



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

MONTHLY ENVIRONMENTAL MONITORING & AUDIT REPORT

- JANUARY 2015 -

CLIENTS:

**Civil Engineering and Development
Department**

and

Highways Department

PREPARED BY:

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DATE:

11 February 2015

Ref.: AACWBIECEM00_0_6237L.15

11 February 2015

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 (January 2015) for EP-364/2009/C,
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 & FEP-
11/364/2009/B

Reference is made to the Environmental Team's submission of the captioned Monthly Environmental Monitoring and Audit (EM&A) Report for January 2015 received by email on 11 February 2015.

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. Bond Chow	by fax: 2714 5289
	CEDD	Mr. Jason Cheung	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 – **January 2015** specific for Environmental Permit no. EP-364/2009/C, Further Environmental Permit nos. FEP-01/364/2009, FEP-02-364/2009, FEP-05/364/2009/A, FEP-06/364/2009/A FEP-07/364/2009/A, FEP-09/364/2009/B, FEP-10/364/2009/B and FEP-11/364/2009/B. 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 **January 2015**. The cut-off date of reporting is at 27th of each reporting month.

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

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

- Excavation of trial pit
- Transplanting of trees
- Drainage works
- Tunnel works including scaffolding erection, excavation,
- 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 construction of tunnel structures
- Stage 1 construction of roadside barrier
- Stage 1 construction of retaining wall RW1
- Stage 2a ELS works at exhaust duct
- Stage 2 ELS Installation of strut and waling
- Stage 2 tunnel structure works
- Stage 3 ELS works
- Installation of strut and waling was commenced and dewatering facilities
- Stage 3 structure works
- Demolition of the remaining bulkhead wall at Stage 2 and 3 interface
- Discharge cooling mainlaying works for BI, BG & BF
- Fleming Road at Zone X1-1 to X1-3, trench work
- Tremie works for concrete bedding at temporary water channel
- Installation of S8B salt water main, the remaining blank flange
- S9 salt water main, pressure test
- Sewage works along Fenwick Pier Street was in progress.
- Construction of box culvert

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

- Excavation & installation of ELS
- Hanging system construction
- Core hole for bulk head wall demolition
- Trimming of bored pile head was commenced on 19 Jan 15.
- Pumping test
- D-Wall construction
- Shear pin installation at the west side
- Installation of observation well, pump well, piezometer and inclinometers
- Pre-grouting and predrilling for the remaining D-wall panels
- Guide wall construction for the remaining D-wall panels at the east side
- Shear pin installation at the east side
- D-Wall construction at east side
- Mobilization of SI machine for piezometer and inclinometer, drilling rig for shear pin and 2 nos. of drilling rig for dewatering well

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

- Mined Tunnel drill-and-break works at East and West Portal
- Permanent lining structure at Mined Tunnel
- Construction of diaphragm wall at TPCWAW

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

- Bored piling (Land)
- Demolition of ELS for Cut & Cover Tunnel and EVB
- Laying of 1350 ϕ pipe
- Pre-bored H-pile for Admin. Building continue
- Construction of Bridge E
- Construction of Pump Sump E
- Installation of Noise Barrier/enclosure
- Modification of existing crosshead at Pier 17-18
- IECL Road modification and removal of Median Barrier
- Construction of TB Bridge
- Abutment D12 construction
- Saw cut of parapet at IEC East bound
- Footing construction for TA2 bridge
- Construction of temporary steel tower at F1-F8

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

- Diaphragm wall construction
- Installation of dewatering wells
- Grouting works

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

- Tree works within off-site nursery compound
- Drainage improvement works,
- Sheet piling works,
- Excavation and Lateral Support for U-structure,
- Erection of noise absorption sheetings,
- Pipe piling & grouting works,
- Utility diversion works,
- Waterproofing works,
- Construction of Bowling Green Office,
- Construction of ramp for TTA stage II – westbound &
- Milling & paving works for TTA stage II - westbound.

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

- Drill and fix starter bars on West Ventilation Building tunnel slab for building wall
- Construct ground floor for West Ventilation Building
- Install VE panels bracket and thermal barrier for Tunnel
- Site preparation for East Vent Shaft

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
- iv. 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.
- v. 24-hour real time noise monitoring was conducted at RTN2a – Hong Kong Electric Centre. No project related exceedance was recorded in the reporting month.
- vi. 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.
- vii. 24-hour real time noise monitoring was conducted at RTN4 – Causeway Bay Community Centre. No limit level exceedance was recorded in the reporting month.
- viii. 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.
- ix. 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.
- x. 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.
- xi. Real-time Noise Monitoring at RTN3- Po Leung Kuk Yu Lee Mo Fan Memorial School was commenced since 06 Oct 2012.
- xii. 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.
- xiii. 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.
- xiv. 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.
- xv. With respect to the completion of Victoria Car Park refurbishment, the noise monitoring at M4b-Victora Center was reverted from 3/F to 2/F since 24 June 2014.

Air Monitoring

- xvi. Due to electricity interruption, the following 24hr TSP monitoring events were rescheduled in the reporting month,
[24hr TSP monitoring at CMA3a was rescheduled from 27 January 2015 and 28 January 2015.](#)
- xvii. With respect to the area handover, the air quality monitoring station CMA5a at Children Playgrounds opposite to the Pedestrian Plaza was relocated to the Pedestrian Plaza on 3 December 2014. The station reference and location ID of the air quality monitoring station CMA5a was updated as CMA5b and Pedestrian Plaza respectively.
- xviii. Due to extension of site boundary by contractor of HY/2009/19, location of air monitoring station CMA1b – Oil Street Community Liaison Centre has been finely adjusted on 21 April 2012.
- xix. The location ID of air monitoring station CMA1b was updated as Oil Street Site Office in April 2013.
- xx. 1-hour and 24-hour Total Suspended Particulates (TSP) monitoring were conducted at CMA1b – Oil Street Site Office; CMA2a - Causeway Bay Community Center; CMA3a - CWB PRE Site Office Area; CMA4a – Society for the Prevention of Cruelty to Animals; CMA5b - Pedestrian Plaza; MA1e and MA1w – International Finance Centre eastern and western podium on every six days basis.
- xxi. No project related exceedance was recorded in the reporting month.

Complaints, Notifications of Summons and Successful Prosecutions

- xxii. [One environmental complaint was received in the reporting month.](#)
- xxiii. [A public complaint regarding air quality impact referred by EPD was received by ET on 27 January 2015 \(EPD Case Ref.: H05/RS/00001725-15 dated 27 January 2015\) and further information from EPD regarding the updated location under complaint was received by ET on 30 January 2015.](#)
- xxiv. [According to the relevant site records, breaking of seawall blocks and D-wall, concreting, grouting and drilling works and reclamation/ backfilling works were conducted under HY/2009/15 at TPCWAW. Dust mitigation measures including spraying haul road with water, covering bagged cement with tarpaulin, providing three sided and top covering for grouting stations and water spraying to dusty activities such as breaking works were implemented by the Contractor of HY/2009/15 near the concerned location on 21 January 2015.](#)
- xxv. [Follow-up investigation was conducted on 27 January 2015 during weekly environmental inspection, dust mitigation measures including water spraying for dusty haul road and major dust generation works; and provision of three sides and top covering for grouting station were confirmed in place.](#)
- xxvi. [In addition, based on the review of the monitoring data of the monitoring station located at the concerned location raised by the complainant, namely monitoring station CMA3a , no action or limit level exceedance was recorded during air quality monitoring conducted on 20 and 21 January 2015. Nevertheless, the Air Quality Health Index \(AQHI\) recorded by EPD across](#)

- Western District and Eastern District on the complaint date was ranged from 4 to 10+ indicating a severely high concentration of ambient air pollutants.
- xxvii. As such, the site condition under Contract HY/2009/15 at the concerned location was considered to be generally satisfactory and no non-conformity related to cumulative air quality impact was observed. Nevertheless, in view of the public concern, the contractor was reminded to enhance the dust mitigation measures implemented to minimize potential nuisance to nearby public.
- xxviii. According to the relevant site records, trenching grabbing for D-wall construction, shear pin installation and ground investigation drilling works were conducted at the concerned location. Dust mitigation measures including water spraying for haul road, vehicle wheel washing and hard paving for a section of works area nearby public road were implemented by the Contractor of HK/2009/02 near the concerned location on 21 January 2015.
- xxix. Follow-up investigation was conducted on 5 February 2015 during weekly environmental inspection, dust mitigation measures including water spraying for dusty haul road and major dust generation works and provision of wheel washing combine with cleaning of public road were confirmed in place and no dust related impact from the construction works was observed. The Air Quality Health Index (AQHI) recorded by EPD across Western District and Eastern District on 21 January 2015 was ranged from 4 to 10+ indicating a severely high concentration of ambient air pollutants. Based on reviewing relevant impact monitoring data, elevated TSP were recorded at monitoring stations across Wan Chai West area to North Point area and a non-Project related exceedance was recorded at nearby monitoring station CMA4a (at SPCA) on 21 January 2015 due to ambient air pollutant.
- xxx. In addition, it was noted that a section of the works area at the concerned location was not provided with site hoarding. Based on further review on relevant records it was noted that the works area at concerned section was either hard paved or have to maintain adequate line of sight due to traffic safety consideration. The Contractor of HK/2009/02 was advised to inform EPD with respect to the site constraint and provide relevant updated meeting records on the arrangement for review.
- xxxi. In view of the public concern, the contractor of HK/2009/02 has committed to conduct additional cleaning of the concerned public road section once a week to minimize potential nuisance caused to nearby road users. The contractor was also reminded to enhance the dust mitigation measures implemented to minimize potential nuisance to nearby public.

Site Inspections and Audit

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

Future Key Issues

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

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

- Transplanting of trees
- Drainage works
- Tunnel Structure defect rectifications
- Trough structure construction including excavation, concreting and waterproofing and backfill
- 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 structure and associated works including roadside barrier
- Stage 2 ELS works
- Stage 2 structure works
- Stage 3 ELS works
- Installation of 1st layer ELS Stage 3 tunnel structure works
- Construction of box culvert
- Cooling main laying works at both Expo Drive East outfall and along Fleming Road

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

- Excavation to formation level
- Trimming of bored pile head at the formation level.
- Blinding layers application and waterproofing
- Bulk head wall demolition between Tunnel Portion 1 and Tunnel Portion 2.
- D-Wall construction works at the east side.
- Capping beam construction between Tunnel Portion 1 and Tunnel Portion 3&4.
- Installation of dewatering wells, piezometer and inclinometers.

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

- Mined Tunnel drill-and-break works at East and West Portal
- Permanent lining structure at Mined Tunnel
- Construction of diaphragm wall at TPCWAW

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

- Bored piling (Land)
- Demolition of ELS for Cut & Cover Tunnel and EVB
- Laying of 1350 ϕ pipe
- Pre-bored H-pile for Admin. Building
- Construction of Bridge E
- Installation of Noise Barrier/enclosure
- IECL Road modification and removal of Median Barrier
- Construction of TB Bridge
- Abutment D12 construction
- Saw cut of parapet at IEC East bound
- Construction of steel tower for TA2 bridge
- Construction of temporary steel tower at F1-F8

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

- Diaphragm wall construction
- Installation of dewatering wells
- Grouting works

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

- Tree works within off-site nursery compound,
- Tree transplanting & tree felling works,
- Drainage improvement works,
- Sheet piling works,
- Excavation and Lateral Support for U-structure,
- Erection of noise absorption sheetings,
- Pipe piling & grouting works,
- Utility diversion works,
- Waterproofing works

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

- West Ventilation Building structure construction
- Install VE panels bracket and thermal barrier for Tunnel
- Site preparation for East Vent Shaft

1 INTRODUCTION

1.1 Scope of the Report

1.1.1. Lam Geotechnics Limited (LGL) has been appointed to work as the Environmental Team (ET) under Environmental Permit no. EP-364/2009/C and Further Environmental permit nos. FEP-01/364/2009, FEP-02/364/2009, FEP-05/364/2009/A, FEP-06/364/2009/A, FEP-07/364/2009/A, FEP-09/364/2009/B, FEP-10/364/2009B and FEP-11/364/2009B to implement the Environmental Monitoring and Audit (EM&A) programme as stipulated in the EM&A Manual of the approved Environmental Impact Assessment (EIA) Report for Wan Chai Development phase II and Central-Wan Chai Bypass (Register No.: AEIAR-125/2008) and in the EM&A Manual of the approved EIA Report for Central-Wan Chai Bypass and Island Eastern Corridor Link (Register No. AEIAR-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, FEP-09/364/2009B, FEP-10/364/2009B and FEP-11/364/2009B during the period [December 2014 to January 2015](#). The cut-off date of reporting is at 27th of each reporting month

1.2 Structure of the Report

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

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

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

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

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

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

- Section 7** ***Cumulative Construction Impact due to the Concurrent Projects*** – summarizes the relevant cumulative construction impact due to the concurrent activities of the concurrent Projects.
- Section 8** ***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 (Completed)
HY/2009/18	Central – Wan Chai Bypass (CWB) – Central Interchange	DP1	21 April 2011
04/HY/2006	Reconstruction of Bus Terminus near Man Yiu Street and Man Kwong Street	DP1	September 2010 (Completed)
HK/2009/01	Wan Chai Development Phase II – Central – Wan Chai Bypass at Hong Kong Convention and Exhibition Centre – Tunnel Works	DP1, DP2	25 August 2011

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

2.4 Project Organization and Contact Personnel

2.4.1. Civil Engineering and Development Department and Highways Department are the overall project controllers for the Wan Chai Development Phase II and Central-Wan Chai Bypass respectively. For the construction phase of the Project, Project Engineer, Contractor(s), Environmental Team and Independent Environmental Checker are appointed to manage and control environmental issues.

2.4.2. The proposed project organization and lines of communication with respect to environmental protection works are shown in **Figure 2.2**. Key personnel and contact particulars are summarized in **Table 2.3**:

Table 2.3 Contact Details of Key Personnel

Party	Role	Post	Name	Contact No.	Contact Fax
AECOM	Engineer's Representative for WDII	Principal Resident Engineer	Mr. Frankie Fan	2587 1778	2587 1877
	Engineer's Representative for CWB	Principal Resident Engineer	Mr. Peter Poon	3922 3388	3912 3010
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	



Party	Role	Post	Name	Contact No.	Contact Fax
		Environmental Officer	Dr. Priscilla Choy	9161 7287	
		Environmental Supervisor	Mr. Tam Chun Pong	6461 3062	
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	Ms. Wendy Ng	9103 2370	
		Assistant Environmental Engineer	Ms. Connie 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	Contractor	Site Agent	Mr. Jimmy Chu	2214 7700	2140 6799

Party	Role	Post	Name	Contact No.	Contact Fax
Contractors (Asia) Limited	under Contract no. HY/2009/18	Deputy Site Agent	Mr. Bob Yeung	2214 7703	
		Environmental Officer	Ms. Lighting Chan	2823 1161	
		Environmental Engineer	Mr. David Hung	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. Y. Huo	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. C.N. Lai	9137 1811	2877 1522
		Project Manager	Mr. Eddie Chung	9193 8871	
		Site Agent	Mr. Keith Tse	9095 7922	
		Environmental Officer	Mr. James MA	9130 9549	
		Environmental Supervisor	Mr. Y.L. Ho	6050 4919	
China State	Contractor under Contract no. HY/2010/08	Project Director	Cheung Kit Cheung	3557 6399	2566 8061
		Project Manager	Chan Ying Lun	9812 0592	



Party	Role	Post	Name	Contact No.	Contact Fax
		Deputy Project Manager	Chris Leung	3467 4299	
		Site Agent	Dr. Dave Chan	3467 4277	
		Environmental Officer	Mr. C.M. Wong	3557 6464	
		Environmental Supervisor	Mr. Louis Lam Tsz Kwan	3557 6470	
Leighton Joint Venture	Contractor under Contract no. HY/2011/08	Project Manager	Paul Evans	2823 1111	21406799
		Site Agent	Colman Wong	9730 0806	
		Environmental Officer	Chris Chan	9765 6151	
		Environmental Supervisor	Penny Yiu	2214 7738	
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,
- 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 construction of tunnel structures
- Stage 1 construction of roadside barrier
- Stage 1 construction of retaining wall RW1
- Stage 2a ELS works at exhaust duct
- Stage 2 ELS Installation of strut and waling
- Stage 2 tunnel structure works
- Stage 3 ELS works
- Installation of strut and waling was commenced and dewatering facilities
- Stage 3 structure works
- Demolition of the remaining bulkhead wall at Stage 2 and 3 interface
- Discharge cooling mainlaying works for BI, BG & BF
- Fleming Road at Zone X1-1 to X1-3, trench work
- Tremie works for concrete bedding at temporary water channel
- Installation of S8B salt water main, the remaining blank flange
- S9 salt water main, pressure test
- Sewage works along Fenwick Pier Street was in progress.
- Construction of box culvert

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

- Excavation & installation of ELS
- Hanging system construction
- Core hole for bulk head wall demolition
- Trimming of bored pile head was commenced on 19 Jan 15.
- Pumping test
- D-Wall construction
- Shear pin installation at the west side
- Installation of observation well, pump well, piezometer and inclinometers
- Pre-grouting and predrilling for the remaining D-wall panels

- Guide wall construction for the remaining D-wall panels at the east side
- Shear pin installation at the east side
- D-Wall construction at east side
- Mobilization of SI machine for piezometer and inclinometer, drilling rig for shear pin and 2 nos. of drilling rig for dewatering well

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

- Mined Tunnel drill-and-break works at East and West Portal
- Permanent lining structure at Mined Tunnel
- Construction of diaphragm wall at TPCWAW

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

- Bored piling (Land)
- Demolition of ELS for Cut & Cover Tunnel and EVB
- Laying of 1350 ϕ pipe
- Pre-bored H-pile for Admin. Building continue
- Construction of Bridge E
- Construction of Pump Sump E
- Installation of Noise Barrier/enclosure
- Modification of existing crosshead at Pier 17-18
- IECL Road modification and removal of Median Barrier
- Construction of TB Bridge
- Abutment D12 construction
- Saw cut of parapet at IEC East bound
- Footing construction for TA2 bridge
- Construction of temporary steel tower at F1-F8

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

- Diaphragm wall construction
- Installation of dewatering wells
- Grouting works

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

- Tree works within off-site nursery compound
- Drainage improvement works,
- Sheet piling works,
- Excavation and Lateral Support for U-structure,
- Erection of noise absorption sheetings,
- Pipe piling & grouting works,
- Utility diversion works,
- Waterproofing works,



- Construction of Bowling Green Office,
- Construction of ramp for TTA stage II – westbound &
- Milling & paving works for TTA stage II - westbound.

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

- Drill and fix starter bars on West Ventilation Building tunnel slab for building wall
- Construct ground floor for West Ventilation Building
- Install VE panels bracket and thermal barrier for Tunnel
- Site preparation for East Vent Shaft

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

- Transplanting of trees
- Drainage works
- Tunnel Structure defect rectifications
- Trough structure construction including excavation, concreting and waterproofing and backfill
- 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 structure and associated works including roadside barrier
- Stage 2 ELS works
- Stage 2 structure works
- Stage 3 ELS works
- Installation of 1st layer ELS Stage 3 tunnel structure works
- Construction of box culvert
- Cooling main laying works at both Expo Drive East outfall and along Fleming Road

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

- Excavation to formation level
- Trimming of bored pile head at the formation level.
- Blinding layers application and waterproofing
- Bulk head wall demolition between Tunnel Portion 1 and Tunnel Portion 2.
- D-Wall construction works at the east side.
- Capping beam construction between Tunnel Portion 1 and Tunnel Portion 3&4.
- Installation of dewatering wells, piezometer and inclinometers.

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

- Mined Tunnel drill-and-break works at East and West Portal
- Permanent lining structure at Mined Tunnel
- Construction of diaphragm wall at TPCWAW

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

- Bored piling (Land)
- Demolition of ELS for Cut & Cover Tunnel and EVB
- Laying of 1350 ϕ pipe
- Pre-bored H-pile for Admin. Building
- Construction of Bridge E
- Installation of Noise Barrier/enclosure
- IECL Road modification and removal of Median Barrier
- Construction of TB Bridge
- Abutment D12 construction
- Saw cut of parapet at IEC East bound
- Construction of steel tower for TA2 bridge
- Construction of temporary steel tower at F1-F8

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

- Diaphragm wall construction
- Installation of dewatering wells
- Grouting works

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

- Tree works within off-site nursery compound,
- Tree transplanting & tree felling works,
- Drainage improvement works,
- Sheet piling works,
- Excavation and Lateral Support for U-structure,
- Erection of noise absorption sheetings,
- Pipe piling & grouting works,
- Utility diversion works,
- Waterproofing works

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

- West Ventilation Building structure construction
- Install VE panels bracket and thermal barrier for Tunnel
- Site preparation for East Vent Shaft

3 STATUS OF REGULATORY COMPLIANCE

3.1 Status of Environmental Licensing and Permitting under the Project

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

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

Permits and/or Licences	Reference No.	Issued Date	Status
Environmental Permit	EP-356/2009	30 Jul 2009	Valid
Environmental Permit	EP-364/2009	17 Aug 2009	Superseded
Environmental Permit	EP-364/2009/A	4 Aug 2010	Superseded
Environmental Permit	EP-364/2009/B	20 Sep 2012	Superseded
Environmental Permit	EP-364/2009/C	11 Jul 2014	Valid
Environmental Permit	EP-376/2009	13 Nov 2010	Valid
Further Environmental Permit	FEP-01/356/2009	18 Feb 2010	Surrendered
Further Environmental Permit	FEP-02/356/2009	24 Mar 2010	Valid
Further Environmental Permit	FEP-03/356/2009	24 Mar 2010	Valid
Further Environmental Permit	FEP-04/356/2009	15 Nov 2010	Valid
Further Environmental Permit	FEP-05/356/2009	24 Mar 2011	Surrendered
Further Environmental Permit	FEP-06/356/2009	5 March 2013	Valid
Further Environmental Permit	FEP-07/356/2009	26 July 2013	Valid
Further Environmental Permit	FEP-01/364/2009	24 Mar 2010	Valid
Further Environmental Permit	FEP-02/364/2009	21 Apr 2010	Valid
Further Environmental Permit	FEP-03/364/2009	12 July 2010	Surrendered
Further Environmental Permit	FEP-04/364/2009/A	14 Oct 2010	Surrendered
Further Environmental Permit	FEP-05/364/2009/A	15 Nov 2010	Valid
Further Environmental Permit	FEP-06/364/2009/A	22 Nov 2010	Valid
Further Environmental Permit	FEP-07/364/2009/A	25 Feb 2011	Valid
Further Environmental Permit	FEP-08/364/2009/A	15 June 2012	Surrendered
Further Environmental Permit	FEP-09/364/2009/B	5 March 2013	Valid
Further Environmental Permit	FEP-10/364/2009/B	26 July 2013	Valid

Further Environmental Permit	FEP-11/364/2009/B	2 May 2014	Valid
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- 3.1.2. Due to the multi-contract nature of the Project, the status of permits and/or licences under the individual contract(s) are presented as below:

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

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

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

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

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

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

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

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

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

Permits and/or Licences	Reference No.	Issued Date	Valid Period/ Expiry Date	Status
Further Environmental Permit	FEP-02/356/2009	24 Mar 2010	N/A	Valid
	FEP-02/364/2009	21 Apr 2010	N/A	Valid
Notification of Works Under APCO	313088	06 Jan 2010	N/A	Valid
Construction Noise Permit (CNP) for non-piling equipment	GW-RS0875-14	21 Aug 2014	23 Aug 2014 to 21 Feb 2015	Valid
	GW-RS0765-14	30 Jul 2014	15 Aug 2014 to 14 Feb 2015	Valid
	GW-RS1056-14	29 Sept 2014	08 Oct 2014 to 7 April 2015	Valid
	GW-RS1274-14	17 Nov 2014	17 Nov 2014 to 16 May 2015	Valid
	GW-RS1051-14	29 Sept 2014	9 Oct 2014 to 8 April 2015	Valid
	GW-RS1222-14	05 Nov 2014	08 Nov 2014 to 07 May 2015	Valid
	GW-RS1309-14	24 Nov 2014	26 Nov 2014 to 25 May 2015	Valid
	GW-RS1472-14	2 Jan 2015	22 Jan 2015 to 21 Jul 2015	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

Permits and/or Licences	Reference No.	Issued Date	Valid Period/ Expiry Date	Status
Registration as a Chemical Waste Producer	WPN5213-134-C3585-01	21 Jan 2010	N/A	Valid

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

EP Condition	Submission	Date of Submission
Condition 2.7 & 2.8	Works Schedule and Location Plan	18 May 2011
Condition 2.6	Environmental Management Organization Chart	18 May 2011
Condition 1.12	Commencement Date of Works	20 Jun 2011
Condition 2.9	Noise Management Plan	10 Jun 2011
Condition 2.11	Landscape Plan (Rev.2)	14 Oct 2014

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

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

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

Permits and/or Licences	Reference No.	Issued Date	Valid Period/ Expiry Date	Status
Further Environmental Permit	FEP-03/356/2009	24 Mar 2010	N/A	Valid
	FEP-01/364/2009	24 Mar 2010	N/A	Valid
Notification of Works Under APCO	313962	2 Feb 2010	N/A	Valid
Construction Noise Permit (CNP) for non-pilling equipment	GW-RS0637-14	26/6/2014	02 July 2014 to 01 Jan 2015	Expired
	GW-RS0742-14	25 July 2014	15 Aug 2014 to 14 Feb 2015	Valid
	GW-RS0745-14	25 July 2014	14 Aug 2014 to 13 Feb 2015	Valid

Permits and/or Licences	Reference No.	Issued Date	Valid Period/ Expiry Date	Status
	GW-RS0840-14	18 Aug 2014	02 Aug 2014 to 12 Feb 2015	Valid
	GW-RS0889-14	29 Aug 2014	29 Sep 2014 to 19 Mar 2015	Valid
	GW-RS0910-14	29 Aug 2014	20 Sep 2014 to 19 Mar 2015	Valid
	GW-RS0965-14	12 Aug 2014	14 Sep 2014 to 11 Mar 2015	Valid
	GW-RS0970-14	12 Aug 2014	12 Sep 2014 to 9 Mar 2015	Valid
	GW-RS0946-14	10 Aug 2014	25 Sep 2014 to 24 Mar 2015	Valid
	GW-RS1060-14	30 Sep 2014	3 Oct 2014 to 25 Mar 2015	Valid
	GW-RS1061-14	30 Sep 2014	2 Oct 2014 to 28 Mar 2015	Valid
	GW-RS1110-14	13/ Oct 2014	17 Oct 2014 to 16 Apr 2015	Valid
	GW-RS1109-14	13 Oct 2014	18 Oct 2014 to 17 Apr 2015	Valid
	GW-RS1148-14	21 Oct 2014	23 Oct 2014 to 9 Apr 2015	Valid
	GW-RS1189-14	31 Oct 2014	22 Nov 2014 to 21 May 2015	Valid
	GW-RS1190-14	31 Oct 2014	17 Nov 2014 to 16 May 2015	Valid
	GW-RS1192-14	31 Oct 2014	07 Nov 2014 to 6 May 2015	Valid
	GW-RS1199-14	31 Oct 2014	07 Nov 2014 to 6 May 2015	Valid
	GW-RS1208-14	31 Oct 2014	16 Nov 2014 to 3 May 2015	Valid
	GW-RS1218-14	5 Nov 2014	7 Nov 2014 to 02 May 2015	Valid
	GW-RS1321-14	21 Nov 2014	24 Nov 2014 to 16 May 2015	Valid
	GW-RS1442-14	24 Dec 2014	27 Dec 2014 to 23 Jun 2015	Valid

Permits and/or Licences	Reference No.	Issued Date	Valid Period/ Expiry Date	Status
	GW-RS1425-14	23 Dec 2014	25 Dec 2014 to 21 Jun 2015	Valid
	GW-RS0066-15	21 Jan 2015	23 Jan 2015 to 15 Jul 2015	Valid
	GW-RS0085-15	27 Jan 2015	14 Feb 2015 to 13 Aug 2015	Valid
	GW-RS0014-15	07 Jan 2015	08 Jan 2015 to 01 Jul 2015	Valid
	GW-RS0098-15	30 Jan 2015	1 Feb 2015 to 28 Jul /2015	Valid
Discharge Licenses	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
Registration as Chemical Waste Producer (Wan Chai)	WPN5213-135-C3593-01	10 Mar 2010	N/A	Valid
Registration as Chemical Waste Producer (TKO 137)	WPN5213-839-C3593-02	22 Sep 2010	N/A	Valid

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

EP Condition	Submission	Date of Submission
Condition 2.7 and 2.8	Works Schedule and Location Plan	14 Jun 2011
Condition 2.6	Environmental Management Organization Chart	14 Jun 2011
Condition 1.12	Commencement Date of Works	21 Jun 2011

EP Condition	Submission	Date of Submission
Condition 2.11	Landscape Plan (Revision B)	20 Nov 2012
Condition 2.9	Noise Management Plan (Revision B)	13 Jan 2012

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

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

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

Permit / Licence / Notification / Approval	Reference No.	Issued Date	Valid Period/ Expiry Date	Status
Further Environmental Permit	FEP-05/364/2009/A	15 Nov 2010	Permit issued	Valid
Notification of Works Under APCO	322293	07 Oct 2010	Notified	Valid
Construction Noise Permit (CNP) for non-piling equipment	GW-RS0694-14	04 July 2014	07 July 2014 to 03 Jan 2015	Expired
	GW-RS0830-14	07 Aug 2014	08 Aug 2014 to 03 Jan 2015	Cancelled
	GW-RS1151-14	22 Oct 2014	03 Nov 2014 to 30 Apr 2015	Valid
	GW-RS1154-14	28 Oct 2014	05 Nov 2014 to 02 Apr 2015	Valid
	GW-RS1248-14	06 Nov 2014	08 Nov 2014 to 07 Apr 2015	Valid
	GW-RS-0023-15	07 Jan 2015	04 Jan 2014 to 03 June 2015	Valid
Discharge Licenses	WT00012998-2012	25 May 2012	31 Jan 2016	Cancelled
	WT00013967-2012	17 Sep 2012	30 Sep 2017	Valid
	WT00014966-2013	08 Jan 2013	31 Jan 2018	Valid
	WT00020398-2014	21 Nov 2014	31 Jan 2016	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 3.7 Summary of submission status under FEP-05/364/2009/A

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

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

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

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

Permits and/or Licences	Reference No.	Issued Date	Valid Period/ Expiry Date	Status
Further Environmental Permit	FEP-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-RS0702-14	9 Jul 2014	11 Jul 2014 to 07 Jan 2015	Cancelled
	GW-RS0600-14	11 Jun 2014	02 Jul 2014 to 07 Jan 2015	Expired
	GW-RS0649-14	26 Jun 2014	1 Jul 2014 to 31 Dec 2014	Cancelled
	GW-RS0721-14	16 Jul 2014	18 Jul 2014 to 15 Jan 2015	Expired
	GW-RS0944-14	8 Sep 2014	8 Sep 2014 to 7 Mar 2015	Cancelled
	GW-RS0968-14	12 Sep 2014	12 Sep 2014 to 10 Mar 2015	Valid
	GW-RS1164-14	24 Oct 2014	24 Oct 2014 to 23 Apr 2015	Valid
	GW-RS1454-14	24 Dec 2014	26 Dec 2014 to 22 Jun 2015	Valid
	GW-RS0021-15	13 Jan 2015	16 Jan 2015 to 15 Jul 2015	Valid
GW-RS1465-14	31 Dec 2014	1 Jan 2015 to 30 Jun 2015	Valid	
Registration as a Chemical Waste Producer	WPN: 5213-147-C1169-35	15 Nov 2010	N/A	Valid

Permits and/or Licences	Reference No.	Issued Date	Valid Period/ Expiry Date	Status
Billing Account under Waste Disposal Ordinance	7011553	30 Sep 2010	27 Sep 2010 to 27 Jan 2016	Valid
Water Discharge License (TS1)	WT00008780-2011	24 Nov 2011	24 Nov 2011 to 31 Mar 2016	Valid
Water Discharge License (Discharge at CHT area)	WT00019250-2014	6 Jun 2014	6 Jun 2014 to 31 May 2016	Valid
Water Discharge License (Discharge at 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 3.9 Summary of submission status under FEP-06/364/2009/A

EP Condition	Submission	Date of Submission
Condition 2.6	Management Organization of Main Construction Companies	11 Mar 2011
	Amendment for Management Organization of Main Construction Companies	16 May 2011
Condition 2.7	Works Schedule	15 Mar 2011
Condition 2.8	Location Plan	15 Mar 2011
Condition 2.9	Noise Management Plan	6 May 2011
Condition 2.10	Landscape Plan	19 May 2014

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

3.1.10. 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 3.10** and **Table 3.11**

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

Permits and/or Licences	Reference No.	Issued Date	Valid Period/ Expiry Date	Status
Further Environmental Permit	FEP-07/364/2009/A	25 Feb 2011	N/A	Valid
Notification of Works Under APCO	326160	24 Jan 2011	N/A	Valid
Registration as a Waste Producer	7012306	10 Feb 2011	N/A	Valid
Registration as Chemical Waste Producer	5213-151-C3654-01	24 Mar 2011	N/A	Valid
Application for Vessel Disposal	7012306	21 July 2011	N/A	Valid
Construction Noise Permits (CNP) for non-piling equipment	GW-RS1000-14	17 Sep 2014	19 Sep 2014 to 15 Mar 2015	Cancelled
	GW-RS0752-14	21 Jul 2014	23 July 2014 to 20 Jan 2015	Cancelled
	GW-RS0814-14	08 Aug 2014	08 Aug 2014 to 05 Feb 2015	Cancelled
	GW-RS0826-14	12 Aug 2014	14 Aug 2014 to 11 Feb 2015	Cancelled
	GW-RS1086-14	09 Oct 2014	11-Oct-14 to 8 Apr 2015	Valid
	GW-RS1215-14	29 Oct 2014	31 Oct 2014 to 28 Apr 2015	Cancelled
	GW-RS1219-14	30 Oct 2014	1 Nov 21014 to 30 Apr 2015	Valid
	GW-RS1299-14	18 Nov 2014	20 Nov 2014 to 17 May 2015	Valid
	GW-RS1339-14	01 Dec 2014	02 Dec 2014 to 30 May 2015	Cancelled
	GW-RS1331-14	27 Nov 2014	28 Nov 2014 to 27 May 2015	Valid
GW-RS0076-15	21 Jan 2015	23 Jan 2015 to 22Jul 2015	Valid	
Dumping Permit (Tunnel) (Type 1 – Open Sea Disposal)	EP/MD/15-035	18 Jun 2014	18 Jun 2014 to 17 Dec 2014	Expired
Water Discharge License	WT00010093-2011	17-Aug-12	30-Sep-16	Valid
	WT00010865-2011	3-Nov-11	30-Nov-16	Valid

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

EP Condition	Submission	Date of Submission
Condition 2.13	Landscape Plan (Rev.3)	19 May 2014
Condition 2.9	Noise Management Plan (Rev.3)	5 July 2014

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 3.12 and Table 3.13**

Table 3.12 Cumulative Summary of Valid Licences and Permits under Contract no. HK/2012/08

Permits and/or Licences	Reference No.	Issued Date	Valid Period/ Expiry Date	Status
Further Environmental Permit	FEP-09/364/2009/B	5 March 2013	N/A	Valid
Notification of Works Under APCO	355439	4 Feb 2013	N/A	Valid
Registration as a Chemical Waste Producer	5213-134-C3790-01	8 Mar 2013	N/A	Valid
Billing Account under Waste Disposal Ordinance	7016883	18 Feb 2013	18 Jul 2017	Valid
Construction Noise Permit (CNP) for non-piling equipment	GW-RS0919-14	5 Sep 2014	7 Sep 2014 to 4 Mar 2015	Valid
	GW-RS1006-14	19 Sep 2014	1 Oct 2014 to 31 Mar 2015	Valid
	GW-RS1244-14	30 Oct 2014	3 Nov 2014 to 28 Feb 2015	Valid
Water Discharge Licence	WT00018223-2014	28 Jan 2014	31 Jan 2019	Valid

Table 3.13 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.3)	1 August 2014

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 3.14 and Table 3.15**

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

Permits and/or Licences	Reference No.	Issued Date	Valid Period/ Expiry Date	Status
Further Environmental Permit	FEP-10/364/2009/B	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-RS0701-14	04 Jul 2014	5 Jul 2014 to 31 Dec 2014	Expired
	GW-RS0867-14	18 Aug 2014	23 Aug 2014 to 19 Feb 2015	Valid
	GW-RS1013-14	19 Sep 2014	19 Sept 2014 to 14 Mar 2015	Valid
	GW-RS1115-14	14 Oct 2014	14 Oct 2014 to 13 Apr 2015	Valid
	GW-RS1213-14	05 Nov 2014	07 Nov 2014 to 03 May 2015	Valid
	GW-RS1259-14	07 Nov 2014	09 Nov 2014 to 03 May 2015	Valid
	GW-RW0891-14	12 Nov 2014	12 Nov 2014 to 11 May 2015	Valid
	GW-RS1322-14	26 Nov 2014	28 Nov 2014 to 27 May 2015	Valid
	GW-RS1393-14	17 Dec 2014	17 Dec 2014 to 15 Jun 2015	Valid
	GW-RS1407-14	17 Dec 2014	19 Dec 2014 to 31 Mar 2015	Valid
	GW-RS1443-14	31 Dec 2014	2 Jan 2015 to 23 Jun 2015	Valid
	GW-RS1479-14	2 Jan 2015	04 Jan 2015 to 31 Mar 2015	Valid

Permits and/or Licences	Reference No.	Issued Date	Valid Period/ Expiry Date	Status
	GW-RS0001-15	2 Jan 2015	09 Jan 2015 to 27 Apr 2015	Valid
Construction Noise Permit (CNP) for pilling works	PP-RS0014-14	04 Jul 2014	05 Jul 2014 to 03 Jan 2015	Expired

Table 3.15 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 (Rev2)	19 May 2014

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

3.1.13 The current status on licenses 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. HY/2011/08

Permits and/or Licences	Reference No.	Issued Date	Valid Period/ Expiry Date	Status
Further Environmental Permit	FEP-11/364/2009/B	2 May 2014	N/A	Valid
Notification of Works Under APCO	355439	4 Feb 2013	N/A	Valid
Registration as a Chemical Waste Producer	5213-134-C3790-01	8 Mar 2013	N/A	Valid
Billing Account under Waste Disposal Ordinance	7016883	18 Feb 2013	18 Jul 2017	Valid
Construction Noise Permit (CNP) for non-piling equipment	GW-RS-1275-14	14 Nov 2014	10 May 2015	Valid
Water Discharge Licence	WT00019644-2014	29 Jul 2014	31 Jul 2019	Valid
	WT00020242-2014	04 Nov 2014	30 Nov 2019	Valid



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

EP Condition	Submission	Date of Submission
Condition 2.9	Noise Management Plan (Rev.1)	21 July 2014
Condition 2.14	Landscape Plan (Rev1)	21 July 2014

4 MONITORING REQUIREMENTS

4.1 Noise Monitoring

NOISE MONITORING STATIONS

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

Table 4.1 Noise Monitoring Stations

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

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

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

REAL TIME NOISE MONITORING STATIONS

4.1.2. 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.

4.2 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
CMA5b	Pedestrian Plaza***	Wan Chai
MA1e	International Finance Centre (Eastern End of Podium)	Central
MA1w	International Finance Centre (western End of Podium)	Central

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

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

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

AIR MONITORING PARAMETERS, FREQUENCY AND DURATION

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

SAMPLING PROCEDURE AND MONITORING EQUIPMENT

4.2.5. High volume samplers (HVSs) in compliance with the following specifications shall be used for carrying out the 1-hour and 24-hour TSP monitoring:

- 0.6 – 1.7 m³ per minute adjustable flow range;
- Equipped with a timing / control device with +/- 5 minutes accuracy for 24 hours operation;
- Installed with elapsed-time meter with +/- 2 minutes accuracy for 24 hours operation;
- Capable of providing a minimum exposed area of 406 cm²;
- Flow control accuracy: +/- 2.5% deviation over 24-hour sampling period;
- Equipped with a shelter to protect the filter and sampler;
- Incorporated with an electronic mass flow rate controller or other equivalent devices;
- Equipped with a flow recorder for continuous monitoring;
- Provided with a peaked roof inlet;
- Incorporated with a manometer;
- Able to hold and seal the filter paper to the sampler housing at horizontal position;
- Easily changeable filter; and
- Capable of operating continuously for a 24-hour period.

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

LABORATORY MEASUREMENT / ANALYSIS

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

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

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

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

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

5.0 MONITORING RESULTS

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

5.0.2. In the reporting month, the concurrent contracts are as follows:

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

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

5.1 Noise Monitoring Results

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

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

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

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

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

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

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

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

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

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

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

Station	Description
M1a	Harbour Road Sports Centre

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

5.1.13 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

5.1.14 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

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

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

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

5.1.17 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 5.6 Noise Monitoring Stations for Contract no. HY/2011/08

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

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

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

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 10 and 14 January 2015 in the reporting month. After checking with Contractor of HY/2009/19, bored piling works were conducted at the concerned location during the recorded period and mitigation measures including erection of temporary noise blanket was implemented by Contractor. As the exceedances were non-continuous, the exceedances were considered to be non-Project related and contributed by nearby IEC traffic.
- 5.2.12. No limit level exceedances were recorded at RTN3-Yue Lee Mo Fan Memorial School during daytime 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 5.8** below.

Table 5.8 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.

5.3.3 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

5.3.4 The commencement of construction works for Contract no. HK/2009/01 under FEP-02/364/2009 is on 25 August 2011. Air quality monitoring was commenced on 25 August 2011. The proposed division of air monitoring stations are summarized in **Table 5.9** below.

Table 5.9 Air Monitoring Station for Contract no. HK/2009/01

Station	Description
CMA5b	Pedestrian Plaza

5.3.5 One limit level exceedance was recorded at CMA5b on 27 January 2015 during 24hr TSP monitoring in the reporting month.

5.3.6 After investigation, it was found that the high ambient air pollutant concentration was the major contribution to air quality impact and contractor dust mitigation measures were confirmed in place. As such, the exceedances were considered as non- project related.

5.3.7 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

5.3.8 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 5.10** below.

Table 5.10 Air Monitoring Station for Contract no. HK/2009/02

Station	Description
CMA4a	Society for the Prevention of Cruelty to Animals

5.3.9 One action level exceedance was recorded at CMA4a on 27 January 2015 during 24hr TSP monitoring in the reporting month.

5.3.10 After investigation, it was found that the high ambient air pollutant concentration was the major contribution to air quality impact and contractor dust mitigation measures were confirmed in place. As such, the exceedances were considered as non- project related.

5.3.11 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

5.3.12 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 5.11** below.

Table 5.11 Air Monitoring Station for Contract no. HY/2009/15

Station	Description
CMA3a	CWB PRE Site Office

5.3.13 No exceedance was recorded in the reporting month.

5.3.14 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

5.3.15 The proposed division of air monitoring stations are summarized in **Table 5.12** below. Air monitoring for the tunnel works under contract no. HY/2009/19 was commenced on 26 April 2011.

Table 5.12 Air Monitoring Stations for Contract no. HY/2009/19

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

5.3.16 One action level exceedance was recorded at CMA1b and one action level exceedance was recorded at CMA2a on 27 January 2015 during 24hr TSP monitoring in the reporting month.

5.3.17 After investigation, it was found that the high ambient air pollutant concentration was the major contribution to air quality impact and contractor dust mitigation measures were confirmed in place. As such, the exceedances were considered as non- project related.

5.3.18 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/2012/08- Wan Chai Development Phase II – Central-Wan Chai Bypass at Wan Chai West

5.3.19 The commencement of construction works for Contract no. HK/2012/08 under FEP-09/364/2009/C was on May 2014. Air quality monitoring was commenced on 14 July 2011. The proposed division of air monitoring stations are summarized in **Table 5.13** below.

Table 5.13 Air Monitoring Station for Contract no. HK/2012/08

Station	Description
CMA5b	Pedestrian Plaza

5.3.20 One limit level exceedance was recorded at CMA5b on 27 January 2015 during 24hr TSP monitoring in the reporting month.

5.3.21 After investigation, it was found that the high ambient air pollutant concentration was the major contribution to air quality impact and contractor dust mitigation measures were confirmed in place. As such, the exceedances were considered as non- project related.

5.3.22 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/2010/08 – Central-Wanchai Bypass –Wanchai Bypass Tunnel (Slip Road 8 Section) under FEP-09/364/2009/B

5.3.23 The commencement of construction works for Contract no. HY/2010/08 under FEP-09/364/2009/B was on July 2014. Air quality monitoring was commenced on 14 July 2011. The proposed division of air monitoring stations are summarized in **Table 5.14** below.

Table 5.14 Air Monitoring Station for Contract no. HY/2010/08

Station	Description
CMA3a	CWB PRE Site Office

5.3.24 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/2011/08 – Central - Wan Chai Bypass (CWB) – Tunnel Buildings, Systems and Fittings, and Works Associated with Tunnel Commissioning

5.3.25 Air monitoring for the Central Interchange works under contract no. HY/2011/08 was commenced on 21 April 2011. The proposed division of air monitoring stations are summarized in **Table 5.15** below.

Table 5.15 Air Monitoring Stations for Contract no. HY/2011/08

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

5.3.26 No exceedance was recorded in the reporting month. Air quality monitoring results measured in this reporting period are reviewed and summarized. Details of air monitoring results and graphical presentation can be referred in **Appendix 5.3**.

5.4 Waste Monitoring Results

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

5.4.1. Inert C&D wastes and non-inert C&D wastes were disposed in this reporting month. Details of the waste flow table are summarized in **Table 5.16**.

Table 5.16 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	41354.22	122420.815	TKO137, TM38
Inert C&D materials recycled	420	44643.88	N/A
Non-inert C&D materials disposed	5.62	2022.83	SENT Landfill
Non-inert C&D materials recycled	18416	396419	N/A
Chemical waste disposed	Nil	10350	N/A
Marine Sediment (Type 1 – Open Sea Disposal (Dedicate Sites) & Type 2 – Confined Marine Disposal) , m3	2850	2850	East of Cha Chau South Brothers

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

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

Table 5.17 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	16024.58	285993.542	TKO137 / TM 38
Inert C&D materials recycled, m ³	Nil	18161	n/a
Non-inert C&D materials disposed, m ³	18.38	1860.627	SENT Landfill
Non-inert C&D materials recycled, m ³	Nil	N/A	N/A
Chemical waste disposed, kg	Nil	17029	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 5.18**.

Table 5.18 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	1538	118677.67	T.K.O. 137, TM 38
Inert C&D materials recycled	Nil	58734.05	N/A
Non-inert C&D materials disposed	93.2	2903.87	SENT Landfill
Non-inert C&D materials recycled (tonnes)	65.01	800.8	N/A
Chemical waste disposed (kg)	Nil	4440	N/A

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

5.4.4. Inert & Non-inert C&D wastes were disposed of in this reporting month. Details of the waste flow table are summarized in **Table 5.19**.

Table 5.19 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	Nil	535707.47	Tuen Mun Area 38
	Nil	243456.3	TKO137 FB
Inert C&D materials recycled, m ³	2473	304860.3	HY/2009/11 ex-PCWA TS4 /TS2 WDII Lun Ku Tan
Non-inert C&D materials disposed, m ³	26.89	2649.29	SENT Landfill
Non-inert C&D materials recycled, m ³	Nil	5496446.2	Xun Xiang Metalware Skylight Recycle (paper)
Chemical waste disposed, kg	Nil	22755	Dunwell Group

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 5.20**.

