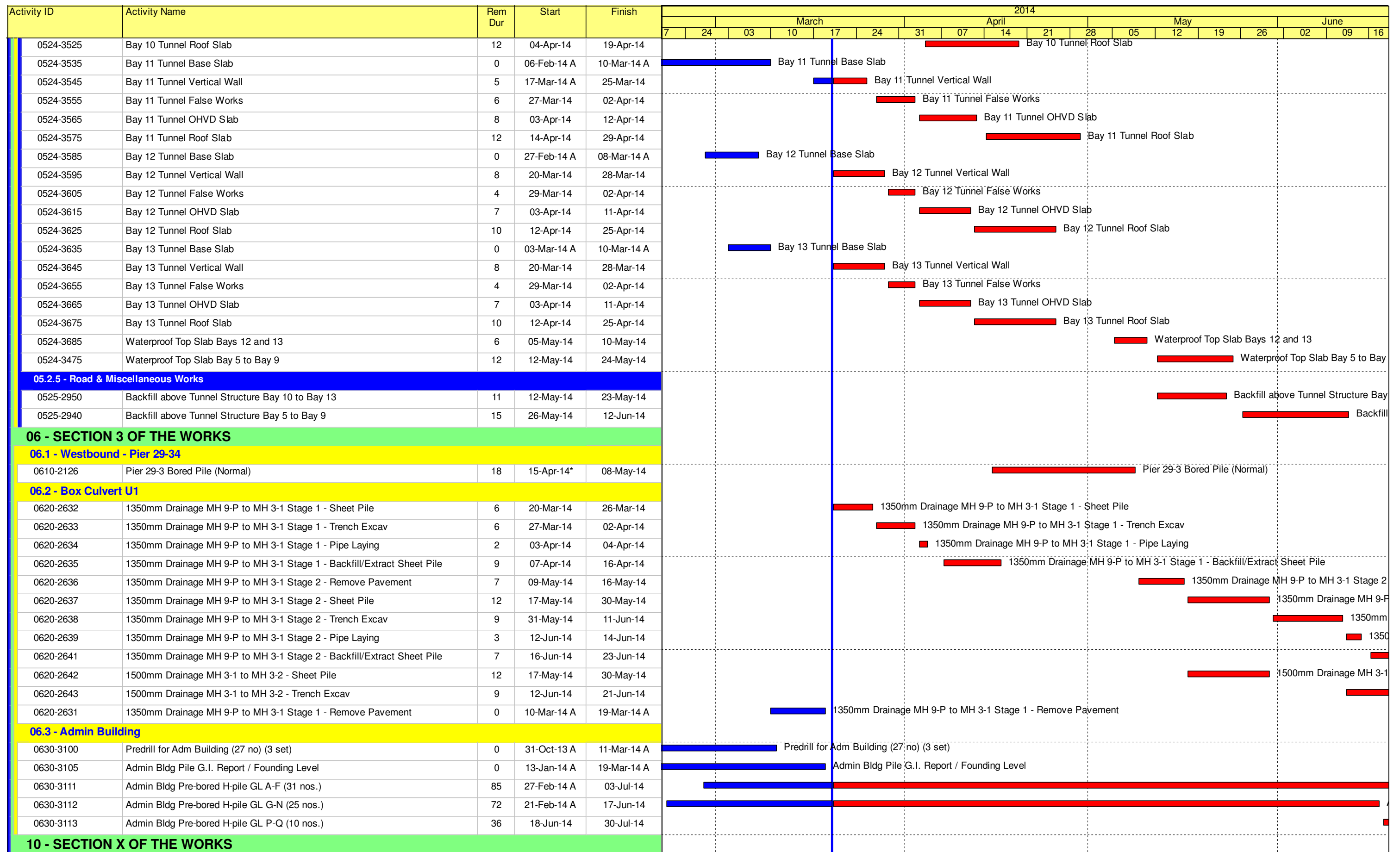
- █ Remaining Level of Effort
- █ Actual Level of Effort
- █ Actual Work
- █ Remaining Work
- █ Critical Remaining Work
- ◆ Milestone

Contract HY/2009/19

Three Month Rolling Programme (20 Mar 2014 to 19 Jun 2014)

3MRP

3MRP - Mar 2014 to Jun 2014



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

Contract HY/2009/19

Three Month Rolling Programme (20 Mar 2014 to 19 Jun 2014)