Table 5.20 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	3314.41	598824.15	N/A
Inert C&D materials recycled	Nil	81822.39	N/A
Non-inert C&D materials disposed	95.05	2230.2	SENT Landfill
Non-inert C&D materials recycled	4.9	411.4	N/A
Chemical waste disposed	Nil	8.55	N/A
Marine Sediment (Tunnel) (Type-1 Open Sea Disposal), m ³	Nil	20556	South of Cheung Chau
Marine Sediment (Tunnel) (Type 1- Open Sea Disposal (Dedicated Sites) & Type 2 – Confined Marine Disposal), m ³	Nil	30751	East of Sha Chau

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

5.4.6. No inert and Non-inert C&D wastes were disposed of in this reporting month. Details of the waste flow table are summarized in **Table 5.21**.

Table 5.21 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	3031	27048	TKO 137
Inert C&D materials recycled	Nil	Nil	N/A
Non-inert C&D materials disposed	40	350	SENT
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

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

Table 5.22 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	588	17870.4	TM 38
	Nil	363	TKO 137
Inert C&D materials recycled	Nil	Nil	N/A
Non-inert C&D materials disposed	56	670	SENT
Non-inert C&D materials recycled	Nil	Nil	N/A
Chemical waste disposed	Nil	535	N/A

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

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

Table 5.23 Details of Waste Disposal for Contract no. HY/2011/08

Waste Type*	Quantity this month, m ³	Cumulative-to-Date, m ³	Disposal / Dumping Grounds
Inert C&D materials disposed	Nil	14.4	CWPF
Inert C&D materials recycled	Nil	Nil	N/A
Non-inert C&D materials disposed	7.011	23.077	SENT
Non-inert C&D materials recycled	Nil	Nil	N/A
Chemical waste disposed	Nil	Nil	N/A

6.0 COMPLIANCE AUDIT

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

6.1 Noise Monitoring

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

6.1.1. No exceedance was recorded in the reporting month.

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

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

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

6.1.6. No exceedance was recorded in the reporting month.

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

6.1.7. 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

- 6.1.1 No Limit level exceedance was recorded at RTN1-FEHD Hong Kong Transport Section Whitfield Depot in the reporting month.
- 6.1.2 Limit level exceedances were recorded at RTN2a-Electric Centre during daytime on 10 and 14 January 2015 in the reporting month. After checking with Contractor of HY/2009/19, bored piling works were conducted at the concerned location during the recorded period and mitigation measures including erection of temporary noise blanket was implemented by Contractor. As the exceedances were non-continuous, the exceedances were considered to be non-Project related and contributed by nearby IEC traffic.
- 6.1.3 No limit level exceedances were recorded at RTN3-Yue Lee Mo Fan Memorial School during daytime in the reporting month.
- 6.1.4 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

- 6.2.1 One limit level exceedances were recorded at CMA5b- Pedestrian Plaza on 21 January 2015 during 24hr TSP monitoring in the reporting month. Ambient air pollutant concentration was considered as the contribution to air quality impact. As such, the exceedances were concluded as non-project related.

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

- 6.2.2. One action level exceedances were recorded at CMA4a- Pedestrian Plaza on 21 January 2015 during 24hr TSP monitoring in the reporting month. Ambient air pollutant concentration was considered as the contribution to air quality impact. As such, the exceedances were concluded as non-project related.

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

- 6.2.3. 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

- 6.2.4. One action level exceedance was recorded at CMA1b- Oil street site office and one action level exceedance was recorded at CMA2a – Causeway Bay Community Centre on 21 January 2015 during 24hr TSP monitoring in the reporting month. Ambient air pollutant concentration was considered as the contribution to air quality impact. As such, the exceedances were concluded as non-project related.

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

- 6.2.5. One limit level exceedances were recorded at CMA5b- Pedestrian Plaza on 21 January 2015 during 24hr TSP monitoring in the reporting month. Ambient air pollutant concentration was considered as the contribution to air quality impact. As such, the exceedances were concluded as non-project related.

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

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

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

- 6.2.7. 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 non-compliances 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.

7.0 CUMULATIVE CONSTRUCTION IMPACT DUE TO THE CONCURRENT PROJECTS

- 7.0.1. According to Condition 3.4 of the EP-364/2009/C, this section addresses the relevant cumulative construction impact due to the concurrent activities of the current projects including the Central Reclamation Phase III (CRIII), Wan Chai Development Phase II (WDII), Central-WanChai Bypass (CWB), Island Eastern Corridor Link projects (IECL) and Wan Chai Development Phase II – Central – Wan Chai Bypass at Wan Chai East (CWB Tunnel).
- 7.0.2. According to the Final EM&A Report of Central Reclamation Phase III (CRIII) for Contract HK 12/02, the major construction activities were completed by end of January 2014 and no construction activities were undertaken thereafter and the water quality monitoring was completed in October 2011. As such, it is considered that there were no cumulative construction impact due to the concurrent activities of the current projects with the Central Reclamation Phase III (CRIII) undertaken by contractor HK12/02 in the reporting month.
- 7.0.3. According to the construction programme of Central-Wanchai Bypass at Wanchai West at the Central Reclamation Phase III area, Diaphragm wall construction, pipe pile wall construction, removal of rock armour, and socket H piling works were performed in January 2015 reporting month. As no project related exceedance were recorded during the reporting period, cumulative construction impact due to the concurrent activities of the current projects with the Central Reclamation Phase III (CRIII) was considered as insignificant.
- 7.0.4. According to the construction programme of Wan Chai Development Phase II, Central-Wan Chai Bypass and Island Eastern Corridor Link projects, the major construction activities under Wan Chai Development Phase II were marine works at HKCEC areas, tunnel works and Wan Chai Ferry Pier demolition works at Wan Chai East and dredging works at Wan Chai West. The major construction activities under Central-Wan Chai Bypass and Island Eastern Corridor Link Projects were bridge construction and road works at Central Interchange, land base bored piling works and ELS works at Victoria Park, segment launching works and tunnel works at North Point area. Marine-based construction activities were seawall construction and filling works at EX-PCWA and seawall construction and filling works at TS3 at Causeway Bay Typhoon Shelter in the reporting month.
- 7.0.5. No significant air impact from construction activities was anticipated in the reporting month. Besides, no project related exceedance was recorded during the air and noise environmental monitoring events in the reporting month. Thus, it is evaluated that the cumulative construction impact from the concurrent projects including Central Reclamation Phase III (CRIII), Wan Chai Development Phase II (WDII), Central-WanChai Bypass (CWB), Island Eastern Corridor Link projects (IECL) was insignificant.

8.0 ENVIRONMENTAL SITE AUDIT

8.0.1. During this reporting month, weekly environmental site audits were conducted for Contracts no. HY/2009/15, HY/2009/18, HY/2009/19, HK/2012/08, HK/2009/01, HK/2009/02, HY/2010/08 and HY/2011/08. No non-conformance was identified during the site audits. The Contractors rectified major observations and recommendations made during the audit sessions. No non-conformance was identified during the site inspections.

8.0.2. Five 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
150113_1	13-Jan-2015	Wastewater treatment shall be properly connected to prevent direct discharge of untreated water into nearby water (EX-PCWA)	Wastewater treatment unit functioned properly no further direct discharge was observed.	Completion as observed on 20 Jan 2015
150127_1	27-Jan-2015	Provide maintenance and cleaning of the drainage and provide silt trap to prevent contaminated discharge to nearby water. Floating scum shall be cleaned (EX-PCWA)	Maintenance and cleaning of the drainage was provided	Completion as observed on 3 Feb 2015

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. No observation was found in the reporting month.

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

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

Item	Date	Observations	Action taken by Contractor	Outcome
141231_01	31-Dec-14	Drip tray shall be provided for oil container at Stage 2.	Drip tray was provided for oil container at Stage 2.	Completion as observed on 7 Jan 2015.
150107_01	7-Jan-15	Hole of Drip tray shall be covered at Stage 2.	The hole of drip tray was covered at Stage 2.	Completion as observed on 16 Jan 2015.
150122_01	22-Jan-15	Oil Stain on the ground shall be clean and treated at Stage 2.	Oil stain was cleaned at Stage 2.	Completion as observed on 28 Jan 2015.

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
150102_01	2-Jan-15	Drip tray shall be provided for oil containers at WCR2 Portion 2	Drip tray was provided for oil containers at Portion 2	Completion as observed on 8 Jan 2015
150108_01	8-Jan-15	Drip tray shall be provided for oil containers at Portion 3&4	Drip tray was provided for oil containers at Portion 3&4.	Completion as observed on 14 Jan 2015
150114_01	14-Jan-15	Drip tray shall be provided for oil containers.	Drip tray was provided for oil containers	Completion as observed on 21 Jan 2015
150114_02	14-Jan-15	Tarpaulin sheet shall be provided between land and hopper barge to prevent falling down of materials into the sea at Portion 3 & 4	Tarpaulin sheeting was provided for excavated material transfer.	Completion as observed on 21 Jan 2015

8.0.7. Five site inspection for Contract no. HK/2012/08 was carried out during this reporting period. The results of these inspections and outcomes are summarized in **Table 8.7**

Table 8.7 Summary of Environmental Inspections for Contract no. HK/2012/08

Item	Date	Observations	Action taken by Contractor	Outcome
141230_01	30-Dec-14	Drip tray shall be provided for oil container at Portion 2.	Oil container was taken away	Completion as observed on 6 Jan 2015
150106_01	6-Jan-15	Provide drip tray or better storage to oil container	Oil container were placed on a drip tray.	Completion as observed on 13 Jan 2015
150113_01	13-Jan-15	Drip tray shall be provided for oil containers at Portion 2	Oil containers were taken away and disposed at Portion 2.	Completion as observed on 20 Jan 2015
150113_02	13-Jan-15	Breaker shall be covered with acoustic material to mitigate construction noise at Portion 2.	Breaker were covered with acoustic material at Portion 2.	Completion as observed on 20 Jan 2015
150120_01	20-Jan-15	Drip tray shall be provided for oil container at Portion 1A.	Oil container was taken away and disposed at Portion 1A.	Completion as observed on 27 Jan 2015

8.0.8. Four site inspection for Contract no. HY/2010/08 was carried out during this reporting period. The results of these inspections and outcomes are summarized in **Table 8.8**

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

Item	Date	Observations	Action taken by Contractor	Outcome
150109_1	9-Jan-15	Provide three sides and top cover to mixing station (TS3)	Three side and top cover was provided to grouting station	Completion as observed on 5 Feb 2015
150115_1	15-Jan-15	Critically check the condition and integrity of silt curtain and impermeable barrier, any damage section or gap shall be rectified immediately to avoid muddy dispersion in nearby water (TS3)	The condition of the silt curtain and impermeable barrier was improved.	Completion as observed on 22 Jan 2015
150115_2	15-Jan-15	Frame type silt curtain shall be provided to rock placing works for seawall construction to prevent dispersion of particulates (TS3)	Frame type silt curtain was provided	Completion as observed on 22 Jan 2015
150115_3	15-Jan-15	Provide drip trap to chemical containers (TS3)	Chemical waste container have been removed	Completion as observed on 29 Jan 2015
150122_1	22-Jan-15	Drainage facilities shall be provided to prevent direct surface runoff into nearby waters (TS3)	Additional wastewater treatment plant was provided	Completion as observed on 29 Jan 2015

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

9.0 COMPLAINTS, NOTIFICATION OF SUMMONS AND PROSECUTION

- 9.0.1. One environmental complaint was received in the reporting month.
- 9.0.2. A public complaint regarding air quality impact referred by EPD was received by ET on 27 January 2015 (EPD Case Ref.: H05/RS/00001725-15 dated 27 January 2015) and further information from EPD regarding the updated location under complaint was received by ET on 30 January 2015.
- 9.0.3. According to the relevant site records, breaking of seawall blocks and D-wall, concreting, grouting and drilling works and reclamation/ backfilling works were conducted under HY/2009/15 at TPCWAW. Dust mitigation measures including spraying haul road with water, covering bagged cement with tarpaulin, providing three sided and top covering for grouting stations and water spraying to dusty activities such as breaking works were implemented by the Contractor of HY/2009/15 near the concerned location on 21 January 2015.
- 9.0.4. Follow-up investigation was conducted on 27 January 2015 during weekly environmental inspection, dust mitigation measures including water spraying for dusty haul road and major dust generation works; and provision of three sides and top covering for grouting station were confirmed in place. In addition, based on the review of the monitoring data of the monitoring station located at the concerned location raised by the complainant, namely monitoring station CMA3a , no action or limit level exceedance was recorded during air quality monitoring conducted on 20 and 21 January 2015. Nevertheless, the Air Quality Health Index (AQHI) recorded by EPD across Western District and Eastern District on the complaint date was ranged from 4 to 10+ indicating a severely high concentration of ambient air pollutants.
- 9.0.5. As such, the site condition under Contract HY/2009/15 at the concerned location was considered to be generally satisfactory and no non-conformity related to cumulative air quality impact was observed. Nevertheless, in view of the public concern, the contractor was reminded to enhance the dust mitigation measures implemented to minimize potential nuisance to nearby public.
- 9.0.6. According to the relevant site records, trenching grabbing for D-wall construction, shear pin installation and ground investigation drilling works were conducted at the concerned location. Dust mitigation measures including water spraying for haul road, vehicle wheel washing and hard paving for a section of works area nearby public road were implemented by the Contractor of HK/2009/02 near the concerned location on 21 January 2015.
- 9.0.7. Follow-up investigation was conducted on 5 February 2015 during weekly environmental inspection, dust mitigation measures including water spraying for dusty haul road and major dust generation works and provision of wheel washing combine with cleaning of public road were confirmed in place and no dust related impact from the construction works was observed. The Air Quality Health Index (AQHI) recorded by EPD across Western District and Eastern District on 21 January 2015 was ranged from 4 to 10+ indicating a severely high concentration of ambient air pollutants. Based on reviewing relevant impact monitoring data, elevated TSP were recorded at monitoring stations across Wan Chai West area to North

Point area and a non-Project related exceedance was recorded at nearby monitoring station CMA4a (at SPCA) on 21 January 2015 due to ambient air pollutant.

- 9.0.8. In addition, it was noted that a section of the works area at the concerned location was not provided with site hoarding. Based on further review on relevant records it was noted that the works area at concerned section was either hard paved or have to maintain adequate line of sight due to traffic safety consideration. The Contractor of HK/2009/02 was advised to inform EPD with respect to the site constraint and provide relevant updated meeting records on the arrangement for review.
- 9.0.9. In view of the public concern, the contractor of HK/2009/02 has committed to conduct additional cleaning of the concerned public road section once a week to minimize potential nuisance caused to nearby road users. The contractor was also reminded to enhance the dust mitigation measures implemented to minimize potential nuisance to nearby public.
- 9.0.10. The details of cumulative complaint log and updated summary of complaints are presented in **Appendix 9.1**
- 9.0.11. 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
January 2015	1
Sep 2010 – Dec 2014	37
Total	38

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"> • Mined Tunnel drill-and-break works at East and West Portal • Permanent lining structure at Mined Tunnel • Construction of diaphragm wall at TPCWAW 	<ul style="list-style-type: none"> • Dust control during dust generating activities • Provide protection works and adequate drainage system to ensure no direct discharge into public drainage system or the nearby water.
HY/2009/18	<ul style="list-style-type: none"> • Transplanting of trees • Drainage works • Tunnel Structure defect rectifications • Trough structure construction including excavation, concreting and waterproofing and backfill • 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"> • Bored piling (Land) • Demolition of ELS for Cut & Cover Tunnel and EVB • Laying of 1350φ pipe • Pre-bored H-pile for Admin. Building • Construction of Bridge E • Installation of Noise Barrier/enclosure • IECL Road modification and removal of Median Barrier • Construction of TB Bridge • Abutment D12 construction • Saw cut of parapet at IEC East bound • Construction of steel tower for TA2 bridge • Construction of temporary steel tower at F1-F8 	<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"> • Stage 1 tunnel structure and associated works including roadside barrier • Stage 2 ELS works • Stage 2 structure works • Stage 3 ELS works • Installation of 1st layer ELS Stage 3 tunnel structure works • Construction of box culvert • Cooling main laying works at both Expo Drive East outfall and along Fleming Road 	<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"> • Excavation to formation level • Trimming of bored pile head at the formation level. • Blinding layers application and waterproofing • Bulk head wall demolition between Tunnel Portion 1 and Tunnel Portion 2. • D-Wall construction works at the east side. • Capping beam construction between Tunnel Portion 1 and Tunnel Portion 3&4. • Installation of dewatering wells, piezometer and inclinometers. 	<ul style="list-style-type: none"> • Dust control during dust generating works • Provision of protection to ensure no runoff out of site area or direct discharge into public drainage system.
<p>HK/2012/08</p>	<ul style="list-style-type: none"> • Diaphragm wall construction • Installation of dewatering wells • Grouting works 	<ul style="list-style-type: none"> • Dust control during dust generating works • Provide protection works and adequate drainage system to ensure no direct discharge into public drainage system.
<p>HY/2010/08</p>	<ul style="list-style-type: none"> • Tree works within off-site nursery compound, • Tree transplanting & tree felling works, • Drainage improvement works, • Sheet piling works, • Excavation and Lateral Support for U-structure, • Erection of noise absorption sheetings, • Pipe piling & grouting works, • Utility diversion works, • Waterproofing works 	<ul style="list-style-type: none"> • Dust control during dust generating works • Appropriate plants and measures should be taken to ensure adequate protections are provided for trees being transplanted and retained on site.
<p>HY/2011/08</p>	<ul style="list-style-type: none"> • West Ventilation Building structure construction • Install VE panels bracket and thermal barrier for Tunnel • Site preparation for East Vent Shaft 	<ul style="list-style-type: none"> • Dust control during dust generating works

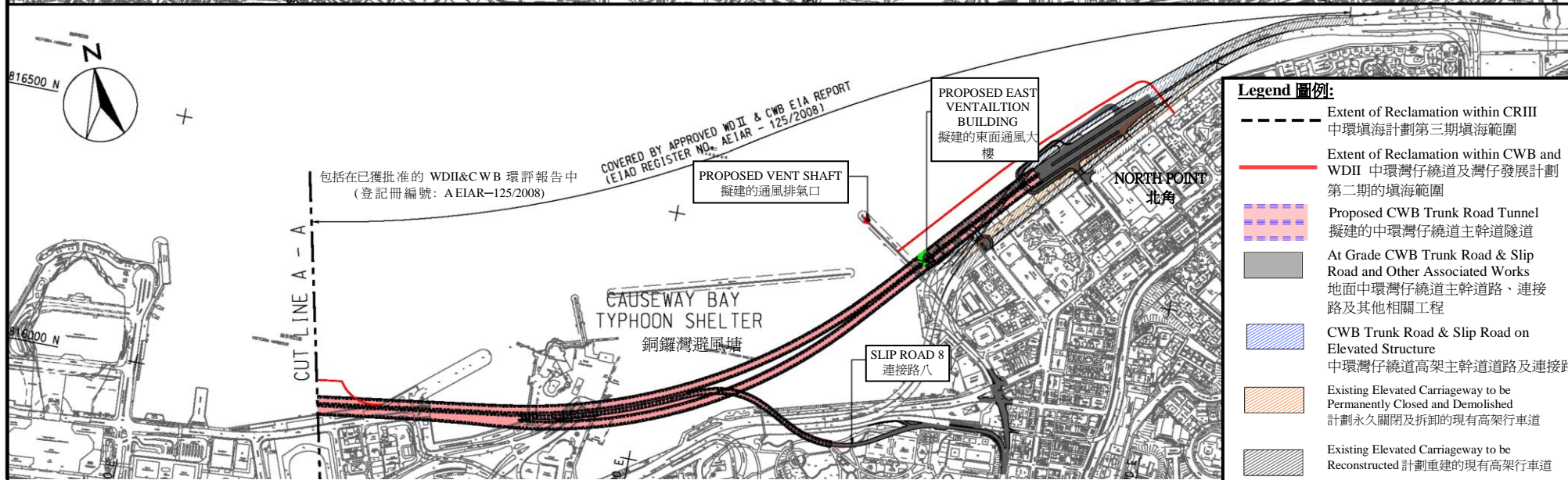
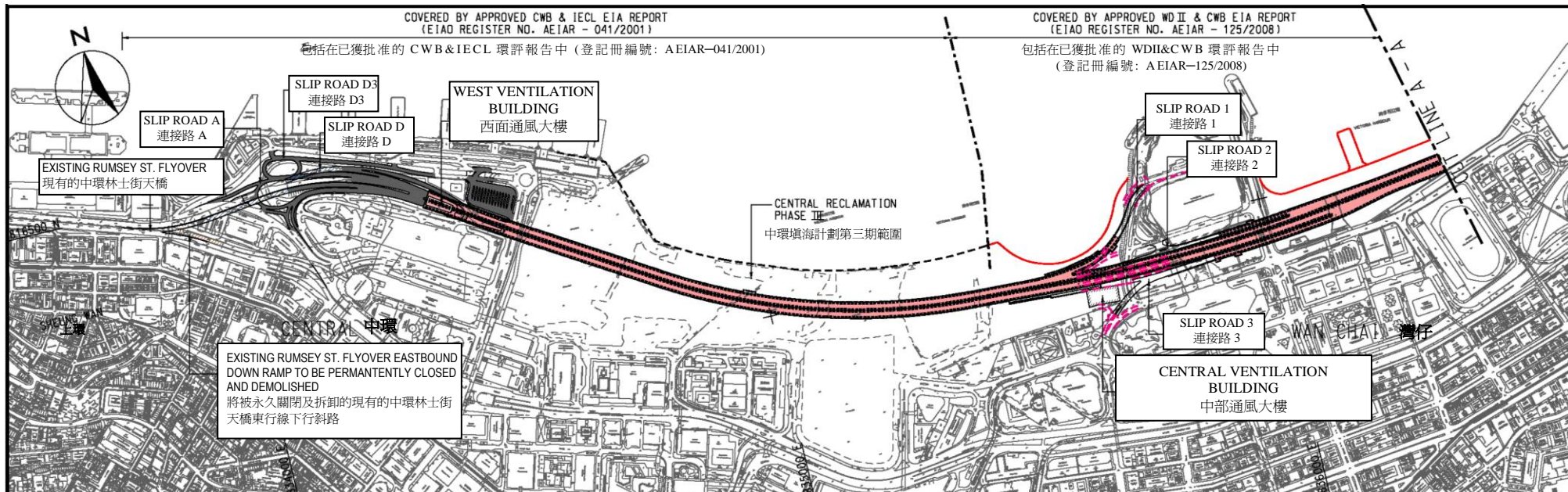


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- 10.0.3. The construction works of Contract no. 04/HY/2006 – Reconstruction of Bus Terminus near Man Yiu Street and Man Kwong Street under FEP-04/364/2009/A was completed, and the FEP was surrendered by the Contractor on 11 February 2011.
- 10.0.4. The construction works of Contract no. HY/2009/17 - Advance piling works at Whitfield Depot under FEP-03/264/2009 was completed, and the FEP was surrendered by the Contractor and found in order by EPD on 25 April 2013.
- 10.0.5. The construction works of Contract HK/2010/06 was completed, and the FEP-08/364/2009/A was surrendered by the Contractor on 3 October 2014.



Figure 2.1

Project Layout

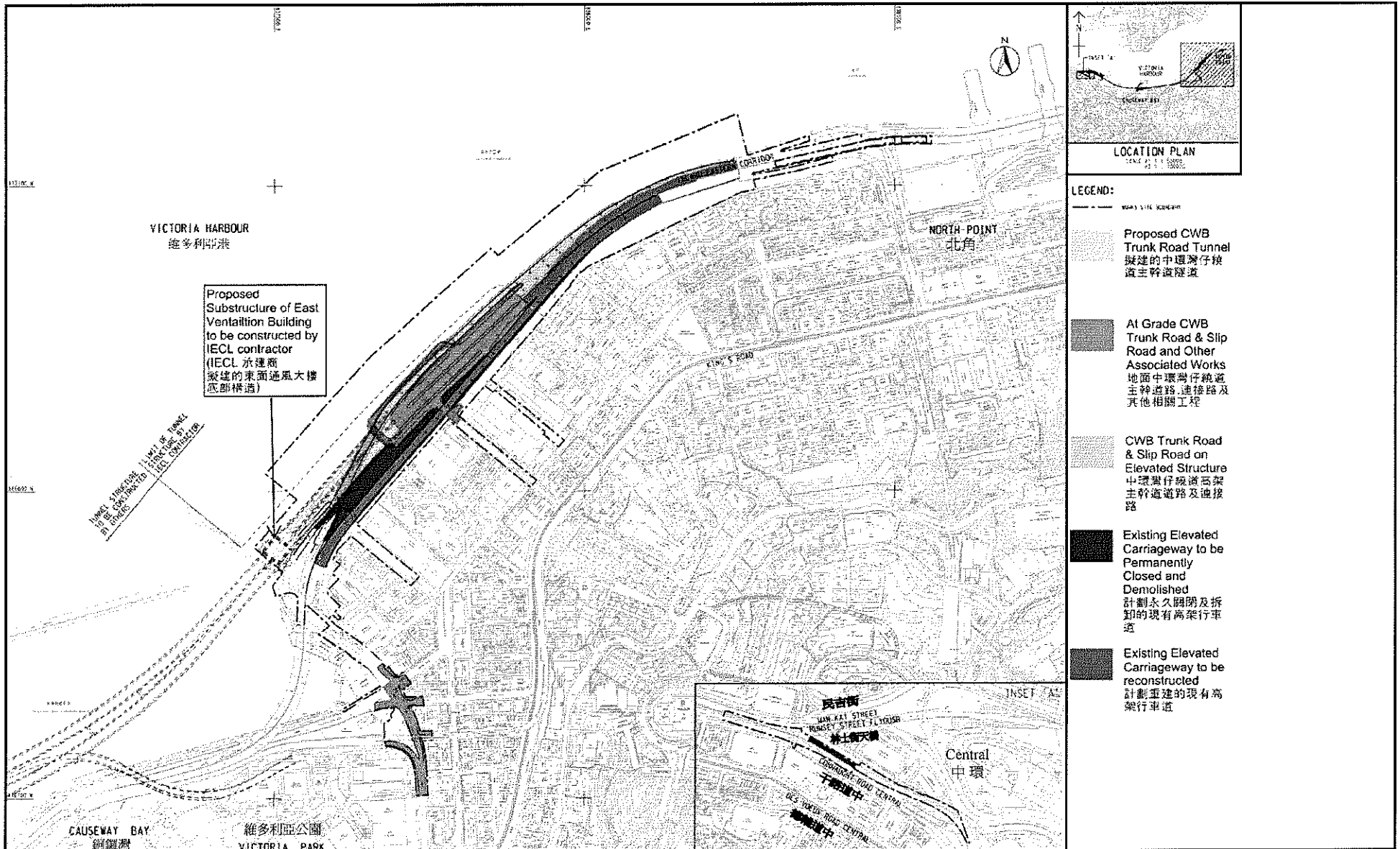


Project Title: Central-Wanchai Bypass (CWB) Including Its Road Tunnel and Slip Roads
 工程項目名稱: 中環灣仔繞道包括其行車隧道及連接路

Environmental Permit No.: EP-364/2009/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

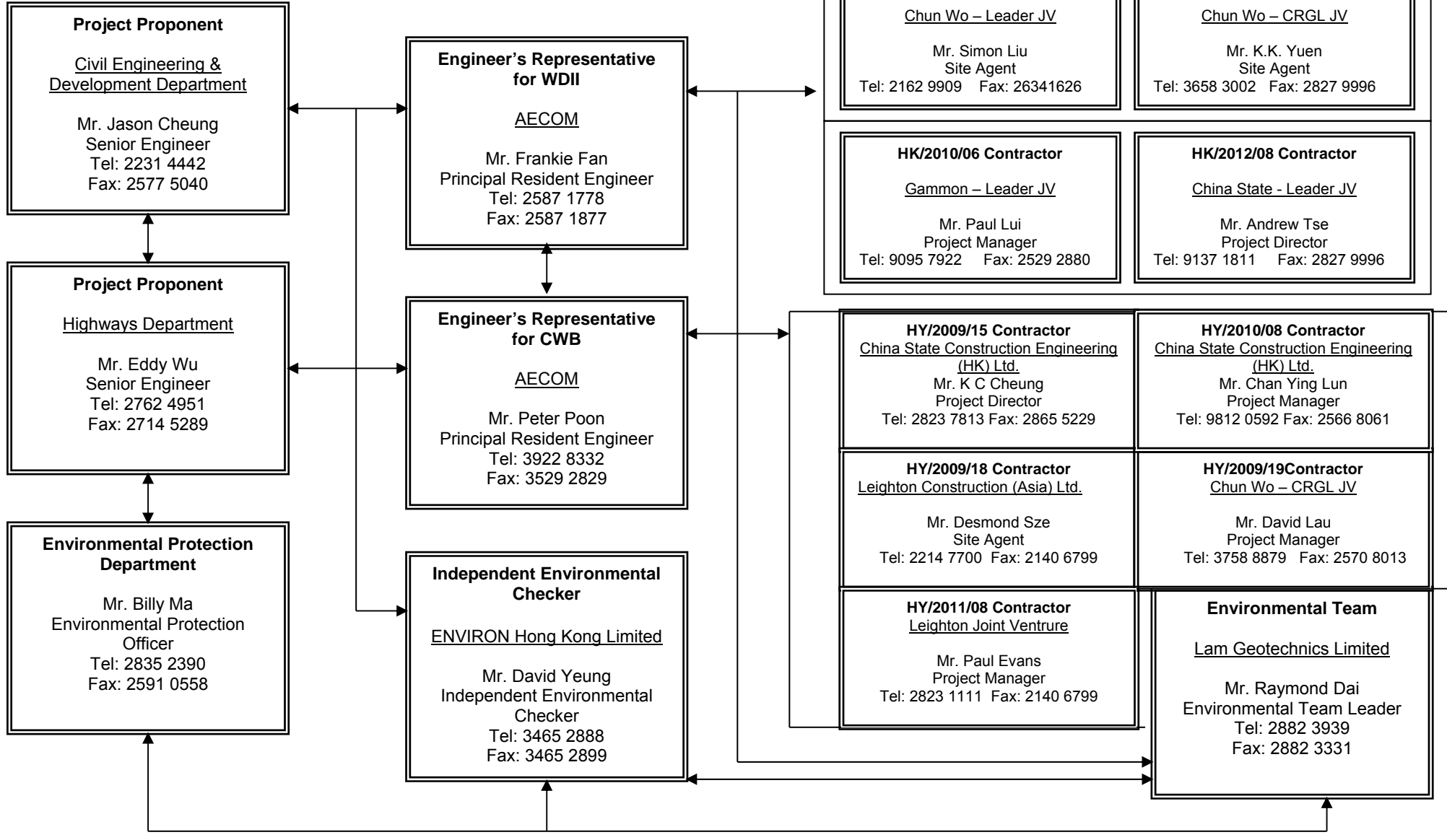
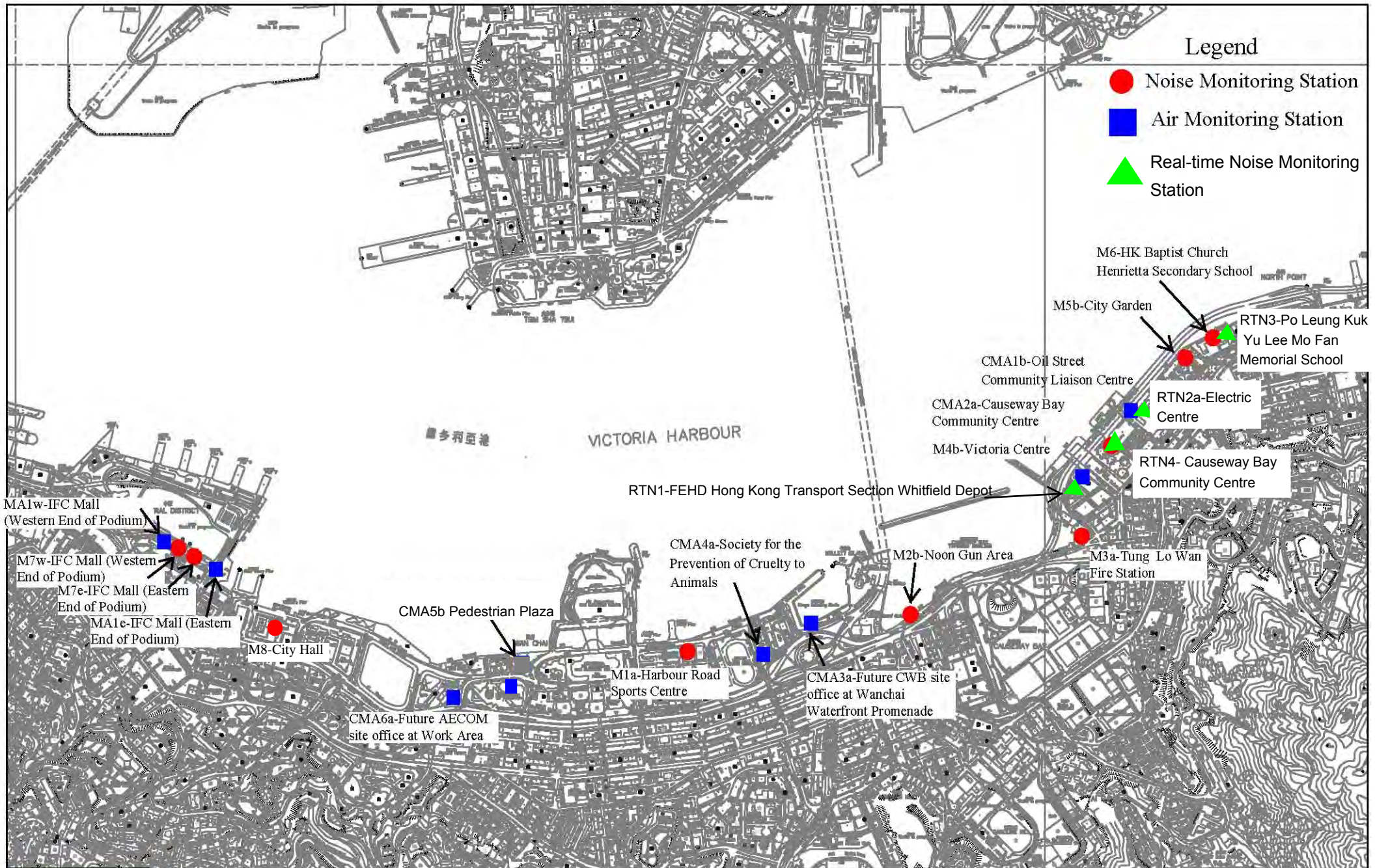




Figure 4.1

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	Floating Refuse 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	Good Site Practices 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



CERTIFICATE OF CALIBRATION

Certificate No.: 14CA1213 01 Page 1 of 2

Item tested

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

Item submitted by

Customer Name: Lam Geotechnics Limited
Address of Customer: -
Request No.: -
Date of receipt: 13-Dec-2014

Date of test: 13-Dec-2014

Reference equipment used in the calibration

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

Ambient conditions

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

Test specifications

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

Test results

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

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

Actual Measurement data are documented on worksheets.

Approved Signatory:


Huang Jian Min/Feng Jun Qi

Date: 15-Dec-2014

Company Chop:



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



CERTIFICATE OF CALIBRATION

(Continuation Page)

Certificate No.: 14CA1213 01 Page 2 of 2

1, Electrical Tests

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

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

2, Acoustic tests

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

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

3, Response to associated sound calibrator

N/A

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

- End -

Calibrated by:		Checked by:	
Date:	Fung Chi Yip 13-Dec-2014	Date:	Lam Tze Wai 15-Dec-2014

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



CERTIFICATE OF CALIBRATION

Certificate No.: 14CA0529 01-02

Page: 1 of 2

Item tested

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

Item submitted by

Customer: Lam Geotechnics Limited
Address of Customer: -
Request No.: -
Date of receipt: 29-May-2014

Date of test: 30-May-2014

Reference equipment used in the calibration

Description:	Model:	Serial No.	Expiry Date:	Traceable to:
Lab standard microphone	B&K 4180	2412857	13-May-2015	SCL
Preamplifier	B&K 2673	2239857	10-Apr-2015	CEPREI
Measuring amplifier	B&K 2610	2346941	08-Apr-2015	CEPREI
Signal generator	DS 360	61227	09-Apr-2015	CEPREI
Digital multi-meter	34401A	US36087050	17-Dec-2014	CEPREI
Audio analyzer	8903B	GB41300350	07-Apr-2015	CEPREI
Universal counter	53132A	MY40003662	11-Apr-2015	CEPREI

Ambient conditions

Temperature: 22 ± 1 °C
Relative humidity: 60 ± 10 %
Air pressure: 1000 ± 10 hPa

Test specifications

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

Test results

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

Approved Signatory:


Huang Jian Min/Feng Jun Qi

Date: 30-May-2014

Company Chop:



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



CERTIFICATE OF CALIBRATION

(Continuation Page)

Certificate No.: 14CA0529 01-02

Page: 2 of 2

1, Measured Sound Pressure Level

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

Frequency Shown Hz	Output Sound Pressure Level Setting dB	Measured Output Sound Pressure Level dB	(Output level in dB re 20 μ Pa)
			Estimated Expanded Uncertainty dB
1000	94.00	94.57	0.10

2, Sound Pressure Level Stability - Short Term Fluctuations

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

At 1000 Hz **STF = 0.001 dB**
Estimated expanded uncertainty 0.005 dB

3, Actual Output Frequency

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

At 1000 Hz **Actual Frequency = 965.6 Hz**
Estimated expanded uncertainty 0.1 Hz Coverage factor k = 2.2

4, Total Noise and Distortion

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

At 1000 Hz **TND = 0.9 %**
Estimated expanded uncertainty 0.7 %

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

Calibrated by:

Date: 30-May-2014

Fung Chi Yip

- End -

Checked by:

Date: 30-May-2014

Lam Tze Wai

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



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

ORIFICE TRANSFER STANDARD CERTIFICATION WORKSHEET TE-5025A

Date - Jul 14, 2014 Rootsmeter S/N 0438320 Ta (K) - 298
 Operator Tisch Orifice I.D. - 0005 Pa (mm) - 749.3

PLATE OR Run #	VOLUME START (m3)	VOLUME STOP (m3)	DIFF VOLUME (m3)	DIFF TIME (min)	METER DIFF Hg (mm)	ORFICE DIFF H2O (in.)
1	NA	NA	1.00	1.3870	3.2	2.00
2	NA	NA	1.00	0.9830	6.4	4.00
3	NA	NA	1.00	0.8760	7.9	5.00
4	NA	NA	1.00	0.8340	8.8	5.50
5	NA	NA	1.00	0.6860	12.7	8.00

DATA TABULATION

Vstd	(x axis) Qstd	(y axis)	Va	(x axis) Qa	(y axis)
0.9817	0.7078	1.4042	0.9957	0.7179	0.8919
0.9775	0.9944	1.9859	0.9915	1.0086	1.2613
0.9754	1.1135	2.2203	0.9894	1.1294	1.4101
0.9743	1.1683	2.3286	0.9882	1.1849	1.4790
0.9692	1.4128	2.8084	0.9830	1.4330	1.7837
Qstd slope (m) = 1.99175			Qa slope (m) = 1.24720		
intercept (b) = -0.00041			intercept (b) = -0.00026		
coefficient (r) = 0.99991			coefficient (r) = 0.99991		
y axis = SQRT[H2O(Pa/760) (298/Ta)]			y axis = SQRT[H2O(Ta/Pa)]		

CALCULATIONS

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

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

For subsequent flow rate calculations:

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



Lam Geotechnics Limited

Calibration Data for High Volume Sampler (TSP Sampler)

Location : CMA1b
 Equipment no. : EL452
 Calibration Date : 18-Dec-14
 Calibration Due Date : 18-Feb-15

CALIBRATION OF CONTINUOUS FLOW RECORDER

Ambient Condition			
Temperature, T _a	287	Kelvin	Pressure, P _a
			1026 mmHg

Orifice Transfer Standard Information					
Equipment No.	EL086	Slope, m _c	1.99175	Intercept, b _c	-0.00041
Last Calibration Date	14-Jul-14	$(H \times P_a / 1013.3 \times 298 / T_a)^{1/2}$ $= m_c \times Q_{std} + b_c$			
Next Calibration Date	14-Jul-15				

Calibration of TSP						
Calibration Point	Manometer Reading			Q _{std} (m ³ / min.) X-axis	Continuous Flow Recorder, W (CFM)	IC (W(P _a /1013.3x298/T _a) ^{1/2} /35.31) Y-axis
	(up)	(down)	(difference)			
1	6.2	6.2	12.4	1.8130	65	66.6477
2	4.5	4.5	9.0	1.5446	55	56.3942
3	3.9	3.9	7.8	1.4380	50	51.2675
4	2.5	2.5	5.0	1.1513	42	43.0647
5	1.4	1.4	2.8	0.8616	31	31.7858

By Linear Regression of Y on X

Slope, m = 36.0094 Intercept, b = 0.7978

Correlation Coefficient* = 0.9981

Calibration Accepted = Yes/No**

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

** Delete as appropriate.

Remarks : _____

Calibrated by : Henry Lau Checked by : Derek Lo
 Date : 18-Dec-14 Date : 18-Dec-14



Lam Geotechnics Limited

Calibration Data for High Volume Sampler (TSP Sampler)

Location : CMA2a
 Equipment no. : EL449

Calibration Date : 18-Dec-14
 Calibration Due Date : 18-Feb-15

CALIBRATION OF CONTINUOUS FLOW RECORDER

Ambient Condition			
Temperature, T _a	287	Kelvin	Pressure, P _a
			1026 mmHg

Orifice Transfer Standard Information				
Equipment No.	EL086	Slope, m _c	1.99175	Intercept, b _c
				-0.00041
Last Calibration Date	14-Jul-14	$(H \times P_a / 1013.3 \times 298 / T_a)^{1/2}$ $= m_c \times Q_{std} + b_c$		
Next Calibration Date	14-Jul-15			

Calibration of TSP						
Calibration Point	Manometer Reading			Q _{std} (m ³ / min.) X-axis	Continuous Flow Recorder, W (CFM)	IC (W(P _a /1013.3x298/T _a) ^{1/2} /35.31) Y-axis
	(up)	(down)	(difference)			
1	6.1	6.1	12.2	1.7983	62	63.5717
2	4.9	4.9	9.8	1.6118	55	56.3942
3	3.7	3.7	7.4	1.4006	49	50.2421
4	2.3	2.3	4.6	1.1043	40	41.0140
5	1.2	1.2	2.4	0.7977	32	32.8112

By Linear Regression of Y on X

Slope, m = 30.4893 Intercept, b = 7.8731
 Correlation Coefficient* = 0.9984
 Calibration Accepted = Yes/No**

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

** Delete as appropriate.

Remarks : _____

Calibrated by : Henry Lau
 Date : 18-Dec-14

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



Lam Geotechnics Limited

Calibration Data for High Volume Sampler (TSP Sampler)

Location : CMA3a
 Equipment no. : EL333

Calibration Date : 18-Dec-14
 Calibration Due Date : 18-Feb-15

CALIBRATION OF CONTINUOUS FLOW RECORDER

Ambient Condition			
Temperature, T _a	287	Kelvin	Pressure, P _a
			1026 mmHg

Orifice Transfer Standard Information					
Equipment No.	EL086	Slope, m _c	1.99175	Intercept, b _c	-0.00041
Last Calibration Date	14-Jul-14	$(H \times P_a / 1013.3 \times 298 / T_a)^{1/2}$ $= m_c \times Q_{std} + b_c$			
Next Calibration Date	14-Jul-15				

Calibration of TSP						
Calibration Point	Manometer Reading			Q _{std} (m ³ / min.) X-axis	Continuous Flow Recorder, W (CFM)	IC (W(P _a /1013.3x298/T _a) ^{1/2} /35.31) Y-axis
	(up)	(down)	(difference)			
1	5.5	5.5	11.0	1.7076	56	57.4196
2	4.3	4.3	8.6	1.5099	47	48.1914
3	3.2	3.2	6.4	1.3026	44	45.1154
4	2.5	2.5	5.0	1.1513	38	38.9633
5	1.2	1.2	2.4	0.7977	25	25.6337

By Linear Regression of Y on X

Slope, m = 33.6450 Intercept, b = -0.4658
 Correlation Coefficient* = 0.9920
 Calibration Accepted = Yes/No**

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

** Delete as appropriate.

Remarks : _____

Calibrated by : Henry Lau
 Date : 18-Dec-14

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



Lam Geotechnics Limited

Calibration Data for High Volume Sampler (TSP Sampler)

Location : CMA4a Calibration Date : 18-Dec-14
 Equipment no. : EL390 Calibration Due Date : 18-Feb-15

CALIBRATION OF CONTINUOUS FLOW RECORDER

Ambient Condition			
Temperature, T _a	287	Kelvin	Pressure, P _a
			1026 mmHg

Orifice Transfer Standard Information					
Equipment No.	EL086	Slope, m _c	1.99175	Intercept, b _c	-0.00041
Last Calibration Date	14-Jul-14	$(H \times P_a / 1013.3 \times 298 / T_a)^{1/2}$ $= m_c \times Q_{std} + b_c$			
Next Calibration Date	14-Jul-15				

Calibration of TSP						
Calibration Point	Manometer Reading H (inches of water)			Q _{std} (m ³ / min.) X-axis	Continuous Flow Recorder, W (CFM)	IC (W(P _a /1013.3x298/T _a) ^{1/2} /35.31) Y-axis
	(up)	(down)	(difference)			
1	6.0	6.0	12.0	1.7835	65	66.6477
2	4.7	4.7	9.4	1.5785	52	53.3182
3	3.5	3.5	7.0	1.3622	45	46.1407
4	2.2	2.2	4.4	1.0801	32	32.8112
5	1.4	1.4	2.8	0.8616	27	27.6844

By Linear Regression of Y on X

Slope, m = 41.9297 Intercept, b = -10.5801
 Correlation Coefficient* = 0.9901
 Calibration Accepted = Yes/No**

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

** Delete as appropriate.

Remarks : _____

Calibrated by : Henry Lau Checked by : Derek Lo
 Date : 18-Dec-14 Date : 18-Dec-14



Lam Geotechnics Limited

Calibration Data for High Volume Sampler (TSP Sampler)

Location : CMA5b Calibration Date : 04-Dec-14
 Equipment no. : EL222 Calibration Due Date : 04-Feb-15

CALIBRATION OF CONTINUOUS FLOW RECORDER

Ambient Condition			
Temperature, T _a	288	Kelvin	Pressure, P _a
			1021 mmHg

Orifice Transfer Standard Information					
Equipment No.	EL086	Slope, m _c	1.99175	Intercept, b _c	-0.00041
Last Calibration Date	14-Jul-14	$(H \times P_a / 1013.3 \times 298 / T_a)^{1/2}$ $= m_c \times Q_{std} + b_c$			
Next Calibration Date	14-Jul-15				

Calibration of TSP						
Calibration Point	Manometer Reading			Q _{std} (m ³ / min.) X-axis	Continuous Flow Recorder, W (CFM)	IC (W(P _a /1013.3x298/T _a) ^{1/2} /35.31) Y-axis
	(up)	(down)	(difference)			
1	5.8	5.8	11.6	1.7462	60	61.2642
2	4.6	4.6	9.2	1.5552	54	55.1378
3	3.5	3.5	7.0	1.3566	48	49.0114
4	2.3	2.3	4.6	1.0997	41	41.8639
5	1.4	1.4	2.8	0.8580	34	34.7164

By Linear Regression of Y on X						
Slope, m	=	29.6907	Intercept, b	=	9.1139	
Correlation Coefficient*	=	0.9997				
Calibration Accepted	=	Yes/No**				

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

** Delete as appropriate.

Remarks : _____

Calibrated by : Henry Lau Checked by : Derek Lo
 Date : 04-Dec-14 Date : 04-Dec-14



Lam Geotechnics Limited

Calibration Data for High Volume Sampler (TSP Sampler)

Location : MA1e Calibration Date : 18-Dec-14
 Equipment no. : EL455 Calibration Due Date : 18-Feb-15

CALIBRATION OF CONTINUOUS FLOW RECORDER

Ambient Condition			
Temperature, T _a	287	Kelvin	Pressure, P _a
			1026 mmHg

Orifice Transfer Standard Information			
Equipment No.	EL086	Slope, m _c	1.99175
		Intercept, b _c	-0.00041
Last Calibration Date	14-Jul-14	$\left(H \times P_a / 1013.3 \times 298 / T_a \right)^{1/2}$ $= m_c \times Q_{std} + b_c$	
Next Calibration Date	14-Jul-15		

Calibration of TSP						
Calibration Point	Manometer Reading			Q _{std} (m ³ / min.) X-axis	Continuous Flow Recorder, W (CFM)	IC (W(P _a /1013.3x298/T _a) ^{1/2} /35.31) Y-axis
	(up)	(down)	(difference)			
1	6.5	6.5	13.0	1.8563	64	65.6224
2	5.0	5.0	10.0	1.6281	53	54.3435
3	4.3	4.3	8.6	1.5099	47	48.1914
4	2.7	2.7	5.4	1.1965	32	32.8112
5	1.2	1.2	2.4	0.7977	20	20.5070

By Linear Regression of Y on X

Slope, m = 43.0414 Intercept, b = -15.8646
 Correlation Coefficient* = 0.9939
 Calibration Accepted = Yes/No**

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

** Delete as appropriate.

Remarks : _____

Calibrated by : Henry Lau Checked by : Derek Lo
 Date : 18-Dec-14 Date : 18-Dec-14



Lam Geotechnics Limited

Calibration Data for High Volume Sampler (TSP Sampler)

Location : MA1w Calibration Date : 18-Dec-14
 Equipment no. : EL080 Calibration Due Date : 18-Feb-15

CALIBRATION OF CONTINUOUS FLOW RECORDER

Ambient Condition			
Temperature, T _a	287	Kelvin	Pressure, P _a
			1026 mmHg

Orifice Transfer Standard Information					
Equipment No.	EL086	Slope, m _c	1.99175	Intercept, b _c	-0.00041
Last Calibration Date	14-Jul-14	$\left(H \times P_a / 1013.3 \times 298 / T_a \right)^{1/2}$ $= m_c \times Q_{std} + b_c$			
Next Calibration Date	14-Jul-15				

Calibration of TSP						
Calibration Point	Manometer Reading			Q _{std} (m ³ / min.) X-axis	Continuous Flow Recorder, W (CFM)	IC (W(P _a /1013.3x298/T _a) ^{1/2} /35.31) Y-axis
	(up)	(down)	(difference)			
1	5.9	5.9	11.8	1.7686	56	57.4196
2	4.6	4.6	9.2	1.5617	45	46.1407
3	3.8	3.8	7.6	1.4194	38	38.9633
4	2.6	2.6	5.2	1.1741	27	27.6844
5	1.7	1.7	3.4	0.9494	19	19.4816

By Linear Regression of Y on X

Slope, m = 46.3683 Intercept, b = -25.8022
 Correlation Coefficient* = 0.9970
 Calibration Accepted = Yes/No**

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

** Delete as appropriate.

Remarks : _____

Calibrated by : Henry Lau Checked by : Derek Lo
 Date : 18-Dec-14 Date : 18-Dec-14



Appendix 5.1

Monitoring Schedules for Reporting Month and Coming Reporting Month

Contract No. HK/2011/07
Wan Chai Development Phase II and Central-Wan Chai Bypass
Sampling, Field Measurement and Testing Works (Stage 2)
Environmental Monitoring Schedule
January 2015

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

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

Tentative Environmental Monitoring Schedule
 February 2015

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



Appendix 5.2

Noise Monitoring Results and Graphical Presentations



Noise Monitoring Result

Day Time (0700 - 1900hrs on normal weekdays)

Location: M1a - Harbour Road Sports Centre

Date	Time	Weather	Measurement Noise Level			Baseline Level	Construction Noise Level	Limit Level
			Leq	L10	L90	Leq	Leq	Leq
Unit: dB(A), (30-min)								
29/12/14	9:50	Fine	72.1	74.5	67.0	72	72	75
05/01/15	13:35	Fine	72.2	74.5	67.5	72	72	75
13/01/15	13:55	Cloudy	71.7	74.0	67.0	72	72	75
20/01/15	9:53	Fine	73.4	76.0	68.5	72	67	75
26/01/15	13:50	Fine	73.7	76.5	69.5	72	68	75

Location: M2b - Noon-day gun area

Date	Time	Weather	Measurement Noise Level			Baseline Level	Construction Noise Level	Limit Level
			Leq	L10	L90	Leq	Leq	Leq
Unit: dB(A), (30-min)								
29/12/14	10:45	Fine	69.9	72.0	66.0	68	66	75
05/01/15	14:18	Fine	67.1	68.0	64.5	68	67	75
13/01/15	14:37	Cloudy	68.9	70.0	67.0	68	63	75
20/01/15	10:40	Fine	68.9	70.5	66.5	68	63	75
26/01/15	14:35	Fine	70.6	73.5	66.5	68	68	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)								
29/12/14	14:30	Fine	64.3	65.5	62.0	69	64	75
05/01/15	15:00	Fine	65.2	66.0	62.5	69	65	75
13/01/15	15:17	Cloudy	66.0	67.5	63.5	69	66	75
20/01/15	13:48	Fine	64.6	66.0	62.0	69	65	75
27/01/15	14:25	Fine	67.0	67.5	62.5	69	67	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)								
29/12/14	15:10	Fine	66.6	68.0	64.0	67	67	75
05/01/15	15:40	Fine	67.3	69.0	64.0	67	67	75
13/01/15	15:57	Cloudy	69.2	70.5	66.5	67	65	75
20/01/15	14:28	Fine	66.4	67.5	63.5	67	66	75
27/01/15	15:06	Fine	66.8	67.5	63.5	67	67	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)								
29/12/14	15:50	Fine	66.8	68.0	64.5	68	67	75
06/01/15	13:50	Fine	68.9	70.0	67.0	68	62	75
14/01/15	13:20	Fine	69.7	71.0	66.0	68	65	75
20/01/15	15:08	Fine	69.1	71.0	65.5	68	63	75
27/01/15	15:48	Fine	68.9	69.5	65.0	68	62	75

Location: M6 - HK Baptist Church Henrietta Secondary School

Date	Time	Weather	Measurement Noise Level			Baseline Level	Construction Noise Level	Limit Level
			Leq	L10	L90	Leq	Leq	Leq
Unit: dB(A), (30-min)								
30/12/14	15:45	Cloudy	73.4	74.5	71.0	71	70	70
06/01/15	14:30	Fine	73.2	74.5	71.5	71	70	70
14/01/15	14:05	Fine	73.2	74.5	71.0	71	70	70
20/01/15	15:52	Fine	72.8	74.0	70.5	71	69	70
27/01/15	16:25	Fine	72.5	73.5	70.5	71	68	70



Noise Monitoring Result

Day Time (0700 - 1900hrs on normal weekdays)

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

Date	Time	Weather	Measurement Noise Level			Baseline Level	Construction Noise Level	Limit Level
			Leq	L10	L90	Leq	Leq	Leq
Unit: dB(A), (30-min)								
30/12/14	8:38	Fine	67.7	70.0	64.5	67	60	N/A
06/01/15	10:27	Fine	65.5	67.0	62.5	67	66	N/A
12/01/15	14:35	Cloudy	68.6	71.0	65.5	67	64	N/A
19/01/15	11:10	Fine	66.2	68.0	63.0	67	66	N/A
26/01/15	10:21	Fine	68.8	70.5	65.5	67	64	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)								
30/12/14	9:40	Fine	66.6	68.5	63.5	69	67	75
06/01/15	10:55	Fine	68.1	70.0	65.0	69	68	75
12/01/15	13:55	Cloudy	65.3	66.5	63.0	69	65	75
19/01/15	10:30	Fine	65.7	67.0	62.5	69	66	75
26/01/15	10:55	Fine	65.8	67.0	63.5	69	66	75

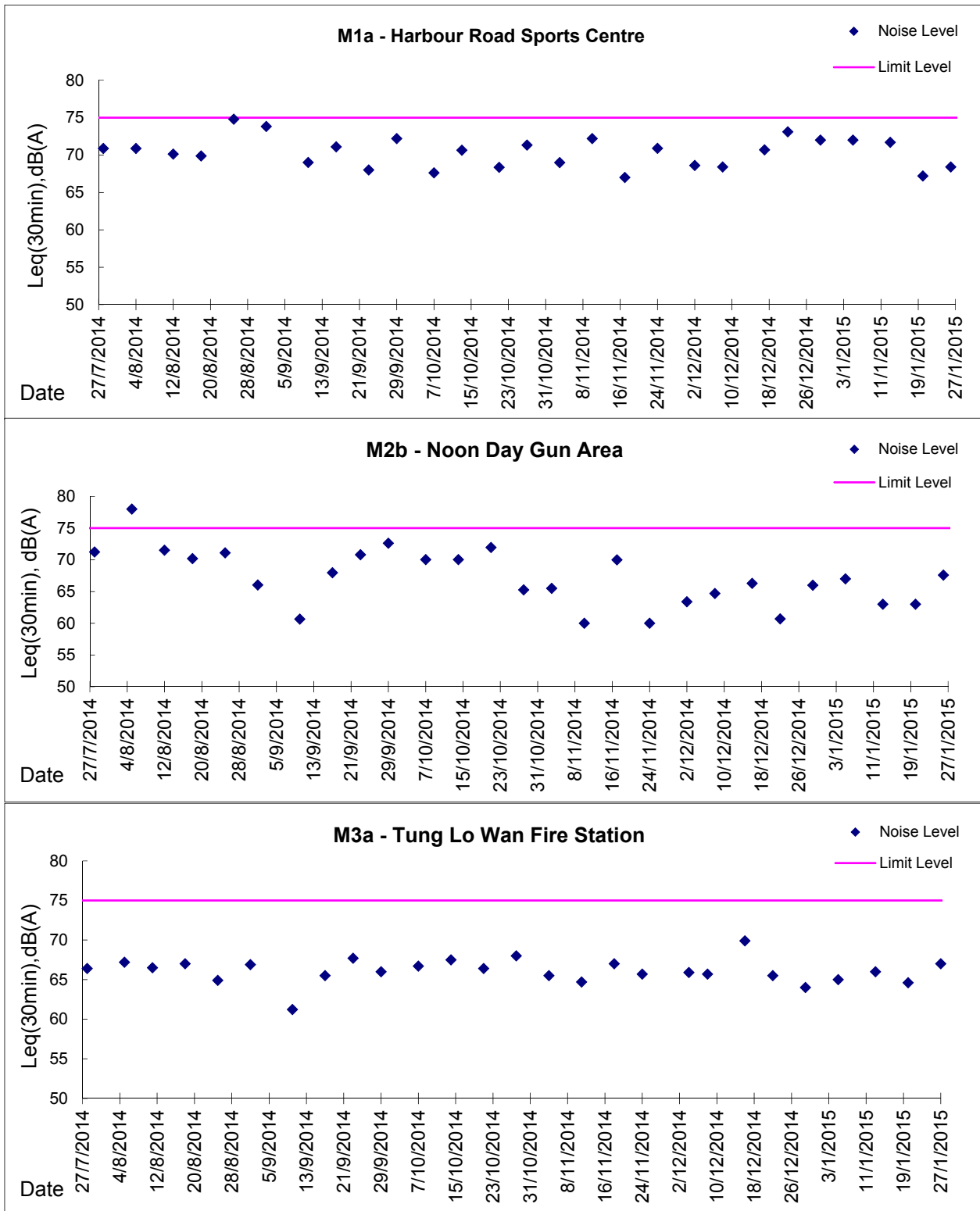
Location: M8 - City Hall

Date	Time	Weather	Measurement Noise Level			Baseline Level	Construction Noise Level	Limit Level
			Leq	L10	L90	Leq	Leq	Leq
Unit: dB(A), (30-min)								
30/12/14	10:45	Fine	60.1	62.5	56.0	64	60	70
06/01/15	15:35	Fine	65.1	67.5	59.5	64	59	70
12/01/15	15:30	Cloudy	61.3	63.0	58.0	64	61	70
19/01/15	13:45	Fine	63.9	64.5	57.5	64	64	70
26/01/15	9:41	Fine	61.3	63.0	56.0	64	61	70



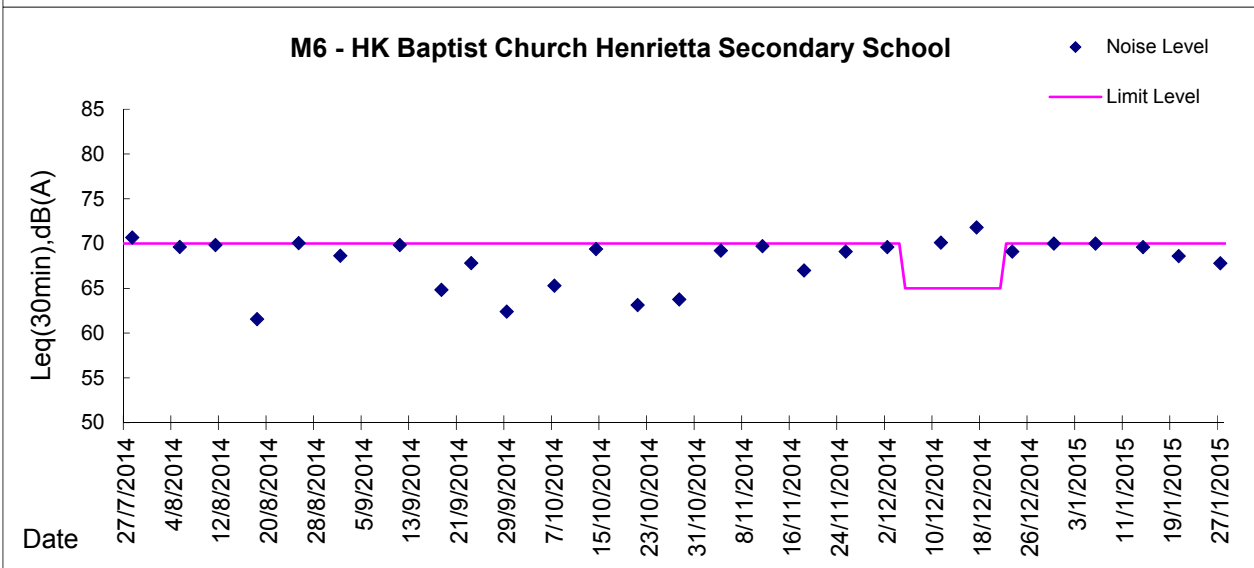
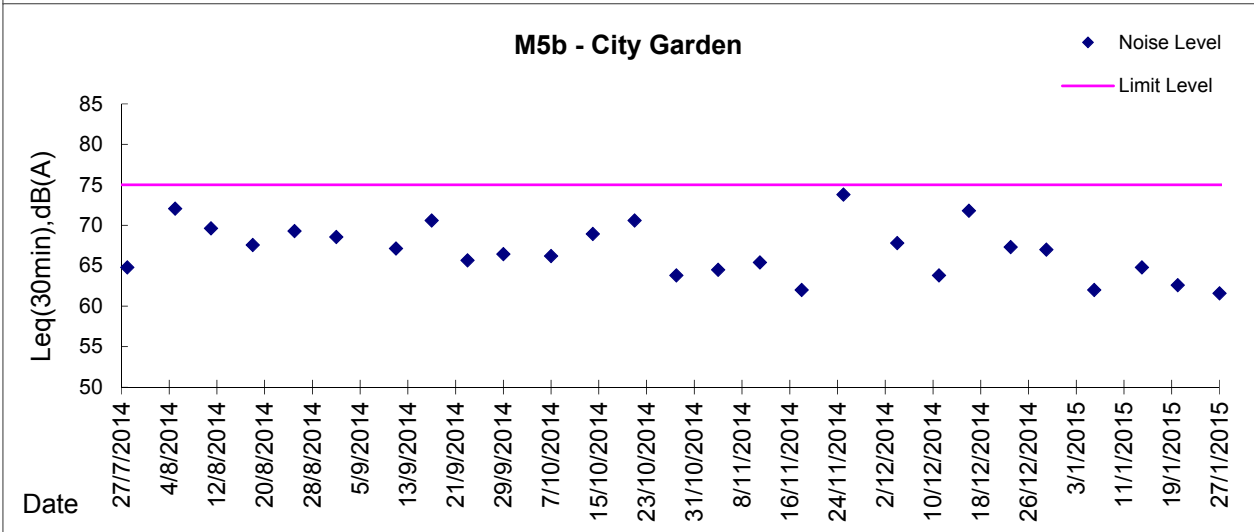
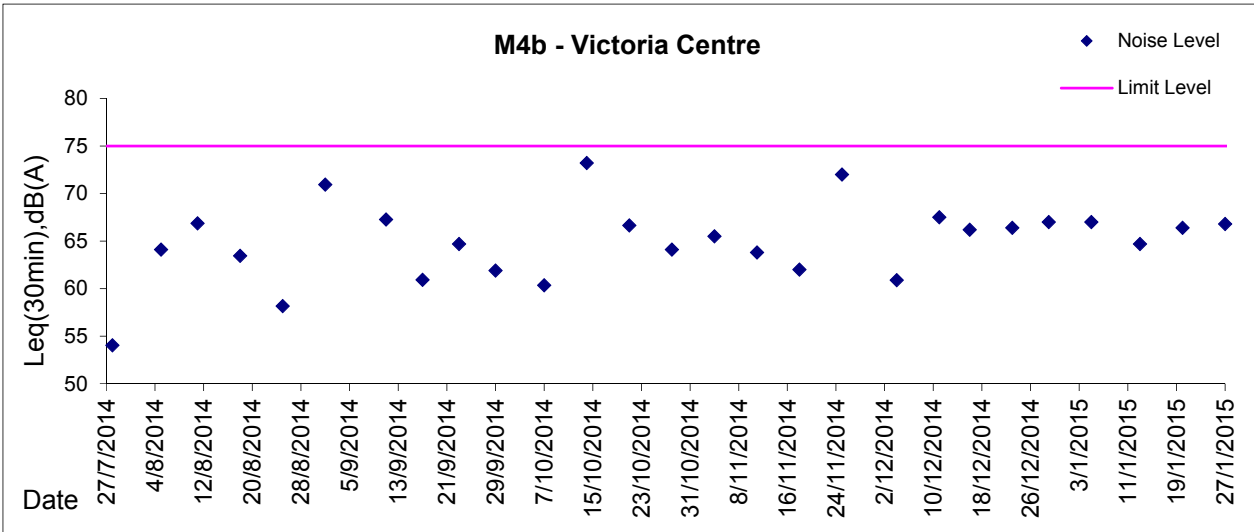
Graphic Presentation of Noise Monitoring Result

Day Time (0700 - 1900hrs on normal weekdays)



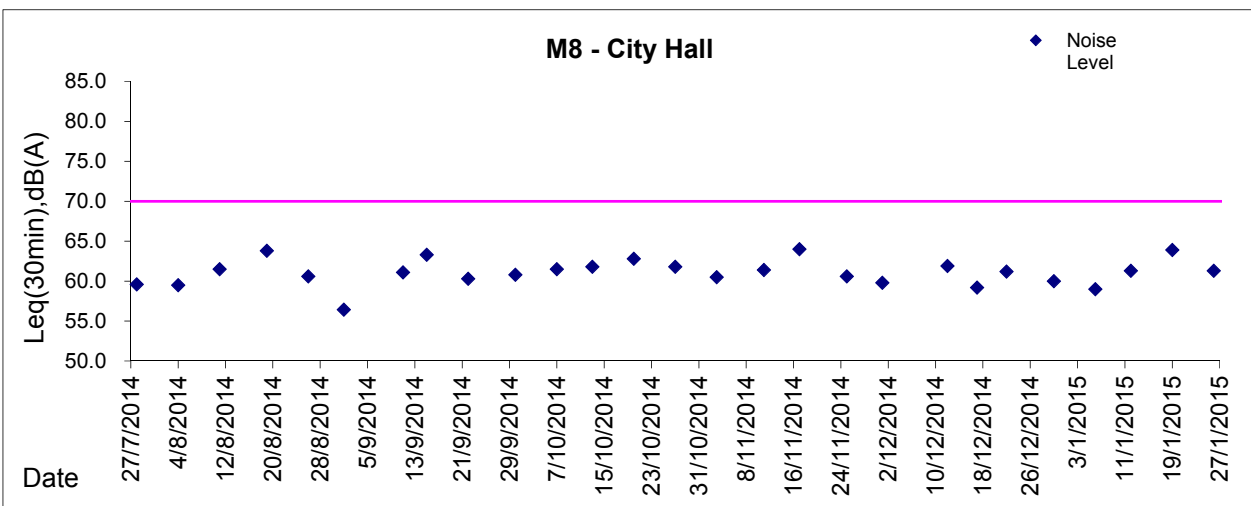
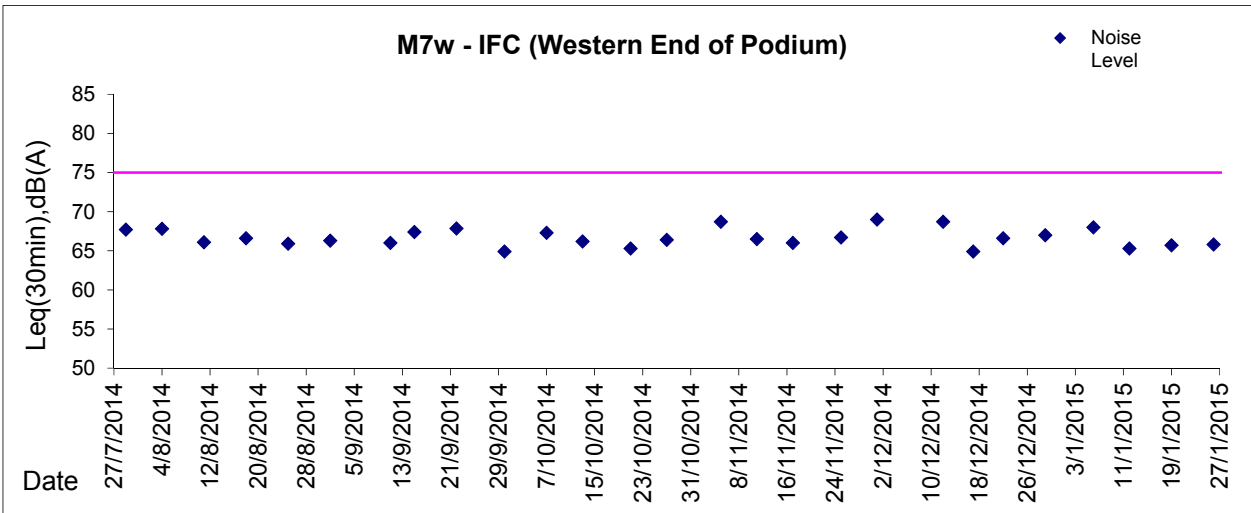
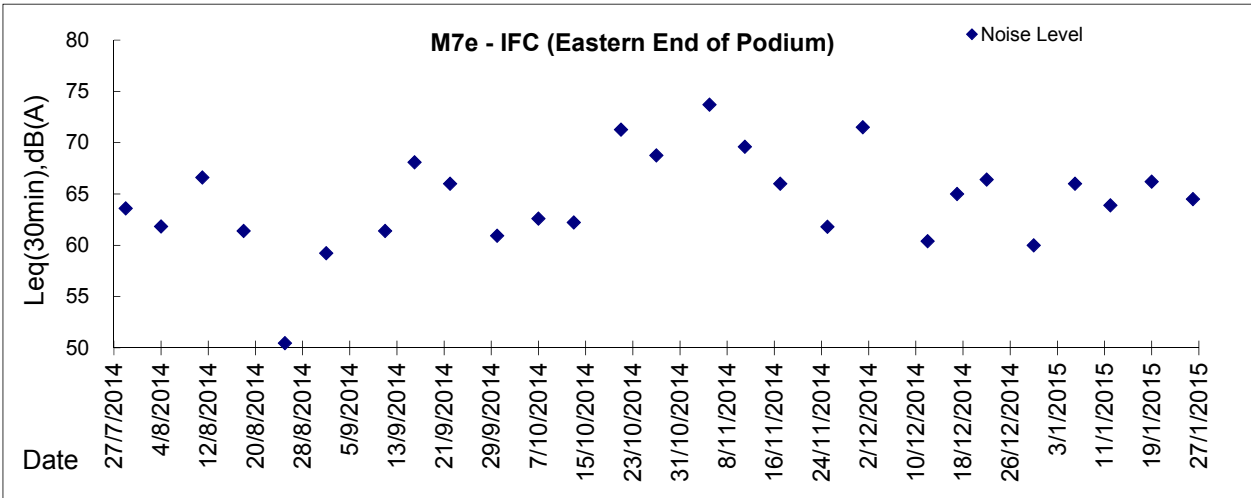


Graphic Presentation of Noise Monitoring Result
Day Time (0700 - 1900hrs on normal weekdays)





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		
29-Dec-14	8:00	Fine	010408	2.7607	2.8757	5650.47	5674.47	24.00	1.01	1.01	1.01	1457	78.9
3-Jan-15	8:00	Fine	010912	2.7728	2.9302	5677.47	5701.47	24.00	1.01	1.01	1.01	1452	108.0
9-Jan-15	8:00	Fine	010921	2.7352	2.9567	5704.47	5728.47	24.00	1.09	1.09	1.09	1574	140.7
15-Jan-15	8:00	Fine	010936	2.7486	2.9073	5731.47	5755.47	24.00	1.07	1.06	1.06	1533	103.5
21-Jan-15	8:00	Fine	010996	2.7584	3.1389	5758.47	5782.47	24.00	1.09	1.09	1.09	1569	242.5
27-Jan-15	8:00	Cloudy	010843	2.7644	2.9397	5785.47	5809.47	24.00	1.11	1.12	1.11	1605	109.2

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		
30-Dec-14	8:12	Fine	010411	2.7782	2.7838	5674.47	5675.47	1.00	1.07	1.07	1.07	64	87.6
30-Dec-14	9:25	Fine	010906	2.7743	2.7783	5675.47	5676.47	1.00	1.07	1.07	1.07	64	62.6
30-Dec-14	10:30	Fine	010909	2.7608	2.7678	5676.47	5677.47	1.00	1.07	1.07	1.07	64	109.5
5-Jan-15	8:15	Cloudy	010403	2.7609	2.7703	5701.47	5702.47	1.00	1.06	1.06	1.06	63	148.0
5-Jan-15	9:20	Cloudy	010405	2.7789	2.7896	5702.47	5703.47	1.00	1.06	1.06	1.06	63	169.0
5-Jan-15	10:31	Cloudy	010919	2.7564	2.7655	5703.47	5704.47	1.00	1.06	1.06	1.06	63	144.0
10-Jan-15	8:06	Fine	010923	2.7405	2.7545	5728.47	5729.47	1.00	1.12	1.12	1.12	67	208.4
10-Jan-15	9:10	Fine	010924	2.7483	2.7634	5729.47	5730.47	1.00	1.12	1.12	1.12	67	224.8
10-Jan-15	10:26	Fine	010926	2.7573	2.7693	5730.47	5731.47	1.00	1.12	1.12	1.12	67	178.6
16-Jan-15	8:14	Fine	010942	2.7503	2.7620	5755.47	5756.47	1.00	1.06	1.06	1.06	64	183.5
16-Jan-15	9:20	Fine	010992	2.7577	2.7644	5456.47	5457.47	1.00	1.06	1.06	1.06	64	105.1
16-Jan-15	10:33	Fine	010994	2.7496	2.7551	5457.47	5458.47	1.00	1.06	1.06	1.06	64	86.2
22-Jan-15	8:11	Fine	010849	2.7818	2.7888	5782.47	5783.47	1.00	1.06	1.06	1.06	64	109.8
22-Jan-15	9:18	Fine	010839	2.7803	2.7915	5783.47	5784.47	1.00	1.06	1.06	1.06	64	175.6
22-Jan-15	10:29	Fine	010841	2.7828	2.7928	5784.47	5785.47	1.00	1.06	1.06	1.06	64	156.8
28-Jan-15	8:06	Cloudy	010998	2.7588	2.7647	5809.47	5810.47	1.00	1.12	1.12	1.12	67	88.2
28-Jan-15	9:12	Cloudy	011000	2.7640	2.7691	5810.47	5811.47	1.00	1.12	1.12	1.12	67	76.2
28-Jan-15	10:25	Cloudy	011002	2.7671	2.7763	5811.47	5812.47	1.00	1.12	1.12	1.12	67	137.5



Location: CMA2a - Causeway Bay Community Centre

Report on 24-hour TSP monitoring
Action Level ($\mu\text{g}/\text{m}^3$) - 169.5
Limit Level ($\mu\text{g}/\text{m}^3$) - 260

Date	Sampling Time	Weather Condition	Filter paper no.	Filter Weight, g		Elapse Time, hr		Sampling Time, hr	Flow Rate, m^3/min			Total Volume, m^3	TSP Level, $\mu\text{g}/\text{m}^3$
				Initial	Final	Initial	Final		Initial, Q_{si}	Final, Q_{sf}	Average		
29-Dec-14	8:00	Fine	010409	2.7840	2.8740	15359.71	15383.71	24.00	1.03	1.03	1.03	1480	60.8
3-Jan-15	8:00	Fine	010911	2.7556	2.9144	15386.71	15410.71	24.00	1.09	1.08	1.09	1565	101.0
9-Jan-15	8:00	Fine	010922	2.7533	2.8671	15413.71	15437.71	24.00	0.96	0.96	0.96	1386	82.1
15-Jan-15	8:00	Fine	010937	2.7434	2.8550	15440.71	15464.71	24.00	1.09	1.09	1.09	1569	71.1
21-Jan-15	8:00	Fine	010997	2.7656	3.0959	15467.71	15491.71	24.00	1.12	1.12	1.12	1611	205.0
27-Jan-15	8:00	Cloudy	010844	2.7657	2.9422	15494.71	15518.71	24.00	0.99	1.02	1.00	1446	122.1

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		
30-Dec-14	8:03	Fine	010410	2.7750	2.7864	15383.71	15384.71	1.00	1.03	1.03	1.03	62	185.2
30-Dec-14	9:15	Fine	010905	2.7638	2.7743	15384.71	15385.71	1.00	1.09	1.09	1.09	65	160.5
30-Dec-14	10:20	Fine	010908	2.7714	2.7800	15385.71	15386.71	1.00	1.09	1.09	1.09	65	131.5
5-Jan-15	8:03	Cloudy	010404	2.7789	2.7896	15410.71	15411.71	1.00	1.08	1.08	1.08	65	165.0
5-Jan-15	9:10	Cloudy	010918	2.7681	2.7806	15412.71	15413.71	1.00	1.08	1.08	1.08	65	193.0
5-Jan-15	10:25	Cloudy	010920	2.7409	2.7510	15413.71	15414.71	1.00	1.08	1.08	1.08	65	156.0
10-Jan-15	8:03	Fine	010935	2.7521	2.7713	15437.71	15438.71	1.00	1.03	1.03	1.03	62	311.9
10-Jan-15	9:08	Fine	010925	2.7516	2.7702	15438.71	15439.71	1.00	1.03	1.03	1.03	62	302.2
10-Jan-15	10:15	Fine	010927	2.7574	2.7697	15439.71	15440.71	1.00	1.03	1.03	1.03	62	199.8
16-Jan-15	8:03	Fine	010934	2.7366	2.7423	15464.71	15465.71	1.00	1.09	1.09	1.09	65	87.4
16-Jan-15	9:06	Fine	010993	2.7486	2.7593	15465.71	15466.71	1.00	1.09	1.09	1.09	65	164.0
16-Jan-15	10:13	Fine	010995	2.7568	2.7661	15466.71	15467.71	1.00	1.09	1.09	1.09	65	142.5
22-Jan-15	8:06	Fine	010838	2.7822	2.7951	15491.71	15492.71	1.00	1.12	1.12	1.12	67	192.1
22-Jan-15	9:13	Fine	010840	2.7881	2.8045	15492.71	15493.71	1.00	1.09	1.09	1.09	65	251.4
22-Jan-15	10:22	Fine	010842	2.7656	2.7797	15493.71	15494.71	1.00	1.09	1.09	1.09	65	216.1
28-Jan-15	8:09	Cloudy	010999	2.7692	2.7750	15518.71	15519.71	1.00	1.02	1.02	1.02	61	94.6
28-Jan-15	9:14	Cloudy	011001	2.7564	2.7590	15519.71	15520.71	1.00	1.02	1.02	1.02	61	42.4
28-Jan-15	10:21	Cloudy	011003	2.7709	2.7786	15520.71	15521.71	1.00	1.02	1.02	1.02	61	125.6



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		
29-Dec-14	8:00	Fine	010815	2.7835	2.9282	2779.55	2803.55	24.00	1.23	1.23	1.23	1777	81.4
3-Jan-15	8:00	Fine	010979	2.7559	2.9059	2806.56	2830.56	24.00	1.23	1.23	1.23	1772	85.0
9-Jan-15	8:00	Fine	010615	2.8030	3.0266	2833.56	2857.56	24.00	1.14	1.14	1.14	1641	136.2
15-Jan-15	8:00	Fine	011035	2.7214	2.8550	2860.55	2884.55	24.00	1.23	1.23	1.23	1775	75.3
21-Jan-15	8:00	Fine	010893	2.7653	2.9373	2887.56	2911.56	24.00	1.18	1.18	1.18	1705	100.9
28-Jan-15	17:15	Cloudy	011058	2.7412	2.9264	2939.26	2963.26	24.00	1.18	1.18	1.18	1700	108.9

Remarks: Due to interruption of electricity, the 24hr TSP was rescheduled from 27 January 2015 to 28 January 2015.

Report on 1-hour TSP monitoring

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

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

Date	Sampling Time	Weather Condition	Filter paper no.	Filter Weight, g		Elapse Time, hr		Sampling Time, hr	Flow Rate, m^3/min			Total Volume, m^3	TSP Level, $\mu\text{g}/\text{m}^3$
				Initial	Final	Initial	Final		Initial, Q_{si}	Final, Q_{sf}	Average		
30-Dec-14	9:19	Fine	010973	2.7528	2.7571	2803.55	2804.55	1.00	1.18	1.18	1.18	71	60.9
30-Dec-14	10:23	Fine	010975	2.7553	2.7599	2804.55	2805.55	1.00	1.18	1.18	1.18	71	65.1
30-Dec-14	13:00	Fine	010977	2.7613	2.7655	2805.55	2806.55	1.00	1.18	1.18	1.18	71	59.4
5-Jan-15	10:50	Cloudy	010612	2.7340	2.7427	2830.56	2831.56	1.00	1.23	1.23	1.23	74	118.0
5-Jan-15	14:40	Cloudy	010614	2.8047	2.8101	2831.56	2832.56	1.00	1.23	1.23	1.23	74	73.0
5-Jan-15	15:50	Cloudy	010622	2.7882	2.7957	2832.56	2833.56	1.00	1.23	1.23	1.23	74	102.0
10-Jan-15	13:00	Fine	011026	2.7134	2.7199	2857.56	2858.56	1.00	1.18	1.18	1.18	71	92.0
10-Jan-15	14:18	Fine	011028	2.7482	2.7541	2858.56	2859.56	1.00	1.18	1.18	1.18	71	83.5
10-Jan-15	15:30	Fine	011030	2.7344	2.7506	2859.56	2860.56	1.00	1.18	1.18	1.18	71	229.3
16-Jan-15	9:08	Fine	011037	2.7225	2.7245	2884.55	2885.55	1.00	1.18	1.18	1.18	71	28.4
16-Jan-15	10:13	Fine	011039	2.7404	2.7424	2885.55	2886.55	1.00	1.18	1.18	1.18	71	28.4
16-Jan-15	13:00	Fine	010837	2.7830	2.8037	2886.55	2887.55	1.00	1.18	1.18	1.18	71	293.6
22-Jan-15	9:08	Fine	010894	2.7666	2.7753	2911.56	2912.56	1.00	1.26	1.26	1.26	76	114.9
22-Jan-15	10:12	Fine	010896	2.7685	2.7704	2912.56	2913.56	1.00	1.12	1.12	1.12	67	28.3
22-Jan-15	13:00	Fine	010898	2.7627	2.7712	2913.56	2914.56	1.00	1.26	1.26	1.26	76	112.2
28-Jan-15	9:50	Cloudy	011054	2.7493	2.7559	2936.23	2937.26	1.03	1.17	1.17	1.17	73	91.0
28-Jan-15	14:55	Cloudy	011056	2.7585	2.7674	2637.26	2638.26	1.00	1.17	1.17	1.17	70	126.4
28-Jan-15	16:00	Cloudy	011057	2.7331	2.7400	2638.26	2639.26	1.00	1.17	1.17	1.17	70	98.0



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		
29-Dec-14	8:00	Fine	010814	2.7839	2.9294	19616.23	19640.23	24.00	1.19	1.19	1.19	1710	85.1
3-Jan-15	8:00	Fine	010978	2.7480	2.8878	19643.24	19667.24	24.00	1.19	1.18	1.18	1705	82.0
9-Jan-15	8:00	Fine	010610	2.8068	3.0333	19670.24	19694.24	24.00	1.19	1.19	1.19	1709	132.6
15-Jan-15	8:00	Fine	011036	2.7268	2.8835	19697.24	19721.24	24.00	1.19	1.18	1.19	1708	91.8
21-Jan-15	8:00	Fine	010892	2.7721	3.1861	19724.24	19748.24	24.00	1.18	1.18	1.18	1705	242.8
27-Jan-15	8:00	Cloudy	010870	2.7869	2.9448	19751.24	19775.24	24.00	1.18	1.18	1.18	1702	92.8

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		
30-Dec-14	9:07	Fine	010972	2.7520	2.7581	19640.24	19641.24	1.00	1.14	1.14	1.14	68	89.2
30-Dec-14	10:11	Fine	010974	2.7484	2.7530	19641.24	19642.24	1.00	1.19	1.19	1.19	71	64.6
30-Dec-14	13:00	Fine	010976	2.7493	2.7541	19642.24	19643.24	1.00	1.14	1.14	1.14	68	70.2
5-Jan-15	10:40	Cloudy	010623	2.7811	2.7870	19667.24	19668.24	1.00	1.18	1.18	1.18	71	83.0
5-Jan-15	14:25	Cloudy	010613	2.7325	2.7410	19668.24	19669.24	1.00	1.18	1.18	1.18	71	120.0
5-Jan-15	15:45	Cloudy	010621	2.7870	2.7939	19669.24	19670.24	1.00	1.18	1.18	1.18	71	98.0
10-Jan-15	13:00	Fine	011025	2.7407	2.7478	19694.24	19695.24	1.00	1.23	1.23	1.23	74	96.0
10-Jan-15	14:06	Fine	011027	2.7441	2.7517	19695.24	19696.24	1.00	1.23	1.23	1.23	74	102.7
10-Jan-15	15:20	Fine	011029	2.7428	2.7585	19696.24	19697.24	1.00	1.23	1.23	1.23	74	212.3
16-Jan-15	9:20	Fine	011038	2.7193	2.7261	19721.24	19722.24	1.00	1.18	1.18	1.18	71	95.7
16-Jan-15	10:25	Fine	011040	2.7335	2.7401	19722.24	19723.24	1.00	1.18	1.18	1.18	71	92.9
16-Jan-15	13:00	Fine	011043	2.7233	2.7370	19723.24	19724.24	1.00	1.18	1.18	1.18	71	192.8
22-Jan-15	9:20	Fine	010895	2.7411	2.7496	19748.24	19749.24	1.00	1.14	1.14	1.14	68	124.5
22-Jan-15	10:31	Fine	010897	2.7873	2.7957	19749.24	19750.24	1.00	1.14	1.14	1.14	68	123.1
22-Jan-15	13:00	Fine	010899	2.7749	2.7862	19750.24	19751.24	1.00	1.14	1.14	1.14	68	165.6
28-Jan-15	9:40	Cloudy	011044	2.7274	2.7334	19775.24	19776.24	1.00	1.18	1.18	1.18	71	84.5
28-Jan-15	14:40	Cloudy	011055	2.7656	2.7772	19776.24	19777.24	1.00	1.18	1.18	1.18	71	163.5
28-Jan-15	15:50	Cloudy	011045	2.7408	2.7452	19777.24	19778.24	1.00	1.18	1.18	1.18	71	62.0



Location: CMA5b - Pedestrian Plaza

Report on 24-hour TSP monitoring

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

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

Date	Sampling Time	Weather Condition	Filter paper no.	Filter Weight, g		Elapse Time, hr		Sampling Time, hr	Flow Rate, m^3/min			Total Volume, m^3	TSP Level, $\mu\text{g}/\text{m}^3$
				Initial	Final	Initial	Final		Initial, Q_{si}	Final, Q_{sf}	Average		
29-Dec-14	8:00	Fine	010831	2.7848	2.9423	4088.55	4112.55	24.00	1.08	1.08	1.08	1554	101.3
3-Jan-15	8:00	Fine	010965	2.7891	2.9619	4115.55	4139.55	24.00	0.95	0.94	0.94	1357	127.0
9-Jan-15	8:00	Fine	010834	2.7880	2.9674	4142.55	4166.55	24.00	0.95	0.95	0.95	1363	131.6
15-Jan-15	8:00	Fine	010941	2.7576	2.9673	4169.55	4193.55	24.00	1.01	1.01	1.01	1456	144.0
21-Jan-15	8:00	Fine	010886	2.7846	3.2095	4196.55	4220.55	24.00	1.07	1.07	1.07	1547	274.6
27-Jan-15	8:00	Cloudy	010901	2.7762	2.9751	4223.55	4247.55	24.00	1.04	1.04	1.04	1495	133.0

Report on 1-hour TSP monitoring

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

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

Date	Sampling Time	Weather Condition	Filter paper no.	Filter Weight, g		Elapse Time, hr		Sampling Time, hr	Flow Rate, m^3/min			Total Volume, m^3	TSP Level, $\mu\text{g}/\text{m}^3$
				Initial	Final	Initial	Final		Initial, Q_{si}	Final, Q_{sf}	Average		
30-Dec-14	8:38	Fine	010950	2.7621	2.7703	4112.55	4113.55	1.00	0.95	0.95	0.95	57	144.5
30-Dec-14	9:43	Fine	010971	2.7461	2.7508	4113.55	4114.55	1.00	0.95	0.95	0.95	57	82.8
30-Dec-14	10:49	Fine	010968	2.7814	2.7858	4114.55	4115.55	1.00	0.95	0.95	0.95	57	77.5
5-Jan-15	9:23	Cloudy	010964	2.7697	2.7747	4139.55	4140.55	1.00	0.93	0.93	0.93	56	89.0
5-Jan-15	10:26	Cloudy	010957	2.7761	2.7879	4140.55	4141.55	1.00	0.93	0.93	0.93	56	210.0
5-Jan-15	13:00	Cloudy	010954	2.7697	2.7784	4141.55	4142.55	1.00	0.93	0.93	0.93	56	155.0
10-Jan-15	9:34	Fine	010835	2.7876	2.7981	4166.56	4167.56	1.00	0.95	0.95	0.95	57	185.0
10-Jan-15	13:00	Fine	011024	2.7405	2.7505	4167.56	4168.56	1.00	0.95	0.95	0.95	57	176.2
10-Jan-15	14:05	Fine	010938	2.7519	2.7717	4168.56	4169.56	1.00	1.01	1.01	1.01	61	326.2
16-Jan-15	8:04	Fine	010991	2.7571	2.7676	4193.55	4194.55	1.00	1.01	1.01	1.01	61	173.4
16-Jan-15	13:00	Fine	010848	2.7718	2.7886	4194.55	4195.55	1.00	1.01	1.01	1.01	61	277.5
16-Jan-15	15:00	Fine	011022	2.7247	2.7330	4195.55	4196.55	1.00	1.01	1.01	1.01	61	137.1
22-Jan-15	13:00	Fine	010876	2.7591	2.7768	4220.55	4221.55	1.00	1.07	1.07	1.07	64	274.5
22-Jan-15	14:12	Fine	010879	2.7704	2.7837	4221.55	4222.55	1.00	1.01	1.01	1.01	61	219.7
22-Jan-15	15:16	Fine	010882	2.7755	2.7852	4222.55	4223.55	1.00	0.94	0.94	0.94	57	171.4
28-Jan-15	9:40	Cloudy	010850	2.7874	2.8007	4247.55	4248.55	1.00	1.01	1.01	1.01	60	220.1
28-Jan-15	10:43	Cloudy	010853	2.7727	2.7789	4248.55	4249.55	1.00	1.01	1.01	1.01	60	102.6
28-Jan-15	13:00	Cloudy	010856	2.7751	2.7904	4249.55	4250.55	1.00	1.01	1.01	1.01	60	253.2



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		
29-Dec-14	8:00	Fine	010794	2.7205	2.8135	16294.49	16318.49	24.00	1.28	1.28	1.28	1842	50.5
3-Jan-15	8:00	Fine	010800	2.7224	2.8202	16321.50	16345.50	24.00	1.32	1.32	1.32	1903	51.0
9-Jan-15	8:00	Fine	010059	2.7508	2.9470	16348.50	16372.50	24.00	1.32	1.32	1.32	1907	102.9
15-Jan-15	8:00	Fine	010931	2.7370	2.8758	16375.50	16399.50	24.00	1.33	1.32	1.32	1906	72.8
21-Jan-15	8:00	Fine	010984	2.7401	3.0219	16402.50	16426.50	24.00	1.23	1.23	1.23	1772	159.0
27-Jan-15	8:00	Cloudy	010867	2.7630	2.8386	16429.50	16453.50	24.00	1.23	1.23	1.23	1770	42.7

Report on 1-hour TSP monitoring

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

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

Date	Sampling Time	Weather Condition	Filter paper no.	Filter Weight, g		Elapse Time, hr		Sampling Time, hr	Flow Rate, m^3/min			Total Volume, m^3	TSP Level, $\mu\text{g}/\text{m}^3$
				Initial	Final	Initial	Final		Initial, Q_{si}	Final, Q_{sf}	Average		
30-Dec-14	8:10	Fine	010948	2.7699	2.7738	16318.49	16319.49	1.00	1.28	1.28	1.28	77	50.8
30-Dec-14	9:13	Fine	010945	2.7387	2.7411	16319.49	16320.49	1.00	1.23	1.23	1.23	74	32.4
30-Dec-14	10:25	Fine	010797	2.7209	2.7236	16320.49	16321.49	1.00	1.32	1.32	1.32	79	34.0
5-Jan-15	8:15	Cloudy	010961	2.7636	2.7679	16345.50	16346.50	1.00	1.32	1.32	1.32	79	54.0
5-Jan-15	9:20	Cloudy	009878	2.7721	2.7791	16346.50	16347.50	1.00	1.32	1.32	1.32	79	89.0
5-Jan-15	10:30	Cloudy	009881	2.7570	2.7610	16347.50	16348.50	1.00	1.32	1.32	1.32	79	51.0
10-Jan-15	8:06	Fine	011007	2.7746	2.7821	16372.50	16373.50	1.00	1.32	1.32	1.32	79	94.4
10-Jan-15	9:14	Fine	011010	2.7870	2.7931	16373.50	16374.50	1.00	1.32	1.32	1.32	79	76.8
10-Jan-15	10:20	Fine	011013	2.7742	2.7824	16374.50	16375.50	1.00	1.32	1.32	1.32	79	103.2
16-Jan-15	8:16	Fine	011016	2.7488	2.7534	16399.50	16400.50	1.00	1.32	1.32	1.32	79	58.0
16-Jan-15	9:23	Fine	010062	2.7542	2.7595	16400.50	16401.50	1.00	1.32	1.32	1.32	79	66.8
16-Jan-15	10:38	Fine	010981	2.7495	2.7503	16401.50	16402.50	1.00	1.32	1.32	1.32	79	10.1
22-Jan-15	8:11	Fine	010858	2.7662	2.7700	16426.50	16427.50	1.00	1.23	1.23	1.23	74	51.4
22-Jan-15	9:16	Fine	010861	2.7556	2.7591	16427.50	16428.50	1.00	1.23	1.23	1.23	74	47.4
22-Jan-15	10:21	Fine	010864	2.7835	2.7854	16428.50	16429.50	1.00	1.23	1.23	1.23	74	25.7
28-Jan-15	8:08	Cloudy	010987	2.7389	2.7409	16453.50	16454.50	1.00	1.23	1.23	1.23	74	27.1
28-Jan-15	9:11	Cloudy	009579	2.8246	2.8258	16454.50	16455.50	1.00	1.23	1.23	1.23	74	16.3
28-Jan-15	10:15	Cloudy	011112	2.7586	2.7605	16455.50	16456.50	1.00	1.23	1.23	1.23	74	25.8