3MRP

3MRP - Mar 2014 to Jun 2014

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Activity ID	Activity Name	Rem Dur	Start	Finish	2014																	
					March					April				May				June				
					7	24	03	10	17	24	31	07	14	21	28	05	12	19	26	02	09	16
10.1 - E/B Bridges (Bridge D, E and F)																						
10.1.1 - Marine Pier Construction																						
Pier F03 to F15																						
1011-2405	F9 Bearing Installation	0	15-Feb-14 A	21-Feb-14 A	F9 Bearing Installation																	
1011-2433	F10 Bearing Installation	0	22-Feb-14 A	28-Feb-14 A	F10 Bearing Installation																	
1011-2375	F11 Bearing Installation	3	12-Mar-14 A	22-Mar-14	F11 Bearing Installation																	
1011-2465	F12 Bearing Installation	0	12-Feb-14 A	20-Feb-14 A	F12 Bearing Installation																	
1011-2495	F13 Bearing Installation	0	01-Mar-14 A	07-Mar-14 A	F13 Bearing Installation																	
1011-2525	F14 Bearing Installation	0	05-Mar-14 A	11-Mar-14 A	F14 Bearing Installation																	
1011-3175	F10 Dolphin Construction	0	02-Dec-13 A	04-Mar-14 A	F10 Dolphin Construction																	
1011-3185	F9 Dolphin Construction	0	09-Dec-13 A	15-Mar-14 A	F9 Dolphin Construction																	
1011-3195	F8 Dolphin Construction	4	16-Dec-13 A	24-Mar-14	F8 Dolphin Construction																	
1011-3205	F11 Dolphin Construction	21	21-Dec-13 A	14-Apr-14	F11 Dolphin Construction																	
1011-3215	F12 Dolphin Construction	28	08-Jan-14 A	24-Apr-14	F12 Dolphin Construction																	
1011-3225	F13 Dolphin Construction	30	26-Mar-14	03-May-14	F13 Dolphin Construction																	
1011-3235	F14 Dolphin Construction	30	04-Apr-14	13-May-14	F14 Dolphin Construction																	
1011-3255	F7 Dolphin Construction	30	28-Apr-14	03-Jun-14	F7 Dolphin Construction																	
1011-3245	F6 Dolphin Construction	30	07-May-14	11-Jun-14	F6 Dolphin Construction																	
1011-3265	F5 Dolphin Construction	30	15-May-14	19-Jun-14	F5 Dolphin Construction																	
1011-3271	F4 Dolphin Construction	24	03-Apr-14*	05-May-14	F4 Dolphin Construction																	
1011-3272	F3 Dolphin Construction	24	28-Apr-14	26-May-14	F3 Dolphin Construction																	
1011-3273	F2 Dolphin Construction	24	20-May-14	17-Jun-14	F2 Dolphin Construction																	
1011-3274	F1 Dolphin Construction	24	11-Jun-14	09-Jul-14	F1 Dolphin Construction																	
1011-3296	F10 Dolphin Fender Installation	9	16-Jun-14	25-Jun-14	F10 Dolphin Fender Installation																	
1011-2055	Remove Temporary Storage Platform (3 nos)	7	06-Mar-14 A	27-Mar-14	Remove Temporary Storage Platform (3 nos)																	
1011-3275	Extract Temporary Piles at F9 and F10	7	17-Mar-14 A	27-Mar-14	Extract Temporary Piles at F9 and F10																	
1011-3285	Extract Temporary Piles at F11 and F12	9	28-Mar-14	08-Apr-14	Extract Temporary Piles at F11 and F12																	
1011-3295	Extract Temporary Piles at F13 and F14	9	03-Apr-14	14-Apr-14	Extract Temporary Piles at F13 and F14																	
10.1.2 - Land Pier Construction																						
Pier D01 to D04																						
1012-1395	Pier D01 Crosshead Temp Work Design Submit/Approve	0	21-Oct-13 A	01-Mar-14 A	Pier D01 Crosshead Temp Work Design Submit/Approve																	
1012-1398	Pier D01 Fabricate Platform	7	12-Mar-14 A	27-Mar-14	Pier D01 Fabricate Platform																	
1012-1399	Pier D01 Erect Platform for Crosshead	6	28-Mar-14	03-Apr-14	Pier D01 Erect Platform for Crosshead																	
1012-1400	Pier D01 Construct Crosshead	18	04-Apr-14	28-Apr-14	Pier D01 Construct Crosshead																	
1012-1570	Pier D01 Bearing installation	5	29-Apr-14	05-May-14	Pier D01 Bearing installation																	
1012-1490	Pier D04 Construct Crosshead	0	17-Feb-14 A	08-Mar-14 A	Pier D04 Construct Crosshead																	
1012-1540	Pier D04 Bearing Installation	0	10-Mar-14 A	14-Mar-14 A	Pier D04 Bearing Installation																	
1012-1440	Pier D03 Construct Pad Footing	0	27-Feb-14 A	03-Mar-14 A	Pier D03 Construct Pad Footing																	
1012-1450	Pier D03 Construct Pier/Column	0	04-Mar-14 A	17-Mar-14 A	Pier D03 Construct Pier/Column																	
1012-1460	Pier D03 Construct Crosshead	8	18-Mar-14 A	28-Mar-14	Pier D03 Construct Crosshead																	
1012-1550	Pier D03 Bearing Installation	5	29-Mar-14	03-Apr-14	Pier D03 Bearing Installation																	
1012-1410	Pier D02 Construct Pad Footing	3	19-Mar-14 A	22-Mar-14	Pier D02 Construct Pad Footing																	
1012-1420	Pier D02 Construct Pier/Column	6	24-Mar-14	29-Mar-14	Pier D02 Construct Pier/Column																	
1012-1430	Pier D02 Construct Crosshead	12	31-Mar-14	14-Apr-14	Pier D02 Construct Crosshead																	