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

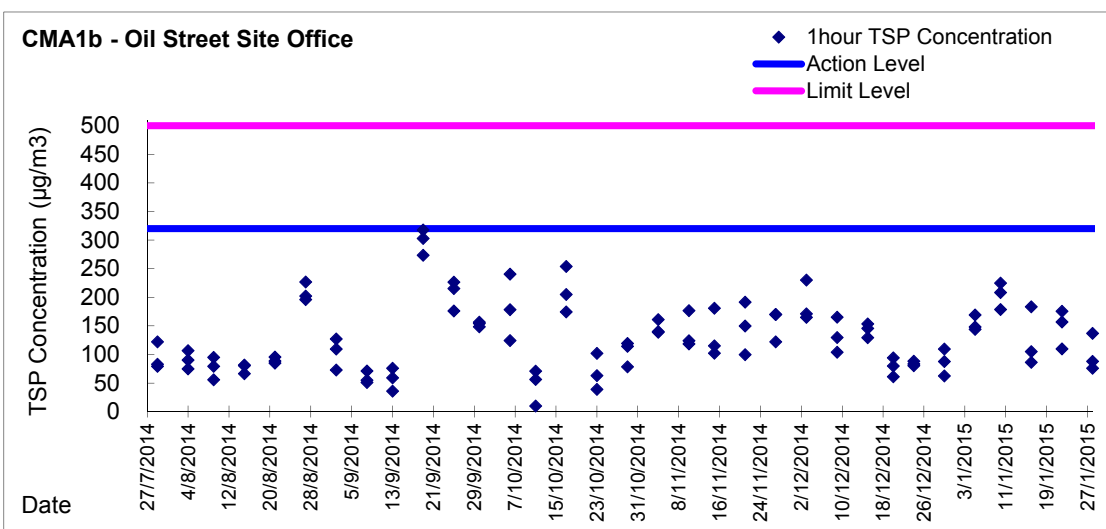
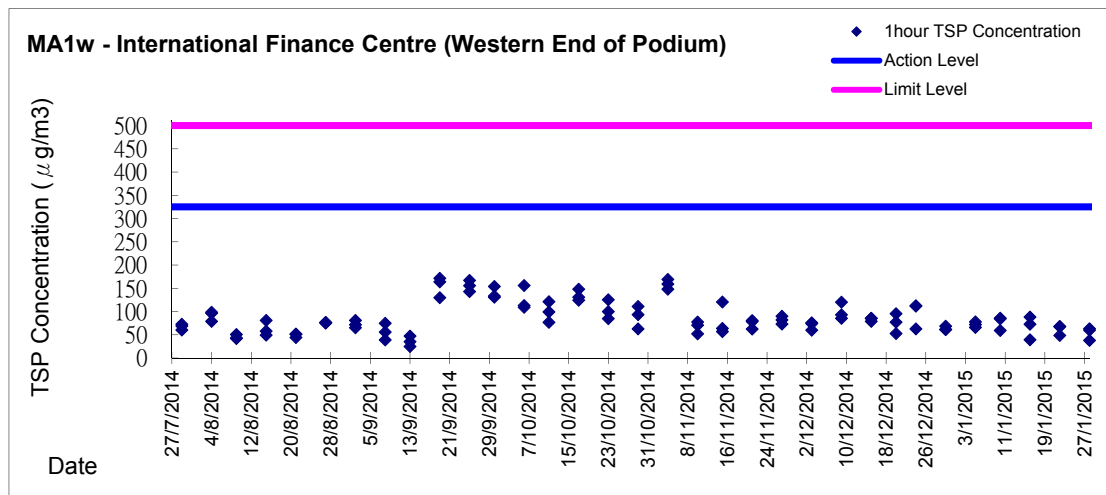
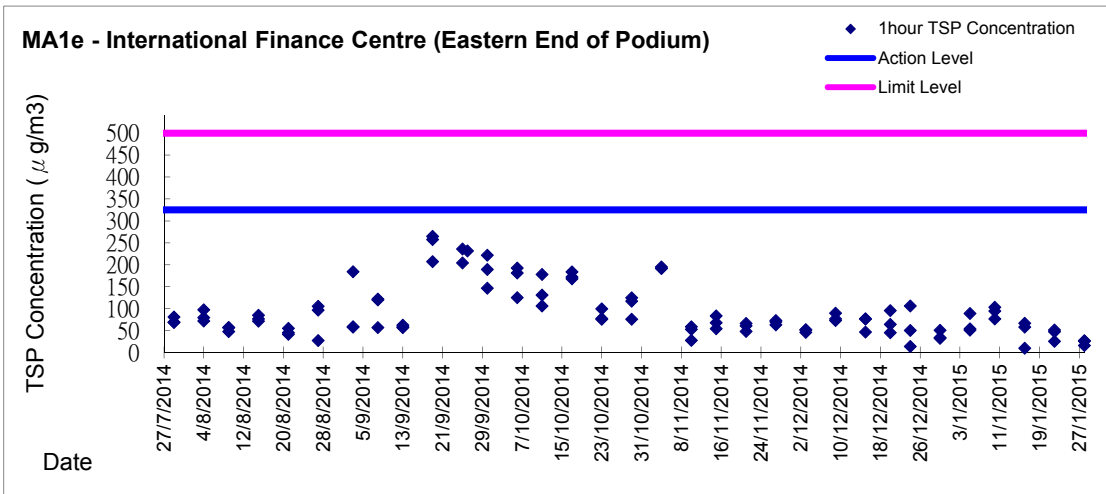
Date	Sampling Time	Weather Condition	Filter paper no.	Filter Weight, g		Elapse Time, hr		Sampling Time, hr	Flow Rate, m^3/min			Total Volume, m^3	TSP Level, $\mu\text{g}/\text{m}^3$
				Initial	Final	Initial	Final		Initial, Q_{si}	Final, Q_{sf}	Average		
29-Dec-14	8:00	Fine	010795	2.7349	2.8541	16344.62	16368.62	24.00	1.36	1.36	1.36	1958	60.9
3-Jan-15	8:00	Fine	010801	2.7245	2.8600	16371.63	16395.63	24.00	1.36	1.36	1.36	1954	69.0
9-Jan-15	8:00	Fine	010060	2.7566	2.9011	16398.63	16422.63	24.00	1.36	1.36	1.36	1957	73.8
15-Jan-15	8:00	Fine	010932	2.7424	2.8412	16425.63	16449.63	24.00	1.36	1.36	1.36	1956	50.5
21-Jan-15	8:00	Fine	010985	2.7471	3.0467	16452.63	16476.63	24.00	1.36	1.36	1.36	1954	153.3
27-Jan-15	8:00	Cloudy	010868	2.7723	2.8828	16479.63	16503.63	24.00	1.35	1.36	1.35	1951	56.6

Report on 1-hour TSP monitoring

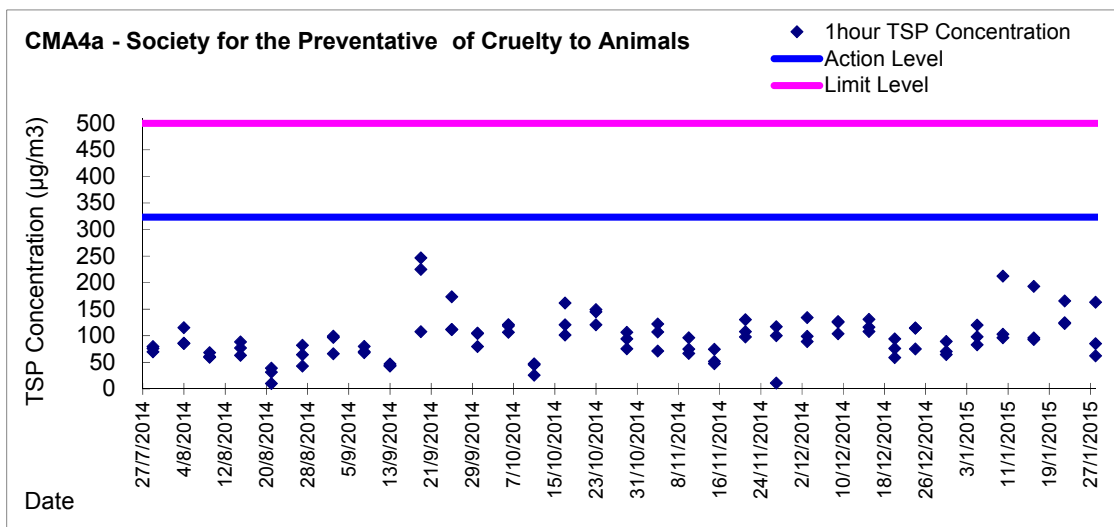
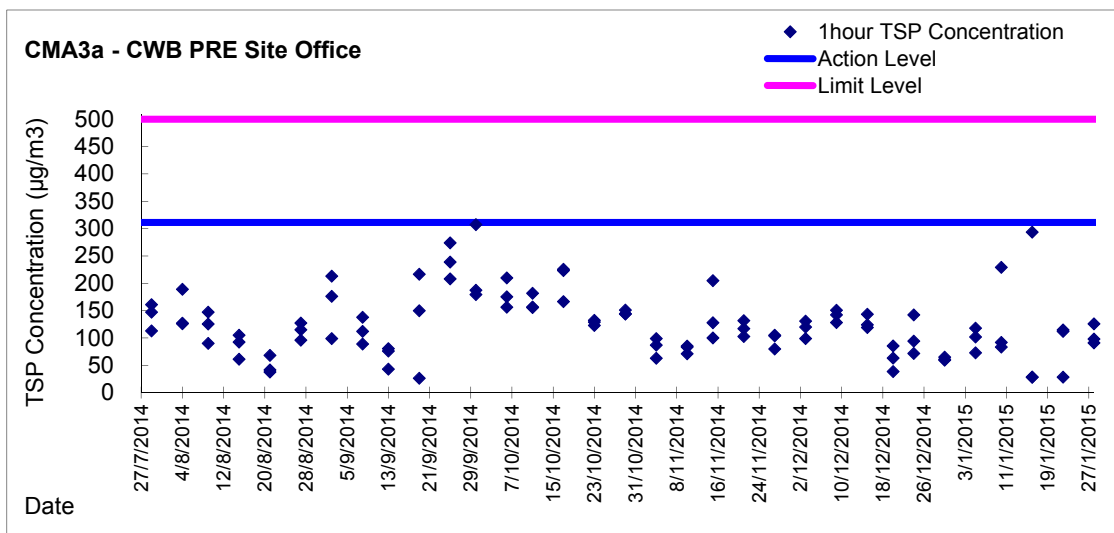
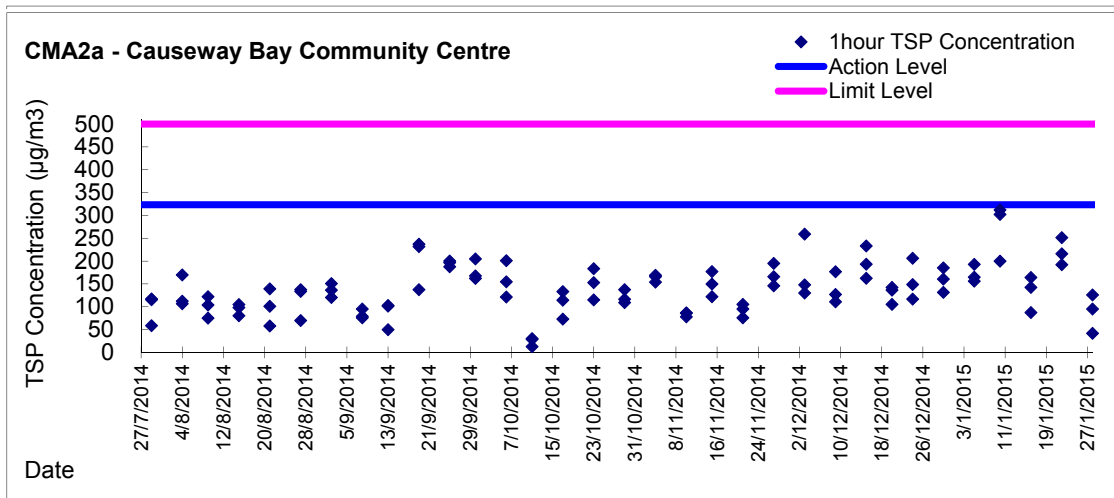
Action Level ($\mu\text{g}/\text{m}^3$) - 325.1
 Limit Level ($\mu\text{g}/\text{m}^3$) - 500

Date	Sampling Time	Weather Condition	Filter paper no.	Filter Weight, g		Elapse Time, hr		Sampling Time, hr	Flow Rate, m^3/min			Total Volume, m^3	TSP Level, $\mu\text{g}/\text{m}^3$
				Initial	Final	Initial	Final		Initial, Q_{si}	Final, Q_{sf}	Average		
30-Dec-14	8:15	Fine	010943	2.7466	2.7522	16368.62	16369.62	1.00	1.36	1.36	1.36	82	68.7
30-Dec-14	9:20	Fine	010946	2.7604	2.7654	16369.62	16370.62	1.00	1.36	1.36	1.36	82	61.3
30-Dec-14	10:30	Fine	010798	2.7202	2.7252	16370.62	16371.62	1.00	1.36	1.36	1.36	82	61.3
5-Jan-15	8:04	Cloudy	009877	2.7793	2.7856	16395.63	16396.63	1.00	1.35	1.35	1.35	81	78.0
5-Jan-15	9:13	Cloudy	009879	2.7692	2.7747	16396.63	16397.63	1.00	1.39	1.39	1.39	84	66.0
5-Jan-15	10:20	Cloudy	009882	2.7562	2.7620	16397.63	16398.63	1.00	1.35	1.35	1.35	81	72.0
10-Jan-15	8:15	Fine	011008	2.7712	2.7784	16422.63	16423.63	1.00	1.40	1.40	1.40	84	85.7
10-Jan-15	9:26	Fine	011011	2.7599	2.7649	16423.63	16424.63	1.00	1.40	1.40	1.40	84	59.5
10-Jan-15	10:41	Fine	011014	2.7590	2.7661	16424.63	16425.63	1.00	1.40	1.40	1.40	84	84.5
16-Jan-15	8:03	Fine	011017	2.7471	2.7545	16449.63	16450.63	1.00	1.40	1.40	1.40	84	88.2
16-Jan-15	9:10	Fine	010063	2.7558	2.7619	16450.63	16451.63	1.00	1.40	1.40	1.40	84	72.7
16-Jan-15	10:26	Fine	010982	2.7478	2.7511	16451.63	16452.63	1.00	1.40	1.40	1.40	84	39.3
22-Jan-15	8:05	Fine	010859	2.7688	2.7743	16476.63	16477.63	1.00	1.36	1.36	1.36	81	67.6
22-Jan-15	9:10	Fine	010862	2.7720	2.7777	16478.63	16479.63	1.00	1.40	1.40	1.40	84	67.9
22-Jan-15	10:15	Fine	010865	2.7920	2.7961	16477.63	16478.63	1.00	1.40	1.40	1.40	84	48.8
28-Jan-15	8:05	Cloudy	010988	2.7569	2.7600	16503.63	16504.63	1.00	1.38	1.38	1.38	83	37.5
28-Jan-15	9:08	Cloudy	009580	2.8325	2.8377	16504.63	16505.63	1.00	1.38	1.38	1.38	83	62.9
28-Jan-15	10:13	Cloudy	009582	2.8217	2.8267	16505.63	16506.63	1.00	1.38	1.38	1.38	83	60.2

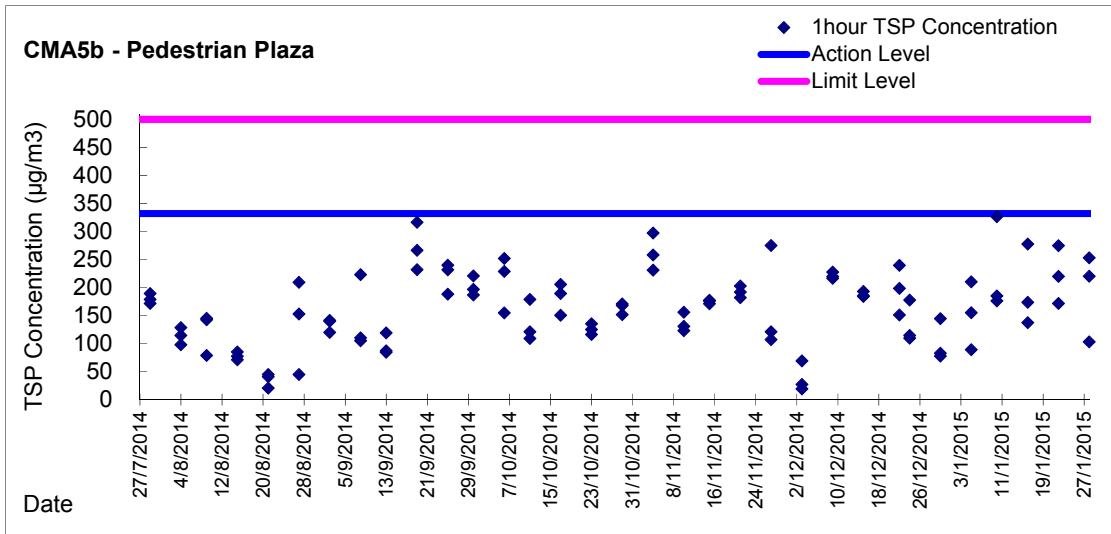
Graphic Presentation of 1 hour TSP Result



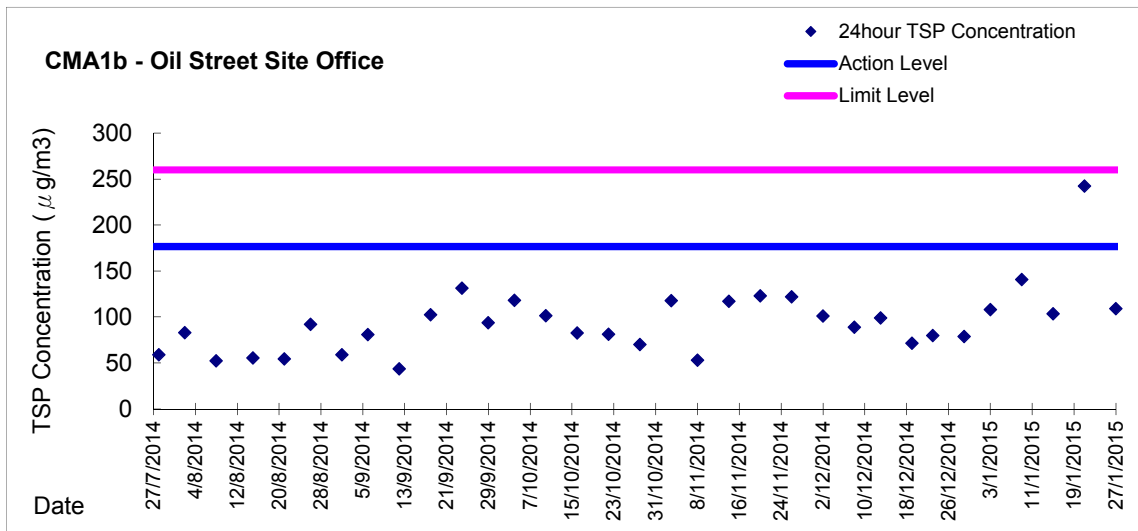
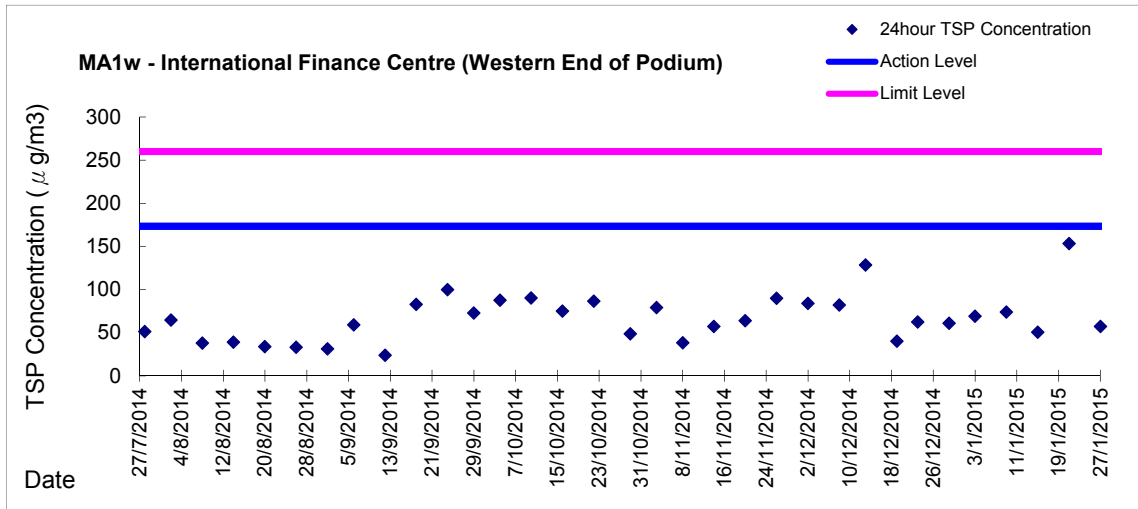
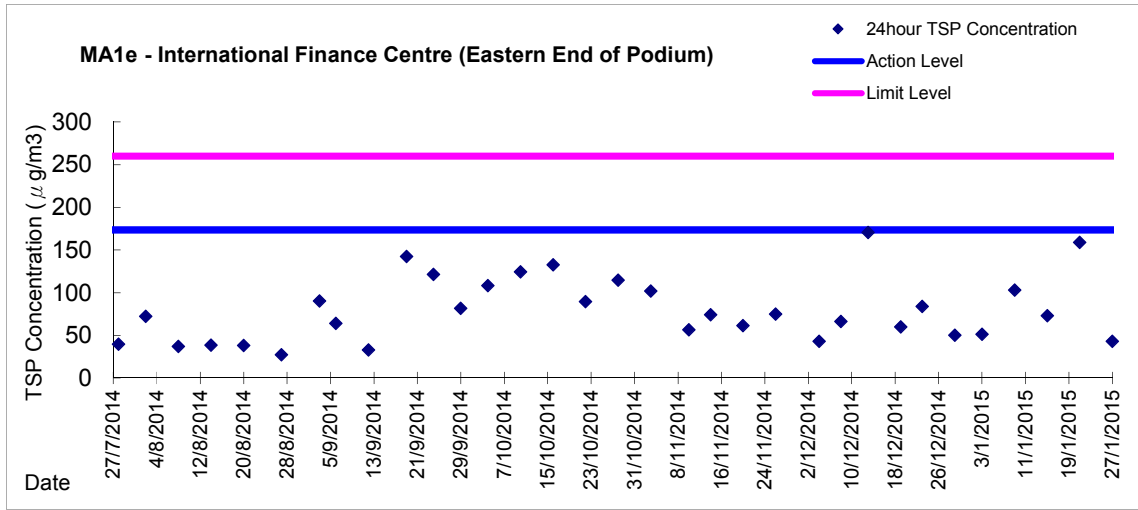
Graphic Presentation of 1 hour TSP Result



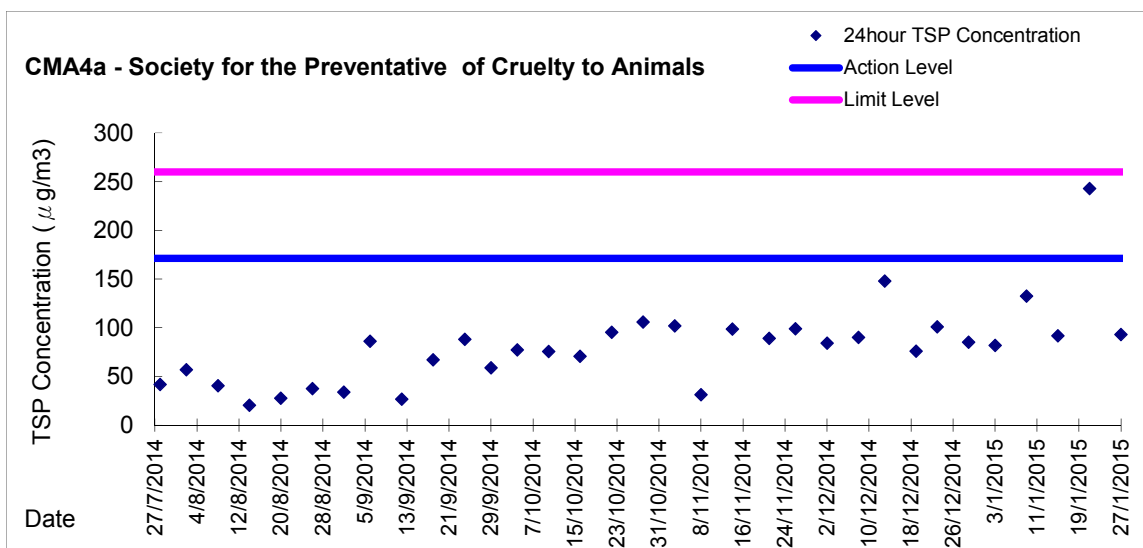
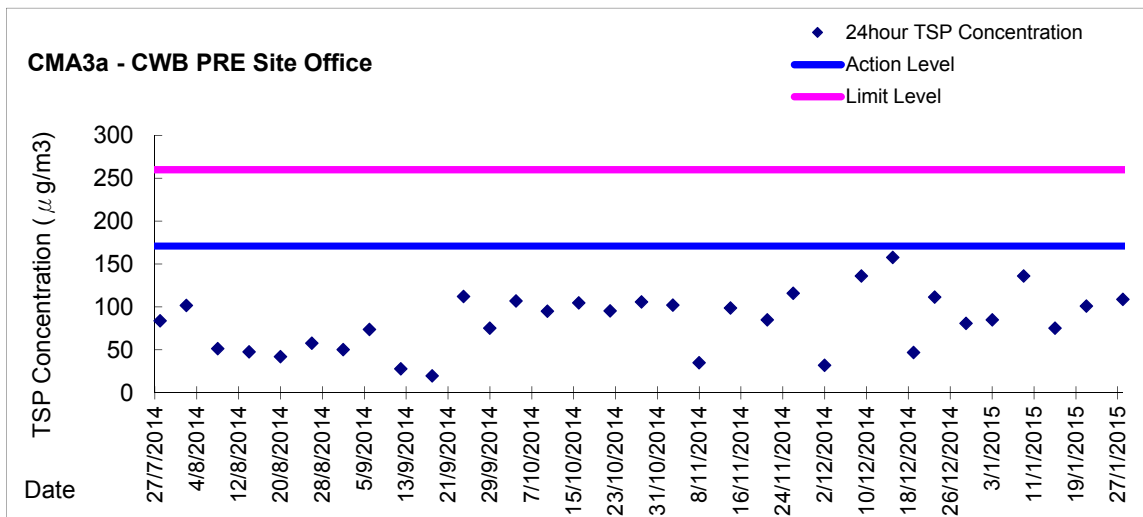
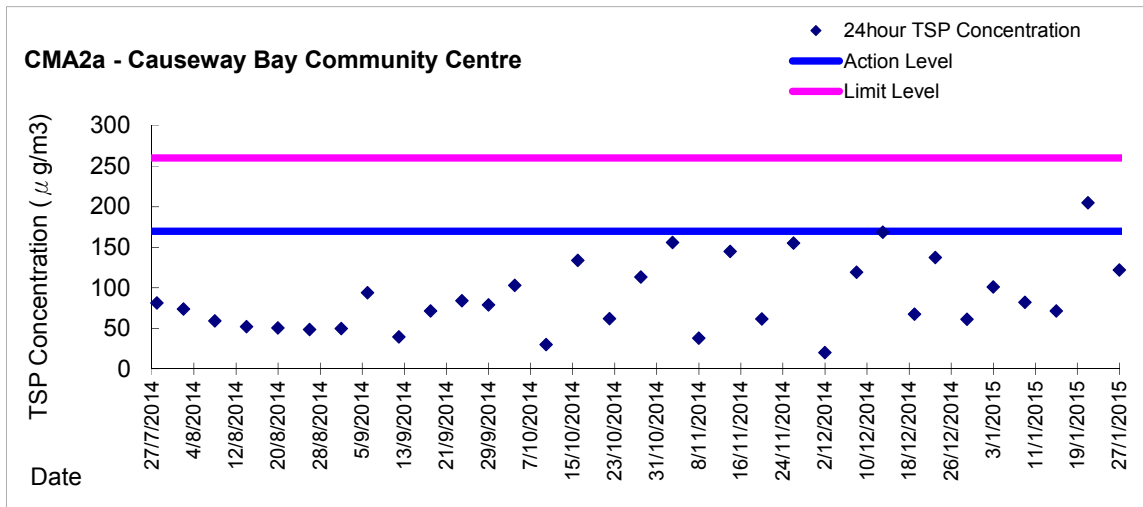
Graphic Presentation of 1 hour TSP Result



Graphic Presentation of 24 hour TSP Result

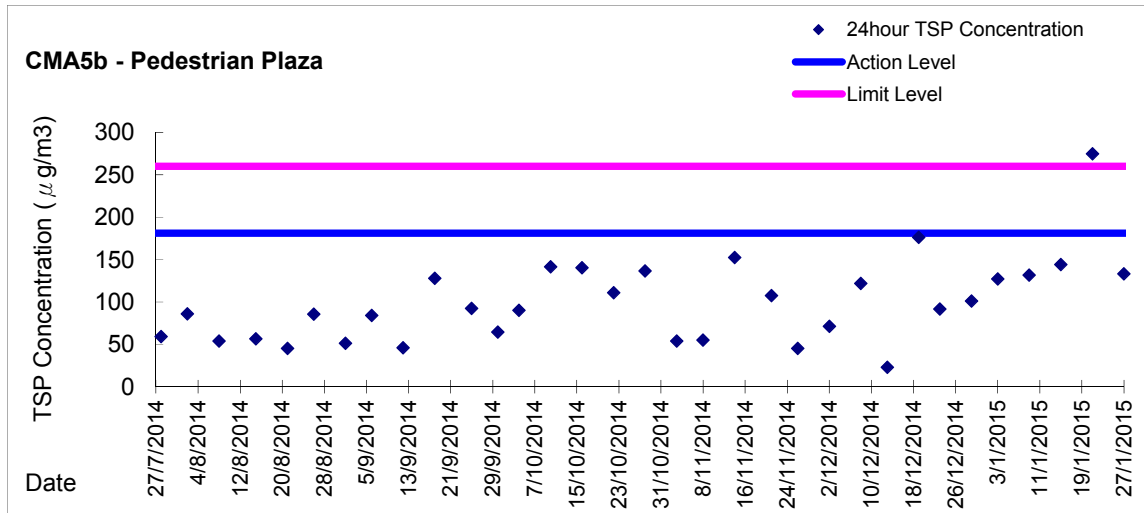


Graphic Presentation of 24 hour TSP Result





Graphic Presentation of 24 hour TSP Result





Appendix 5.4
Real Time Noise Monitoring Results and Graphical Presentations

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

Normal Day 07:00-19:00

29/12/2014 7:01	65.6	3/1/2015 13:31	66.2	9/1/2015 7:01	64.9	14/1/2015 13:31	67.1	20/1/2015 8:01	66.5	24/1/2015 14:31	65.4
29/12/2014 7:31	66.7	3/1/2015 13:01	65.9	9/1/2015 7:31	66.3	14/1/2015 14:01	67.6	20/1/2015 8:31	66.4	24/1/2015 15:01	65.7
29/12/2014 8:01	67.5	3/1/2015 13:31	66.2	9/1/2015 8:01	67.4	14/1/2015 14:31	68.5	20/1/2015 9:01	66.1	24/1/2015 15:31	66.2
29/12/2014 8:31	67.7	3/1/2015 14:01	66.7	9/1/2015 8:31	67.4	14/1/2015 15:01	68.0	20/1/2015 9:31	67.0	24/1/2015 16:01	65.6
29/12/2014 9:01	67.5	3/1/2015 14:31	66.3	9/1/2015 9:01	67.7	14/1/2015 15:31	68.0	20/1/2015 10:01	66.7	24/1/2015 16:31	65.6
29/12/2014 9:31	67.6	3/1/2015 15:01	66.0	9/1/2015 9:31	67.6	14/1/2015 16:01	68.1	20/1/2015 10:31	66.8	24/1/2015 17:01	65.4
29/12/2014 10:01	67.0	3/1/2015 15:31	66.2	9/1/2015 10:01	68.1	14/1/2015 16:31	67.6	20/1/2015 11:01	67.0	24/1/2015 17:31	65.1
29/12/2014 10:31	67.1	3/1/2015 16:01	66.3	9/1/2015 10:31	67.8	14/1/2015 17:01	67.3	20/1/2015 11:31	66.3	24/1/2015 18:01	64.9
29/12/2014 11:01	67.1	3/1/2015 16:31	67.0	9/1/2015 11:01	68.4	14/1/2015 17:31	65.7	20/1/2015 12:01	65.6	24/1/2015 18:31	64.4
29/12/2014 11:31	66.3	3/1/2015 17:01	67.0	9/1/2015 11:31	66.9	14/1/2015 18:01	65.0	20/1/2015 12:31	66.0	26/1/2015 7:01	65.1
29/12/2014 12:01	65.7	3/1/2015 17:31	66.3	9/1/2015 12:01	65.6	14/1/2015 18:31	65.3	20/1/2015 13:01	66.5	26/1/2015 7:31	66.2
29/12/2014 12:31	67.0	3/1/2015 18:01	65.3	9/1/2015 12:31	66.2	14/1/2015 19:01	65.4	20/1/2015 13:31	66.6	26/1/2015 8:01	66.1
29/12/2014 13:01	66.8	3/1/2015 18:31	65.0	9/1/2015 13:01	68.6	14/1/2015 19:31	66.5	20/1/2015 14:01	66.1	26/1/2015 8:31	65.8
29/12/2014 13:31	66.7	5/1/2015 7:01	64.8	9/1/2015 13:31	68.5	14/1/2015 20:01	67.3	20/1/2015 14:31	66.0	26/1/2015 9:01	66.1
29/12/2014 14:01	66.6	5/1/2015 7:31	66.2	9/1/2015 14:01	68.6	14/1/2015 20:31	68.6	20/1/2015 15:01	66.1	26/1/2015 9:31	66.5
29/12/2014 14:31	66.7	5/1/2015 8:01	66.9	9/1/2015 14:31	68.2	14/1/2015 21:01	68.6	20/1/2015 15:31	66.4	26/1/2015 10:01	67.5
29/12/2014 15:01	66.4	5/1/2015 8:31	66.8	9/1/2015 15:01	67.8	14/1/2015 21:31	68.6	20/1/2015 16:01	65.8	26/1/2015 10:31	67.5
29/12/2014 15:31	65.9	5/1/2015 9:01	67.3	9/1/2015 15:31	68.0	14/1/2015 22:01	68.5	20/1/2015 16:31	65.8	26/1/2015 11:01	66.6
29/12/2014 16:01	66.0	5/1/2015 9:31	67.7	9/1/2015 16:01	68.7	14/1/2015 22:31	68.4	20/1/2015 17:01	66.5	26/1/2015 11:31	66.3
29/12/2014 16:31	66.4	5/1/2015 10:01	67.3	9/1/2015 16:31	67.5	14/1/2015 23:01	68.7	20/1/2015 17:31	65.4	26/1/2015 12:01	66.3
29/12/2014 17:01	66.1	5/1/2015 10:31	67.6	9/1/2015 17:01	67.2	14/1/2015 23:31	67.1	20/1/2015 18:01	65.6	26/1/2015 12:31	65.6
29/12/2014 17:31	65.6	5/1/2015 11:01	67.2	9/1/2015 17:31	66.2	14/1/2015 24:01	66.3	20/1/2015 18:31	65.5	26/1/2015 13:01	66.3
29/12/2014 18:01	65.2	5/1/2015 11:31	66.4	9/1/2015 18:01	65.7	15/1/2015 12:31	66.1	21/1/2015 7:01	64.5	26/1/2015 13:31	66.5
29/12/2014 18:31	64.8	5/1/2015 12:01	65.6	9/1/2015 18:31	65.5	15/1/2015 13:01	67.7	21/1/2015 7:31	66.0	26/1/2015 14:01	66.0
30/12/2014 7:01	65.2	5/1/2015 12:31	66.5	10/1/2015 7:01	64.0	15/1/2015 13:31	68.4	21/1/2015 8:01	66.4	26/1/2015 14:31	66.1
30/12/2014 7:31	66.7	5/1/2015 13:01	67.8	10/1/2015 7:31	65.5	15/1/2015 14:01	68.3	21/1/2015 8:31	66.3	26/1/2015 15:01	66.3
30/12/2014 8:01	68.0	5/1/2015 13:31	67.8	10/1/2015 8:01	67.2	15/1/2015 14:31	68.1	21/1/2015 9:01	66.8	26/1/2015 15:31	65.5
30/12/2014 8:31	67.7	5/1/2015 14:01	67.0	10/1/2015 8:31	67.9	15/1/2015 15:01	67.5	21/1/2015 9:31	66.8	26/1/2015 16:01	67.4
30/12/2014 9:01	67.4	5/1/2015 14:31	66.9	10/1/2015 9:01	67.8	15/1/2015 15:31	67.8	21/1/2015 10:01	66.5	26/1/2015 16:31	67.0
30/12/2014 9:31	68.2	5/1/2015 15:01	66.8	10/1/2015 9:31	67.4	15/1/2015 16:01	67.8	21/1/2015 10:31	66.4	26/1/2015 17:01	66.2
30/12/2014 10:01	71.4	5/1/2015 15:31	66.7	10/1/2015 10:01	67.3	15/1/2015 16:31	66.7	21/1/2015 11:01	66.5	26/1/2015 17:31	65.2
30/12/2014 10:31	70.0	5/1/2015 16:01	66.7	10/1/2015 10:31	67.8	15/1/2015 17:01	66.8	21/1/2015 11:31	66.3	26/1/2015 18:01	65.8
30/12/2014 11:01	69.8	5/1/2015 16:31	67.6	10/1/2015 11:01	67.9	15/1/2015 17:31	66.1	21/1/2015 12:01	65.8	26/1/2015 18:31	66.3
30/12/2014 11:31	68.1	5/1/2015 17:01	67.0	10/1/2015 11:31	66.9	15/1/2015 18:01	65.8	21/1/2015 12:31	65.8	27/1/2015 7:01	64.5
30/12/2014 12:01	66.4	5/1/2015 17:31	66.0	10/1/2015 12:01	66.0	15/1/2015 18:31	65.6	21/1/2015 13:01	67.0	27/1/2015 7:31	65.8
30/12/2014 12:31	66.4	5/1/2015 18:01	66.0	10/1/2015 12:31	65.7	15/1/2015 19:01	64.8	21/1/2015 13:31	67.1	27/1/2015 8:01	66.4
30/12/2014 13:01	66.4	5/1/2015 18:31	65.7	10/1/2015 13:01	67.4	15/1/2015 19:31	66.4	21/1/2015 14:01	66.6	27/1/2015 8:31	66.1
30/12/2014 13:31	67.9	6/1/2015 7:01	64.8	10/1/2015 13:31	67.1	15/1/2015 20:01	66.2	21/1/2015 14:31	66.0	27/1/2015 9:01	66.6
30/12/2014 14:01	67.1	6/1/2015 7:31	65.9	10/1/2015 14:01	67.0	15/1/2015 20:31	65.9	21/1/2015 15:01	66.6	27/1/2015 9:31	67.1
30/12/2014 14:31	66.9	6/1/2015 8:01	66.4	10/1/2015 14:31	67.3	15/1/2015 21:01	67.1	21/1/2015 15:31	66.1	27/1/2015 10:01	66.8
30/12/2014 15:01	71.1	6/1/2015 8:31	66.1	10/1/2015 15:01	66.8	15/1/2015 21:31	67.2	21/1/2015 16:01	66.5	27/1/2015 10:31	66.9
30/12/2014 15:31	66.6	6/1/2015 9:01	66.6	10/1/2015 15:31	67.2	15/1/2015 22:01	67.8	21/1/2015 16:31	66.4	27/1/2015 11:01	66.4
30/12/2014 16:01	66.4	6/1/2015 9:31	67.0	10/1/2015 16:01	67.2	15/1/2015 22:31	67.4	21/1/2015 17:01	66.7	27/1/2015 11:31	66.7
30/12/2014 16:31	68.9	6/1/2015 10:01	67.2	10/1/2015 16:31	67.5	15/1/2015 23:01	67.8	21/1/2015 17:31	66.4	27/1/2015 12:01	66.1
30/12/2014 17:01	66.9	6/1/2015 10:31	67.4	10/1/2015 17:01	66.8	15/1/2015 23:31	66.4	21/1/2015 18:01	66.3	27/1/2015 12:31	66.7
30/12/2014 17:31	66.5	6/1/2015 11:01	67.0	10/1/2015 17:31	65.9	15/1/2015 24:01	66.3	21/1/2015 18:31	66.3	27/1/2015 13:01	66.9
30/12/2014 18:01	65.4	6/1/2015 11:31	66.4	10/1/2015 18:01	65.5	16/1/2015 12:31	66.0	22/1/2015 7:01	64.4	27/1/2015 13:31	66.9
30/12/2014 18:31	66.0	6/1/2015 12:01	65.3	10/1/2015 18:31	65.0	16/1/2015 13:01	67.1	22/1/2015 7:31	65.9	27/1/2015 14:01	67.0
31/12/2014 7:01	64.7	6/1/2015 12:31	66.2	10/1/2015 19:01	64.0	16/1/2015 13:31	67.8	22/1/2015 8:01	65.8	27/1/2015 14:31	66.5
31/12/2014 7:31	66.5	6/1/2015 13:01	66.5	10/1/2015 19:31	65.5	16/1/2015 14:01	67.0	22/1/2015 8:31	65.2	27/1/2015 15:01	66.8
31/12/2014 8:01	67.1	6/1/2015 13:31	66.5	10/1/2015 20:01	66.0	16/1/2015 14:31	66.9	22/1/2015 9:01	66.7	27/1/2015 15:31	66.9
31/12/2014 8:31	66.9	6/1/2015 14:01	66.9	10/1/2015 20:31	65.3	16/1/2015 15:01	66.5	22/1/2015 9:31	66.5	27/1/2015 16:01	67.2
31/12/2014 9:01	67.0	6/1/2015 14:31	66.9	10/1/2015 21:01	67.4	16/1/2015 15:31	66.5	22/1/2015 10:01	65.7	27/1/2015 16:31	66.3
31/12/2014 9:31	66.9	6/1/2015 15:01	66.4	10/1/2015 21:31	67.7	16/1/2015 16:01	67.6	22/1/2015 10:31	65.9	27/1/2015 17:01	66.2
31/12/2014 10:01	66.9	6/1/2015 15:31	67.0	10/1/2015 22:01	67.9	16/1/2015 16:31	67.7	22/1/2015 11:01	66.3	27/1/2015 17:31	66.6
31/12/2014 10:31	66.8	6/1/2015 16:01	66.6	10/1/2015 22:31	67.8	16/1/2015 17:01	67.2	22/1/2015 11:31	65.3	27/1/2015 18:01	66.4
31/12/2014 11:01	66.4	6/1/2015 16:31	66.5	10/1/2015 23:01	67.3	16/1/2015 17:31	66.0	22/1/2015 12:01	64.8	27/1/2015 18:31	66.3
31/12/2014 11:31	66.4	6/1/2015 17:01	66.2	10/1/2015 23:31	67.3	16/1/2015 18:01	66.0	22/1/2015 12:31	65.4		
31/12/2014 12:01	65.9	6/1/2015 17:31	66.7	10/1/2015 24:01	65.7	16/1/2015 18:31	66.2	22/1/2015 13:01	65.3		
31/12/2014 12:31	66.0	6/1/2015 18:01	66.5	10/1/2015 24:31	66.5	16/1/2015 19:01	66.2	22/1/2015 13:31	66.1		
31/12/2014 13:01	66.2	6/1/2015 18:31	65.9	10/1/2015 25:01	68.2	16/1/2015 19:31	66.2	22/1/2015 14:01	65.5		
31/12/2014 13:31	66.2	7/1/2015 7:01	64.3	10/1/2015 25:31	68.7	16/1/2015 20:01	67.1	22/1/2015 14:31	65.8		
31/12/2014 14:01	66.2	7/1/2015 7:31	65.9	10/1/2015 26:01	68.7	16/1/2015 20:31	67.4	22/1/2015 15:01	66.7	28/12/2014 7:01	64.3
31/12/2014 14:31	66.5	7/1/2015 8:01	66.5	10/1/2015 26:31	68.1	16/1/2015 21:01	67.3	22/1/2015 15:31	65.1	28/12/2014 7:06	63.5
31/12/2014 15:01	66.2	7/1/2015 8:31	66.7	10/1/2015 27:01	68.8	16/1/2015 21:31	66.8	22/1/2015 16:01	65.3	28/12/2014 7:11	64.6
31/12/2014 15:31	66.3	7/1/2015 9:01	66.9	10/1/2015 27:31	68.7	16/1/2015 22:01	66.8	22/1/2015 16:31	65.5	28/12/2014 7:16	63.7
31/12/2014 16:01	66.2	7/1/2015 9:31	66.8	10/1/2015 28:01	68.8	16/1/2015 22:31	66.5	22/1/2015 17:01	66.1	28/12/2014 7:21	64.0
31/12/2014 16:31	66.3	7/1/2015 10:01	67.0	10/1/2015 28:31	69.2	16/1/2015 23:01	66.6	22/1/2015 17:31	66.2	28/12/2014 7:26	64.6
31/12/2014 17:01	66.3	7/1/2015 10:31	66.8	10/1/2015 29:01	68.5	16/1/2015 23:31	66.5	22/1/2015 18:01	66.1	28/12/2014 7:31	65.7
31/12/2014 17:31	66.1	7/1/2015 11:01	66.9	10/1/2015 29:31	67.2	16/1/201					

Real-time Noise Data	RTN1 (Food and Environmental Hygiene Department Depot)					
28/12/2014 10:56 66.6	28/12/2014 20:01 65.1	30/12/2014 21:06 64.1	1/1/2015 10:11 64.5	1/1/2015 19:16 64.7	3/1/2015 20:21 66.3	
28/12/2014 11:01 65.1	28/12/2014 20:06 64.9	30/12/2014 21:11 64.2	1/1/2015 10:16 64.3	1/1/2015 19:21 65.2	3/1/2015 20:26 64.7	
28/12/2014 11:06 66.4	28/12/2014 20:11 64.8	30/12/2014 21:16 64.1	1/1/2015 10:21 64.1	1/1/2015 19:26 64.7	3/1/2015 20:31 64.0	
28/12/2014 11:11 66.1	28/12/2014 20:16 65.2	30/12/2014 21:21 64.3	1/1/2015 10:26 65.3	1/1/2015 19:31 64.1	3/1/2015 20:36 64.1	
28/12/2014 11:16 66.8	28/12/2014 20:21 65.0	30/12/2014 21:26 64.1	1/1/2015 10:31 64.2	1/1/2015 19:36 63.9	3/1/2015 20:41 64.4	
28/12/2014 11:21 66.5	28/12/2014 20:26 64.6	30/12/2014 21:31 64.1	1/1/2015 10:36 64.0	1/1/2015 19:41 64.2	3/1/2015 20:46 64.3	
28/12/2014 11:26 66.2	28/12/2014 20:31 64.7	30/12/2014 21:36 65.3	1/1/2015 10:41 64.4	1/1/2015 19:46 64.5	3/1/2015 20:51 63.5	
28/12/2014 11:31 66.8	28/12/2014 20:36 65.2	30/12/2014 21:41 64.6	1/1/2015 10:46 64.6	1/1/2015 19:51 64.3	3/1/2015 20:56 64.2	
28/12/2014 11:36 66.1	28/12/2014 20:41 65.0	30/12/2014 21:46 64.1	1/1/2015 10:51 65.5	1/1/2015 19:56 64.0	3/1/2015 21:01 63.7	
28/12/2014 11:41 66.6	28/12/2014 20:46 64.8	30/12/2014 21:51 64.5	1/1/2015 10:56 64.9	1/1/2015 20:01 63.6	3/1/2015 21:06 63.9	
28/12/2014 11:46 65.7	28/12/2014 20:51 64.8	30/12/2014 21:56 64.7	1/1/2015 11:01 65.5	1/1/2015 20:06 64.0	3/1/2015 21:11 64.8	
28/12/2014 11:51 65.6	28/12/2014 20:56 65.0	30/12/2014 22:01 64.9	1/1/2015 11:06 65.0	1/1/2015 20:11 63.4	3/1/2015 21:16 63.7	
28/12/2014 11:56 65.9	28/12/2014 21:01 64.9	30/12/2014 22:06 64.8	1/1/2015 11:11 65.4	1/1/2015 20:16 63.6	3/1/2015 21:21 64.3	
28/12/2014 12:01 65.1	28/12/2014 21:06 65.3	30/12/2014 22:11 64.3	1/1/2015 11:16 65.2	1/1/2015 20:21 63.8	3/1/2015 21:26 64.3	
28/12/2014 12:06 65.2	28/12/2014 21:11 64.6	30/12/2014 22:16 64.5	1/1/2015 11:21 64.6	1/1/2015 20:26 63.4	3/1/2015 21:31 64.0	
28/12/2014 12:11 65.7	28/12/2014 21:16 65.0	30/12/2014 22:21 64.5	1/1/2015 11:26 64.5	1/1/2015 20:31 63.2	3/1/2015 21:36 63.8	
28/12/2014 12:16 65.7	28/12/2014 21:21 64.7	30/12/2014 22:26 64.5	1/1/2015 11:31 64.4	1/1/2015 20:36 63.3	3/1/2015 21:41 64.1	
28/12/2014 12:21 65.7	28/12/2014 21:26 64.8	30/12/2014 22:31 64.3	1/1/2015 11:36 64.8	1/1/2015 20:41 63.3	3/1/2015 21:46 63.7	
28/12/2014 12:26 66.6	28/12/2014 21:31 65.3	30/12/2014 22:36 64.9	1/1/2015 11:41 64.6	1/1/2015 20:46 64.2	3/1/2015 21:51 64.2	
28/12/2014 12:31 66.6	28/12/2014 21:36 65.1	30/12/2014 22:41 64.3	1/1/2015 11:46 63.3	1/1/2015 20:51 63.3	3/1/2015 21:56 64.4	
28/12/2014 12:36 66.2	28/12/2014 21:41 65.3	30/12/2014 22:46 64.2	1/1/2015 11:51 63.8	1/1/2015 20:56 63.5	3/1/2015 22:01 64.5	
28/12/2014 12:41 66.4	28/12/2014 21:46 65.3	30/12/2014 22:51 64.5	1/1/2015 11:56 64.2	1/1/2015 21:01 63.8	3/1/2015 22:06 64.3	
28/12/2014 12:46 66.5	28/12/2014 21:51 65.2	30/12/2014 22:56 63.9	1/1/2015 12:01 64.3	1/1/2015 21:06 63.7	3/1/2015 22:11 66.2	
28/12/2014 12:51 66.0	28/12/2014 21:56 65.2	31/12/2014 19:01 66.0	1/1/2015 12:06 63.9	1/1/2015 21:11 63.9	3/1/2015 22:16 64.7	
28/12/2014 12:56 66.9	28/12/2014 22:01 64.6	31/12/2014 19:06 65.7	1/1/2015 12:11 64.3	1/1/2015 21:16 63.9	3/1/2015 22:21 63.9	
28/12/2014 13:01 66.4	28/12/2014 22:06 65.4	31/12/2014 19:11 65.9	1/1/2015 12:16 65.3	1/1/2015 21:21 63.5	3/1/2015 22:26 64.2	
28/12/2014 13:06 65.7	28/12/2014 22:11 65.3	31/12/2014 19:16 65.7	1/1/2015 12:21 64.1	1/1/2015 21:26 63.7	3/1/2015 22:31 63.5	
28/12/2014 13:11 65.5	28/12/2014 22:16 65.4	31/12/2014 19:21 66.0	1/1/2015 12:26 64.4	1/1/2015 21:31 64.0	3/1/2015 22:36 64.2	
28/12/2014 13:16 66.3	28/12/2014 22:21 65.4	31/12/2014 19:26 65.9	1/1/2015 12:31 64.5	1/1/2015 21:36 63.7	3/1/2015 22:41 64.9	
28/12/2014 13:21 65.8	28/12/2014 22:26 65.1	31/12/2014 19:31 64.6	1/1/2015 12:36 64.2	1/1/2015 21:41 64.3	3/1/2015 22:46 64.0	
28/12/2014 13:26 66.3	28/12/2014 22:31 64.9	31/12/2014 19:36 65.0	1/1/2015 12:41 64.6	1/1/2015 21:46 64.0	3/1/2015 22:51 65.1	
28/12/2014 13:31 66.5	28/12/2014 22:36 67.0	31/12/2014 19:41 65.1	1/1/2015 12:46 65.0	1/1/2015 21:51 63.5	3/1/2015 22:56 63.6	
28/12/2014 13:36 66.5	28/12/2014 22:41 64.9	31/12/2014 19:46 65.0	1/1/2015 12:51 65.0	1/1/2015 21:56 63.7	4/1/2015 7:01 62.6	
28/12/2014 13:41 66.4	28/12/2014 22:46 64.6	31/12/2014 19:51 65.1	1/1/2015 12:56 64.6	1/1/2015 22:01 64.2	4/1/2015 7:06 62.8	
28/12/2014 13:46 66.9	28/12/2014 22:51 65.2	31/12/2014 19:56 64.8	1/1/2015 13:01 64.9	1/1/2015 22:06 63.8	4/1/2015 7:11 62.1	
28/12/2014 13:51 66.6	28/12/2014 22:56 63.7	31/12/2014 20:01 64.7	1/1/2015 13:06 65.2	1/1/2015 22:11 63.7	4/1/2015 7:16 62.1	
28/12/2014 13:56 65.9	29/12/2014 19:01 65.5	31/12/2014 20:06 64.5	1/1/2015 13:11 64.8	1/1/2015 22:16 64.2	4/1/2015 7:21 67.0	
28/12/2014 14:01 65.4	29/12/2014 19:06 65.2	31/12/2014 20:11 64.8	1/1/2015 13:16 65.0	1/1/2015 22:21 63.7	4/1/2015 7:26 62.8	
28/12/2014 14:06 66.0	29/12/2014 19:11 65.3	31/12/2014 20:16 64.6	1/1/2015 13:21 64.7	1/1/2015 22:26 64.0	4/1/2015 7:31 63.0	
28/12/2014 14:11 65.8	29/12/2014 19:16 65.0	31/12/2014 20:21 64.1	1/1/2015 13:26 64.7	1/1/2015 22:31 64.2	4/1/2015 7:36 63.2	
28/12/2014 14:16 66.0	29/12/2014 19:21 65.3	31/12/2014 20:26 64.1	1/1/2015 13:31 65.7	1/1/2015 22:36 63.7	4/1/2015 7:41 63.8	
28/12/2014 14:21 66.7	29/12/2014 19:26 64.9	31/12/2014 20:31 64.3	1/1/2015 13:36 64.8	1/1/2015 22:41 63.9	4/1/2015 7:46 63.3	
28/12/2014 14:26 65.4	29/12/2014 19:31 64.7	31/12/2014 20:36 64.3	1/1/2015 13:41 64.3	1/1/2015 22:46 63.8	4/1/2015 7:51 63.5	
28/12/2014 14:31 65.6	29/12/2014 19:36 65.8	31/12/2014 20:41 64.5	1/1/2015 13:46 64.7	1/1/2015 22:51 63.7	4/1/2015 7:56 63.6	
28/12/2014 14:36 65.8	29/12/2014 19:41 65.3	31/12/2014 20:46 64.7	1/1/2015 13:51 64.1	1/1/2015 22:56 63.7	4/1/2015 8:01 63.3	
28/12/2014 14:41 66.0	29/12/2014 19:46 65.2	31/12/2014 20:51 64.7	1/1/2015 13:56 64.5	2/1/2015 19:01 65.3	4/1/2015 8:06 63.7	
28/12/2014 14:46 65.9	29/12/2014 19:51 65.0	31/12/2014 20:56 64.5	1/1/2015 14:01 64.5	2/1/2015 19:06 66.1	4/1/2015 8:11 64.3	
28/12/2014 14:51 65.9	29/12/2014 19:56 65.0	31/12/2014 21:01 64.1	1/1/2015 14:06 64.9	2/1/2015 19:11 65.5	4/1/2015 8:16 64.0	
28/12/2014 14:56 65.5	29/12/2014 20:01 64.8	31/12/2014 21:06 63.7	1/1/2015 14:11 64.8	2/1/2015 19:16 65.4	4/1/2015 8:21 64.6	
28/12/2014 15:01 65.7	29/12/2014 20:06 65.2	31/12/2014 21:11 63.3	1/1/2015 14:16 64.8	2/1/2015 19:21 65.6	4/1/2015 8:26 65.0	
28/12/2014 15:06 65.8	29/12/2014 20:11 64.2	31/12/2014 21:16 64.0	1/1/2015 14:21 64.8	2/1/2015 19:26 65.4	4/1/2015 8:31 64.4	
28/12/2014 15:11 65.7	29/12/2014 20:16 64.9	31/12/2014 21:21 63.9	1/1/2015 14:26 64.6	2/1/2015 19:31 65.4	4/1/2015 8:36 64.4	
28/12/2014 15:16 65.5	29/12/2014 20:21 64.9	31/12/2014 21:26 63.8	1/1/2015 14:31 64.3	2/1/2015 19:36 65.8	4/1/2015 8:41 64.6	
28/12/2014 15:21 65.9	29/12/2014 20:26 64.5	31/12/2014 21:31 63.9	1/1/2015 14:36 64.5	2/1/2015 19:41 65.3	4/1/2015 8:46 65.3	
28/12/2014 15:26 66.1	29/12/2014 20:31 64.6	31/12/2014 21:36 64.1	1/1/2015 14:41 64.8	2/1/2015 19:46 65.2	4/1/2015 8:51 63.8	
28/12/2014 15:31 66.2	29/12/2014 20:36 64.4	31/12/2014 21:41 63.8	1/1/2015 14:46 64.4	2/1/2015 19:51 65.1	4/1/2015 8:56 64.8	
28/12/2014 15:36 66.1	29/12/2014 20:41 64.9	31/12/2014 21:46 64.2	1/1/2015 14:51 64.6	2/1/2015 19:56 64.9	4/1/2015 9:01 64.6	
28/12/2014 15:41 66.3	29/12/2014 20:46 64.4	31/12/2014 21:51 65.0	1/1/2015 14:56 64.7	2/1/2015 20:01 64.3	4/1/2015 9:06 65.1	
28/12/2014 15:46 66.6	29/12/2014 20:51 64.4	31/12/2014 21:56 64.7	1/1/2015 15:01 64.9	2/1/2015 20:06 64.9	4/1/2015 9:11 64.4	
28/12/2014 15:51 65.9	29/12/2014 20:56 65.6	31/12/2014 22:01 64.3	1/1/2015 15:06 65.1	2/1/2015 20:11 64.4	4/1/2015 9:16 64.8	
28/12/2014 15:56 67.2	29/12/2014 21:01 63.9	31/12/2014 22:06 63.8	1/1/2015 15:11 64.8	2/1/2015 20:16 65.1	4/1/2015 9:21 64.8	
28/12/2014 16:01 66.3	29/12/2014 21:06 65.3	31/12/2014 22:11 63.8	1/1/2015 15:16 64.7	2/1/2015 20:21 64.9	4/1/2015 9:26 65.3	
28/12/2014 16:06 65.8	29/12/2014 21:11 64.4	31/12/2014 22:16 64.2	1/1/2015 15:21 65.3	2/1/2015 20:26 64.8	4/1/2015 9:31 65.5	
28/12/2014 16:11 66.1	29/12/2014 21:16 66.2	31/12/2014 22:21 64.2	1/1/2015 15:26 64.6	2/1/2015 20:31 64.7	4/1/2015 9:36 65.0	
28/12/2014 16:16 65.8	29/12/2014 21:21 64.2	31/12/2014 22:26 64.0	1/1/2015 15:31 64.6	2/1/2015 20:36 65.4	4/1/2015 9:41 65.6	
28/12/2014 16:21 65.5	29/12/2014 21:26 64.3	31/12/2014 22:31 64.3	1/1/2015 15:36 64.6	2/1/2015 20:41 64.1	4/1/2015 9:46 65.0	
28/12/2014 16:26 65.5	29/12/2014 21:31 64.3	31/12/2014 22:36 64.7	1/1/2015 15:41 64.1	2/1/2015 20:46 63.8	4/1/2015 9:51 65.1	
28/12/2014 16:31 66.0	29/12/2014 21:36 64.5	31/12/2014 22:41 64.8	1/1/2015 15:46 64.7	2/1/2015 20:51 63.9	4/1/2015 9:56 65.1	
28/12/2014 16:36 65.5	29/12/2014 21:41 63.9	31/12/2014 22:46 65.5	1/1/2015 15:51 64.2	2/1/2015 20:56 64.8	4/1/2015 10:01 64.9	
28/12/2014 16:41 66.3	29/12/2014 21:46 64.1	31/12/2014 22:51 64.3	1/1/2015 15:56 64.8	2/1/2015 21:01 63.8	4/1/2015 10:06 64.7	
28/12/2014 16:46 65.9	29/12/2014 21:51 64.2	31/12/2014 22:56 64.2	1/1/2015 16:01 64.7	2/1/2015 21:06 63.8	4/1/2015 10:11 64.8	
28/12/2014 16:51 66.2	29/12/2014 21:56 64.8	1/1/2015 7:01 62.7	1/1/2015 16:06 64.7	2/1/2015 21:11 64.0	4/1/2015 10:16 64.7	
28/12/2014 16:56 66.0	29/12/2014 22:01 64.4	1/1/2015 7:06 63.3	1/1/2015 16:11 64.1	2/1/2015 21:16 64.7	4/1/2015 10:21 64.4	
28/12/2014 17:01 65.7	29/12/2014 22:06 64.7	1/1/2015 7:11 62.9	1/1/2015 16:16 64.6	2/1/2015 21:21 63.5	4/1/2015 10:26 65.4	
28/12/2014 17:06 65.9	29/12/2014 22:11 64.5	1/1/2015 7:16 63.5	1/1/2015 16:21 65.0	2/1/2015 21:26 64.5	4/1/2015 10:31 64.6	
28/12/2014 17:11 66.1	29/12/2014 22:16 64.6	1/1/2015 7:21 62.6	1/1/2015 16:26 63.4	2/1/2015 21:31 64.4	4/1/2015 10:36 64.8	
28/12/2014 17:16 65.6	29/12/2014 22:21 64.4	1/1/2015 7:26 65.2	1/1/2015 16:31 63.8	2/1/2015 21:36 64.5	4/1/2015 10:41 65.2	
28/12/2014 17:21 66.4	29/12/2014 22:26 64.6	1/1/2015 7:31 59.8	1/1/2015 16:36 64.9	2/1/2015 21:41 64.1	4/1/2015 10:46 65.4	
28/12/2014 17:26 65.8	29/12/2014 22:31 64.6	1/1/2015 7:36 62.6	1/1/2015 16:41 64.5	2/1/2015 21:46 64.4	4/1/2015 10:51 66.4	
28/12/2014 17:31 66.3	29/12/2014 22:36 64.3	1/1/2015 7:41 63.1	1/1/2015 16:46 64.7	2/1/2015 21:51		

Real-time Noise Data		RTN1 (Food and Environmental Hygiene Department Depot)									
4/1/2015 13:26	64.1	4/1/2015 22:31	63.4	7/1/2015 19:36	64.6	9/1/2015 20:41	64.9	11/1/2015 9:46	64.6	11/1/2015 18:51	64.7
4/1/2015 13:31	63.8	4/1/2015 22:36	64.0	7/1/2015 19:41	65.2	9/1/2015 20:46	64.3	11/1/2015 9:51	65.0	11/1/2015 18:56	64.3
4/1/2015 13:36	64.6	4/1/2015 22:41	64.5	7/1/2015 19:46	64.7	9/1/2015 20:51	64.5	11/1/2015 9:56	65.9	11/1/2015 19:01	64.0
4/1/2015 13:41	64.8	4/1/2015 22:46	63.9	7/1/2015 19:51	64.7	9/1/2015 20:56	63.8	11/1/2015 10:01	64.6	11/1/2015 19:06	64.8
4/1/2015 13:46	65.9	4/1/2015 22:51	63.5	7/1/2015 19:56	65.4	9/1/2015 21:01	63.7	11/1/2015 10:06	64.8	11/1/2015 19:11	64.2
4/1/2015 13:51	64.8	4/1/2015 22:56	65.0	7/1/2015 20:01	65.1	9/1/2015 21:06	64.7	11/1/2015 10:11	64.7	11/1/2015 19:16	64.7
4/1/2015 13:56	64.8	5/1/2015 19:01	65.1	7/1/2015 20:06	64.6	9/1/2015 21:11	63.6	11/1/2015 10:16	65.3	11/1/2015 19:21	64.9
4/1/2015 14:01	64.6	5/1/2015 19:06	65.2	7/1/2015 20:11	66.0	9/1/2015 21:16	64.0	11/1/2015 10:21	65.8	11/1/2015 19:26	64.2
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4/1/2015 14:26	64.7	5/1/2015 19:31	64.4	7/1/2015 20:36	64.8	9/1/2015 21:41	63.2	11/1/2015 10:46	64.4	11/1/2015 19:51	64.2
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4/1/2015 15:01	65.3	5/1/2015 20:06	64.9	7/1/2015 21:11	64.4	9/1/2015 22:16	64.0	11/1/2015 11:21	65.7	11/1/2015 20:26	63.7
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4/1/2015 15:16	65.2	5/1/2015 20:21	64.4	7/1/2015 21:26	64.5	9/1/2015 22:31	64.1	11/1/2015 11:36	64.6	11/1/2015 20:41	63.6
4/1/2015 15:21	64.4	5/1/2015 20:26	63.9	7/1/2015 21:31	64.0	9/1/2015 22:36	64.3	11/1/2015 11:41	64.5	11/1/2015 20:46	63.5
4/1/2015 15:26	65.4	5/1/2015 20:31	64.7	7/1/2015 21:36	64.8	9/1/2015 22:41	64.4	11/1/2015 11:46	64.5	11/1/2015 20:51	65.0
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4/1/2015 15:36	65.0	5/1/2015 20:41	65.4	7/1/2015 21:46	63.9	9/1/2015 22:51	64.7	11/1/2015 11:56	63.1	11/1/2015 21:01	62.7
4/1/2015 15:41	65.7	5/1/2015 20:46	65.1	7/1/2015 21:51	64.4	9/1/2015 22:56	64.0	11/1/2015 12:01	64.1	11/1/2015 21:06	63.5
4/1/2015 15:46	64.9	5/1/2015 20:51	64.2	7/1/2015 21:56	64.0	10/1/2015 19:01	63.8	11/1/2015 12:06	63.5	11/1/2015 21:11	63.9
4/1/2015 15:51	65.0	5/1/2015 20:56	64.0	7/1/2015 22:01	63.8	10/1/2015 19:06	63.7	11/1/2015 12:11	63.8	11/1/2015 21:16	65.4
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4/1/2015 16:01	64.7	5/1/2015 21:06	64.3	7/1/2015 22:11	64.8	10/1/2015 19:16	64.3	11/1/2015 12:21	64.2	11/1/2015 21:26	63.8
4/1/2015 16:06	64.8	5/1/2015 21:11	64.2	7/1/2015 22:16	64.1	10/1/2015 19:21	65.4	11/1/2015 12:26	63.7	11/1/2015 21:31	63.8
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4/1/2015 17:21	65.4	5/1/2015 22:26	64.2	8/1/2015 19:31	64.9	10/1/2015 20:36	64.3	11/1/2015 13:41	65.6	11/1/2015 22:46	62.8
4/1/2015 17:26	65.8	5/1/2015 22:31	64.6	8/1/2015 19:36	65.0	10/1/2015 20:41	64.2	11/1/2015 13:46	64.3	11/1/2015 22:51	63.1
4/1/2015 17:31	65.2	5/1/2015 22:36	63.6	8/1/2015 19:41	65.2	10/1/2015 20:46	64.0	11/1/2015 13:51	64.5	11/1/2015 22:56	63.0
4/1/2015 17:36	65.7	5/1/2015 22:41	63.7	8/1/2015 19:46	65.4	10/1/2015 20:51	64.3	11/1/2015 13:56	64.5	12/1/2015 19:01	68.1
4/1/2015 17:41	64.8	5/1/2015 22:46	63.6	8/1/2015 19:51	65.3	10/1/2015 20:56	64.3	11/1/2015 14:01	64.6	12/1/2015 19:06	67.1
4/1/2015 17:46	64.4	5/1/2015 22:51	64.7	8/1/2015 19:56	64.8	10/1/2015 21:01	64.2	11/1/2015 14:06	65.4	12/1/2015 19:11	67.5
4/1/2015 17:51	64.9	5/1/2015 22:56	63.7	8/1/2015 20:01	64.9	10/1/2015 21:06	64.3	11/1/2015 14:11	66.2	12/1/2015 19:16	67.5
4/1/2015 17:56	65.6	6/1/2015 19:01	65.9	8/1/2015 20:06	64.6	10/1/2015 21:11	64.1	11/1/2015 14:16	65.1	12/1/2015 19:21	68.4
4/1/2015 18:01	64.9	6/1/2015 19:06	65.8	8/1/2015 20:11	65.4	10/1/2015 21:16	64.1	11/1/2015 14:21	65.6	12/1/2015 19:26	68.2
4/1/2015 18:06	65.1	6/1/2015 19:11	66.2	8/1/2015 20:16	64.5	10/1/2015 21:21	64.4	11/1/2015 14:26	65.3	12/1/2015 19:31	67.8
4/1/2015 18:11	64.8	6/1/2015 19:16	66.0	8/1/2015 20:21	64.7	10/1/2015 21:26	64.7	11/1/2015 14:31	65.1	12/1/2015 19:36	68.0
4/1/2015 18:16	65.0	6/1/2015 19:21	65.7	8/1/2015 20:26	64.2	10/1/2015 21:31	63.8	11/1/2015 14:36	64.7	12/1/2015 19:41	68.5
4/1/2015 18:21	65.1	6/1/2015 19:26	65.2	8/1/2015 20:31	64.5	10/1/2015 21:36	64.5	11/1/2015 14:41	65.7	12/1/2015 19:46	67.8
4/1/2015 18:26	65.4	6/1/2015 19:31	65.4	8/1/2015 20:36	64.4	10/1/2015 21:41	65.1	11/1/2015 14:46	64.9	12/1/2015 19:51	67.3
4/1/2015 18:31	64.9	6/1/2015 19:36	65.3	8/1/2015 20:41	64.7	10/1/2015 21:46	64.0	11/1/2015 14:51	64.9	12/1/2015 19:56	67.1
4/1/2015 18:36	64.7	6/1/2015 19:41	65.1	8/1/2015 20:46	64.5	10/1/2015 21:51	64.8	11/1/2015 14:56	67.9	12/1/2015 20:01	67.1
4/1/2015 18:41	64.3	6/1/2015 19:46	66.7	8/1/2015 20:51	64.0	10/1/2015 21:56	64.4	11/1/2015 15:01	64.9	12/1/2015 20:06	67.3
4/1/2015 18:46	64.8	6/1/2015 19:51	65.7	8/1/2015 20:56	64.8	10/1/2015 22:01	67.3	11/1/2015 15:06	65.2	12/1/2015 20:11	66.7
4/1/2015 18:51	64.9	6/1/2015 19:56	64.6	8/1/2015 21:01	63.9	10/1/2015 22:06	64.4	11/1/2015 15:11	64.8	12/1/2015 20:16	67.1
4/1/2015 18:56	64.9	6/1/2015 20:01	64.9	8/1/2015 21:06	65.0	10/1/2015 22:11	64.7	11/1/2015 15:16	65.4	12/1/2015 20:21	67.3
4/1/2015 19:01	64.8	6/1/2015 20:06	64.4	8/1/2015 21:11	65.0	10/1/2015 22:16	64.8	11/1/2015 15:21	65.1	12/1/2015 20:26	66.9
4/1/2015 19:06	64.6	6/1/2015 20:11	64.8	8/1/2015 21:16	64.3	10/1/2015 22:21	63.9	11/1/2015 15:26	64.8	12/1/2015 20:31	67.3
4/1/2015 19:11	64.1	6/1/2015 20:16	65.1	8/1/2015 21:21	64.0	10/1/2015 22:26	65.3	11/1/2015 15:31	64.8	12/1/2015 20:36	66.8
4/1/2											

Real-time Noise Data	RTN1 (Food and Environmental Hygiene Department Depot)										
13/1/2015 19:56	66.1	15/1/2015 21:01	64.8	17/1/2015 22:06	64.3	18/1/2015 15:11	64.8	19/1/2015 20:16	64.5	21/1/2015 21:21	64.1
13/1/2015 20:01	66.4	15/1/2015 21:06	64.8	17/1/2015 22:11	63.8	18/1/2015 15:16	64.7	19/1/2015 20:21	64.3	21/1/2015 21:26	64.7
13/1/2015 20:06	65.9	15/1/2015 21:11	64.7	17/1/2015 22:16	64.5	18/1/2015 15:21	64.9	19/1/2015 20:26	64.5	21/1/2015 21:31	63.7
13/1/2015 20:11	65.6	15/1/2015 21:16	64.9	17/1/2015 22:21	65.3	18/1/2015 15:26	64.8	19/1/2015 20:31	65.3	21/1/2015 21:36	64.2
13/1/2015 20:16	66.5	15/1/2015 21:21	64.9	17/1/2015 22:26	64.6	18/1/2015 15:31	65.0	19/1/2015 20:36	65.0	21/1/2015 21:41	64.5
13/1/2015 20:21	66.1	15/1/2015 21:26	64.4	17/1/2015 22:31	65.2	18/1/2015 15:36	65.0	19/1/2015 20:41	64.4	21/1/2015 21:46	64.1
13/1/2015 20:26	65.9	15/1/2015 21:31	65.2	17/1/2015 22:36	65.0	18/1/2015 15:41	64.8	19/1/2015 20:46	64.3	21/1/2015 21:51	64.0
13/1/2015 20:31	65.4	15/1/2015 21:36	64.3	17/1/2015 22:41	65.0	18/1/2015 15:46	65.0	19/1/2015 20:51	64.0	21/1/2015 21:56	63.8
13/1/2015 20:36	65.2	15/1/2015 21:41	64.4	17/1/2015 22:46	64.2	18/1/2015 15:51	64.8	19/1/2015 20:56	64.2	21/1/2015 22:01	63.8
13/1/2015 20:41	65.7	15/1/2015 21:46	64.6	17/1/2015 22:51	63.6	18/1/2015 15:56	65.1	19/1/2015 21:01	64.6	21/1/2015 22:06	65.0
13/1/2015 20:46	65.4	15/1/2015 21:51	64.6	17/1/2015 22:56	63.5	18/1/2015 16:01	65.3	19/1/2015 21:06	63.9	21/1/2015 22:11	64.1
13/1/2015 20:51	65.4	15/1/2015 21:56	64.6	18/1/2015 7:01	61.9	18/1/2015 16:06	65.0	19/1/2015 21:11	63.8	21/1/2015 22:16	64.2
13/1/2015 20:56	64.9	15/1/2015 22:01	64.7	18/1/2015 7:06	61.8	18/1/2015 16:11	64.8	19/1/2015 21:16	64.1	21/1/2015 22:21	64.4
13/1/2015 21:01	65.0	15/1/2015 22:06	64.4	18/1/2015 7:11	62.1	18/1/2015 16:16	65.4	19/1/2015 21:21	64.6	21/1/2015 22:26	64.3
13/1/2015 21:06	64.8	15/1/2015 22:11	64.4	18/1/2015 7:16	62.0	18/1/2015 16:21	64.9	19/1/2015 21:26	63.4	21/1/2015 22:31	63.9
13/1/2015 21:11	65.2	15/1/2015 22:16	64.4	18/1/2015 7:21	62.0	18/1/2015 16:26	65.4	19/1/2015 21:31	63.5	21/1/2015 22:36	64.5
13/1/2015 21:16	64.8	15/1/2015 22:21	64.8	18/1/2015 7:26	67.0	18/1/2015 16:31	64.8	19/1/2015 21:36	64.0	21/1/2015 22:41	64.5
13/1/2015 21:21	64.7	15/1/2015 22:26	64.5	18/1/2015 7:31	61.8	18/1/2015 16:36	65.7	19/1/2015 21:41	63.8	21/1/2015 22:46	63.6
13/1/2015 21:26	65.0	15/1/2015 22:31	65.0	18/1/2015 7:36	62.7	18/1/2015 16:41	64.9	19/1/2015 21:46	64.0	21/1/2015 22:51	64.5
13/1/2015 21:31	65.2	15/1/2015 22:36	64.2	18/1/2015 7:41	62.5	18/1/2015 16:46	64.9	19/1/2015 21:51	64.6	21/1/2015 22:56	64.4
13/1/2015 21:36	65.3	15/1/2015 22:41	64.9	18/1/2015 7:46	62.9	18/1/2015 16:51	64.8	19/1/2015 21:56	63.7	22/1/2015 19:01	66.8
13/1/2015 21:41	64.4	15/1/2015 22:46	64.3	18/1/2015 7:51	63.1	18/1/2015 16:56	65.1	19/1/2015 22:01	63.5	22/1/2015 19:06	66.3
13/1/2015 21:46	64.6	15/1/2015 22:51	64.3	18/1/2015 7:56	62.9	18/1/2015 17:01	64.7	19/1/2015 22:06	65.5	22/1/2015 19:11	65.5
13/1/2015 21:51	65.0	15/1/2015 22:56	63.8	18/1/2015 8:01	63.1	18/1/2015 17:06	65.4	19/1/2015 22:11	64.1	22/1/2015 19:16	65.6
13/1/2015 21:56	64.7	16/1/2015 19:01	66.8	18/1/2015 8:06	63.1	18/1/2015 17:11	65.7	19/1/2015 22:16	63.7	22/1/2015 19:21	66.2
13/1/2015 22:01	65.6	16/1/2015 19:06	65.8	18/1/2015 8:11	64.1	18/1/2015 17:16	64.9	19/1/2015 22:21	64.0	22/1/2015 19:26	65.4
13/1/2015 22:06	65.5	16/1/2015 19:11	66.1	18/1/2015 8:16	63.6	18/1/2015 17:21	65.3	19/1/2015 22:26	64.7	22/1/2015 19:31	65.4
13/1/2015 22:11	65.0	16/1/2015 19:16	66.1	18/1/2015 8:21	63.7	18/1/2015 17:26	64.5	19/1/2015 22:31	63.0	22/1/2015 19:36	64.7
13/1/2015 22:16	64.8	16/1/2015 19:21	66.1	18/1/2015 8:26	64.6	18/1/2015 17:31	64.9	19/1/2015 22:36	63.4	22/1/2015 19:41	64.4
13/1/2015 22:21	65.6	16/1/2015 19:26	66.1	18/1/2015 8:31	64.4	18/1/2015 17:36	65.4	19/1/2015 22:41	65.7	22/1/2015 19:46	64.2
13/1/2015 22:26	65.3	16/1/2015 19:31	65.4	18/1/2015 8:36	64.1	18/1/2015 17:41	64.8	19/1/2015 22:46	64.2	22/1/2015 19:51	64.2
13/1/2015 22:31	65.3	16/1/2015 19:36	65.8	18/1/2015 8:41	64.2	18/1/2015 17:46	63.7	19/1/2015 22:51	63.8	22/1/2015 19:56	64.6
13/1/2015 22:36	65.1	16/1/2015 19:41	65.2	18/1/2015 8:46	64.6	18/1/2015 17:51	65.3	19/1/2015 22:56	63.5	22/1/2015 20:01	64.6
13/1/2015 22:41	65.0	16/1/2015 19:46	65.5	18/1/2015 8:51	65.0	18/1/2015 17:56	64.8	20/1/2015 19:01	65.9	22/1/2015 20:06	64.3
13/1/2015 22:46	65.0	16/1/2015 19:51	65.2	18/1/2015 8:56	64.6	18/1/2015 18:01	64.6	20/1/2015 19:06	66.1	22/1/2015 20:11	64.7
13/1/2015 22:51	64.8	16/1/2015 19:56	64.5	18/1/2015 9:01	64.4	18/1/2015 18:06	64.8	20/1/2015 19:11	65.4	22/1/2015 20:16	64.4
13/1/2015 22:56	64.6	16/1/2015 20:01	65.3	18/1/2015 9:06	67.1	18/1/2015 18:11	64.8	20/1/2015 19:16	65.6	22/1/2015 20:21	64.6
14/1/2015 19:01	64.9	16/1/2015 20:06	65.0	18/1/2015 9:11	64.3	18/1/2015 18:16	64.7	20/1/2015 19:21	65.8	22/1/2015 20:26	64.4
14/1/2015 19:06	64.9	16/1/2015 20:11	64.9	18/1/2015 9:16	64.7	18/1/2015 18:21	64.2	20/1/2015 19:26	67.2	22/1/2015 20:31	64.1
14/1/2015 19:11	66.2	16/1/2015 20:16	65.0	18/1/2015 9:21	65.0	18/1/2015 18:26	64.6	20/1/2015 19:31	65.2	22/1/2015 20:36	64.2
14/1/2015 19:16	66.1	16/1/2015 20:21	65.1	18/1/2015 9:26	64.9	18/1/2015 18:31	64.5	20/1/2015 19:36	66.0	22/1/2015 20:41	65.0
14/1/2015 19:21	66.1	16/1/2015 20:26	65.3	18/1/2015 9:31	64.8	18/1/2015 18:36	64.5	20/1/2015 19:41	65.0	22/1/2015 20:46	64.2
14/1/2015 19:26	66.2	16/1/2015 20:31	64.4	18/1/2015 9:36	64.9	18/1/2015 18:41	64.8	20/1/2015 19:46	64.5	22/1/2015 20:51	64.1
14/1/2015 19:31	65.6	16/1/2015 20:36	64.7	18/1/2015 9:41	65.0	18/1/2015 18:46	64.3	20/1/2015 19:51	65.2	22/1/2015 20:56	63.8
14/1/2015 19:36	65.9	16/1/2015 20:41	64.5	18/1/2015 9:46	65.6	18/1/2015 18:51	64.7	20/1/2015 19:56	64.5	22/1/2015 21:01	63.7
14/1/2015 19:41	65.1	16/1/2015 20:46	64.4	18/1/2015 9:51	65.1	18/1/2015 18:56	64.3	20/1/2015 20:01	66.3	22/1/2015 21:06	63.6
14/1/2015 19:46	65.2	16/1/2015 20:51	64.6	18/1/2015 9:56	64.6	18/1/2015 19:01	63.8	20/1/2015 20:06	64.6	22/1/2015 21:11	64.3
14/1/2015 19:51	65.5	16/1/2015 20:56	64.3	18/1/2015 10:01	64.7	18/1/2015 19:06	64.6	20/1/2015 20:11	65.5	22/1/2015 21:16	64.3
14/1/2015 19:56	65.0	16/1/2015 21:01	64.3	18/1/2015 10:06	65.0	18/1/2015 19:11	64.2	20/1/2015 20:16	64.9	22/1/2015 21:21	63.8
14/1/2015 20:01	65.2	16/1/2015 21:06	64.1	18/1/2015 10:11	64.5	18/1/2015 19:16	64.3	20/1/2015 20:21	65.7	22/1/2015 21:26	64.2
14/1/2015 20:06	65.7	16/1/2015 21:11	64.0	18/1/2015 10:16	64.6	18/1/2015 19:21	65.2	20/1/2015 20:26	65.5	22/1/2015 21:31	63.6
14/1/2015 20:11	64.7	16/1/2015 21:16	64.3	18/1/2015 10:21	64.6	18/1/2015 19:26	65.0	20/1/2015 20:31	64.5	22/1/2015 21:36	64.1
14/1/2015 20:16	64.8	16/1/2015 21:21	64.2	18/1/2015 10:26	65.1	18/1/2015 19:31	65.1	20/1/2015 20:36	64.2	22/1/2015 21:41	64.1
14/1/2015 20:21	64.6	16/1/2015 21:26	64.6	18/1/2015 10:31	64.8	18/1/2015 19:36	64.0	20/1/2015 20:41	64.5	22/1/2015 21:46	64.1
14/1/2015 20:26	64.5	16/1/2015 21:31	65.1	18/1/2015 10:36	65.0	18/1/2015 19:41	64.3	20/1/2015 20:46	64.4	22/1/2015 21:51	63.6
14/1/2015 20:31	64.3	16/1/2015 21:36	64.6	18/1/2015 10:41	65.3	18/1/2015 19:46	64.4	20/1/2015 20:51	64.4	22/1/2015 21:56	63.6
14/1/2015 20:36	64.2	16/1/2015 21:41	64.2	18/1/2015 10:46	65.2	18/1/2015 19:51	64.2	20/1/2015 20:56	64.6	22/1/2015 22:01	63.6
14/1/2015 20:41	65.3	16/1/2015 21:46	63.9	18/1/2015 10:51	65.8	18/1/2015 19:56	64.0	20/1/2015 21:01	65.4	22/1/2015 22:06	64.0
14/1/2015 20:46	64.4	16/1/2015 21:51	64.5	18/1/2015 10:56	65.1	18/1/2015 20:01	63.6	20/1/2015 21:06	64.0	22/1/2015 22:11	64.0
14/1/2015 20:51	64.6	16/1/2015 21:56	64.2	18/1/2015 11:01	66.0	18/1/2015 20:06	63.8	20/1/2015 21:11	63.7	22/1/2015 22:16	64.6
14/1/2015 20:56	64.1	16/1/2015 22:01	65.3	18/1/2015 11:06	65.5	18/1/2015 20:11	64.8	20/1/2015 21:16	64.1	22/1/2015 22:21	64.2
14/1/2015 21:01	64.6	16/1/2015 22:06	64.5	18/1/2015 11:11	65.3	18/1/2015 20:16	63.8	20/1/2015 21:21	64.8	22/1/2015 22:26	64.1
14/1/2015 21:06	64.5	16/1/2015 22:11	64.4	18/1/2015 11:16	65.8	18/1/2015 20:21	63.7	20/1/2015 21:26	64.6	22/1/2015 22:31	63.8
14/1/2015 21:11	64.5	16/1/2015 22:16	64.6	18/1/2015 11:21	65.3	18/1/2015 20:26	63.4	20/1/2015 21:31	64.0	22/1/2015 22:36	63.6
14/1/2015 21:16	64.5	16/1/2015 22:21	64.5	18/1/2015 11:26	65.7	18/1/2015 20:31	63.9	20/1/2015 21:36	64.6	22/1/2015 22:41	64.4
14/1/2015 21:21	64.5	16/1/2015 22:26	64.4	18/1/2015 11:31	65.2	18/1/2015 20:36	63.9	20/1/2015 21:41	64.2	22/1/2015 22:46	64.0
14/1/2015 21:26	63.7	16/1/2015 22:31	64.8	18/1/2015 11:36	64.7	18/1/2015 20:41	63.6	20/1/2015 21:46	63.9	22/1/2015 22:51	64.7
14/1/2015 21:31	64.3	16/1/2015 22:36	64.7	18/1/2015 11:41	65.2	18/1/2015 20:46	63.3	20/1/2015 21:51	63.9	22/1/2015 22:56	64.0
14/1/2015 21:36	64.8	16/1/2015 22:41	64.7	18/1/2015 11:46	64.7	18/1/2015 20:51	63.5	20/1/2015 21:56	63.8	23/1/2015 19:01	