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

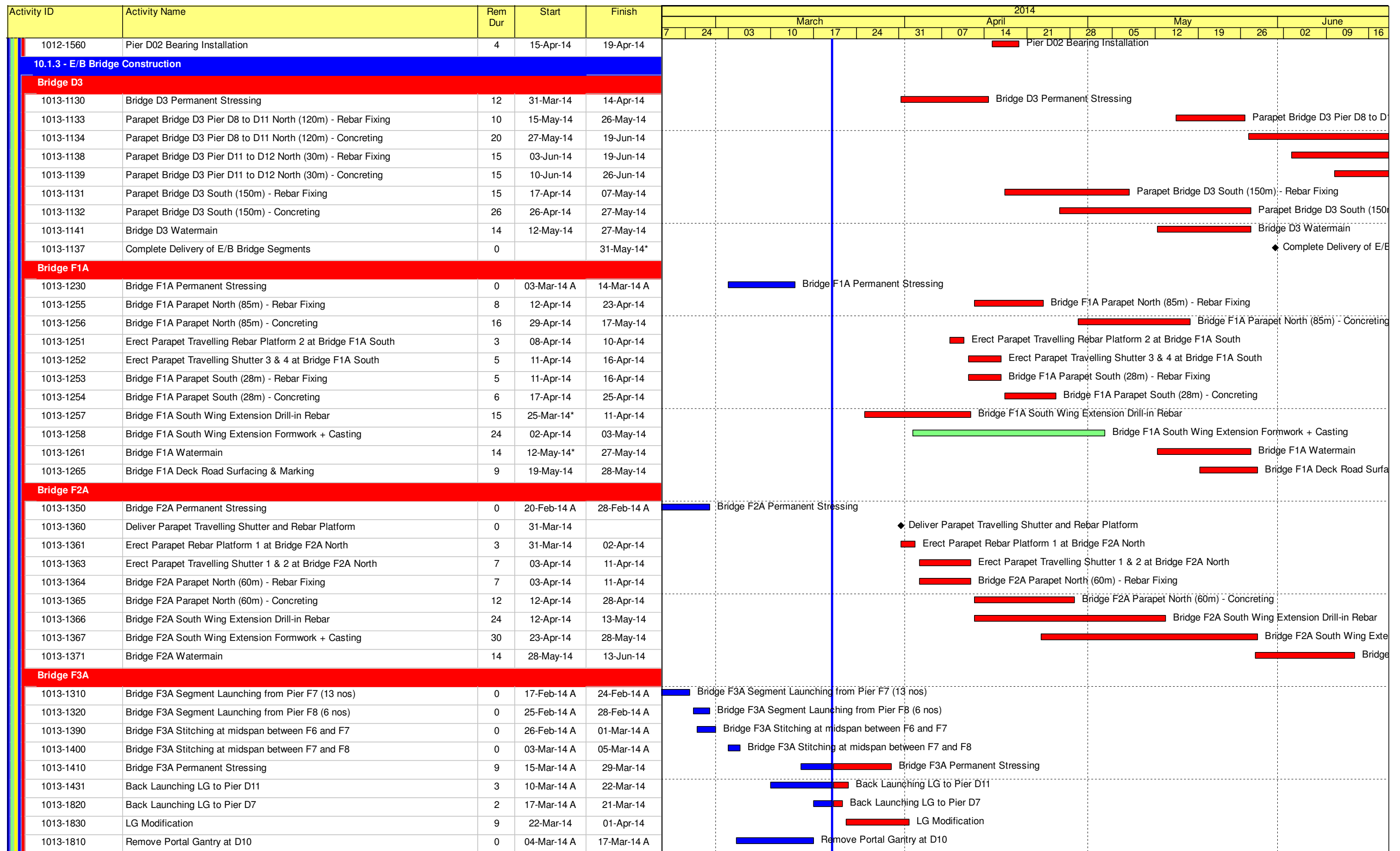
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- █ Remaining Level of Effort
- █ Actual Level of Effort
- █ Actual Work
- █ Remaining Work
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Activity ID	Activity Name	Rem Dur	Start	Finish	2014																		
					March					April				May				June					
					7	24	03	10	17	24	31	07	14	21	28	05	12	19	26	02	09	16	
1013-1840	Launch Forward LG to Pier D4	3	02-Apr-14	04-Apr-14																			
1013-1430	Bridge F3A Deck Road Surfacing & Marking	12	01-Apr-14*	15-Apr-14																			
Bridge F5/F4																							
1013-1433	Bridge F5 - Pier F8 Crosshead Upstand + Bearing	15	24-Mar-14*	10-Apr-14																			
1013-1437	Bridge F4 - Pier F9 to F10 Beam (2 nos.) Erection + Adjustment	3	08-Apr-14	10-Apr-14																			
1013-1434	Bridge F5 - Pier F8 to F9 Beam (2 nos.) Erection + Adjustment	3	11-Apr-14	14-Apr-14																			
1013-1438	Bridge F4 - Pier F9 to F10 Diaphragm	6	11-Apr-14	17-Apr-14																			
1013-1435	Bridge F5 - Pier F8 to F9 Diaphragm	6	15-Apr-14	23-Apr-14																			
1013-1439	Bridge F4 - Pier F9 to F10 Top Slab	9	19-Apr-14	30-Apr-14																			
1013-1436	Bridge F5 - Pier F8 to F9 Top Slab	9	24-Apr-14	05-May-14																			
1013-1445	Bridge F4 - Pier F10 to F15 Beam Erection + Adjustment	15	15-Apr-14	05-May-14																			
1013-1446	Bridge F4 - Pier F10 to F15 Diaphragm	15	28-Apr-14	15-May-14																			
1013-1447	Bridge F4 - Pier F10 to F15 Top Slab	30	09-May-14	13-Jun-14																			
1013-1448	Bridge F4 - Pier F10 to F15 Connection to Existing IEC	30	30-May-14	05-Jul-14																			
Bridge D2																							
1013-1500	Bridge D2 Segment Launching by Crane Pier D05 T-span (17 nos)	0	12-Feb-14 A	11-Mar-14 A																			
1013-1520	Bridge D2 Stitching at midspan between D06-D07	0	13-Mar-14 A	15-Mar-14 A																			
1013-1530	Bridge D2 Stitching at midspan between D07-D08	0	20-Feb-14 A	22-Feb-14 A																			
1013-1540	Bridge D2 Stitching at midspan between D05-D06	3	20-Mar-14	22-Mar-14																			