Real-time Noise Data	RTN1 (Food and Environmental Hygiene Department Depot)										
23/1/2015 22:26	64.2	25/1/2015 11:31	65.3	25/1/2015 20:36	64.5	27/1/2015 21:41	64.3	28/12/2014 23:31	59.9	30/12/2014 0:36	56.8
23/1/2015 22:31	65.0	25/1/2015 11:36	64.9	25/1/2015 20:41	65.0	27/1/2015 21:46	64.1	28/12/2014 23:36	60.3	30/12/2014 0:41	56.2
23/1/2015 22:36	64.3	25/1/2015 11:41	65.3	25/1/2015 20:46	64.1	27/1/2015 21:51	64.3	28/12/2014 23:41	60.2	30/12/2014 0:46	55.0
23/1/2015 22:41	63.9	25/1/2015 11:46	66.2	25/1/2015 20:51	64.3	27/1/2015 21:56	64.1	28/12/2014 23:46	60.9	30/12/2014 0:51	61.9
23/1/2015 22:46	63.9	25/1/2015 11:51	64.8	25/1/2015 20:56	64.2	27/1/2015 22:01	63.2	28/12/2014 23:51	63.5	30/12/2014 0:56	35.5
23/1/2015 22:51	64.0	25/1/2015 11:56	63.6	25/1/2015 21:01	64.3	27/1/2015 22:06	65.0	28/12/2014 23:56	59.2	30/12/2014 1:01	52.9
23/1/2015 22:56	63.8	25/1/2015 12:01	63.7	25/1/2015 21:06	64.1	27/1/2015 22:11	64.2	29/12/2014 0:01	59.7	30/12/2014 1:06	50.0
24/1/2015 19:01	63.7	25/1/2015 12:06	63.6	25/1/2015 21:11	64.1	27/1/2015 22:16	64.3	29/12/2014 0:06	59.2	30/12/2014 1:11	56.2
24/1/2015 19:06	63.8	25/1/2015 12:11	63.9	25/1/2015 21:16	64.3	27/1/2015 22:21	64.5	29/12/2014 0:11	59.3	30/12/2014 1:16	54.0
24/1/2015 19:11	64.2	25/1/2015 12:16	66.2	25/1/2015 21:21	63.8	27/1/2015 22:26	63.3	29/12/2014 0:16	59.0	30/12/2014 1:21	61.7
24/1/2015 19:16	63.8	25/1/2015 12:21	65.6	25/1/2015 21:26	63.9	27/1/2015 22:31	64.5	29/12/2014 0:21	59.2	30/12/2014 1:26	61.7
24/1/2015 19:21	64.5	25/1/2015 12:26	65.8	25/1/2015 21:31	64.9	27/1/2015 22:36	63.9	29/12/2014 0:26	62.3	30/12/2014 1:31	61.4
24/1/2015 19:26	65.0	25/1/2015 12:31	64.9	25/1/2015 21:36	63.6	27/1/2015 22:41	63.6	29/12/2014 0:31	58.3	30/12/2014 1:36	61.6
24/1/2015 19:31	64.3	25/1/2015 12:36	64.4	25/1/2015 21:41	63.9	27/1/2015 22:46	63.8	29/12/2014 0:36	35.5	30/12/2014 1:41	51.9
24/1/2015 19:36	64.2	25/1/2015 12:41	64.2	25/1/2015 21:46	63.9	27/1/2015 22:51	63.3	29/12/2014 0:41	55.1	30/12/2014 1:46	61.5
24/1/2015 19:41	63.9	25/1/2015 12:46	65.1	25/1/2015 21:51	64.3	27/1/2015 22:56	63.2	29/12/2014 0:46	42.5	30/12/2014 1:51	61.7
24/1/2015 19:46	64.2	25/1/2015 12:51	65.2	25/1/2015 21:56	63.9			29/12/2014 0:51	52.4	30/12/2014 1:56	60.8
24/1/2015 19:51	64.4	25/1/2015 12:56	65.5	25/1/2015 22:01	64.0			29/12/2014 0:56	52.2	30/12/2014 2:01	60.7
24/1/2015 19:56	64.4	25/1/2015 13:01	64.5	25/1/2015 22:06	64.1			29/12/2014 1:01	61.5	30/12/2014 2:06	60.7
24/1/2015 20:01	64.1	25/1/2015 13:06	65.5	25/1/2015 22:11	64.6			29/12/2014 1:06	51.4	30/12/2014 2:11	50.0
24/1/2015 20:06	64.4	25/1/2015 13:11	64.1	25/1/2015 22:16	64.2			29/12/2014 1:11	51.6	30/12/2014 2:16	59.8
24/1/2015 20:11	63.9	25/1/2015 13:16	65.0	25/1/2015 22:21	64.6			29/12/2014 1:16	61.3	30/12/2014 2:21	60.6
24/1/2015 20:16	64.3	25/1/2015 13:21	65.2	25/1/2015 22:26	63.3			29/12/2014 1:21	66.9	30/12/2014 2:26	60.3
24/1/2015 20:21	64.6	25/1/2015 13:26	65.1	25/1/2015 22:31	63.9			29/12/2014 1:26	38.5	30/12/2014 2:31	60.3
24/1/2015 20:26	63.8	25/1/2015 13:31	64.8	25/1/2015 22:36	63.9			29/12/2014 1:31	60.5	30/12/2014 2:36	60.4
24/1/2015 20:31	64.0	25/1/2015 13:36	65.4	25/1/2015 22:41	63.8			29/12/2014 1:36	60.9	30/12/2014 2:41	60.3
24/1/2015 20:36	63.7	25/1/2015 13:41	65.4	25/1/2015 22:46	63.5			29/12/2014 1:41	61.0	30/12/2014 2:46	59.2
24/1/2015 20:41	64.5	25/1/2015 13:46	65.2	25/1/2015 22:51	63.9			29/12/2014 1:46	60.9	30/12/2014 2:51	61.5
24/1/2015 20:46	64.0	25/1/2015 13:51	65.3	25/1/2015 22:56	63.8			29/12/2014 1:51	60.7	30/12/2014 2:56	59.3
24/1/2015 20:51	64.1	25/1/2015 13:56	64.8	26/1/2015 19:01	66.1			29/12/2014 1:56	60.7	30/12/2014 3:01	60.3
24/1/2015 20:56	64.0	25/1/2015 14:01	64.6	26/1/2015 19:06	65.7			29/12/2014 2:01	60.6	30/12/2014 3:06	60.4
24/1/2015 21:01	65.0	25/1/2015 14:06	65.1	26/1/2015 19:11	65.7			29/12/2014 2:06	60.1	30/12/2014 3:11	59.1
24/1/2015 21:06	64.1	25/1/2015 14:11	65.4	26/1/2015 19:16	65.9			29/12/2014 2:11	60.2	30/12/2014 3:16	59.6
24/1/2015 21:11	64.0	25/1/2015 14:16	65.1	26/1/2015 19:21	66.4			29/12/2014 2:16	60.2	30/12/2014 3:21	59.6
24/1/2015 21:16	63.6	25/1/2015 14:21	65.2	26/1/2015 19:26	66.7			29/12/2014 2:21	60.2	30/12/2014 3:26	61.2
24/1/2015 21:21	64.4	25/1/2015 14:26	65.0	26/1/2015 19:31	65.2			29/12/2014 2:26	59.9	30/12/2014 3:31	59.1
24/1/2015 21:26	64.4	25/1/2015 14:31	65.1	26/1/2015 19:36	65.2			29/12/2014 2:31	60.1	30/12/2014 3:36	60.0
24/1/2015 21:31	63.9	25/1/2015 14:36	65.4	26/1/2015 19:41	65.3			29/12/2014 2:36	60.0	30/12/2014 3:41	59.6
24/1/2015 21:36	63.8	25/1/2015 14:41	65.5	26/1/2015 19:46	64.8			29/12/2014 2:41	59.7	30/12/2014 3:46	58.7
24/1/2015 21:41	63.6	25/1/2015 14:46	65.4	26/1/2015 19:51	65.8			29/12/2014 2:46	59.2	30/12/2014 3:51	59.2
24/1/2015 21:46	64.0	25/1/2015 14:51	65.7	26/1/2015 19:56	65.4			29/12/2014 2:51	58.7	30/12/2014 3:56	59.1
24/1/2015 21:51	64.4	25/1/2015 14:56	65.1	26/1/2015 20:01	65.1			29/12/2014 2:56	59.2	30/12/2014 4:01	58.8
24/1/2015 21:56	64.3	25/1/2015 15:01	65.1	26/1/2015 20:06	65.0			29/12/2014 3:01	59.9	30/12/2014 4:06	59.0
24/1/2015 22:01	63.9	25/1/2015 15:06	66.4	26/1/2015 20:11	65.9			29/12/2014 3:06	60.0	30/12/2014 4:11	58.9
24/1/2015 22:06	64.3	25/1/2015 15:11	65.0	26/1/2015 20:16	65.5			29/12/2014 3:11	57.9	30/12/2014 4:16	59.6
24/1/2015 22:11	64.4	25/1/2015 15:16	65.1	26/1/2015 20:21	64.9			29/12/2014 3:16	58.7	30/12/2014 4:21	59.1
24/1/2015 22:16	64.0	25/1/2015 15:21	65.3	26/1/2015 20:26	64.6			29/12/2014 3:21	59.3	30/12/2014 4:26	60.1
24/1/2015 22:21	65.3	25/1/2015 15:26	65.0	26/1/2015 20:31	64.5			29/12/2014 3:26	58.7	30/12/2014 4:31	59.0
24/1/2015 22:26	63.8	25/1/2015 15:31	64.8	26/1/2015 20:36	64.7			29/12/2014 3:31	59.2	30/12/2014 4:36	59.0
24/1/2015 22:31	65.3	25/1/2015 15:36	65.2	26/1/2015 20:41	65.3			29/12/2014 3:36	59.3	30/12/2014 4:41	58.9
24/1/2015 22:36	64.9	25/1/2015 15:41	65.4	26/1/2015 20:46	64.2			29/12/2014 3:41	58.0	30/12/2014 4:46	58.2
24/1/2015 22:41	64.5	25/1/2015 15:46	64.7	26/1/2015 20:51	64.1			29/12/2014 3:46	59.7	30/12/2014 4:51	59.3
24/1/2015 22:46	63.4	25/1/2015 15:51	65.0	26/1/2015 20:56	64.1			29/12/2014 3:51	58.3	30/12/2014 4:56	59.1
24/1/2015 22:51	63.4	25/1/2015 15:56	65.3	26/1/2015 21:01	63.8			29/12/2014 3:56	57.4	30/12/2014 5:01	59.7
24/1/2015 22:56	64.0	25/1/2015 16:01	65.1	26/1/2015 21:06	64.2			29/12/2014 4:01	57.8	30/12/2014 5:06	59.1
25/1/2015 7:01	57.1	25/1/2015 16:06	65.0	26/1/2015 21:11	64.2			29/12/2014 4:06	59.8	30/12/2014 5:11	59.1
25/1/2015 7:06	57.5	25/1/2015 16:11	64.6	26/1/2015 21:16	64.4			29/12/2014 4:11	59.4	30/12/2014 5:16	59.0
25/1/2015 7:11	56.7	25/1/2015 16:16	64.8	26/1/2015 21:21	64.0			29/12/2014 4:16	58.7	30/12/2014 5:21	59.7
25/1/2015 7:16	56.9	25/1/2015 16:21	65.6	26/1/2015 21:26	64.0			29/12/2014 4:21	58.5	30/12/2014 5:26	59.5
25/1/2015 7:21	56.3	25/1/2015 16:26	65.5	26/1/2015 21:31	64.0			29/12/2014 4:26	58.7	30/12/2014 5:31	60.5
25/1/2015 7:26	56.7	25/1/2015 16:31	65.7	26/1/2015 21:36	63.8			29/12/2014 4:31	58.4	30/12/2014 5:36	60.4
25/1/2015 7:31	56.1	25/1/2015 16:36	66.8	26/1/2015 21:41	64.0			29/12/2014 4:36	58.3	30/12/2014 5:41	60.4
25/1/2015 7:36	56.3	25/1/2015 16:41	65.4	26/1/2015 21:46	65.1			29/12/2014 4:41	58.6	30/12/2014 5:46	60.7
25/1/2015 7:41	57.1	25/1/2015 16:46	64.8	26/1/2015 21:51	64.4			29/12/2014 4:46	58.8	30/12/2014 5:51	60.7
25/1/2015 7:46	56.7	25/1/2015 16:51	65.3	26/1/2015 21:56	64.6			29/12/2014 4:51	59.0	30/12/2014 5:56	60.8
25/1/2015 7:51	56.7	25/1/2015 16:56	65.8	26/1/2015 22:01	63.9			29/12/2014 4:56	58.1	30/12/2014 6:01	60.9
25/1/2015 7:56	57.8	25/1/2015 17:01	65.0	26/1/2015 22:06	63.8			29/12/2014 5:01	58.4	30/12/2014 6:06	61.6
25/1/2015 8:01	55.8	25/1/2015 17:06	64.9	26/1/2015 22:11	63.8			29/12/2014 5:06	58.8	30/12/2014 6:11	61.6
25/1/2015 8:06	56.7	25/1/2015 17:11	64.9	26/1/2015 22:16	64.5			29/12/2014 5:11	58.7	30/12/2014 6:16	48.4
25/1/2015 8:11	57.5	25/1/2015 17:16	65.0	26/1/2015 22:21	64.2			29/12/2014 5:16	59.0	30/12/2014 6:21	53.3
25/1/2015 8:16	56.1	25/1/2015 17:21	65.7	26/1/2015 22:26	64.1			29/12/2014 5:21	58.7	30/12/2014 6:26	51.6
25/1/2015 8:21	57.5	25/1/2015 17:26	65.3	26/1/2015 22:31	63.3			29/12/2014 5:26	60.1	30/12/2014 6:31	56.3
25/1/2015 8:26	58.5	25/1/2015 17:31	65.5	26/1/2015 22:36	63.5			29/12/2014 5:31	60.4	30/12/2014 6:36	55.5
25/1/2015 8:31	57.6	25/1/2015 17:36	65.6	26/1/2015 22:41	63.8			29/12/2014 5:36	59.3	30/12/2014 6:41	58.9
25/1/2015 8:36	58.0	25/1/2015 17:41	65.7	26/1/2015 22:46	63.6			29/12/2014 5:41	60.6	30/12/2014 6:46	59.5
25/1/2015 8:41	57.8	25/1/2015 17:46	66.3	26/1/2015 22:51	64.1			29/12/2014 5:46			

Real-time Noise Data		RTN1 (Food and Environmental Hygiene Department Depot)									
31/12/2014 1:41	45.6	1/1/2015 2:46	56.2	2/1/2015 3:51	58.6	3/1/2015 4:56	59.1	4/1/2015 6:01	60.3	5/1/2015 23:06	59.0
31/12/2014 1:46	54.5	1/1/2015 2:51	56.1	2/1/2015 3:56	57.1	3/1/2015 5:01	59.3	4/1/2015 6:06	61.2	5/1/2015 23:11	59.7
31/12/2014 1:51	56.8	1/1/2015 2:56	61.9	2/1/2015 4:01	58.1	3/1/2015 5:06	60.0	4/1/2015 6:11	60.2	5/1/2015 23:16	63.1
31/12/2014 1:56	60.7	1/1/2015 3:01	53.7	2/1/2015 4:06	58.0	3/1/2015 5:11	59.0	4/1/2015 6:16	60.7	5/1/2015 23:21	56.8
31/12/2014 2:01	60.6	1/1/2015 3:06	60.8	2/1/2015 4:11	58.7	3/1/2015 5:16	59.6	4/1/2015 6:21	61.1	5/1/2015 23:26	58.0
31/12/2014 2:06	61.5	1/1/2015 3:11	53.8	2/1/2015 4:16	58.2	3/1/2015 5:21	60.2	4/1/2015 6:26	61.1	5/1/2015 23:31	56.1
31/12/2014 2:11	59.0	1/1/2015 3:16	54.1	2/1/2015 4:21	57.6	3/1/2015 5:26	60.3	4/1/2015 6:31	61.0	5/1/2015 23:36	56.9
31/12/2014 2:16	61.0	1/1/2015 3:21	49.3	2/1/2015 4:26	58.5	3/1/2015 5:31	60.3	4/1/2015 6:36	61.4	5/1/2015 23:41	57.2
31/12/2014 2:21	60.4	1/1/2015 3:26	55.2	2/1/2015 4:31	58.6	3/1/2015 5:36	60.6	4/1/2015 6:41	61.6	5/1/2015 23:46	56.9
31/12/2014 2:26	60.2	1/1/2015 3:31	44.0	2/1/2015 4:36	57.5	3/1/2015 5:41	60.0	4/1/2015 6:46	47.4	5/1/2015 23:51	53.4
31/12/2014 2:31	60.6	1/1/2015 3:36	52.4	2/1/2015 4:41	58.8	3/1/2015 5:46	60.4	4/1/2015 6:51	61.8	5/1/2015 23:56	56.2
31/12/2014 2:36	60.7	1/1/2015 3:41	61.7	2/1/2015 4:46	59.1	3/1/2015 5:51	60.8	4/1/2015 6:56	61.6	6/1/2015 0:01	56.4
31/12/2014 2:41	60.0	1/1/2015 3:46	60.0	2/1/2015 4:51	58.6	3/1/2015 5:56	60.6	4/1/2015 23:01	55.1	6/1/2015 0:06	57.1
31/12/2014 2:46	59.8	1/1/2015 3:51	40.3	2/1/2015 4:56	58.3	3/1/2015 6:01	60.9	4/1/2015 23:06	57.6	6/1/2015 0:11	54.2
31/12/2014 2:51	60.0	1/1/2015 3:56	56.4	2/1/2015 5:01	59.1	3/1/2015 6:06	61.0	4/1/2015 23:11	56.5	6/1/2015 0:16	54.0
31/12/2014 2:56	60.4	1/1/2015 4:01	55.7	2/1/2015 5:06	60.0	3/1/2015 6:11	61.0	4/1/2015 23:16	57.3	6/1/2015 0:21	56.0
31/12/2014 3:01	60.1	1/1/2015 4:06	65.1	2/1/2015 5:11	59.0	3/1/2015 6:16	61.6	4/1/2015 23:21	56.0	6/1/2015 0:26	52.9
31/12/2014 3:06	59.1	1/1/2015 4:11	61.4	2/1/2015 5:16	59.7	3/1/2015 6:21	61.4	4/1/2015 23:26	56.5	6/1/2015 0:31	47.1
31/12/2014 3:11	59.8	1/1/2015 4:16	48.8	2/1/2015 5:21	59.2	3/1/2015 6:26	61.7	4/1/2015 23:31	56.1	6/1/2015 0:36	61.5
31/12/2014 3:16	60.2	1/1/2015 4:21	53.7	2/1/2015 5:26	58.5	3/1/2015 6:31	61.6	4/1/2015 23:36	57.9	6/1/2015 0:41	61.5
31/12/2014 3:21	59.9	1/1/2015 4:26	47.1	2/1/2015 5:31	59.8	3/1/2015 6:36	52.4	4/1/2015 23:41	55.2	6/1/2015 0:46	61.5
31/12/2014 3:26	59.1	1/1/2015 4:31	61.6	2/1/2015 5:36	59.4	3/1/2015 6:41	51.6	4/1/2015 23:46	55.8	6/1/2015 0:51	61.2
31/12/2014 3:31	59.5	1/1/2015 4:36	61.6	2/1/2015 5:41	59.8	3/1/2015 6:46	55.1	4/1/2015 23:51	54.9	6/1/2015 0:56	61.2
31/12/2014 3:36	59.6	1/1/2015 4:41	61.2	2/1/2015 5:46	60.4	3/1/2015 6:51	56.6	4/1/2015 23:56	58.4	6/1/2015 1:01	61.2
31/12/2014 3:41	60.4	1/1/2015 4:46	61.2	2/1/2015 5:51	60.7	3/1/2015 6:56	57.5	5/1/2015 0:01	54.0	6/1/2015 1:06	61.4
31/12/2014 3:46	59.1	1/1/2015 4:51	61.3	2/1/2015 5:56	59.8	3/1/2015 23:01	60.6	5/1/2015 0:06	56.5	6/1/2015 1:11	60.6
31/12/2014 3:51	59.3	1/1/2015 4:56	61.6	2/1/2015 6:01	59.9	3/1/2015 23:06	59.6	5/1/2015 0:11	54.3	6/1/2015 1:16	60.1
31/12/2014 3:56	59.1	1/1/2015 5:01	61.4	2/1/2015 6:06	60.3	3/1/2015 23:11	59.3	5/1/2015 0:16	35.5	6/1/2015 1:21	60.2
31/12/2014 4:01	59.1	1/1/2015 5:06	61.2	2/1/2015 6:11	60.7	3/1/2015 23:16	59.6	5/1/2015 0:21	54.3	6/1/2015 1:26	60.6
31/12/2014 4:06	58.9	1/1/2015 5:11	64.7	2/1/2015 6:16	50.9	3/1/2015 23:21	59.4	5/1/2015 0:26	61.3	6/1/2015 1:31	60.5
31/12/2014 4:11	58.7	1/1/2015 5:16	61.8	2/1/2015 6:21	40.3	3/1/2015 23:26	59.1	5/1/2015 0:31	61.4	6/1/2015 1:36	59.7
31/12/2014 4:16	59.6	1/1/2015 5:21	61.5	2/1/2015 6:26	61.5	3/1/2015 23:31	59.2	5/1/2015 0:36	61.4	6/1/2015 1:41	59.4
31/12/2014 4:21	58.6	1/1/2015 5:26	61.2	2/1/2015 6:31	50.3	3/1/2015 23:36	59.3	5/1/2015 0:41	61.5	6/1/2015 1:46	59.5
31/12/2014 4:26	59.5	1/1/2015 5:31	61.2	2/1/2015 6:36	53.8	3/1/2015 23:41	59.1	5/1/2015 0:46	61.5	6/1/2015 1:51	59.9
31/12/2014 4:31	58.9	1/1/2015 5:36	61.2	2/1/2015 6:41	54.8	3/1/2015 23:46	58.2	5/1/2015 0:51	61.5	6/1/2015 1:56	59.0
31/12/2014 4:36	59.0	1/1/2015 5:41	47.1	2/1/2015 6:46	57.7	3/1/2015 23:51	59.1	5/1/2015 0:56	60.6	6/1/2015 2:01	60.0
31/12/2014 4:41	59.8	1/1/2015 5:46	42.5	2/1/2015 6:51	59.2	3/1/2015 23:56	57.7	5/1/2015 1:01	60.2	6/1/2015 2:06	59.4
31/12/2014 4:46	58.1	1/1/2015 5:51	61.8	2/1/2015 6:56	59.5	4/1/2015 0:01	58.0	5/1/2015 1:06	54.3	6/1/2015 2:11	59.2
31/12/2014 4:51	59.1	1/1/2015 5:56	61.4	2/1/2015 23:01	59.6	4/1/2015 0:06	57.2	5/1/2015 1:11	60.7	6/1/2015 2:16	59.5
31/12/2014 4:56	59.1	1/1/2015 6:01	61.7	2/1/2015 23:06	58.7	4/1/2015 0:11	58.8	5/1/2015 1:16	59.6	6/1/2015 2:21	59.3
31/12/2014 5:01	59.7	1/1/2015 6:06	54.3	2/1/2015 23:11	59.9	4/1/2015 0:16	54.4	5/1/2015 1:21	60.2	6/1/2015 2:26	59.3
31/12/2014 5:06	59.1	1/1/2015 6:11	61.9	2/1/2015 23:16	60.5	4/1/2015 0:21	54.0	5/1/2015 1:26	58.6	6/1/2015 2:31	58.1
31/12/2014 5:11	59.6	1/1/2015 6:16	48.8	2/1/2015 23:21	61.5	4/1/2015 0:26	52.9	5/1/2015 1:31	59.1	6/1/2015 2:36	58.7
31/12/2014 5:16	59.0	1/1/2015 6:21	61.9	2/1/2015 23:26	60.9	4/1/2015 0:31	55.7	5/1/2015 1:36	48.4	6/1/2015 2:41	58.6
31/12/2014 5:21	59.3	1/1/2015 6:26	61.2	2/1/2015 23:31	59.8	4/1/2015 0:36	56.1	5/1/2015 1:41	60.7	6/1/2015 2:46	58.5
31/12/2014 5:26	60.3	1/1/2015 6:31	52.3	2/1/2015 23:36	60.5	4/1/2015 0:41	55.6	5/1/2015 1:46	60.0	6/1/2015 2:51	59.5
31/12/2014 5:31	60.2	1/1/2015 6:36	50.6	2/1/2015 23:41	59.4	4/1/2015 0:46	44.0	5/1/2015 1:51	59.2	6/1/2015 2:56	58.3
31/12/2014 5:36	58.9	1/1/2015 6:41	54.8	2/1/2015 23:46	58.7	4/1/2015 0:51	52.9	5/1/2015 1:56	59.3	6/1/2015 3:01	58.2
31/12/2014 5:41	60.2	1/1/2015 6:46	54.5	2/1/2015 23:51	58.4	4/1/2015 0:56	55.0	5/1/2015 2:01	59.7	6/1/2015 3:06	58.8
31/12/2014 5:46	60.7	1/1/2015 6:51	58.8	2/1/2015 23:56	60.1	4/1/2015 1:01	61.4	5/1/2015 2:06	59.1	6/1/2015 3:11	57.9
31/12/2014 5:51	60.5	1/1/2015 6:56	49.3	3/1/2015 0:01	59.2	4/1/2015 1:06	47.4	5/1/2015 2:11	60.2	6/1/2015 3:16	59.1
31/12/2014 5:56	61.0	1/1/2015 23:01	59.7	3/1/2015 0:06	60.2	4/1/2015 1:11	52.5	5/1/2015 2:16	58.0	6/1/2015 3:21	57.9
31/12/2014 6:01	60.0	1/1/2015 23:06	60.1	3/1/2015 0:11	58.2	4/1/2015 1:16	46.0	5/1/2015 2:21	58.6	6/1/2015 3:26	59.7
31/12/2014 6:06	61.4	1/1/2015 23:11	58.3	3/1/2015 0:16	60.6	4/1/2015 1:21	61.5	5/1/2015 2:26	57.9	6/1/2015 3:31	57.1
31/12/2014 6:11	61.9	1/1/2015 23:16	58.9	3/1/2015 0:21	57.7	4/1/2015 1:26	61.6	5/1/2015 2:31	57.6	6/1/2015 3:36	59.5
31/12/2014 6:16	61.7	1/1/2015 23:21	59.3	3/1/2015 0:26	59.1	4/1/2015 1:31	62.6	5/1/2015 2:36	58.8	6/1/2015 3:41	59.1
31/12/2014 6:21	61.5	1/1/2015 23:26	59.2	3/1/2015 0:31	56.8	4/1/2015 1:36	50.4	5/1/2015 2:41	58.1	6/1/2015 3:46	58.3
31/12/2014 6:26	51.3	1/1/2015 23:31	58.2	3/1/2015 0:36	54.2	4/1/2015 1:41	60.7	5/1/2015 2:46	58.2	6/1/2015 3:51	59.2
31/12/2014 6:31	53.6	1/1/2015 23:36	58.0	3/1/2015 0:41	58.5	4/1/2015 1:46	51.5	5/1/2015 2:51	58.0	6/1/2015 3:56	57.3
31/12/2014 6:36	53.4	1/1/2015 23:41	57.4	3/1/2015 0:46	52.3	4/1/2015 1:51	53.8	5/1/2015 2:56	56.9	6/1/2015 4:01	57.0
31/12/2014 6:41	56.7	1/1/2015 23:46	59.1	3/1/2015 0:51	55.2	4/1/2015 1:56	51.5	5/1/2015 3:01	57.8	6/1/2015 4:06	58.2
31/12/2014 6:46	57.1	1/1/2015 23:51	57.7	3/1/2015 0:56	52.8	4/1/2015 2:01	53.7	5/1/2015 3:06	58.5	6/1/2015 4:11	58.5
31/12/2014 6:51	59.4	1/1/2015 23:56	57.6	3/1/2015 1:01	50.7	4/1/2015 2:06	60.6	5/1/2015 3:11	58.2	6/1/2015 4:16	57.5
31/12/2014 6:56	59.9	2/1/2015 0:01	57.5	3/1/2015 1:06	51.5	4/1/2015 2:11	61.1	5/1/2015 3:16	57.2	6/1/2015 4:21	58.7
31/12/2014 23:01	60.2	2/1/2015 0:06	55.5	3/1/2015 1:11	50.4	4/1/2015 2:16	60.8	5/1/2015 3:21	57.3	6/1/2015 4:26	57.2
31/12/2014 23:06	59.1	2/1/2015 0:11	55.8	3/1/2015 1:16	61.6	4/1/2015 2:21	60.6	5/1/2015 3:26	58.1	6/1/2015 4:31	58.0
31/12/2014 23:11	60.4	2/1/2015 0:16	54.7	3/1/2015 1:21	61.4	4/1/2015 2:26	60.6	5/1/2015 3:31	58.4	6/1/2015 4:36	56.8
31/12/2014 23:16	64.1	2/1/2015 0:21	55.5	3/1/2015 1:26	56.2	4/1/2015 2:31	61.5	5/1/2015 3:36	58.5	6/1/2015 4:41	58.3
31/12/2014 23:21	59.5	2/1/2015 0:26	55.5	3/1/2015 1:31	61.5	4/1/2015 2:36	61.0	5/1/2015 3:41	57.4	6/1/2015 4:46	58.7
31/12/2014 23:26	65.5	2/1/2015 0:31	61.5	3/1/2015 1:36	50.3	4/1/2015 2:41	61.0	5/1/2015 3:46	58.0	6/1/2015 4:51	59.2
31/12/2014 23:31	60.0	2/1/2015 0:36	54.2	3/1/2015 1:41	41.6	4/1/2015 2:46	60.2	5/1/2015 3:51	58.3	6/1/2015 4:56	57.6
31/12/2014 23:36	59.7	2/1/2015 0:41	47.4	3/1/2015 1:46	61.7	4/1/2015 2:51	60.3	5/1/2015 3:56	56.8	6/1/2015 5:01	59.0
31/12/2014 23:41	59.9	2/1/2015 0:46	51.0	3/							

Real-time Noise Data	RTN1 (Food and Environmental Hygiene Department Depot)											
7/1/2015 0:11	60.9	8/1/2015 1:16	61.2	9/1/2015 2:21	60.3	10/1/2015 3:26	59.3	11/1/2015 4:31	59.5	12/1/2015 5:36	58.6	
7/1/2015 0:16	60.8	8/1/2015 1:21	61.6	9/1/2015 2:26	59.3	10/1/2015 3:31	59.5	11/1/2015 4:36	58.6	12/1/2015 5:41	58.7	
7/1/2015 0:21	60.7	8/1/2015 1:26	60.6	9/1/2015 2:31	61.4	10/1/2015 3:36	60.3	11/1/2015 4:41	58.5	12/1/2015 5:46	59.3	
7/1/2015 0:26	61.4	8/1/2015 1:31	60.1	9/1/2015 2:36	59.8	10/1/2015 3:41	59.8	11/1/2015 4:46	58.5	12/1/2015 5:51	60.0	
7/1/2015 0:31	61.0	8/1/2015 1:36	60.1	9/1/2015 2:41	58.8	10/1/2015 3:46	59.0	11/1/2015 4:51	57.9	12/1/2015 5:56	59.6	
7/1/2015 0:36	54.8	8/1/2015 1:41	60.6	9/1/2015 2:46	59.1	10/1/2015 3:51	59.2	11/1/2015 4:56	59.7	12/1/2015 6:01	59.5	
7/1/2015 0:41	61.3	8/1/2015 1:46	60.0	9/1/2015 2:51	59.0	10/1/2015 3:56	59.4	11/1/2015 5:01	58.6	12/1/2015 6:06	60.8	
7/1/2015 0:46	60.7	8/1/2015 1:51	59.8	9/1/2015 2:56	58.8	10/1/2015 4:01	58.9	11/1/2015 5:06	59.1	12/1/2015 6:11	61.0	
7/1/2015 0:51	59.7	8/1/2015 1:56	60.4	9/1/2015 3:01	58.3	10/1/2015 4:06	58.7	11/1/2015 5:11	58.4	12/1/2015 6:16	61.4	
7/1/2015 0:56	58.9	8/1/2015 2:01	60.6	9/1/2015 3:06	58.7	10/1/2015 4:11	60.1	11/1/2015 5:16	58.8	12/1/2015 6:21	61.8	
7/1/2015 1:01	59.5	8/1/2015 2:06	59.9	9/1/2015 3:11	57.9	10/1/2015 4:16	59.7	11/1/2015 5:21	58.2	12/1/2015 6:26	46.7	
7/1/2015 1:06	59.4	8/1/2015 2:11	58.6	9/1/2015 3:16	58.6	10/1/2015 4:21	59.0	11/1/2015 5:26	59.2	12/1/2015 6:31	53.9	
7/1/2015 1:11	59.0	8/1/2015 2:16	59.8	9/1/2015 3:21	58.0	10/1/2015 4:26	60.3	11/1/2015 5:31	58.8	12/1/2015 6:36	54.5	
7/1/2015 1:16	59.5	8/1/2015 2:21	59.4	9/1/2015 3:26	58.3	10/1/2015 4:31	58.8	11/1/2015 5:36	59.1	12/1/2015 6:41	54.0	
7/1/2015 1:21	59.2	8/1/2015 2:26	59.4	9/1/2015 3:31	58.6	10/1/2015 4:36	59.1	11/1/2015 5:41	59.0	12/1/2015 6:46	57.2	
7/1/2015 1:26	58.7	8/1/2015 2:31	59.4	9/1/2015 3:36	57.6	10/1/2015 4:41	58.9	11/1/2015 5:46	59.1	12/1/2015 6:51	58.6	
7/1/2015 1:31	58.9	8/1/2015 2:36	59.1	9/1/2015 3:41	57.8	10/1/2015 4:46	58.7	11/1/2015 5:51	59.2	12/1/2015 6:56	59.9	
7/1/2015 1:36	58.9	8/1/2015 2:41	58.0	9/1/2015 3:46	58.8	10/1/2015 4:51	58.3	11/1/2015 5:56	59.7	12/1/2015 7:01	65.7	
7/1/2015 1:41	59.2	8/1/2015 2:46	59.4	9/1/2015 3:51	58.6	10/1/2015 4:56	59.2	11/1/2015 6:01	59.9	12/1/2015 7:06	65.4	
7/1/2015 1:46	58.4	8/1/2015 2:51	59.0	9/1/2015 3:56	60.6	10/1/2015 5:01	59.3	11/1/2015 6:06	59.7	12/1/2015 7:11	65.6	
7/1/2015 1:51	59.0	8/1/2015 2:56	59.2	9/1/2015 4:01	58.1	10/1/2015 5:06	59.0	11/1/2015 6:11	60.5	12/1/2015 7:16	66.2	
7/1/2015 1:56	58.4	8/1/2015 3:01	59.1	9/1/2015 4:06	58.2	10/1/2015 5:11	59.3	11/1/2015 6:16	60.3	12/1/2015 7:21	64.8	
7/1/2015 2:01	58.5	8/1/2015 3:06	59.7	9/1/2015 4:11	58.6	10/1/2015 5:16	58.6	11/1/2015 6:21	60.3	12/1/2015 7:26	65.1	
7/1/2015 2:06	57.9	8/1/2015 3:11	57.9	9/1/2015 4:16	58.0	10/1/2015 5:21	59.1	11/1/2015 6:26	61.3	12/1/2015 7:31	65.0	
7/1/2015 2:11	56.9	8/1/2015 3:16	57.9	9/1/2015 4:21	58.2	10/1/2015 5:26	60.4	11/1/2015 6:31	60.8	12/1/2015 7:36	63.8	
7/1/2015 2:16	57.8	8/1/2015 3:21	59.4	9/1/2015 4:26	57.8	10/1/2015 5:31	58.9	11/1/2015 6:36	60.9	12/1/2015 7:41	64.7	
7/1/2015 2:21	57.3	8/1/2015 3:26	57.6	9/1/2015 4:31	58.4	10/1/2015 5:36	60.9	11/1/2015 6:41	61.2	12/1/2015 7:46	63.2	
7/1/2015 2:26	58.2	8/1/2015 3:31	59.3	9/1/2015 4:36	58.5	10/1/2015 5:41	59.6	11/1/2015 6:46	61.4	12/1/2015 7:51	63.6	
7/1/2015 2:31	58.6	8/1/2015 3:36	57.7	9/1/2015 4:41	57.5	10/1/2015 5:46	60.1	11/1/2015 6:51	61.3	12/1/2015 7:56	63.7	
7/1/2015 2:36	57.5	8/1/2015 3:41	59.5	9/1/2015 4:46	59.4	10/1/2015 5:51	60.3	11/1/2015 6:56	60.8	13/1/2015 0:01	62.6	
7/1/2015 2:41	57.4	8/1/2015 3:46	58.9	9/1/2015 4:51	58.4	10/1/2015 5:56	61.0	11/1/2015 7:01	56.5	13/1/2015 0:06	64.2	
7/1/2015 2:46	58.0	8/1/2015 3:51	57.7	9/1/2015 4:56	58.8	10/1/2015 6:01	60.2	11/1/2015 7:06	59.7	13/1/2015 0:11	62.3	
7/1/2015 2:51	57.0	8/1/2015 3:56	57.7	9/1/2015 5:01	59.6	10/1/2015 6:06	60.6	11/1/2015 7:11	54.5	13/1/2015 0:16	63.4	
7/1/2015 2:56	57.9	8/1/2015 4:01	59.3	9/1/2015 5:06	58.9	10/1/2015 6:11	61.0	11/1/2015 7:16	55.2	13/1/2015 0:21	63.2	
7/1/2015 3:01	57.3	8/1/2015 4:06	59.3	9/1/2015 5:11	58.9	10/1/2015 6:16	61.5	11/1/2015 7:21	50.4	13/1/2015 0:26	64.3	
7/1/2015 3:06	56.4	8/1/2015 4:11	58.2	9/1/2015 5:16	58.7	10/1/2015 6:21	61.6	11/1/2015 7:26	54.1	13/1/2015 0:31	62.7	
7/1/2015 3:11	57.7	8/1/2015 4:16	58.4	9/1/2015 5:21	58.9	10/1/2015 6:26	61.9	11/1/2015 7:31	50.6	13/1/2015 0:36	62.1	
7/1/2015 3:16	57.3	8/1/2015 4:21	57.1	9/1/2015 5:26	59.3	10/1/2015 6:31	50.1	11/1/2015 7:36	53.2	13/1/2015 0:41	63.5	
7/1/2015 3:21	56.2	8/1/2015 4:26	59.1	9/1/2015 5:31	60.2	10/1/2015 6:36	61.7	11/1/2015 7:41	52.0	13/1/2015 0:46	59.5	
7/1/2015 3:26	57.7	8/1/2015 4:31	58.3	9/1/2015 5:36	60.1	10/1/2015 6:41	57.7	11/1/2015 7:46	55.1	13/1/2015 0:51	60.1	
7/1/2015 3:31	59.2	8/1/2015 4:36	58.0	9/1/2015 5:41	59.6	10/1/2015 6:46	58.1	11/1/2015 7:51	61.8	13/1/2015 0:56	60.2	
7/1/2015 3:36	57.2	8/1/2015 4:41	60.0	9/1/2015 5:46	52.4	10/1/2015 6:51	55.1	11/1/2015 7:56	56.6	13/1/2015 1:01	58.8	
7/1/2015 3:41	57.2	8/1/2015 4:46	57.7	9/1/2015 5:51	60.5	10/1/2015 6:56	57.2	12/1/2015 0:01	55.1	13/1/2015 1:06	58.0	
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7/1/2015 3:56	58.5	8/1/2015 5:01	59.7	9/1/2015 6:06	51.3	10/1/2015 7:11	60.8	12/1/2015 0:16	49.8	13/1/2015 1:21	57.2	
7/1/2015 4:01	58.1	8/1/2015 5:06	59.2	9/1/2015 6:11	50.7	10/1/2015 7:16	59.9	12/1/2015 0:21	61.8	13/1/2015 1:26	58.0	
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7/1/2015 4:11	58.1	8/1/2015 5:16	59.1	9/1/2015 6:21	54.8	10/1/2015 7:26	60.2	12/1/2015 0:31	61.3	13/1/2015 1:36	51.4	
7/1/2015 4:16	57.8	8/1/2015 5:21	60.2	9/1/2015 6:26	55.7	10/1/2015 7:31	60.4	12/1/2015 0:36	61.3	13/1/2015 1:41	56.5	
7/1/2015 4:21	57.1	8/1/2015 5:26	58.8	9/1/2015 6:31	58.1	10/1/2015 7:36	60.2	12/1/2015 0:41	60.8	13/1/2015 1:46	53.9	
7/1/2015 4:26	57.3	8/1/2015 5:31	59.7	9/1/2015 6:36	58.9	10/1/2015 7:41	59.8	12/1/2015 0:46	61.0	13/1/2015 1:51	61.4	
7/1/2015 4:31	58.2	8/1/2015 5:36	59.4	9/1/2015 6:41	58.7	10/1/2015 7:46	60.2	12/1/2015 0:51	60.7	13/1/2015 1:56	44.6	
7/1/2015 4:36	57.6	8/1/2015 5:41	60.4	9/1/2015 6:46	60.1	10/1/2015 7:51	58.4	12/1/2015 0:56	59.3	13/1/2015 2:01	43.3	
7/1/2015 4:41	58.3	8/1/2015 5:46	60.9	9/1/2015 6:51	61.5	10/1/2015 7:56	55.0	12/1/2015 1:01	59.8	13/1/2015 2:06	61.1	
7/1/2015 4:46	57.9	8/1/2015 5:51	60.5	9/1/2015 6:56	58.9	11/1/2015 0:01	61.2	12/1/2015 1:06	60.7	13/1/2015 2:11	61.4	
7/1/2015 4:51	57.9	8/1/2015 5:56	61.1	9/1/2015 7:01	60.6	11/1/2015 0:06	61.1	12/1/2015 1:11	59.5	13/1/2015 2:16	60.8	
7/1/2015 4:56	58.7	8/1/2015 6:01	61.3	9/1/2015 7:06	59.5	11/1/2015 0:11	61.2	12/1/2015 1:16	59.2	13/1/2015 2:21	61.5	
7/1/2015 5:01	58.8	8/1/2015 6:06	50.1	9/1/2015 7:11	60.5	11/1/2015 0:16	60.6	12/1/2015 1:21	59.4	13/1/2015 2:26	42.5	
7/1/2015 5:06	58.4	8/1/2015 6:11	52.7	9/1/2015 7:16	60.7	11/1/2015 0:21	60.2	12/1/2015 1:26	59.4	13/1/2015 2:31	38.5	
7/1/2015 5:11	58.1	8/1/2015 6:16	61.9	9/1/2015 7:21	60.1	11/1/2015 0:26	59.8	12/1/2015 1:31	58.6	13/1/2015 2:36	54.0	
7/1/2015 5:16	60.1	8/1/2015 6:21	54.0	9/1/2015 7:26	60.2	11/1/2015 0:31	59.8	12/1/2015 1:36	59.0	13/1/2015 2:41	61.5	
7/1/2015 5:21	58.5	8/1/2015 6:26	56.9	9/1/2015 7:31	60.6	11/1/2015 0:36	60.4	12/1/2015 1:41	59.4	13/1/2015 2:46	55.9	
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7/1/2015 5:31	59.4	8/1/2015 6:36	58.0	9/1/2015 7:41	60.4	11/1/2015 0:46	60.1	12/1/2015 1:51	58.8	13/1/2015 2:56	46.4	
7/1/2015 5:36	58.9	8/1/2015 6:41	59.7	9/1/2015 7:46	60.0	11/1/2015 0:51	59.8	12/1/2015 1:56	58.2	13/1/2015 3:01	55.8	
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7/1/2015 5:46	59.9	8/1/2015 6:51	60.8	9/1/2015 7:56	61.0	11/1/2015 1:01	61.2	12/1/2015 2:06	58.8	13/1/2015 3:11	61.2	
7/1/2015 5:51	60.3	8/1/2015 6:56	61.1	10/1/2015 0:01	59.7	11/1/2015 1:06	58.8	12/1/2015 2:11	57.3	13/1/2015 3:16	50.4	
7/1/2015 5:56	59.8	8/1/2015 7:01	61.6	10/1/2015 0:06	58.3	11/1/2015 1:11	60.0	12/1/2015 2:16	58.5	13/1/2015 3:21	54.0	
7/1/2015 6:01	61.0	8/1/2015 7:06	60.7	10/1/2015 0:11	59.2	11/1/2015 1:16	59.9	12/1/2015 2:21	58.0	13/1/2015 3:26	60.5	
7/1/2015 6:06	61.7	8/1/2015 7:11	59.8	10/1/2015 0:16	57.7	11/1/2015 1:21	59.8	12/1/2015 2:26	58.6	13/1/2015 3:31	60.5	
7/1/2015 6:11	61.6	8/1/2015 7:16	60.4									

Real-time Noise Data		RTN1 (Food and Environmental Hygiene Department Depot)									
13/1/2015 6:41	64.5	14/1/2015 23:46	58.6	16/1/2015 0:51	61.4	17/1/2015 1:56	61.6	18/1/2015 3:01	59.6	19/1/2015 4:06	56.9
13/1/2015 6:46	64.4	14/1/2015 23:51	58.8	16/1/2015 0:56	61.4	17/1/2015 2:01	61.1	18/1/2015 3:06	59.8	19/1/2015 4:11	57.8
13/1/2015 6:51	64.9	14/1/2015 23:56	58.2	16/1/2015 1:01	61.6	17/1/2015 2:06	61.8	18/1/2015 3:11	60.1	19/1/2015 4:16	57.1
13/1/2015 6:56	64.0	15/1/2015 0:01	61.9	16/1/2015 1:06	61.8	17/1/2015 2:11	61.2	18/1/2015 3:16	60.0	19/1/2015 4:21	57.0
13/1/2015 23:01	62.1	15/1/2015 0:06	58.3	16/1/2015 1:11	60.7	17/1/2015 2:16	61.0	18/1/2015 3:21	59.8	19/1/2015 4:26	57.2
13/1/2015 23:06	61.5	15/1/2015 0:11	59.7	16/1/2015 1:16	61.1	17/1/2015 2:21	61.3	18/1/2015 3:26	60.1	19/1/2015 4:31	57.9
13/1/2015 23:11	61.0	15/1/2015 0:16	58.0	16/1/2015 1:21	60.6	17/1/2015 2:26	61.9	18/1/2015 3:31	59.5	19/1/2015 4:36	57.4
13/1/2015 23:16	62.1	15/1/2015 0:21	59.0	16/1/2015 1:26	61.5	17/1/2015 2:31	61.3	18/1/2015 3:36	60.4	19/1/2015 4:41	56.6
13/1/2015 23:21	61.4	15/1/2015 0:26	58.0	16/1/2015 1:31	60.7	17/1/2015 2:36	61.3	18/1/2015 3:41	59.3	19/1/2015 4:46	56.6
13/1/2015 23:26	61.2	15/1/2015 0:31	55.9	16/1/2015 1:36	61.1	17/1/2015 2:41	60.9	18/1/2015 3:46	60.1	19/1/2015 4:51	56.7
13/1/2015 23:31	60.8	15/1/2015 0:36	53.8	16/1/2015 1:41	61.3	17/1/2015 2:46	61.4	18/1/2015 3:51	59.3	19/1/2015 4:56	58.1
13/1/2015 23:36	60.9	15/1/2015 0:41	55.5	16/1/2015 1:46	60.5	17/1/2015 2:51	60.8	18/1/2015 3:56	59.7	19/1/2015 5:01	58.1
13/1/2015 23:41	60.4	15/1/2015 0:46	45.1	16/1/2015 1:51	60.6	17/1/2015 2:56	61.4	18/1/2015 4:01	59.4	19/1/2015 5:06	57.4
13/1/2015 23:46	60.9	15/1/2015 0:51	51.9	16/1/2015 1:56	60.2	17/1/2015 3:01	60.3	18/1/2015 4:06	60.7	19/1/2015 5:11	58.0
13/1/2015 23:51	60.6	15/1/2015 0:56	54.2	16/1/2015 2:01	60.2	17/1/2015 3:06	60.3	18/1/2015 4:11	60.1	19/1/2015 5:16	59.0
13/1/2015 23:56	59.5	15/1/2015 1:01	61.3	16/1/2015 2:06	59.9	17/1/2015 3:11	60.5	18/1/2015 4:16	58.9	19/1/2015 5:21	58.1
14/1/2015 0:01	60.0	15/1/2015 1:06	46.0	16/1/2015 2:11	60.5	17/1/2015 3:16	61.1	18/1/2015 4:21	59.7	19/1/2015 5:26	58.8
14/1/2015 0:06	59.2	15/1/2015 1:11	40.3	16/1/2015 2:16	60.4	17/1/2015 3:21	60.4	18/1/2015 4:26	60.1	19/1/2015 5:31	58.8
14/1/2015 0:11	58.4	15/1/2015 1:16	61.6	16/1/2015 2:21	59.9	17/1/2015 3:26	60.3	18/1/2015 4:31	59.4	19/1/2015 5:36	58.8
14/1/2015 0:16	58.4	15/1/2015 1:21	61.8	16/1/2015 2:26	60.1	17/1/2015 3:31	60.4	18/1/2015 4:36	59.1	19/1/2015 5:41	59.2
14/1/2015 0:21	57.2	15/1/2015 1:26	51.0	16/1/2015 2:31	59.9	17/1/2015 3:36	60.6	18/1/2015 4:41	59.0	19/1/2015 5:46	59.9
14/1/2015 0:26	56.8	15/1/2015 1:31	60.8	16/1/2015 2:36	58.8	17/1/2015 3:41	60.3	18/1/2015 4:46	59.2	19/1/2015 5:51	59.8
14/1/2015 0:31	55.9	15/1/2015 1:36	61.4	16/1/2015 2:41	59.4	17/1/2015 3:46	60.4	18/1/2015 4:51	58.6	19/1/2015 5:56	60.7
14/1/2015 0:36	56.8	15/1/2015 1:41	61.1	16/1/2015 2:46	59.2	17/1/2015 3:51	60.6	18/1/2015 4:56	59.0	19/1/2015 6:01	60.4
14/1/2015 0:41	55.5	15/1/2015 1:46	60.4	16/1/2015 2:51	59.7	17/1/2015 3:56	60.3	18/1/2015 5:01	59.2	19/1/2015 6:06	60.7
14/1/2015 0:46	57.6	15/1/2015 1:51	60.6	16/1/2015 2:56	59.2	17/1/2015 4:01	59.3	18/1/2015 5:06	59.6	19/1/2015 6:11	60.1
14/1/2015 0:51	53.8	15/1/2015 1:56	59.9	16/1/2015 3:01	59.4	17/1/2015 4:06	59.7	18/1/2015 5:11	59.8	19/1/2015 6:16	49.3
14/1/2015 0:56	50.7	15/1/2015 2:01	59.6	16/1/2015 3:06	59.9	17/1/2015 4:11	59.4	18/1/2015 5:16	59.2	19/1/2015 6:21	49.8
14/1/2015 1:01	55.5	15/1/2015 2:06	60.0	16/1/2015 3:11	59.3	17/1/2015 4:16	59.7	18/1/2015 5:21	60.2	19/1/2015 6:26	54.5
14/1/2015 1:06	61.9	15/1/2015 2:11	60.7	16/1/2015 3:16	58.5	17/1/2015 4:21	59.6	18/1/2015 5:26	61.4	19/1/2015 6:31	52.5
14/1/2015 1:11	55.6	15/1/2015 2:16	59.6	16/1/2015 3:21	59.1	17/1/2015 4:26	59.9	18/1/2015 5:31	59.5	19/1/2015 6:36	57.0
14/1/2015 1:16	61.6	15/1/2015 2:21	60.5	16/1/2015 3:26	58.7	17/1/2015 4:31	60.0	18/1/2015 5:36	60.0	19/1/2015 6:41	58.9
14/1/2015 1:21	54.8	15/1/2015 2:26	59.1	16/1/2015 3:31	59.8	17/1/2015 4:36	59.8	18/1/2015 5:41	60.0	19/1/2015 6:46	58.9
14/1/2015 1:26	61.7	15/1/2015 2:31	60.0	16/1/2015 3:36	58.6	17/1/2015 4:41	60.0	18/1/2015 5:46	60.4	19/1/2015 6:51	59.5
14/1/2015 1:31	61.0	15/1/2015 2:36	59.8	16/1/2015 3:41	59.7	17/1/2015 4:46	60.0	18/1/2015 5:51	60.3	19/1/2015 6:56	60.5
14/1/2015 1:36	47.9	15/1/2015 2:41	58.8	16/1/2015 3:46	58.9	17/1/2015 4:51	61.8	18/1/2015 5:56	59.9	19/1/2015 23:01	59.2
14/1/2015 1:41	60.9	15/1/2015 2:46	59.7	16/1/2015 3:51	58.9	17/1/2015 4:56	59.0	18/1/2015 6:01	60.4	19/1/2015 23:06	56.0
14/1/2015 1:46	61.3	15/1/2015 2:51	59.7	16/1/2015 3:56	58.6	17/1/2015 5:01	59.5	18/1/2015 6:06	59.8	19/1/2015 23:11	56.1
14/1/2015 1:51	60.8	15/1/2015 2:56	59.4	16/1/2015 4:01	58.2	17/1/2015 5:06	59.2	18/1/2015 6:11	60.7	19/1/2015 23:16	58.3
14/1/2015 1:56	60.5	15/1/2015 3:01	59.1	16/1/2015 4:06	59.2	17/1/2015 5:11	59.4	18/1/2015 6:16	61.4	19/1/2015 23:21	57.8
14/1/2015 2:01	60.2	15/1/2015 3:06	59.2	16/1/2015 4:11	59.4	17/1/2015 5:16	59.5	18/1/2015 6:21	61.2	19/1/2015 23:26	58.6
14/1/2015 2:06	60.8	15/1/2015 3:11	59.1	16/1/2015 4:16	58.8	17/1/2015 5:21	60.0	18/1/2015 6:26	61.0	19/1/2015 23:31	54.1
14/1/2015 2:11	61.2	15/1/2015 3:16	58.5	16/1/2015 4:21	58.7	17/1/2015 5:26	59.9	18/1/2015 6:31	60.3	19/1/2015 23:36	56.9
14/1/2015 2:16	60.3	15/1/2015 3:21	58.3	16/1/2015 4:26	59.7	17/1/2015 5:31	60.0	18/1/2015 6:36	49.8	19/1/2015 23:41	55.6
14/1/2015 2:21	60.2	15/1/2015 3:26	58.7	16/1/2015 4:31	59.4	17/1/2015 5:36	60.6	18/1/2015 6:41	40.3	19/1/2015 23:46	53.8
14/1/2015 2:26	59.8	15/1/2015 3:31	58.9	16/1/2015 4:36	58.2	17/1/2015 5:41	60.5	18/1/2015 6:46	61.2	19/1/2015 23:51	54.5
14/1/2015 2:31	59.8	15/1/2015 3:36	59.4	16/1/2015 4:41	58.1	17/1/2015 5:46	60.1	18/1/2015 6:51	60.8	19/1/2015 23:56	52.9
14/1/2015 2:36	59.6	15/1/2015 3:41	58.8	16/1/2015 4:46	59.7	17/1/2015 5:51	61.1	18/1/2015 6:56	61.6	20/1/2015 0:01	57.2
14/1/2015 2:41	59.1	15/1/2015 3:46	59.1	16/1/2015 4:51	58.7	17/1/2015 5:56	60.8	18/1/2015 7:01	56.3	20/1/2015 0:06	54.1
14/1/2015 2:46	60.5	15/1/2015 3:51	58.2	16/1/2015 4:56	60.0	17/1/2015 6:01	60.3	18/1/2015 7:06	56.4	20/1/2015 0:11	55.2
14/1/2015 2:51	59.7	15/1/2015 3:56	59.6	16/1/2015 5:01	58.9	17/1/2015 6:06	60.4	18/1/2015 7:11	56.2	20/1/2015 0:16	53.6
14/1/2015 2:56	59.8	15/1/2015 4:01	58.3	16/1/2015 5:06	58.1	17/1/2015 6:11	61.4	18/1/2015 7:16	57.6	20/1/2015 0:21	53.8
14/1/2015 3:01	59.4	15/1/2015 4:06	59.2	16/1/2015 5:11	59.1	17/1/2015 6:16	61.1	18/1/2015 7:21	56.8	20/1/2015 0:26	38.5
14/1/2015 3:06	59.4	15/1/2015 4:11	59.7	16/1/2015 5:16	59.3	17/1/2015 6:21	61.3	18/1/2015 7:26	61.2	20/1/2015 0:31	61.5
14/1/2015 3:11	59.5	15/1/2015 4:16	57.8	16/1/2015 5:21	60.1	17/1/2015 6:26	52.7	18/1/2015 7:31	52.6	20/1/2015 0:36	50.9
14/1/2015 3:16	58.7	15/1/2015 4:21	59.1	16/1/2015 5:26	59.6	17/1/2015 6:31	61.4	18/1/2015 7:36	57.2	20/1/2015 0:41	61.6
14/1/2015 3:21	59.5	15/1/2015 4:26	59.8	16/1/2015 5:31	59.3	17/1/2015 6:36	46.7	18/1/2015 7:41	49.6	20/1/2015 0:46	61.7
14/1/2015 3:26	59.5	15/1/2015 4:31	59.5	16/1/2015 5:36	60.1	17/1/2015 6:41	55.5	18/1/2015 7:46	56.6	20/1/2015 0:51	60.8
14/1/2015 3:31	60.0	15/1/2015 4:36	59.5	16/1/2015 5:41	59.9	17/1/2015 6:46	58.1	18/1/2015 7:51	48.2	20/1/2015 0:56	60.7
14/1/2015 3:36	59.0	15/1/2015 4:41	58.6	16/1/2015 5:46	60.4	17/1/2015 6:51	52.3	18/1/2015 7:56	56.3	20/1/2015 1:01	60.7
14/1/2015 3:41	59.4	15/1/2015 4:46	59.2	16/1/2015 5:51	60.2	17/1/2015 6:56	58.1	19/1/2015 0:01	45.6	20/1/2015 1:06	60.7
14/1/2015 3:46	59.3	15/1/2015 4:51	59.2	16/1/2015 5:56	60.9	17/1/2015 7:01	60.8	19/1/2015 0:06	53.5	20/1/2015 1:11	61.1
14/1/2015 3:51	59.3	15/1/2015 4:56	59.2	16/1/2015 6:01	60.5	17/1/2015 7:06	59.6	19/1/2015 0:11	57.7	20/1/2015 1:16	60.3
14/1/2015 3:56	59.0	15/1/2015 5:01	58.6	16/1/2015 6:06	60.6	17/1/2015 7:11	59.4	19/1/2015 0:16	52.8	20/1/2015 1:21	60.5
14/1/2015 4:01	57.9	15/1/2015 5:06	59.5	16/1/2015 6:11	61.6	17/1/2015 7:16	61.2	19/1/2015 0:21	52.2	20/1/2015 1:26	59.8
14/1/2015 4:06	59.7	15/1/2015 5:11	60.4	16/1/2015 6:16	44.6	17/1/2015 7:21	60.6	19/1/2015 0:26	61.5	20/1/2015 1:31	60.2
14/1/2015 4:11	59.0	15/1/2015 5:16	58.8	16/1/2015 6:21	53.2	17/1/2015 7:26	59.8	19/1/2015 0:31	61.4	20/1/2015 1:36	59.4
14/1/2015 4:16	59.1	15/1/2015 5:21	60.2	16/1/2015 6:26	53.0	17/1/2015 7:31	60.4	19/1/2015 0:36	60.6	20/1/2015 1:41	59.7
14/1/2015 4:21	59.2	15/1/2015 5:26	59.3	16/1/2015 6:31	55.5	17/1/2015 7:36	60.4	19/1/2015 0:41	60.8	20/1/2015 1:46	59.7
14/1/2015 4:26	58.7	15/1/2015 5:31	60.1	16/1/2015 6:36	56.8	17/1/2015 7:41	59.2	19/1/2015 0:46	60.8	20/1/2015 1:51	60.5
14/1/2015 4:31	59.7	15/1/2015 5:36	60.4	16/1/2015 6:41	59.9	17/1/2015 7:46	60.1	19/1/2015 0:51	60.5	20/1/2015 1:56	