1013-1850	Bridge D2 Erect Pier Segment at Pier D04 by Crane	7	24-Mar-14*	31-Mar-14																			
1013-1510	Bridge D2 End-span Segment Launching at Pier D04 (8 nos)	7	07-Apr-14	14-Apr-14																			
1013-1515	Launch Forward LG to Pier D03	1	15-Apr-14	15-Apr-14																			
1013-1565	Parapet Bridge D2 North (160m) - Rebar Fixing	14	28-Apr-14	14-May-14																			
1013-1566	Parapet Bridge D2 North (160m) - Concreting	28	19-May-14	20-Jun-14																			
1013-1562	Parapet Bridge D2 South (160m) - Rebar Fixing	14	08-May-14	23-May-14																			
1013-1563	Parapet Bridge D2 South (30m) - Concreting Using Rebar Platform	20	24-May-14	17-Jun-14																			
1013-1564	Parapet Bridge D2 South (130m) - Concreting	22	28-May-14	23-Jun-14																			
1013-1550	Bridge D2 Stitching at midspan between D04-D05	3	16-Apr-14	19-Apr-14																			
1013-1560	Bridge D2 Permanent Stressing	5	22-Apr-14	26-Apr-14																			
1013-1571	Bridge D2 Watermain	14	28-May-14	13-Jun-14																			
Bridge D1																							
1013-1591	Bridge D1 Pier Segment Erection at Pier D03	4	16-Apr-14	22-Apr-14																			
1013-1592	Launch Forward LG to Pier D02	1	23-Apr-14	23-Apr-14																			
1013-1593	Bridge D1 Pier Segment Erection at Pier D02	4	24-Apr-14	28-Apr-14																			
1013-1600	Bridge D1 Segment Launching T-span Pier D03 (16 nos)	4	29-Apr-14	03-May-14																			
1013-1605	Bridge D1 Segment Launching End-span at Pier D04 (7 nos)	4	05-May-14	08-May-14																			
1013-1606	Bridge D1 Stitching at midspan between D03-D04	5	09-May-14	14-May-14																			
1013-1607	Launch Forward LG to Pier D01	1	30-May-14	30-May-14																			
1013-1608	Bridge D1 Pier Segment Erection at Pier D01	3	31-May-14	04-Jun-14																			
1013-1610	Bridge D1 Segment Launching from Pier D02 (16 nos)	7	05-Jun-14	12-Jun-14																			
1013-1620	Bridge D1 Segment Launching from Pier D01 (8 nos)	4	13-Jun-14	17-Jun-14																			
1013-1640	Bridge D1 Stitching at midspan between D02-D03	3	13-Jun-14	16-Jun-14																			
1013-1650	Bridge D1 Stitching at midspan between D01-D02	3	18-Jun-14	20-Jun-14																			
All E/B Bridges (Common)																							

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Activity ID	Activity Name	Rem Dur	Start	Finish	2014																	
					March					April				May				June				
					7	24	03	10	17	24	31	07	14	21	28	05	12	19	26	02	09	16
1013-1780	Parapet Temp. Work Design + ICE	9	11-Feb-14 A	29-Mar-14	Parapet Temp. Work Design + ICE																	
1013-1800	Parapet Temp. Work Fabrication	9	17-Mar-14 A	29-Mar-14	Parapet Temp. Work Fabrication																	
1013-1790	Parapet Temp. Work Design ER No Adverse Comment	15	31-Mar-14	17-Apr-14	Parapet Temp. Work Design ER No Adverse Comment																	
1013-1811	Construct Int. Double Noise Encl. Bridge F1A /F2A (111m)	42	29-May-14	18-Jul-14	Construct Int. Double Noise Encl. Bridge F1A /F2A (111m)																	
10.1.4 - Bridge E / Hing Fat Slip Road																						
Pier Construction																						
1014-1050	Pier E1b Construct Crosshead	9	20-Feb-14 A	29-Mar-14	Pier E1b Construct Crosshead																	
1014-1080	Pier E1a Construct Crosshead	9	20-Feb-14 A	29-Mar-14	Pier E1a Construct Crosshead																	
1014-1090	Pier E1a/E1b Bearing installation	6	31-Mar-14	07-Apr-14	Pier E1a/E1b Bearing installation																	
Bridge Construction																						
1014-1171	Bridge E - Pier E1 to E2 - Precast Beam (3 nos.) + Adjustement	5	08-Apr-14	12-Apr-14	Bridge E - Pier E1 to E2 - Precast Beam (3 nos.) + Adjustement																	
1014-1172	Bridge E - Pier E1 to E2 - Diaphragm	7	14-Apr-14	23-Apr-14	Bridge E - Pier E1 to E2 - Diaphragm																	
1014-1173	Bridge E - Pier E1 to E2 - Top Slab	7	24-Apr-14	02-May-14	Bridge E - Pier E1 to E2 - Top Slab																	
1014-1174	Bridge E - Pier E1 to E2 - Temporary Parapet	7	03-May-14	10-May-14	Bridge E - Pier E1 to E2 - Temporary Parapet																	
1014-1175	Bridge E - Pier E1 to D1 - Precast Beam (3 nos.)	5	24-May-14	29-May-14	Bridge E - Pier E1 to D1 - Precast Beam (3 nos.)																	
10.5 - Temporary Bridge																						
10.5.1 - Temporary Bridge 'TA'																						
1051-1017	Temporary Bridge TA1 - Bridge Decking + Tie-in to Existing HFSR	6	23-Sep-13 A	10-May-14	Temporary Bridge TA1 - Bridge Decking + Tie-in to Existing HFSR																	
1051-1018	Temporary Bridge TA1 - Parapet	6	13-Jan-14 A	10-May-14	Temporary Bridge TA1 - Parapet																	
10.5.3 - Temporary Bridge 'TD'																						
1053-1010	"TD" - Pier F8 to F10 Tower Erection (3 nos.)	12	15-Apr-14	30-Apr-14	"TD" - Pier F8 to F10 Tower Erection (3 nos.)																	
1053-1011	"TD" - Pier F8 to F10 Beam Erection	12	02-May-14	15-May-14	"TD" - Pier F8 to F10 Beam Erection																	