Real-time Noise Data		RTN1 (Food and Environmental Hygiene Department Depot)									
20/1/2015 5:11	59.1	21/1/2015 6:16	61.7	22/1/2015 23:21	57.1	24/1/2015 0:26	49.4	25/1/2015 1:31	59.9	26/1/2015 2:36	58.4
20/1/2015 5:16	58.8	21/1/2015 6:21	61.9	22/1/2015 23:26	57.5	24/1/2015 0:31	53.4	25/1/2015 1:36	54.5	26/1/2015 2:41	58.1
20/1/2015 5:21	58.4	21/1/2015 6:26	52.7	22/1/2015 23:31	59.6	24/1/2015 0:36	40.3	25/1/2015 1:41	54.3	26/1/2015 2:46	58.3
20/1/2015 5:26	59.5	21/1/2015 6:31	55.1	22/1/2015 23:36	55.1	24/1/2015 0:41	52.9	25/1/2015 1:46	53.4	26/1/2015 2:51	59.3
20/1/2015 5:31	58.7	21/1/2015 6:36	57.3	22/1/2015 23:41	53.3	24/1/2015 0:46	61.8	25/1/2015 1:51	53.1	26/1/2015 2:56	58.9
20/1/2015 5:36	58.5	21/1/2015 6:41	57.1	22/1/2015 23:46	52.9	24/1/2015 0:51	61.7	25/1/2015 1:56	53.0	26/1/2015 3:01	58.7
20/1/2015 5:41	59.9	21/1/2015 6:46	59.2	22/1/2015 23:51	55.1	24/1/2015 0:56	46.0	25/1/2015 2:01	53.3	26/1/2015 3:06	58.3
20/1/2015 5:46	60.0	21/1/2015 6:51	60.3	22/1/2015 23:56	51.1	24/1/2015 1:01	61.3	25/1/2015 2:06	54.3	26/1/2015 3:11	58.5
20/1/2015 5:51	60.0	21/1/2015 6:56	60.2	23/1/2015 0:01	55.0	24/1/2015 1:06	61.1	25/1/2015 2:11	53.2	26/1/2015 3:16	57.1
20/1/2015 5:56	59.8	21/1/2015 23:01	59.2	23/1/2015 0:06	54.1	24/1/2015 1:11	61.4	25/1/2015 2:16	54.2	26/1/2015 3:21	57.5
20/1/2015 6:01	60.2	21/1/2015 23:06	58.7	23/1/2015 0:11	49.4	24/1/2015 1:16	61.2	25/1/2015 2:21	53.5	26/1/2015 3:26	58.8
20/1/2015 6:06	61.4	21/1/2015 23:11	59.7	23/1/2015 0:16	54.8	24/1/2015 1:21	61.5	25/1/2015 2:26	55.8	26/1/2015 3:31	57.1
20/1/2015 6:11	61.4	21/1/2015 23:16	58.1	23/1/2015 0:21	51.4	24/1/2015 1:26	61.4	25/1/2015 2:31	56.4	26/1/2015 3:36	58.8
20/1/2015 6:16	61.7	21/1/2015 23:21	58.0	23/1/2015 0:26	61.6	24/1/2015 1:31	52.6	25/1/2015 2:36	61.4	26/1/2015 3:41	58.0
20/1/2015 6:21	52.2	21/1/2015 23:26	57.1	23/1/2015 0:31	61.3	24/1/2015 1:36	61.5	25/1/2015 2:41	57.7	26/1/2015 3:46	57.1
20/1/2015 6:26	55.2	21/1/2015 23:31	57.4	23/1/2015 0:36	48.8	24/1/2015 1:41	61.6	25/1/2015 2:46	55.0	26/1/2015 3:51	58.1
20/1/2015 6:31	56.3	21/1/2015 23:36	56.8	23/1/2015 0:41	61.8	24/1/2015 1:46	60.6	25/1/2015 2:51	54.4	26/1/2015 3:56	57.3
20/1/2015 6:36	54.7	21/1/2015 23:41	54.3	23/1/2015 0:46	60.9	24/1/2015 1:51	60.9	25/1/2015 2:56	52.9	26/1/2015 4:01	59.0
20/1/2015 6:41	58.7	21/1/2015 23:46	57.8	23/1/2015 0:51	61.2	24/1/2015 1:56	61.2	25/1/2015 3:01	52.7	26/1/2015 4:06	58.5
20/1/2015 6:46	58.2	21/1/2015 23:51	55.6	23/1/2015 0:56	60.9	24/1/2015 2:01	60.5	25/1/2015 3:06	52.7	26/1/2015 4:11	57.7
20/1/2015 6:51	59.6	21/1/2015 23:56	55.8	23/1/2015 1:01	60.7	24/1/2015 2:06	61.4	25/1/2015 3:11	53.4	26/1/2015 4:16	57.9
20/1/2015 6:56	60.3	22/1/2015 0:01	55.0	23/1/2015 1:06	60.6	24/1/2015 2:11	60.2	25/1/2015 3:16	53.4	26/1/2015 4:21	58.5
20/1/2015 23:01	52.8	22/1/2015 0:06	49.4	23/1/2015 1:11	60.9	24/1/2015 2:16	60.5	25/1/2015 3:21	52.6	26/1/2015 4:26	58.1
20/1/2015 23:06	51.1	22/1/2015 0:11	63.6	23/1/2015 1:16	61.0	24/1/2015 2:21	60.7	25/1/2015 3:26	53.0	26/1/2015 4:31	58.1
20/1/2015 23:11	57.3	22/1/2015 0:16	56.9	23/1/2015 1:21	61.6	24/1/2015 2:26	60.2	25/1/2015 3:31	53.0	26/1/2015 4:36	58.9
20/1/2015 23:16	58.1	22/1/2015 0:21	56.6	23/1/2015 1:26	59.7	24/1/2015 2:31	60.9	25/1/2015 3:36	52.9	26/1/2015 4:41	58.3
20/1/2015 23:21	58.5	22/1/2015 0:26	44.0	23/1/2015 1:31	60.2	24/1/2015 2:36	60.3	25/1/2015 3:41	53.0	26/1/2015 4:46	58.1
20/1/2015 23:26	52.7	22/1/2015 0:31	52.1	23/1/2015 1:36	61.2	24/1/2015 2:41	61.0	25/1/2015 3:46	52.7	26/1/2015 4:51	58.9
20/1/2015 23:31	54.8	22/1/2015 0:36	61.3	23/1/2015 1:41	59.5	24/1/2015 2:46	60.0	25/1/2015 3:51	52.9	26/1/2015 4:56	58.9
20/1/2015 23:36	55.8	22/1/2015 0:41	47.4	23/1/2015 1:46	60.5	24/1/2015 2:51	60.7	25/1/2015 3:56	52.7	26/1/2015 5:01	57.7
20/1/2015 23:41	63.6	22/1/2015 0:46	61.4	23/1/2015 1:51	59.8	24/1/2015 2:56	60.1	25/1/2015 4:01	52.6	26/1/2015 5:06	58.4
20/1/2015 23:46	66.6	22/1/2015 0:51	61.6	23/1/2015 1:56	59.7	24/1/2015 3:01	59.2	25/1/2015 4:06	52.8	26/1/2015 5:11	58.8
20/1/2015 23:51	66.2	22/1/2015 0:56	60.9	23/1/2015 2:01	58.9	24/1/2015 3:06	60.2	25/1/2015 4:11	53.3	26/1/2015 5:16	58.5
20/1/2015 23:56	65.5	22/1/2015 1:01	60.5	23/1/2015 2:06	59.2	24/1/2015 3:11	59.7	25/1/2015 4:16	53.0	26/1/2015 5:21	58.9
21/1/2015 0:01	64.0	22/1/2015 1:06	60.6	23/1/2015 2:11	59.6	24/1/2015 3:16	59.3	25/1/2015 4:21	53.1	26/1/2015 5:26	59.8
21/1/2015 0:06	60.9	22/1/2015 1:11	60.5	23/1/2015 2:16	58.7	24/1/2015 3:21	59.7	25/1/2015 4:26	53.2	26/1/2015 5:31	59.6
21/1/2015 0:11	58.6	22/1/2015 1:16	60.2	23/1/2015 2:21	59.1	24/1/2015 3:26	59.4	25/1/2015 4:31	53.2	26/1/2015 5:36	60.2
21/1/2015 0:16	52.9	22/1/2015 1:21	60.8	23/1/2015 2:26	58.5	24/1/2015 3:31	59.9	25/1/2015 4:36	52.7	26/1/2015 5:41	59.8
21/1/2015 0:21	57.6	22/1/2015 1:26	60.6	23/1/2015 2:31	58.4	24/1/2015 3:36	59.5	25/1/2015 4:41	52.6	26/1/2015 5:46	60.6
21/1/2015 0:26	61.9	22/1/2015 1:31	60.7	23/1/2015 2:36	58.9	24/1/2015 3:41	58.7	25/1/2015 4:46	52.7	26/1/2015 5:51	60.6
21/1/2015 0:31	61.7	22/1/2015 1:36	60.0	23/1/2015 2:41	58.3	24/1/2015 3:46	59.2	25/1/2015 4:51	53.1	26/1/2015 5:56	60.0
21/1/2015 0:36	61.5	22/1/2015 1:41	59.1	23/1/2015 2:46	58.6	24/1/2015 3:51	59.4	25/1/2015 4:56	53.2	26/1/2015 6:01	60.1
21/1/2015 0:41	61.2	22/1/2015 1:46	59.4	23/1/2015 2:51	58.9	24/1/2015 3:56	59.1	25/1/2015 5:01	53.0	26/1/2015 6:06	61.0
21/1/2015 0:46	61.6	22/1/2015 1:51	60.3	23/1/2015 2:56	58.4	24/1/2015 4:01	58.5	25/1/2015 5:06	53.4	26/1/2015 6:11	48.2
21/1/2015 0:51	61.3	22/1/2015 1:56	59.5	23/1/2015 3:01	58.1	24/1/2015 4:06	59.7	25/1/2015 5:11	53.5	26/1/2015 6:16	61.8
21/1/2015 0:56	61.2	22/1/2015 2:01	59.9	23/1/2015 3:06	58.8	24/1/2015 4:11	58.5	25/1/2015 5:16	53.7	26/1/2015 6:21	55.2
21/1/2015 1:01	60.7	22/1/2015 2:06	59.5	23/1/2015 3:11	57.9	24/1/2015 4:16	59.0	25/1/2015 5:21	53.6	26/1/2015 6:26	56.8
21/1/2015 1:06	60.4	22/1/2015 2:11	58.3	23/1/2015 3:16	57.8	24/1/2015 4:21	58.8	25/1/2015 5:26	53.3	26/1/2015 6:31	55.1
21/1/2015 1:11	61.0	22/1/2015 2:16	59.2	23/1/2015 3:21	58.2	24/1/2015 4:26	58.1	25/1/2015 5:31	53.5	26/1/2015 6:36	57.8
21/1/2015 1:16	60.2	22/1/2015 2:21	59.3	23/1/2015 3:26	58.2	24/1/2015 4:31	59.1	25/1/2015 5:36	54.3	26/1/2015 6:41	58.7
21/1/2015 1:21	60.0	22/1/2015 2:26	58.2	23/1/2015 3:31	57.6	24/1/2015 4:36	59.2	25/1/2015 5:41	54.2	26/1/2015 6:46	59.4
21/1/2015 1:26	60.1	22/1/2015 2:31	59.0	23/1/2015 3:36	58.4	24/1/2015 4:41	58.4	25/1/2015 5:46	54.5	26/1/2015 6:51	61.2
21/1/2015 1:31	60.3	22/1/2015 2:36	58.4	23/1/2015 3:41	58.9	24/1/2015 4:46	57.7	25/1/2015 5:51	53.9	26/1/2015 6:56	61.7
21/1/2015 1:36	59.3	22/1/2015 2:41	59.2	23/1/2015 3:46	57.4	24/1/2015 4:51	59.1	25/1/2015 5:56	54.1	26/1/2015 7:01	58.1
21/1/2015 1:41	60.6	22/1/2015 2:46	58.4	23/1/2015 3:51	58.2	24/1/2015 4:56	59.3	25/1/2015 6:01	54.6	26/1/2015 7:06	58.4
21/1/2015 1:46	59.2	22/1/2015 2:51	58.3	23/1/2015 3:56	58.2	24/1/2015 5:01	58.8	25/1/2015 6:06	54.9	26/1/2015 7:11	58.1
21/1/2015 1:51	59.7	22/1/2015 2:56	57.4	23/1/2015 4:01	57.4	24/1/2015 5:06	59.5	25/1/2015 6:11	54.9	26/1/2015 7:16	56.8
21/1/2015 1:56	60.2	22/1/2015 3:01	58.4	23/1/2015 4:06	58.0	24/1/2015 5:11	57.8	25/1/2015 6:16	58.1	26/1/2015 7:21	56.7
21/1/2015 2:01	59.9	22/1/2015 3:06	57.5	23/1/2015 4:11	57.4	24/1/2015 5:16	58.9	25/1/2015 6:21	56.8	26/1/2015 7:26	57.6
21/1/2015 2:06	59.5	22/1/2015 3:11	57.6	23/1/2015 4:16	58.5	24/1/2015 5:21	59.4	25/1/2015 6:26	56.2	26/1/2015 7:31	57.4
21/1/2015 2:11	59.7	22/1/2015 3:16	57.7	23/1/2015 4:21	58.2	24/1/2015 5:26	58.7	25/1/2015 6:31	56.3	26/1/2015 7:36	60.5
21/1/2015 2:16	59.2	22/1/2015 3:21	58.4	23/1/2015 4:26	57.7	24/1/2015 5:31	60.3	25/1/2015 6:36	56.7	26/1/2015 7:41	56.5
21/1/2015 2:21	59.5	22/1/2015 3:26	57.2	23/1/2015 4:31	57.8	24/1/2015 5:36	54.0	25/1/2015 6:41	57.3	26/1/2015 7:46	57.9
21/1/2015 2:26	58.8	22/1/2015 3:31	58.7	23/1/2015 4:36	59.0	24/1/2015 5:41	56.5	25/1/2015 6:46	56.5	26/1/2015 7:51	48.2
21/1/2015 2:31	58.8	22/1/2015 3:36	58.6	23/1/2015 4:41	58.0	24/1/2015 5:46	67.9	25/1/2015 6:51	56.3	26/1/2015 7:56	56.8
21/1/2015 2:36	59.4	22/1/2015 3:41	60.4	23/1/2015 4:46	58.3	24/1/2015 5:51	58.6	25/1/2015 6:56	56.7	27/1/2015 0:01	54.2
21/1/2015 2:41	59.1	22/1/2015 3:46	58.7	23/1/2015 4:51	58.3	24/1/2015 5:56	59.3	25/1/2015 7:01	58.2	27/1/2015 0:06	56.5
21/1/2015 2:46	58.8	22/1/2015 3:51	58.7	23/1/2015 4:56	58.0	24/1/2015 6:01	60.4	25/1/2015 7:06	58.5	27/1/2015 0:11	49.3
21/1/2015 2:51	58.4	22/1/2015 3:56	57.5	23/1/2015 5:01	57.5	24/1/2015 6:06	60.0	25/1/2015 7:11	58.5	27/1/2015 0:16	52.6
21/1/2015 2:56	59.2	22/1/2015 4:01	57.4	23/1/2015 5:06	60.0	24/1/2015 6:11	61.4	25/1/2015 7:16	57.5	27/1/2015 0:21	53.3
21/1/2015 3:01	58.0	22/1/2015 4:06	58.4	23/1/2015 5:11	58.8	24/1/2015 6:16	61.5	25/1/2015 7:21	57.4	27/1/2015 0:	

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

27/1/2015 3:41	59.1
27/1/2015 3:46	57.9
27/1/2015 3:51	57.6
27/1/2015 3:56	57.8
27/1/2015 4:01	57.8
27/1/2015 4:06	58.5
27/1/2015 4:11	57.6
27/1/2015 4:16	57.3
27/1/2015 4:21	58.9
27/1/2015 4:26	57.1
27/1/2015 4:31	57.8
27/1/2015 4:36	58.3
27/1/2015 4:41	57.7
27/1/2015 4:46	58.5
27/1/2015 4:51	57.7
27/1/2015 4:56	58.3
27/1/2015 5:01	58.6
27/1/2015 5:06	58.7
27/1/2015 5:11	58.5
27/1/2015 5:16	59.1
27/1/2015 5:21	58.7
27/1/2015 5:26	60.1
27/1/2015 5:31	58.6
27/1/2015 5:36	59.1
27/1/2015 5:41	58.7
27/1/2015 5:46	59.8
27/1/2015 5:51	60.6
27/1/2015 5:56	60.6
27/1/2015 6:01	59.9
27/1/2015 6:06	60.4
27/1/2015 6:11	61.0
27/1/2015 6:16	61.5
27/1/2015 6:21	49.4
27/1/2015 6:26	57.2
27/1/2015 6:31	56.1
27/1/2015 6:36	54.1
27/1/2015 6:41	57.2
27/1/2015 6:46	59.1
27/1/2015 6:51	60.0
27/1/2015 6:56	60.0
27/1/2015 23:01	60.6
27/1/2015 23:06	58.3
27/1/2015 23:11	56.9
27/1/2015 23:16	58.2
27/1/2015 23:21	59.1
27/1/2015 23:26	56.8
27/1/2015 23:31	56.5
27/1/2015 23:36	56.8
27/1/2015 23:41	55.4
27/1/2015 23:46	55.8
27/1/2015 23:51	51.9
27/1/2015 23:56	55.7

Real-time Noise Data	RTN2a (Hong Kong Electric Centre)				
Normal Day 07:00-19:00	3/1/2015 12:31 65.4	9/1/2015 7:01 63.9	14/1/2015 13:31 74.7	20/1/2015 8:01 56.9	24/1/2015 14:31 69.4
29/12/2014 7:01 65.8	3/1/2015 13:01 57.9	9/1/2015 7:31 66.9	14/1/2015 14:01 74.6	20/1/2015 8:31 69.2	24/1/2015 15:01 68.4
29/12/2014 7:31 66.8	3/1/2015 13:31 65.9	9/1/2015 8:01 64.9	14/1/2015 14:31 73.5	20/1/2015 9:01 72.3	24/1/2015 15:31 67.2
29/12/2014 8:01 62.3	3/1/2015 14:01 66.0	9/1/2015 8:31 65.0	14/1/2015 15:01 74.2	20/1/2015 9:31 71.6	24/1/2015 16:01 69.0
29/12/2014 8:31 68.3	3/1/2015 14:31 64.6	9/1/2015 9:01 67.5	14/1/2015 15:31 71.8	20/1/2015 10:01 69.3	24/1/2015 16:31 69.7
29/12/2014 9:01 68.5	3/1/2015 15:01 65.9	9/1/2015 9:31 66.0	14/1/2015 16:01 73.1	20/1/2015 10:31 69.3	24/1/2015 17:01 69.3
29/12/2014 9:31 69.5	3/1/2015 15:31 65.3	9/1/2015 10:01 63.5	14/1/2015 16:31 73.0	20/1/2015 11:01 71.0	24/1/2015 17:31 65.5
29/12/2014 10:01 65.6	3/1/2015 16:01 59.0	9/1/2015 10:31 64.1	14/1/2015 17:01 76.0	20/1/2015 11:31 63.4	24/1/2015 18:01 66.1
29/12/2014 10:31 65.4	3/1/2015 16:31 63.6	9/1/2015 11:01 66.5	14/1/2015 17:31 67.4	20/1/2015 12:01 56.7	24/1/2015 18:31 65.0
29/12/2014 11:01 63.2	3/1/2015 17:01 62.6	9/1/2015 11:31 61.0	14/1/2015 18:01 66.5	20/1/2015 12:31 64.3	26/1/2015 7:01 64.5
29/12/2014 11:31 59.1	3/1/2015 17:31 50.4	9/1/2015 12:01 66.7	14/1/2015 18:31 65.2	20/1/2015 13:01 66.0	26/1/2015 7:31 27.4
29/12/2014 12:01 66.7	3/1/2015 18:01 65.9	9/1/2015 12:31 43.8	15/1/2015 7:01 65.4	20/1/2015 13:31 68.5	26/1/2015 8:01 65.0
29/12/2014 12:31 58.1	3/1/2015 18:31 65.1	9/1/2015 13:01 65.8	15/1/2015 7:31 56.8	20/1/2015 14:01 66.9	26/1/2015 8:31 68.4
29/12/2014 13:01 60.6	5/1/2015 7:01 63.8	9/1/2015 13:31 65.4	15/1/2015 8:01 63.0	20/1/2015 14:31 68.5	26/1/2015 9:01 68.7
29/12/2014 13:31 64.4	5/1/2015 7:31 65.9	9/1/2015 14:01 68.8	15/1/2015 8:31 66.6	20/1/2015 15:01 66.1	26/1/2015 9:31 71.4
29/12/2014 14:01 64.2	5/1/2015 8:01 63.3	9/1/2015 14:31 66.3	15/1/2015 9:01 67.8	20/1/2015 15:31 64.7	26/1/2015 10:01 74.1
29/12/2014 14:31 60.1	5/1/2015 8:31 67.4	9/1/2015 15:01 67.3	15/1/2015 9:31 69.3	20/1/2015 16:01 65.5	26/1/2015 10:31 68.8
29/12/2014 15:01 63.5	5/1/2015 9:01 62.4	9/1/2015 15:31 68.1	15/1/2015 10:01 71.7	20/1/2015 16:31 67.0	26/1/2015 11:01 68.8
29/12/2014 15:31 62.9	5/1/2015 9:31 62.6	9/1/2015 16:01 67.3	15/1/2015 10:31 66.3	20/1/2015 17:01 68.2	26/1/2015 11:31 67.1
29/12/2014 16:01 63.1	5/1/2015 10:01 62.9	9/1/2015 16:31 67.4	15/1/2015 11:01 66.9	20/1/2015 17:31 69.2	26/1/2015 12:01 66.8
29/12/2014 16:31 66.1	5/1/2015 10:31 65.6	9/1/2015 17:01 69.6	15/1/2015 11:31 65.2	20/1/2015 18:01 66.6	26/1/2015 12:31 66.7
29/12/2014 17:01 65.4	5/1/2015 11:01 63.8	9/1/2015 17:31 68.5	15/1/2015 12:01 63.4	20/1/2015 18:31 65.9	26/1/2015 13:01 69.0
29/12/2014 17:31 58.2	5/1/2015 11:31 57.0	9/1/2015 18:01 66.4	15/1/2015 12:31 65.6	21/1/2015 7:01 64.6	26/1/2015 13:31 73.2
29/12/2014 18:01 66.9	5/1/2015 12:01 65.5	9/1/2015 18:31 65.9	15/1/2015 13:01 68.3	21/1/2015 7:31 60.8	26/1/2015 14:01 70.1
29/12/2014 18:31 65.6	5/1/2015 12:31 66.1	10/1/2015 7:01 63.6	15/1/2015 13:31 69.8	21/1/2015 8:01 64.6	26/1/2015 14:31 71.0
30/12/2014 7:01 65.2	5/1/2015 13:01 61.8	10/1/2015 7:31 66.4	15/1/2015 14:01 69.0	21/1/2015 8:31 68.3	26/1/2015 15:01 69.2
30/12/2014 7:31 66.1	5/1/2015 13:31 65.0	10/1/2015 8:01 66.3	15/1/2015 14:31 69.3	21/1/2015 9:01 70.8	26/1/2015 15:31 69.2
30/12/2014 8:01 64.8	5/1/2015 14:01 63.4	10/1/2015 8:31 66.4	15/1/2015 15:01 71.6	21/1/2015 9:31 69.5	26/1/2015 16:01 68.0
30/12/2014 8:31 65.7	5/1/2015 14:31 64.4	10/1/2015 9:01 68.1	15/1/2015 15:31 73.3	21/1/2015 10:01 69.5	26/1/2015 16:31 68.1
30/12/2014 9:01 63.8	5/1/2015 15:01 65.6	10/1/2015 9:31 68.0	15/1/2015 16:01 71.6	21/1/2015 10:31 69.6	26/1/2015 17:01 69.8
30/12/2014 9:31 67.2	5/1/2015 15:31 66.0	10/1/2015 10:01 67.1	15/1/2015 16:31 71.9	21/1/2015 11:01 68.4	26/1/2015 17:31 68.0
30/12/2014 10:01 65.6	5/1/2015 16:01 64.6	10/1/2015 10:31 65.3	15/1/2015 17:01 70.6	21/1/2015 11:31 61.2	26/1/2015 18:01 67.0
30/12/2014 10:31 64.8	5/1/2015 16:31 63.6	10/1/2015 11:01 65.9	15/1/2015 17:31 72.9	21/1/2015 12:01 45.5	26/1/2015 18:31 65.8
30/12/2014 11:01 66.4	5/1/2015 17:01 65.1	10/1/2015 11:31 77.0	15/1/2015 18:01 57.5	21/1/2015 12:31 58.4	27/1/2015 7:01 64.2
30/12/2014 11:31 58.8	5/1/2015 17:31 60.6	10/1/2015 12:01 66.9	15/1/2015 18:31 65.4	21/1/2015 13:01 67.7	27/1/2015 7:31 63.8
30/12/2014 12:01 66.2	5/1/2015 18:01 66.9	10/1/2015 12:31 66.7	16/1/2015 7:01 64.7	21/1/2015 13:31 70.1	27/1/2015 8:01 66.4
30/12/2014 12:31 65.7	5/1/2015 18:31 65.5	10/1/2015 13:01 65.9	16/1/2015 7:31 60.7	21/1/2015 14:01 69.2	27/1/2015 8:31 68.7
30/12/2014 13:01 64.3	6/1/2015 7:01 64.2	10/1/2015 13:31 67.7	16/1/2015 8:01 67.4	21/1/2015 14:31 68.2	27/1/2015 9:01 68.9
30/12/2014 13:31 66.1	6/1/2015 7:31 65.6	10/1/2015 14:01 65.0	16/1/2015 8:31 71.5	21/1/2015 15:01 68.5	27/1/2015 9:31 70.2
30/12/2014 14:01 65.3	6/1/2015 8:01 56.4	10/1/2015 14:31 65.5	16/1/2015 9:01 72.6	21/1/2015 15:31 68.2	27/1/2015 10:01 72.3
30/12/2014 14:31 69.0	6/1/2015 8:31 63.5	10/1/2015 15:01 67.8	16/1/2015 9:31 73.8	21/1/2015 16:01 69.8	27/1/2015 10:31 69.4
30/12/2014 15:01 66.9	6/1/2015 9:01 65.6	10/1/2015 15:31 64.8	16/1/2015 10:01 72.3	21/1/2015 16:31 69.1	27/1/2015 11:01 67.9
30/12/2014 15:31 62.9	6/1/2015 9:31 63.1	10/1/2015 16:01 62.6	16/1/2015 10:31 70.2	21/1/2015 17:01 64.6	27/1/2015 11:31 65.1
30/12/2014 16:01 66.8	6/1/2015 10:01 63.8	10/1/2015 16:31 65.2	16/1/2015 11:01 69.9	21/1/2015 17:31 65.3	27/1/2015 12:01 62.8
30/12/2014 16:31 60.8	6/1/2015 10:31 62.9	10/1/2015 17:01 65.1	16/1/2015 11:31 70.0	21/1/2015 18:01 66.1	27/1/2015 12:31 62.1
30/12/2014 17:01 62.4	6/1/2015 11:01 62.4	10/1/2015 17:31 63.9	16/1/2015 12:01 67.1	21/1/2015 18:31 65.5	27/1/2015 13:01 69.5
30/12/2014 17:31 62.1	6/1/2015 11:31 66.4	10/1/2015 18:01 66.2	16/1/2015 12:31 69.5	22/1/2015 7:01 64.2	27/1/2015 13:31 70.7
30/12/2014 18:01 67.1	6/1/2015 12:01 64.9	10/1/2015 18:31 65.2	16/1/2015 13:01 73.9	22/1/2015 7:31 60.4	27/1/2015 14:01 69.7
30/12/2014 18:31 66.5	6/1/2015 12:31 65.6	12/1/2015 7:01 63.3	16/1/2015 13:31 73.2	22/1/2015 8:01 63.1	27/1/2015 14:31 71.7
31/12/2014 7:01 66.3	6/1/2015 13:01 46.6	12/1/2015 7:31 65.2	16/1/2015 14:01 70.5	22/1/2015 8:31 65.8	27/1/2015 15:01 71.0
31/12/2014 7:31 48.6	6/1/2015 13:31 67.2	12/1/2015 8:01 66.9	16/1/2015 14:31 73.8	22/1/2015 9:01 67.3	27/1/2015 15:31 70.6
31/12/2014 8:01 62.2	6/1/2015 14:01 66.1	12/1/2015 8:31 65.8	16/1/2015 15:01 71.1	22/1/2015 9:31 66.9	27/1/2015 16:01 70.3
31/12/2014 8:31 66.0	6/1/2015 14:31 64.7	12/1/2015 9:01 64.2	16/1/2015 15:31 74.5	22/1/2015 10:01 66.0	27/1/2015 16:31 69.5
31/12/2014 9:01 65.5	6/1/2015 15:01 65.6	12/1/2015 9:31 65.7	16/1/2015 16:01 74.8	22/1/2015 10:31 66.1	27/1/2015 17:01 69.9
31/12/2014 9:31 66.3	6/1/2015 15:31 65.7	12/1/2015 10:01 66.6	16/1/2015 16:31 73.6	22/1/2015 11:01 68.3	27/1/2015 17:31 68.7
31/12/2014 10:01 65.4	6/1/2015 16:01 63.6	12/1/2015 10:31 65.7	16/1/2015 17:01 71.0	22/1/2015 11:31 60.4	27/1/2015 18:01 55.4
31/12/2014 10:31 66.2	6/1/2015 16:31 67.3	12/1/2015 11:01 64.7	16/1/2015 17:31 69.1	22/1/2015 12:01 66.8	27/1/2015 18:31 65.8
31/12/2014 11:01 63.1	6/1/2015 17:01 60.8	12/1/2015 11:31 57.1	16/1/2015 18:01 66.6	22/1/2015 12:31 53.7	
31/12/2014 11:31 57.0	6/1/2015 17:31 65.0	12/1/2015 12:01 66.1	16/1/2015 18:31 65.3	22/1/2015 13:01 64.0	
31/12/2014 12:01 67.1	6/1/2015 18:01 67.0	12/1/2015 12:31 66.9	17/1/2015 7:01 64.4	22/1/2015 13:31 66.4	
31/12/2014 12:31 54.7	6/1/2015 18:31 65.7	12/1/2015 13:01 66.4	17/1/2015 7:31 55.6	22/1/2015 14:01 63.8	
31/12/2014 13:01 64.8	7/1/2015 7:01 63.4	12/1/2015 13:31 66.3	17/1/2015 8:01 65.1	22/1/2015 14:31 64.9	
31/12/2014 13:31 64.4	7/1/2015 7:31 66.1	12/1/2015 14:01 64.7	17/1/2015 8:31 69.5	22/1/2015 15:01 65.8	28/12/2014 7:01 64.5
31/12/2014 14:01 64.0	7/1/2015 8:01 60.2	12/1/2015 14:31 67.7	17/1/2015 9:01 72.9	22/1/2015 15:31 63.6	28/12/2014 7:06 64.9
31/12/2014 14:31 67.2	7/1/2015 8:31 65.3	12/1/2015 15:01 69.6	17/1/2015 9:31 72.1	22/1/2015 16:01 69.4	28/12/2014 7:11 64.2
31/12/2014 15:01 61.8	7/1/2015 9:01 70.2	12/1/2015 15:31 62.6	17/1/2015 10:01 72.1	22/1/2015 16:31 70.4	28/12/2014 7:16 63.3
31/12/2014 15:31 62.3	7/1/2015 9:31 66.3	12/1/2015 16:01 64.5	17/1/2015 10:31 72.5	22/1/2015 17:01 70.6	28/12/2014 7:21 63.7
31/12/2014 16:01 59.9	7/1/2015 10:01 69.1	12/1/2015 16:31 65.1	17/1/2015 11:01 70.0	22/1/2015 17:31 69.5	28/12/2014 7:26 63.9
31/12/2014 16:31 64.0	7/1/2015 10:31 68.0	12/1/2015 17:01 66.9	17/1/2015 11:31 65.6	22/1/2015 18:01 67.3	28/12/2014 7:31 63.2
31/12/2014 17:01 64.3	7/1/2015 11:01 66.3	12/1/2015 17:31 63.8	17/1/2015 12:01 66.7	22/1/2015 18:31 66.2	28/12/2014 7:36 61.2
31/12/2014 17:31 67.0	7/1/2015 11:31 63.2	12/1/2015 18:01 56.1	17/1/2015 12:31 57.6	23/1/2015 7:01 64.2	28/12/2014 7:41 61.2
31/12/2014 18:01 65.7	7/1/2015 12:01 54.2	12/1/2015 18:31 67.0	17/1/2015 13:01 72.1	23/1/2015 7:31 67.8	28/12/2014 7:46 61.4
31/12/2014 18:31 65.3	7/1/2015 12:31 57.5	13/1/2015 7:01 65.4	17/1/2015 13:31 65.5	23/1/2015 8:01 69.3	28/12/2014 7:51 62.2
2/1/2015 7:01 64.4	7/1/2015 13:01 67.9	13/1/2015 7:31 61.6	17/1/2015 14:01 69.0	23/1/2015 8:31 70.8	28/12/2014 7:56 61.8
2/1/2015 7:31 65.5	7/1/2015 13:31 67.1	13/1/2015 8:01 63.7	17/1/2015 14:31 66.9	23/1/2015 9:01 70.5	28/12/2014 8:01 61.7
2/1/2015 8:01 50.1	7/1/2015 14:01 69.2	13/1/2015 8:31 66.4	17/1/2015 15:01 69.2	23/1/2015 9:31 66.4	28/12/2014 8:06 61.7
2/1/2015 8:31 63.8	7/1/2015 14:31 66.0	13/1/2015 9:01 68.5	17/1/2015 15:31 69.3	23/1/2015 10:01 66.0	28/12/2014 8:11 62.3
2/1					