1053-1012	"TD" - Pier F8 to F10 Bond Deck Erection	15	16-May-14	03-Jun-14	"TD" - Pier F8 to F10 Bond Deck Erection																	
1053-1013	"TD" - Pier F8 to F10 Slab Construction	12	04-Jun-14	17-Jun-14	"TD" - Pier F8 to F10 Slab Construction																	
1053-1014	"TD" - Pier F8 to F10 Parapet	12	18-Jun-14	02-Jul-14	"TD" - Pier F8 to F10 Parapet																	
1053-1015	"TD" - Pier F8 to F10 Connection to Bridge F4/F5	18	18-Jun-14	09-Jul-14	"TD" - Pier F8 to F10 Connection to Bridge F4/F5																	
1053-1021	"TD" - Pier F10 to F14 Tower Erection	18	16-May-14	06-Jun-14	"TD" - Pier F10 to F14 Tower Erection																	
1053-1061	"TD" - Pier F10 to F14 Beam Erection	18	07-Jun-14	27-Jun-14	"TD" - Pier F10 to F14 Beam Erection																	
10.6 - Tunnel Approach Ramp																						
10.6.1 - Approach Ramp (Excluding Portion IIB)																						
Bored Piles																						
1061-1670	Remaining Pre-drilling for Approach Ramp Bored Piles	28	19-Jul-13 A	24-Apr-14	Remaining Pre-drilling for Approach Ramp Bored Piles																	
1061-1720	Bored Pile Ramp - BM39	0	10-Jan-14 A	15-Mar-14 A	Bored Pile Ramp - BM39																	
1061-1770	Bored Pile Ramp - BM35	0	08-Feb-14 A	27-Feb-14 A	Bored Pile Ramp - BM35																	
1061-1780	Bored Pile Ramp - BM48	0	12-Feb-14 A	22-Feb-14 A	Bored Pile Ramp - BM48																	
1061-1785	Bored Pile Ramp - BM26	6	17-Mar-14 A	26-Mar-14	Bored Pile Ramp - BM26																	
1061-1790	Bored Pile Ramp - BM19	15	22-Mar-14*	09-Apr-14	Bored Pile Ramp - BM19																	
1061-1810	Bored Pile Ramp - BM25	15	27-Mar-14	14-Apr-14	Bored Pile Ramp - BM25																	
1061-1820	Bored Pile Ramp - BM16	15	10-Apr-14	29-Apr-14	Bored Pile Ramp - BM16																	
1061-1830	Bored Pile Ramp - BM24	15	15-Apr-14	05-May-14	Bored Pile Ramp - BM24																	
1061-1840	Bored Pile Ramp - BM18	15	30-Apr-14	17-May-14	Bored Pile Ramp - BM18																	
1061-1850	Bored Pile Ramp - BM27	15	06-May-14	22-May-14	Bored Pile Ramp - BM27																	
1061-1860	Bored Pile Ramp - BM17	15	19-May-14	05-Jun-14	Bored Pile Ramp - BM17																	
1061-1870	Bored Pile Ramp - BM28	15	23-May-14	10-Jun-14	Bored Pile Ramp - BM28																	

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					7	24	03	10	17	24	31	07	14	21	28	05	12	19	26	02	09	16
1061-1880	Bored Pile Ramp - BM20	15	06-Jun-14	23-Jun-14																		
1061-1890	Bored Pile Ramp - BM31	15	11-Jun-14	27-Jun-14																		
10.7 - Section X - Miscellaneous Works																						
10.7.1 - TTM Stages																						
1071-1005	TTA Stage 2A - TMLG / TD / Police Consultation and Endorsement	36	02-May-14*	13-Jun-14																		

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