Real-time Noise Data	RTN2a (Hong Kong Electric Centre)							
28/12/2014 10:56 65.8	28/12/2014 20:01 65.4	30/12/2014 21:06 63.6	1/1/2015 10:11	60.4	1/1/2015 19:16	60.5	3/1/2015 20:21	60.1
28/12/2014 11:01 64.8	28/12/2014 20:06 65.8	30/12/2014 21:11 63.2	1/1/2015 10:16	58.7	1/1/2015 19:21	62.5	3/1/2015 20:26	64.7
28/12/2014 11:06 65.3	28/12/2014 20:11 65.3	30/12/2014 21:16 63.7	1/1/2015 10:21	57.6	1/1/2015 19:26	61.1	3/1/2015 20:31	59.9
28/12/2014 11:11 65.0	28/12/2014 20:16 65.9	30/12/2014 21:21 63.6	1/1/2015 10:26	59.3	1/1/2015 19:31	61.2	3/1/2015 20:36	60.1
28/12/2014 11:16 65.4	28/12/2014 20:21 65.1	30/12/2014 21:26 63.7	1/1/2015 10:31	59.6	1/1/2015 19:36	58.9	3/1/2015 20:41	61.7
28/12/2014 11:21 65.1	28/12/2014 20:26 65.0	30/12/2014 21:31 64.2	1/1/2015 10:36	58.8	1/1/2015 19:41	60.9	3/1/2015 20:46	60.8
28/12/2014 11:26 65.2	28/12/2014 20:31 65.4	30/12/2014 21:36 64.0	1/1/2015 10:41	58.9	1/1/2015 19:46	60.0	3/1/2015 20:51	61.3
28/12/2014 11:31 65.3	28/12/2014 20:36 65.2	30/12/2014 21:41 64.5	1/1/2015 10:46	58.5	1/1/2015 19:51	60.8	3/1/2015 20:56	60.1
28/12/2014 11:36 65.3	28/12/2014 20:41 65.6	30/12/2014 21:46 63.7	1/1/2015 10:51	62.2	1/1/2015 19:56	59.9	3/1/2015 21:01	60.5
28/12/2014 11:41 65.8	28/12/2014 20:46 65.4	30/12/2014 21:51 64.3	1/1/2015 10:56	60.4	1/1/2015 20:01	60.7	3/1/2015 21:06	59.2
28/12/2014 11:46 65.4	28/12/2014 20:51 65.6	30/12/2014 21:56 64.0	1/1/2015 11:01	61.0	1/1/2015 20:06	59.8	3/1/2015 21:11	61.6
28/12/2014 11:51 64.4	28/12/2014 20:56 65.0	30/12/2014 22:01 63.8	1/1/2015 11:06	60.1	1/1/2015 20:11	59.9	3/1/2015 21:16	59.9
28/12/2014 11:56 64.9	28/12/2014 21:01 65.7	30/12/2014 22:06 64.1	1/1/2015 11:11	59.2	1/1/2015 20:16	58.7	3/1/2015 21:21	60.2
28/12/2014 12:01 65.0	28/12/2014 21:06 65.6	30/12/2014 22:11 63.9	1/1/2015 11:16	61.3	1/1/2015 20:21	60.3	3/1/2015 21:26	61.4
28/12/2014 12:06 64.4	28/12/2014 21:11 65.5	30/12/2014 22:16 63.9	1/1/2015 11:21	60.5	1/1/2015 20:26	58.3	3/1/2015 21:31	60.7
28/12/2014 12:11 64.9	28/12/2014 21:16 65.9	30/12/2014 22:21 64.0	1/1/2015 11:26	62.9	1/1/2015 20:31	59.7	3/1/2015 21:36	61.2
28/12/2014 12:16 64.9	28/12/2014 21:21 65.5	30/12/2014 22:26 63.7	1/1/2015 11:31	59.1	1/1/2015 20:36	58.4	3/1/2015 21:41	60.4
28/12/2014 12:21 65.2	28/12/2014 21:26 65.6	30/12/2014 22:31 64.5	1/1/2015 11:36	60.9	1/1/2015 20:41	60.9	3/1/2015 21:46	59.2
28/12/2014 12:26 66.2	28/12/2014 21:31 65.6	30/12/2014 22:36 63.7	1/1/2015 11:41	61.1	1/1/2015 20:46	61.7	3/1/2015 21:51	60.2
28/12/2014 12:31 65.0	28/12/2014 21:36 65.5	30/12/2014 22:41 64.9	1/1/2015 11:46	63.4	1/1/2015 20:51	59.7	3/1/2015 21:56	61.9
28/12/2014 12:36 66.2	28/12/2014 21:41 65.8	30/12/2014 22:46 63.6	1/1/2015 11:51	59.1	1/1/2015 20:56	59.5	3/1/2015 22:01	63.0
28/12/2014 12:41 66.8	28/12/2014 21:46 65.4	30/12/2014 22:51 63.2	1/1/2015 11:56	59.6	1/1/2015 21:01	60.0	3/1/2015 22:06	61.9
28/12/2014 12:46 66.7	28/12/2014 21:51 65.3	30/12/2014 22:56 63.7	1/1/2015 12:01	60.3	1/1/2015 21:06	60.7	3/1/2015 22:11	64.2
28/12/2014 12:51 66.9	28/12/2014 21:56 65.1	31/12/2014 19:01 63.1	1/1/2015 12:06	61.0	1/1/2015 21:11	59.9	3/1/2015 22:16	61.1
28/12/2014 12:56 67.2	28/12/2014 22:01 65.0	31/12/2014 19:06 61.8	1/1/2015 12:11	60.7	1/1/2015 21:16	61.6	3/1/2015 22:21	60.6
28/12/2014 13:01 67.9	28/12/2014 22:06 65.2	31/12/2014 19:11 61.9	1/1/2015 12:16	60.6	1/1/2015 21:21	60.5	3/1/2015 22:26	60.3
28/12/2014 13:06 66.8	28/12/2014 22:11 65.2	31/12/2014 19:16 60.9	1/1/2015 12:21	59.9	1/1/2015 21:26	60.6	3/1/2015 22:31	60.4
28/12/2014 13:11 66.7	28/12/2014 22:16 65.5	31/12/2014 19:21 62.2	1/1/2015 12:26	60.0	1/1/2015 21:31	61.2	3/1/2015 22:36	60.8
28/12/2014 13:16 67.1	28/12/2014 22:21 65.1	31/12/2014 19:26 61.6	1/1/2015 12:31	59.1	1/1/2015 21:36	61.4	3/1/2015 22:41	62.0
28/12/2014 13:21 66.6	28/12/2014 22:26 65.0	31/12/2014 19:31 61.4	1/1/2015 12:36	59.5	1/1/2015 21:41	59.7	3/1/2015 22:46	60.7
28/12/2014 13:26 67.2	28/12/2014 22:31 65.1	31/12/2014 19:36 61.1	1/1/2015 12:41	60.7	1/1/2015 21:46	60.9	3/1/2015 22:51	62.4
28/12/2014 13:31 68.0	28/12/2014 22:36 66.1	31/12/2014 19:41 60.5	1/1/2015 12:46	60.2	1/1/2015 21:51	60.6	3/1/2015 22:56	60.2
28/12/2014 13:36 67.6	28/12/2014 22:41 64.9	31/12/2014 19:46 61.7	1/1/2015 12:51	60.3	1/1/2015 21:56	59.2	4/1/2015 7:01	61.5
28/12/2014 13:41 66.5	28/12/2014 22:46 64.5	31/12/2014 19:51 60.5	1/1/2015 12:56	60.9	1/1/2015 22:01	60.2	4/1/2015 7:06	57.9
28/12/2014 13:46 67.0	28/12/2014 22:51 64.7	31/12/2014 19:56 61.0	1/1/2015 13:01	61.6	1/1/2015 22:06	62.2	4/1/2015 7:11	45.1
28/12/2014 13:51 66.8	28/12/2014 22:56 64.5	31/12/2014 20:01 60.9	1/1/2015 13:06	61.7	1/1/2015 22:11	60.2	4/1/2015 7:16	61.3
28/12/2014 13:56 66.8	29/12/2014 19:01 64.4	31/12/2014 20:06 61.6	1/1/2015 13:11	60.2	1/1/2015 22:16	60.7	4/1/2015 7:21	61.3
28/12/2014 14:01 66.6	29/12/2014 19:06 66.4	31/12/2014 20:11 61.7	1/1/2015 13:16	62.0	1/1/2015 22:21	59.7	4/1/2015 7:26	56.9
28/12/2014 14:06 66.0	29/12/2014 19:11 64.4	31/12/2014 20:16 59.4	1/1/2015 13:21	61.4	1/1/2015 22:26	59.9	4/1/2015 7:31	61.9
28/12/2014 14:11 65.8	29/12/2014 19:16 64.6	31/12/2014 20:21 61.1	1/1/2015 13:26	60.6	1/1/2015 22:31	60.9	4/1/2015 7:36	62.4
28/12/2014 14:16 65.8	29/12/2014 19:21 63.6	31/12/2014 20:26 59.1	1/1/2015 13:31	63.3	1/1/2015 22:36	61.7	4/1/2015 7:41	54.5
28/12/2014 14:21 66.9	29/12/2014 19:26 63.7	31/12/2014 20:31 60.6	1/1/2015 13:36	61.0	1/1/2015 22:41	60.7	4/1/2015 7:46	54.3
28/12/2014 14:26 66.2	29/12/2014 19:31 64.1	31/12/2014 20:36 59.7	1/1/2015 13:41	61.4	1/1/2015 22:46	60.0	4/1/2015 7:51	38.5
28/12/2014 14:31 66.1	29/12/2014 19:36 64.2	31/12/2014 20:41 60.7	1/1/2015 13:46	60.6	1/1/2015 22:51	59.5	4/1/2015 7:56	59.9
28/12/2014 14:36 66.1	29/12/2014 19:41 64.3	31/12/2014 20:46 60.8	1/1/2015 13:51	60.2	1/1/2015 22:56	60.5	4/1/2015 8:01	57.3
28/12/2014 14:41 66.3	29/12/2014 19:46 64.6	31/12/2014 20:51 59.4	1/1/2015 13:56	60.7	2/1/2015 19:01	62.9	4/1/2015 8:06	56.6
28/12/2014 14:46 66.3	29/12/2014 19:51 63.3	31/12/2014 20:56 60.8	1/1/2015 14:01	62.7	2/1/2015 19:06	63.4	4/1/2015 8:11	54.3
28/12/2014 14:51 66.6	29/12/2014 19:56 63.3	31/12/2014 21:01 59.6	1/1/2015 14:06	61.6	2/1/2015 19:11	62.8	4/1/2015 8:16	60.1
28/12/2014 14:56 66.1	29/12/2014 20:01 62.9	31/12/2014 21:06 58.7	1/1/2015 14:11	61.6	2/1/2015 19:16	62.2	4/1/2015 8:21	58.7
28/12/2014 15:01 66.4	29/12/2014 20:06 63.6	31/12/2014 21:11 58.7	1/1/2015 14:16	61.2	2/1/2015 19:21	62.3	4/1/2015 8:26	58.5
28/12/2014 15:06 66.2	29/12/2014 20:11 62.0	31/12/2014 21:16 59.6	1/1/2015 14:21	60.9	2/1/2015 19:26	62.4	4/1/2015 8:31	58.9
28/12/2014 15:11 66.7	29/12/2014 20:16 62.5	31/12/2014 21:21 59.8	1/1/2015 14:26	61.1	2/1/2015 19:31	62.4	4/1/2015 8:36	58.0
28/12/2014 15:16 66.5	29/12/2014 20:21 62.7	31/12/2014 21:26 59.5	1/1/2015 14:31	60.9	2/1/2015 19:36	63.4	4/1/2015 8:41	59.0
28/12/2014 15:21 66.4	29/12/2014 20:26 62.9	31/12/2014 21:31 58.6	1/1/2015 14:36	61.4	2/1/2015 19:41	62.8	4/1/2015 8:46	61.5
28/12/2014 15:26 66.7	29/12/2014 20:31 63.6	31/12/2014 21:36 60.0	1/1/2015 14:41	61.3	2/1/2015 19:46	62.2	4/1/2015 8:51	59.1
28/12/2014 15:31 65.6	29/12/2014 20:36 63.9	31/12/2014 21:41 59.5	1/1/2015 14:46	61.9	2/1/2015 19:51	63.1	4/1/2015 8:56	58.8
28/12/2014 15:36 65.4	29/12/2014 20:41 63.1	31/12/2014 21:46 59.8	1/1/2015 14:51	61.3	2/1/2015 19:56	62.2	4/1/2015 9:01	60.3
28/12/2014 15:41 65.6	29/12/2014 20:46 63.8	31/12/2014 21:51 60.9	1/1/2015 14:56	62.0	2/1/2015 20:01	61.4	4/1/2015 9:06	59.7
28/12/2014 15:46 66.2	29/12/2014 20:51 63.9	31/12/2014 21:56 60.4	1/1/2015 15:01	63.3	2/1/2015 20:06	60.9	4/1/2015 9:11	60.5
28/12/2014 15:51 65.9	29/12/2014 20:56 63.4	31/12/2014 22:01 65.0	1/1/2015 15:06	62.3	2/1/2015 20:11	61.7	4/1/2015 9:16	61.7
28/12/2014 15:56 66.4	29/12/2014 21:01 64.4	31/12/2014 22:06 60.1	1/1/2015 15:11	62.7	2/1/2015 20:16	62.0	4/1/2015 9:21	60.6
28/12/2014 16:01 66.1	29/12/2014 21:06 62.9	31/12/2014 22:11 59.6	1/1/2015 15:16	69.2	2/1/2015 20:21	61.6	4/1/2015 9:26	61.4
28/12/2014 16:06 65.9	29/12/2014 21:11 64.1	31/12/2014 22:16 60.9	1/1/2015 15:21	62.2	2/1/2015 20:26	61.9	4/1/2015 9:31	63.0
28/12/2014 16:11 66.2	29/12/2014 21:16 63.9	31/12/2014 22:21 60.1	1/1/2015 15:26	61.8	2/1/2015 20:31	61.7	4/1/2015 9:36	60.4
28/12/2014 16:16 66.1	29/12/2014 21:21 65.5	31/12/2014 22:26 60.5	1/1/2015 15:31	61.4	2/1/2015 20:36	61.9	4/1/2015 9:41	61.8
28/12/2014 16:21 66.3	29/12/2014 21:26 63.0	31/12/2014 22:31 60.2	1/1/2015 15:36	61.8	2/1/2015 20:41	61.1	4/1/2015 9:46	60.7
28/12/2014 16:26 65.6	29/12/2014 21:31 63.1	31/12/2014 22:36 62.5	1/1/2015 15:41	61.3	2/1/2015 20:46	59.9	4/1/2015 9:51	61.6
28/12/2014 16:31 65.9	29/12/2014 21:36 63.8	31/12/2014 22:41 62.5	1/1/2015 15:46	61.7	2/1/2015 20:51	60.8	4/1/2015 9:56	60.6
28/12/2014 16:36 65.8	29/12/2014 21:41 62.9	31/12/2014 22:46 61.5	1/1/2015 15:51	61.9	2/1/2015 20:56	59.8	4/1/2015 10:01	61.0
28/12/2014 16:41 66.1	29/12/2014 21:46 63.3	31/12/2014 22:51 62.3	1/1/2015 15:56	60.7	2/1/2015 21:01	61.4	4/1/2015 10:06	61.1
28/12/2014 16:46 66.1	29/12/2014 21:51 63.3	31/12/2014 22:56 59.8	1/1/2015 16:01	61.0	2/1/2015 21:06	60.1	4/1/2015 10:11	61.1
28/12/2014 16:51 66.2	29/12/2014 21:56 63.4	1/1/2015 7:01	1/1/2015 16:06	62.1	2/1/2015 21:11	60.3	4/1/2015 10:16	59.1
28/12/2014 16:56 65.8	29/12/2014 22:01 63.2	1/1/2015 7:06	1/1/2015 16:11	61.1	2/1/2015 21:16	61.4	4/1/2015 10:21	60.7
28/12/2014 17:01 66.2	29/12/2014 22:06 64.1	1/1/2015 7:11	1/1/2015 16:16	62.0	2/1/2015 21:21	60.1	4/1/2015 10:2	

Real-time Noise Data		RTN2a (Hong Kong Electric Centre)									
4/1/2015 13:26	60.5	4/1/2015 22:31	59.4	7/1/2015 19:36	62.0	9/1/2015 20:41	64.6	11/1/2015 9:46	61.8	11/1/2015 18:51	61.6
4/1/2015 13:31	60.5	4/1/2015 22:36	59.0	7/1/2015 19:41	62.2	9/1/2015 20:46	61.5	11/1/2015 9:51	60.8	11/1/2015 18:56	61.9
4/1/2015 13:36	61.1	4/1/2015 22:41	60.8	7/1/2015 19:46	63.5	9/1/2015 20:51	61.1	11/1/2015 9:56	62.7	11/1/2015 19:01	60.7
4/1/2015 13:41	61.6	4/1/2015 22:46	60.0	7/1/2015 19:51	62.3	9/1/2015 20:56	61.0	11/1/2015 10:01	61.1	11/1/2015 19:06	61.8
4/1/2015 13:46	64.4	4/1/2015 22:51	59.9	7/1/2015 19:56	62.8	9/1/2015 21:01	60.4	11/1/2015 10:06	60.9	11/1/2015 19:11	60.9
4/1/2015 13:51	60.0	4/1/2015 22:56	59.6	7/1/2015 20:01	61.4	9/1/2015 21:06	60.5	11/1/2015 10:11	62.1	11/1/2015 19:16	62.1
4/1/2015 13:56	60.4	5/1/2015 19:01	62.4	7/1/2015 20:06	62.6	9/1/2015 21:11	61.0	11/1/2015 10:16	61.6	11/1/2015 19:21	61.4
4/1/2015 14:01	60.9	5/1/2015 19:06	61.7	7/1/2015 20:11	62.6	9/1/2015 21:16	61.0	11/1/2015 10:21	63.5	11/1/2015 19:26	61.6
4/1/2015 14:06	61.4	5/1/2015 19:11	62.4	7/1/2015 20:16	63.8	9/1/2015 21:21	61.5	11/1/2015 10:26	60.7	11/1/2015 19:31	60.6
4/1/2015 14:11	60.9	5/1/2015 19:16	61.0	7/1/2015 20:21	61.9	9/1/2015 21:26	61.6	11/1/2015 10:31	60.8	11/1/2015 19:36	61.0
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4/1/2015 14:41	61.1	5/1/2015 19:46	62.4	7/1/2015 20:51	62.5	9/1/2015 21:56	61.4	11/1/2015 11:01	62.2	11/1/2015 20:06	59.5
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4/1/2015 14:51	62.0	5/1/2015 19:56	61.1	7/1/2015 21:01	62.3	9/1/2015 22:06	61.3	11/1/2015 11:11	61.8	11/1/2015 20:16	59.8
4/1/2015 14:56	61.9	5/1/2015 20:01	61.9	7/1/2015 21:06	62.1	9/1/2015 22:11	60.9	11/1/2015 11:16	60.8	11/1/2015 20:21	60.9
4/1/2015 15:01	61.3	5/1/2015 20:06	63.3	7/1/2015 21:11	62.8	9/1/2015 22:16	61.6	11/1/2015 11:21	63.1	11/1/2015 20:26	59.4
4/1/2015 15:06	61.2	5/1/2015 20:11	62.2	7/1/2015 21:16	61.7	9/1/2015 22:21	60.1	11/1/2015 11:26	61.7	11/1/2015 20:31	60.5
4/1/2015 15:11	62.4	5/1/2015 20:16	61.8	7/1/2015 21:21	60.0	9/1/2015 22:26	60.2	11/1/2015 11:31	61.5	11/1/2015 20:36	59.7
4/1/2015 15:16	62.5	5/1/2015 20:21	61.7	7/1/2015 21:26	60.1	9/1/2015 22:31	62.2	11/1/2015 11:36	61.4	11/1/2015 20:41	59.3
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4/1/2015 15:31	62.1	5/1/2015 20:36	60.5	7/1/2015 21:41	59.7	9/1/2015 22:46	62.8	11/1/2015 11:51	60.6	11/1/2015 20:56	61.5
4/1/2015 15:36	62.5	5/1/2015 20:41	62.8	7/1/2015 21:46	61.6	9/1/2015 22:51	61.5	11/1/2015 11:56	60.6	11/1/2015 21:01	59.5
4/1/2015 15:41	61.9	5/1/2015 20:46	62.6	7/1/2015 21:51	60.1	9/1/2015 22:56	61.4	11/1/2015 12:01	60.2	11/1/2015 21:06	59.1
4/1/2015 15:46	61.5	5/1/2015 20:51	60.4	7/1/2015 21:56	61.2	10/1/2015 19:01	61.8	11/1/2015 12:06	60.0	11/1/2015 21:11	59.9
4/1/2015 15:51	61.6	5/1/2015 20:56	60.2	7/1/2015 22:01	60.7	10/1/2015 19:06	61.4	11/1/2015 12:11	61.1	11/1/2015 21:16	59.4
4/1/2015 15:56	64.9	5/1/2015 21:01	60.7	7/1/2015 22:06	60.4	10/1/2015 19:11	61.7	11/1/2015 12:16	60.8	11/1/2015 21:21	61.1
4/1/2015 16:01	61.7	5/1/2015 21:06	60.2	7/1/2015 22:11	58.9	10/1/2015 19:16	60.4	11/1/2015 12:21	61.0	11/1/2015 21:26	60.9
4/1/2015 16:06	61.5	5/1/2015 21:11	60.2	7/1/2015 22:16	61.9	10/1/2015 19:21	63.5	11/1/2015 12:26	59.5	11/1/2015 21:31	60.7
4/1/2015 16:11	61.4	5/1/2015 21:16	59.7	7/1/2015 22:21	61.1	10/1/2015 19:26	62.6	11/1/2015 12:31	60.7	11/1/2015 21:36	60.1
4/1/2015 16:16	62.4	5/1/2015 21:21	61.7	7/1/2015 22:26	59.4	10/1/2015 19:31	65.0	11/1/2015 12:36	59.0	11/1/2015 21:41	61.0
4/1/2015 16:21	61.5	5/1/2015 21:26	61.1	7/1/2015 22:31	60.7	10/1/2015 19:36	62.1	11/1/2015 12:41	60.8	11/1/2015 21:46	60.8
4/1/2015 16:26	62.3	5/1/2015 21:31	61.2	7/1/2015 22:36	60.0	10/1/2015 19:41	61.7	11/1/2015 12:46	60.6	11/1/2015 21:51	61.1
4/1/2015 16:31	61.9	5/1/2015 21:36	61.1	7/1/2015 22:41	59.6	10/1/2015 19:46	62.1	11/1/2015 12:51	62.0	11/1/2015 21:56	59.9
4/1/2015 16:36	61.8	5/1/2015 21:41	60.0	7/1/2015 22:46	61.6	10/1/2015 19:51	63.4	11/1/2015 12:56	60.6	11/1/2015 22:01	59.7
4/1/2015 16:41	61.8	5/1/2015 21:46	60.1	7/1/2015 22:51	60.0	10/1/2015 19:56	61.1	11/1/2015 13:01	60.6	11/1/2015 22:06	60.4
4/1/2015 16:46	63.1	5/1/2015 21:51	59.6	7/1/2015 22:56	59.2	10/1/2015 20:01	61.1	11/1/2015 13:06	61.3	11/1/2015 22:11	60.2
4/1/2015 16:51	62.1	5/1/2015 21:56	60.4	8/1/2015 19:01	64.7	10/1/2015 20:06	61.0	11/1/2015 13:11	60.4	11/1/2015 22:16	60.9
4/1/2015 16:56	61.6	5/1/2015 22:01	61.6	8/1/2015 19:06	64.7	10/1/2015 20:11	62.2	11/1/2015 13:16	60.6	11/1/2015 22:21	59.5
4/1/2015 17:01	61.6	5/1/2015 22:06	61.2	8/1/2015 19:11	64.0	10/1/2015 20:16	60.9	11/1/2015 13:21	60.7	11/1/2015 22:26	59.7
4/1/2015 17:06	61.7	5/1/2015 22:11	60.1	8/1/2015 19:16	64.6	10/1/2015 20:21	62.8	11/1/2015 13:26	58.9	11/1/2015 22:31	59.4
4/1/2015 17:11	62.7	5/1/2015 22:16	59.6	8/1/2015 19:21	64.7	10/1/2015 20:26	61.4	11/1/2015 13:31	61.0	11/1/2015 22:36	59.4
4/1/2015 17:16	61.6	5/1/2015 22:21	60.3	8/1/2015 19:26	64.3	10/1/2015 20:31	61.3	11/1/2015 13:36	60.0	11/1/2015 22:41	58.5
4/1/2015 17:21	61.2	5/1/2015 22:26	60.0	8/1/2015 19:31	64.1	10/1/2015 20:36	61.5	11/1/2015 13:41	64.6	11/1/2015 22:46	58.3
4/1/2015 17:26	61.7	5/1/2015 22:31	62.3	8/1/2015 19:36	63.5	10/1/2015 20:41	60.3	11/1/2015 13:46	59.8	11/1/2015 22:51	58.9
4/1/2015 17:31	63.0	5/1/2015 22:36	59.9	8/1/2015 19:41	62.7	10/1/2015 20:46	59.8	11/1/2015 13:51	60.8	11/1/2015 22:56	57.1
4/1/2015 17:36	61.6	5/1/2015 22:41	59.5	8/1/2015 19:46	63.8	10/1/2015 20:51	60.7	11/1/2015 13:56	59.8	12/1/2015 19:01	65.5
4/1/2015 17:41	61.7	5/1/2015 22:46	59.4	8/1/2015 19:51	63.9	10/1/2015 20:56	60.2	11/1/2015 14:01	60.6	12/1/2015 19:06	65.4
4/1/2015 17:46	61.0	5/1/2015 22:51	59.6	8/1/2015 19:56	63.2	10/1/2015 21:01	61.1	11/1/2015 14:06	61.4	12/1/2015 19:11	65.6
4/1/2015 17:51	61.3	5/1/2015 22:56	60.5	8/1/2015 20:01	63.5	10/1/2015 21:06	62.8	11/1/2015 14:11	64.1	12/1/2015 19:16	65.3
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4/1/2015 18:01	62.2	6/1/2015 19:06	62.5	8/1/2015 20:11	63.0	10/1/2015 21:16	61.4	11/1/2015 14:21	62.3	12/1/2015 19:26	65.9
4/1/2015 18:06	62.1	6/1/2015 19:11	62.2	8/1/2015 20:16	63.5	10/1/2015 21:21	61.4	11/1/2015 14:26	62.0	12/1/2015 19:31	65.4
4/1/2015 18:11	61.6	6/1/2015 19:16	62.6	8/1/2015 20:21	63.8	10/1/2015 21:26	60.8	11/1/2015 14:31	63.1	12/1/2015 19:36	65.9
4/1/2015 18:16	62.0	6/1/2015 19:21	62.1	8/1/2015 20:26	63.1	10/1/2015 21:31	61.6	11/1/2015 14:36	61.6	12/1/2015 19:41	66.1
4/1/2015 18:21	62.1	6/1/2015 19:26	62.1	8/1/2015 20:31	62.0	10/1/2015 21:36	61.6	11/1/2015 14:41	63.1	12/1/2015 19:46	65.3
4/1/2015 18:26	61.4	6/1/2015 19:31	61.9	8/1/2015 20:36	62.2	10/1/2015 21:41	61.4	11/1/2015 14:46	61.2	12/1/2015 19:51	65.1
4/1/2015 18:31	62.8	6/1/2015 19:36	63.3	8/1/2015 20:41	61.5	10/1/2015 21:46	62.5	11/1/2015 14:51	61.6	12/1/2015 19:56	65.2
4/1/2015 18:36	61.8	6/1/2015 19:41	62.4	8/1/2015 20:46	62.4	10/1/2015 21:51	62.4	11/1/2015 14:56	66.9	12/1/2015 20:01	65.1
4/1/2015 18:41	60.4	6/1/2015 19:46	62.3	8/1/2015 20:51	62.0	10/1/2015 21:56	61.5	11/1/2015 15:01	61.4	12/1/2015 20:06	65.2
4/1/2015 18:46	60.9	6/1/2015 19:51	65.3	8/1/2015 20:56	61.3	10/1/2015 22:01	64.2	11/1/2015 15:06	62.1	12/1/2015 20:11	65.4
4/1/2015 18:51	62.0	6/1/2015 19:56	62.6	8/1/2015 21:01	61.8	10/1/2015 22:06	61.9	11/1/2015 15:11	61.5	12/1/2015 20:16	64.8
4/1/2015 18:56	61.9	6/1/2015 20:01	61.1	8/1/2015 21:06	61.6	10/1/2015 22:11	61.8	11/1/2015 15:16	63.8	12/1/2015 20:21	65.0
4/1/2015 19:01	61.1	6/1/2015 20:06	62.1	8/1/2015 21:11	61.7	10/1/2015 22:16	61.7	11/1/2015 15:21	63.4	12/1/2015 20:26	64.8
4/1/2015 19:06	60.7	6/1/2015 20:11	61.3	8/1/2015 21:16	64.0	10/1/2015 22:21	60.9	11/1/2015 15:26	62.9	12/1/2015 20:31	64.7
4/1/2015 19:11	60.6	6/1/2015 20:16	61.9	8/1/2015 21:21	62.8	10/1/2015 22:26	61.9	11/1/2015 15:31	62.1	12/1/2015	

Real-time Noise Data	RTN2a (Hong Kong Electric Centre)										
13/1/2015 19:56	64.3	15/1/2015 21:01	62.1	17/1/2015 22:06	60.8	18/1/2015 15:11	61.7	19/1/2015 20:16	63.1	21/1/2015 21:21	61.0
13/1/2015 20:01	64.6	15/1/2015 21:06	61.3	17/1/2015 22:11	61.1	18/1/2015 15:16	62.1	19/1/2015 20:21	62.7	21/1/2015 21:26	61.9
13/1/2015 20:06	64.0	15/1/2015 21:11	61.5	17/1/2015 22:16	60.9	18/1/2015 15:21	62.3	19/1/2015 20:26	62.0	21/1/2015 21:31	60.5
13/1/2015 20:11	63.4	15/1/2015 21:16	62.4	17/1/2015 22:21	62.2	18/1/2015 15:26	62.0	19/1/2015 20:31	64.1	21/1/2015 21:36	60.6
13/1/2015 20:16	64.6	15/1/2015 21:21	62.3	17/1/2015 22:26	61.5	18/1/2015 15:31	62.5	19/1/2015 20:36	64.8	21/1/2015 21:41	60.0
13/1/2015 20:21	64.1	15/1/2015 21:26	62.0	17/1/2015 22:31	62.2	18/1/2015 15:36	62.1	19/1/2015 20:41	63.2	21/1/2015 21:46	60.7
13/1/2015 20:26	64.0	15/1/2015 21:31	62.6	17/1/2015 22:36	62.6	18/1/2015 15:41	61.8	19/1/2015 20:46	61.0	21/1/2015 21:51	60.2
13/1/2015 20:31	64.0	15/1/2015 21:36	61.3	17/1/2015 22:41	61.2	18/1/2015 15:46	62.3	19/1/2015 20:51	61.4	21/1/2015 21:56	59.9
13/1/2015 20:36	63.3	15/1/2015 21:41	61.4	17/1/2015 22:46	61.8	18/1/2015 15:51	62.1	19/1/2015 20:56	60.8	21/1/2015 22:01	60.6
13/1/2015 20:41	63.8	15/1/2015 21:46	61.4	17/1/2015 22:51	60.2	18/1/2015 15:56	62.2	19/1/2015 21:01	61.5	21/1/2015 22:06	63.2
13/1/2015 20:46	63.9	15/1/2015 21:51	61.9	17/1/2015 22:56	61.1	18/1/2015 16:01	62.8	19/1/2015 21:06	61.6	21/1/2015 22:11	60.7
13/1/2015 20:51	63.6	15/1/2015 21:56	60.9	18/1/2015 7:01	50.6	18/1/2015 16:06	63.1	19/1/2015 21:11	59.8	21/1/2015 22:16	60.6
13/1/2015 20:56	63.1	15/1/2015 22:01	61.9	18/1/2015 7:06	49.6	18/1/2015 16:11	62.2	19/1/2015 21:16	60.8	21/1/2015 22:21	60.9
13/1/2015 21:01	62.6	15/1/2015 22:06	61.3	18/1/2015 7:11	50.7	18/1/2015 16:16	63.1	19/1/2015 21:21	61.4	21/1/2015 22:26	60.5
13/1/2015 21:06	62.9	15/1/2015 22:11	60.9	18/1/2015 7:16	42.5	18/1/2015 16:21	62.5	19/1/2015 21:26	60.7	21/1/2015 22:31	59.2
13/1/2015 21:11	62.7	15/1/2015 22:16	62.2	18/1/2015 7:21	54.6	18/1/2015 16:26	63.0	19/1/2015 21:31	59.7	21/1/2015 22:36	60.6
13/1/2015 21:16	63.2	15/1/2015 22:21	61.9	18/1/2015 7:26	55.0	18/1/2015 16:31	62.5	19/1/2015 21:36	60.4	21/1/2015 22:41	61.8
13/1/2015 21:21	63.0	15/1/2015 22:26	62.5	18/1/2015 7:31	65.1	18/1/2015 16:36	62.5	19/1/2015 21:41	59.8	21/1/2015 22:46	60.6
13/1/2015 21:26	62.8	15/1/2015 22:31	62.8	18/1/2015 7:36	54.8	18/1/2015 16:41	62.8	19/1/2015 21:46	60.2	21/1/2015 22:51	61.0
13/1/2015 21:31	63.3	15/1/2015 22:36	61.3	18/1/2015 7:41	55.6	18/1/2015 16:46	61.7	19/1/2015 21:51	61.2	21/1/2015 22:56	61.3
13/1/2015 21:36	63.2	15/1/2015 22:41	62.0	18/1/2015 7:46	55.0	18/1/2015 16:51	62.3	19/1/2015 21:56	61.2	22/1/2015 19:01	63.1
13/1/2015 21:41	62.7	15/1/2015 22:46	62.0	18/1/2015 7:51	55.9	18/1/2015 16:56	61.9	19/1/2015 22:01	59.1	22/1/2015 19:06	62.4
13/1/2015 21:46	62.2	15/1/2015 22:51	60.9	18/1/2015 7:56	58.2	18/1/2015 17:01	62.3	19/1/2015 22:06	61.4	22/1/2015 19:11	61.7
13/1/2015 21:51	62.9	15/1/2015 22:56	61.9	18/1/2015 8:01	58.5	18/1/2015 17:06	62.5	19/1/2015 22:11	60.9	22/1/2015 19:16	62.3
13/1/2015 21:56	62.2	16/1/2015 19:01	62.7	18/1/2015 8:06	57.1	18/1/2015 17:11	62.6	19/1/2015 22:16	60.9	22/1/2015 19:21	62.8
13/1/2015 22:01	63.8	16/1/2015 19:06	62.2	18/1/2015 8:11	59.5	18/1/2015 17:16	62.4	19/1/2015 22:21	60.8	22/1/2015 19:26	62.8
13/1/2015 22:06	62.8	16/1/2015 19:11	62.7	18/1/2015 8:16	60.3	18/1/2015 17:21	62.1	19/1/2015 22:26	60.9	22/1/2015 19:31	62.7
13/1/2015 22:11	63.0	16/1/2015 19:16	63.4	18/1/2015 8:21	57.2	18/1/2015 17:26	62.3	19/1/2015 22:31	60.4	22/1/2015 19:36	62.4
13/1/2015 22:16	62.6	16/1/2015 19:21	62.6	18/1/2015 8:26	63.9	18/1/2015 17:31	61.7	19/1/2015 22:36	60.0	22/1/2015 19:41	61.3
13/1/2015 22:21	62.6	16/1/2015 19:26	62.8	18/1/2015 8:31	58.4	18/1/2015 17:36	61.9	19/1/2015 22:41	59.2	22/1/2015 19:46	61.2
13/1/2015 22:26	63.1	16/1/2015 19:31	62.9	18/1/2015 8:36	60.0	18/1/2015 17:41	61.8	19/1/2015 22:46	58.9	22/1/2015 19:51	61.6
13/1/2015 22:31	63.6	16/1/2015 19:36	63.7	18/1/2015 8:41	60.1	18/1/2015 17:46	61.6	19/1/2015 22:51	60.1	22/1/2015 19:56	62.3
13/1/2015 22:36	63.4	16/1/2015 19:41	63.5	18/1/2015 8:46	59.6	18/1/2015 17:51	62.0	19/1/2015 22:56	60.2	22/1/2015 20:01	61.8
13/1/2015 22:41	62.9	16/1/2015 19:46	62.4	18/1/2015 8:51	59.5	18/1/2015 17:56	62.1	20/1/2015 19:01	62.9	22/1/2015 20:06	61.8
13/1/2015 22:46	62.9	16/1/2015 19:51	62.7	18/1/2015 8:56	60.5	18/1/2015 18:01	61.4	20/1/2015 19:06	63.1	22/1/2015 20:11	61.0
13/1/2015 22:51	62.5	16/1/2015 19:56	61.6	18/1/2015 9:01	58.1	18/1/2015 18:06	61.7	20/1/2015 19:11	62.8	22/1/2015 20:16	61.8
13/1/2015 22:56	62.6	16/1/2015 20:01	61.9	18/1/2015 9:06	58.0	18/1/2015 18:11	61.9	20/1/2015 19:16	62.6	22/1/2015 20:21	61.5
14/1/2015 19:01	62.3	16/1/2015 20:06	62.5	18/1/2015 9:11	61.3	18/1/2015 18:16	61.7	20/1/2015 19:21	62.6	22/1/2015 20:26	61.7
14/1/2015 19:06	62.1	16/1/2015 20:11	62.3	18/1/2015 9:16	60.7	18/1/2015 18:21	61.7	20/1/2015 19:26	65.6	22/1/2015 20:31	61.7
14/1/2015 19:11	65.8	16/1/2015 20:16	63.1	18/1/2015 9:21	60.2	18/1/2015 18:26	61.1	20/1/2015 19:31	63.1	22/1/2015 20:36	61.7
14/1/2015 19:16	63.1	16/1/2015 20:21	62.0	18/1/2015 9:26	61.1	18/1/2015 18:31	61.5	20/1/2015 19:36	64.0	22/1/2015 20:41	60.9
14/1/2015 19:21	63.4	16/1/2015 20:26	63.2	18/1/2015 9:31	60.1	18/1/2015 18:36	62.4	20/1/2015 19:41	63.4	22/1/2015 20:46	62.2
14/1/2015 19:26	63.5	16/1/2015 20:31	62.1	18/1/2015 9:36	59.0	18/1/2015 18:41	61.7	20/1/2015 19:46	62.2	22/1/2015 20:51	60.8
14/1/2015 19:31	64.0	16/1/2015 20:36	62.5	18/1/2015 9:41	59.6	18/1/2015 18:46	62.0	20/1/2015 19:51	63.5	22/1/2015 20:56	59.9
14/1/2015 19:36	63.8	16/1/2015 20:41	61.8	18/1/2015 9:46	61.7	18/1/2015 18:51	62.2	20/1/2015 19:56	61.5	22/1/2015 21:01	60.5
14/1/2015 19:41	63.4	16/1/2015 20:46	61.1	18/1/2015 9:51	59.9	18/1/2015 18:56	61.2	20/1/2015 20:01	65.1	22/1/2015 21:06	59.2
14/1/2015 19:46	62.9	16/1/2015 20:51	61.6	18/1/2015 9:56	58.8	18/1/2015 19:01	60.9	20/1/2015 20:06	61.4	22/1/2015 21:11	61.3
14/1/2015 19:51	63.3	16/1/2015 20:56	60.4	18/1/2015 10:01	59.1	18/1/2015 19:06	61.0	20/1/2015 20:11	62.3	22/1/2015 21:16	61.6
14/1/2015 19:56	62.7	16/1/2015 21:01	60.9	18/1/2015 10:06	59.5	18/1/2015 19:11	61.7	20/1/2015 20:16	62.3	22/1/2015 21:21	61.2
14/1/2015 20:01	63.2	16/1/2015 21:06	60.6	18/1/2015 10:11	57.1	18/1/2015 19:16	61.1	20/1/2015 20:21	62.2	22/1/2015 21:26	60.9
14/1/2015 20:06	63.3	16/1/2015 21:11	61.3	18/1/2015 10:16	60.8	18/1/2015 19:21	61.4	20/1/2015 20:26	63.9	22/1/2015 21:31	61.3
14/1/2015 20:11	63.0	16/1/2015 21:16	61.3	18/1/2015 10:21	58.7	18/1/2015 19:26	60.9	20/1/2015 20:31	63.5	22/1/2015 21:36	60.9
14/1/2015 20:16	62.7	16/1/2015 21:21	60.8	18/1/2015 10:26	60.4	18/1/2015 19:31	61.1	20/1/2015 20:36	61.4	22/1/2015 21:41	61.2
14/1/2015 20:21	62.2	16/1/2015 21:26	62.0	18/1/2015 10:31	59.7	18/1/2015 19:36	60.2	20/1/2015 20:41	60.9	22/1/2015 21:46	60.6
14/1/2015 20:26	61.5	16/1/2015 21:31	66.1	18/1/2015 10:36	58.9	18/1/2015 19:41	61.1	20/1/2015 20:46	61.4	22/1/2015 21:51	60.5
14/1/2015 20:31	61.8	16/1/2015 21:36	60.5	18/1/2015 10:41	59.3	18/1/2015 19:46	60.9	20/1/2015 20:51	61.9	22/1/2015 21:56	60.0
14/1/2015 20:36	61.4	16/1/2015 21:41	61.0	18/1/2015 10:46	60.2	18/1/2015 19:51	60.2	20/1/2015 20:56	62.5	22/1/2015 22:01	60.6
14/1/2015 20:41	62.2	16/1/2015 21:46	60.9	18/1/2015 10:51	59.2	18/1/2015 19:56	61.1	20/1/2015 21:01	62.0	22/1/2015 22:06	61.0
14/1/2015 20:46	62.3	16/1/2015 21:51	60.2	18/1/2015 10:56	60.3	18/1/2015 20:01	60.0	20/1/2015 21:06	61.3	22/1/2015 22:11	60.2
14/1/2015 20:51	63.9	16/1/2015 21:56	61.4	18/1/2015 11:01	59.9	18/1/2015 20:06	60.2	20/1/2015 21:11	60.6	22/1/2015 22:16	61.9
14/1/2015 20:56	62.7	16/1/2015 22:01	61.9	18/1/2015 11:06	59.8	18/1/2015 20:11	60.7	20/1/2015 21:16	60.5	22/1/2015 22:21	61.6
14/1/2015 21:01	62.4	16/1/2015 22:06	61.8	18/1/2015 11:11	59.7	18/1/2015 20:16	59.5	20/1/2015 21:21	60.8	22/1/2015 22:26	62.0
14/1/2015 21:06	61.1	16/1/2015 22:11	61.1	18/1/2015 11:16	59.6	18/1/2015 20:21	60.4	20/1/2015 21:26	61.1	22/1/2015 22:31	61.2
14/1/2015 21:11	61.9	16/1/2015 22:16	61.8	18/1/2015 11:21	59.7	18/1/2015 20:26	60.9	20/1/2015 21:31	61.1	22/1/2015 22:36	61.2
14/1/2015 21:16	61.4	16/1/2015 22:21	60.6	18/1/2015 11:26	60.0	18/1/2015 20:31	60.2	20/1/2015 21:36	62.1	22/1/2015 22:41	60.8
14/1/2015 21:21	62.1	16/1/2015 22:26	62.2	18/1/2015 11:31	61.1	18/1/2015 20:36	60.1	20/1/2015 21:41	61.1	22/1/2015 22:46	60.8
14/1/2015 21:26	61.0	16/1/2015 22:31	62.1	18/1/2015 11:36	59.9	18/1/2015 20:41	60.0	20/1/2015 21:46	60.5	22/1/2015 22:51	62.0
14/1/2015 21:31	61.1	16/1/2015 22:36	62.4	18/1/2015 11:41	59.2	18/1/2015 20:46	59.0	20/1/2015 21:51	60.2	22/1/2015 22:56	60.7
14/1/2015 21:36	61.7	16/1/2015 22:41	62.1	18/1/2015 11:46	59.6	18/1/2015 20:51	59.1	20/1/2015 21:56	6		

Real-time Noise Data		RTN2a (Hong Kong Electric Centre)							
23/1/2015 22:26	61.5	25/1/2015 11:31	59.5	25/1/2015 20:36	61.3	27/1/2015 21:41	62.6	28/12/2014 23:31	65.5
23/1/2015 22:31	61.8	25/1/2015 11:36	61.7	25/1/2015 20:41	62.0	27/1/2015 21:46	61.7	28/12/2014 23:36	65.4
23/1/2015 22:36	63.0	25/1/2015 11:41	62.2	25/1/2015 20:46	60.8	27/1/2015 21:51	60.8	28/12/2014 23:41	65.4
23/1/2015 22:41	61.0	25/1/2015 11:46	61.8	25/1/2015 20:51	60.9	27/1/2015 21:56	61.8	28/12/2014 23:46	65.5
23/1/2015 22:46	60.2	25/1/2015 11:51	60.5	25/1/2015 20:56	61.3	27/1/2015 22:01	61.1	28/12/2014 23:51	67.2
23/1/2015 22:51	60.2	25/1/2015 11:56	59.2	25/1/2015 21:01	61.2	27/1/2015 22:06	60.9	28/12/2014 23:56	65.2
23/1/2015 22:56	61.0	25/1/2015 12:01	57.7	25/1/2015 21:06	60.9	27/1/2015 22:11	62.6	29/12/2014 0:01	65.5
24/1/2015 19:01	61.4	25/1/2015 12:06	60.0	25/1/2015 21:11	60.8	27/1/2015 22:16	62.4	29/12/2014 0:06	65.1
24/1/2015 19:06	61.7	25/1/2015 12:11	60.6	25/1/2015 21:16	61.3	27/1/2015 22:21	60.8	29/12/2014 0:11	65.1
24/1/2015 19:11	62.3	25/1/2015 12:16	62.9	25/1/2015 21:21	60.2	27/1/2015 22:26	60.6	29/12/2014 0:16	65.3
24/1/2015 19:16	61.3	25/1/2015 12:21	61.2	25/1/2015 21:26	60.9	27/1/2015 22:31	60.7	29/12/2014 0:21	65.1
24/1/2015 19:21	61.2	25/1/2015 12:26	64.0	25/1/2015 21:31	61.4	27/1/2015 22:36	60.8	29/12/2014 0:26	65.8
24/1/2015 19:26	61.9	25/1/2015 12:31	61.4	25/1/2015 21:36	60.5	27/1/2015 22:41	60.7	29/12/2014 0:31	64.7
24/1/2015 19:31	61.8	25/1/2015 12:36	61.2	25/1/2015 21:41	60.3	27/1/2015 22:46	59.7	29/12/2014 0:36	64.1
24/1/2015 19:36	62.2	25/1/2015 12:41	61.2	25/1/2015 21:46	60.2	27/1/2015 22:51	60.0	29/12/2014 0:41	64.4
24/1/2015 19:41	60.8	25/1/2015 12:46	61.6	25/1/2015 21:51	61.1	27/1/2015 22:56	59.9	29/12/2014 0:46	63.6
24/1/2015 19:46	60.5	25/1/2015 12:51	61.3	25/1/2015 21:56	62.0			29/12/2014 0:51	64.0
24/1/2015 19:51	61.1	25/1/2015 12:56	63.7	25/1/2015 22:01	60.5			29/12/2014 0:56	63.5
24/1/2015 19:56	62.3	25/1/2015 13:01	62.1	25/1/2015 22:06	61.1			29/12/2014 1:01	63.5
24/1/2015 20:01	60.7	25/1/2015 13:06	62.2	25/1/2015 22:11	61.6			29/12/2014 1:06	63.5
24/1/2015 20:06	61.2	25/1/2015 13:11	62.0	25/1/2015 22:16	60.6			29/12/2014 1:11	63.8
24/1/2015 20:11	60.2	25/1/2015 13:16	60.9	25/1/2015 22:21	60.6			29/12/2014 1:16	63.7
24/1/2015 20:16	60.4	25/1/2015 13:21	62.1	25/1/2015 22:26	61.3			29/12/2014 1:21	62.8
24/1/2015 20:21	61.1	25/1/2015 13:26	61.7	25/1/2015 22:31	58.9			29/12/2014 1:26	66.6
24/1/2015 20:26	60.3	25/1/2015 13:31	62.8	25/1/2015 22:36	61.2			29/12/2014 1:31	62.3
24/1/2015 20:31	60.3	25/1/2015 13:36	61.9	25/1/2015 22:41	59.9			29/12/2014 1:36	62.5
24/1/2015 20:36	60.8	25/1/2015 13:41	62.0	25/1/2015 22:46	61.0			29/12/2014 1:41	62.9
24/1/2015 20:41	61.1	25/1/2015 13:46	61.7	25/1/2015 22:51	60.2			29/12/2014 1:46	63.0
24/1/2015 20:46	60.0	25/1/2015 13:51	62.6	25/1/2015 22:56	58.4			29/12/2014 1:51	62.3
24/1/2015 20:51	60.3	25/1/2015 13:56	61.7	26/1/2015 19:01	62.9			29/12/2014 1:56	62.3
24/1/2015 20:56	60.3	25/1/2015 14:01	61.5	26/1/2015 19:06	63.2			29/12/2014 2:01	62.4
24/1/2015 21:01	62.1	25/1/2015 14:06	61.8	26/1/2015 19:11	62.6			29/12/2014 2:06	62.6
24/1/2015 21:06	61.5	25/1/2015 14:11	62.3	26/1/2015 19:16	62.8			29/12/2014 2:11	62.5
24/1/2015 21:11	59.7	25/1/2015 14:16	62.5	26/1/2015 19:21	62.3			29/12/2014 2:16	62.1
24/1/2015 21:16	60.2	25/1/2015 14:21	62.6	26/1/2015 19:26	65.1			29/12/2014 2:21	62.9
24/1/2015 21:21	60.8	25/1/2015 14:26	62.8	26/1/2015 19:31	63.0			29/12/2014 2:26	61.9
24/1/2015 21:26	61.8	25/1/2015 14:31	62.6	26/1/2015 19:36	62.7			29/12/2014 2:31	61.9
24/1/2015 21:31	59.8	25/1/2015 14:36	61.9	26/1/2015 19:41	63.5			29/12/2014 2:36	62.6
24/1/2015 21:36	60.0	25/1/2015 14:41	62.4	26/1/2015 19:46	62.2			29/12/2014 2:41	62.1
24/1/2015 21:41	59.1	25/1/2015 14:46	62.4	26/1/2015 19:51	63.2			29/12/2014 2:46	60.8
24/1/2015 21:46	61.0	25/1/2015 14:51	62.7	26/1/2015 19:56	62.5			29/12/2014 2:51	60.8
24/1/2015 21:51	61.0	25/1/2015 14:56	62.1	26/1/2015 20:01	63.1			29/12/2014 2:56	61.4
24/1/2015 21:56	60.4	25/1/2015 15:01	62.3	26/1/2015 20:06	62.6			29/12/2014 3:01	60.5
24/1/2015 22:01	60.9	25/1/2015 15:06	64.8	26/1/2015 20:11	62.6			29/12/2014 3:06	61.7
24/1/2015 22:06	60.4	25/1/2015 15:11	61.5	26/1/2015 20:16	64.3			29/12/2014 3:11	60.3
24/1/2015 22:11	61.4	25/1/2015 15:16	62.3	26/1/2015 20:21	62.6			29/12/2014 3:16	59.3
24/1/2015 22:16	60.6	25/1/2015 15:21	62.1	26/1/2015 20:26	61.9			29/12/2014 3:21	60.8
24/1/2015 22:21	61.8	25/1/2015 15:26	62.8	26/1/2015 20:31	61.3			29/12/2014 3:26	58.6
24/1/2015 22:26	59.8	25/1/2015 15:31	62.3	26/1/2015 20:36	62.2			29/12/2014 3:31	62.6
24/1/2015 22:31	62.1	25/1/2015 15:36	61.9	26/1/2015 20:41	61.2			29/12/2014 3:36	60.0
24/1/2015 22:36	62.6	25/1/2015 15:41	63.1	26/1/2015 20:46	61.3			29/12/2014 3:41	59.0
24/1/2015 22:41	60.9	25/1/2015 15:46	62.7	26/1/2015 20:51	60.9			29/12/2014 3:46	59.3
24/1/2015 22:46	59.7	25/1/2015 15:51	62.1	26/1/2015 20:56	60.6			29/12/2014 3:51	60.0
24/1/2015 22:51	60.4	25/1/2015 15:56	62.9	26/1/2015 21:01	60.4			29/12/2014 3:56	58.3
24/1/2015 22:56	61.2	25/1/2015 16:01	62.6	26/1/2015 21:06	61.4			29/12/2014 4:01	58.6
25/1/2015 7:01	59.3	25/1/2015 16:06	62.3	26/1/2015 21:11	61.2			29/12/2014 4:06	59.2
25/1/2015 7:06	59.8	25/1/2015 16:11	62.1	26/1/2015 21:16	61.1			29/12/2014 4:11	60.0
25/1/2015 7:11	59.7	25/1/2015 16:16	61.5	26/1/2015 21:21	60.8			29/12/2014 4:16	59.3
25/1/2015 7:16	61.7	25/1/2015 16:21	62.4	26/1/2015 21:26	61.0			29/12/2014 4:21	59.3
25/1/2015 7:21	60.5	25/1/2015 16:26	61.8	26/1/2015 21:31	61.1			29/12/2014 4:26	58.6
25/1/2015 7:26	59.9	25/1/2015 16:31	62.1	26/1/2015 21:36	59.6			29/12/2014 4:31	57.8
25/1/2015 7:31	58.7	25/1/2015 16:36	62.0	26/1/2015 21:41	61.1			29/12/2014 4:36	58.9
25/1/2015 7:36	60.1	25/1/2015 16:41	62.7	26/1/2015 21:46	61.3			29/12/2014 4:41	59.3
25/1/2015 7:41	59.6	25/1/2015 16:46	62.8	26/1/2015 21:51	62.1			29/12/2014 4:46	59.5
25/1/2015 7:46	61.7	25/1/2015 16:51	62.5	26/1/2015 21:56	62.1			29/12/2014 4:51	60.6
25/1/2015 7:51	60.4	25/1/2015 16:56	61.8	26/1/2015 22:01	60.5			29/12/2014 4:56	59.0
25/1/2015 7:56	59.2	25/1/2015 17:01	61.2	26/1/2015 22:06	59.9			29/12/2014 5:01	58.8
25/1/2015 8:01	59.4	25/1/2015 17:06	61.0	26/1/2015 22:11	59.3			29/12/2014 5:06	59.1
25/1/2015 8:06	61.8	25/1/2015 17:11	60.9	26/1/2015 22:16	61.4			29/12/2014 5:11	58.8
25/1/2015 8:11	61.7	25/1/2015 17:16	61.4	26/1/2015 22:21	61.9			29/12/2014 5:16	59.1
25/1/2015 8:16	53.6	25/1/2015 17:21	62.6	26/1/2015 22:26	60.8			29/12/2014 5:21	58.9
25/1/2015 8:21	61.3	25/1/2015 17:26	61.5	26/1/2015 22:31	59.3			29/12/2014 5:26	59.5
25/1/2015 8:26	60.3	25/1/2015 17:31	62.8	26/1/2015 22:36	57.3			29/12/2014 5:31	59.9
25/1/2015 8:31	60.2	25/1/2015 17:36	61.7	26/1/2015 22:41	59.7			29/12/2014 5:36	60.0
25/1/2015 8:36	59.0	25/1/2015 17:41	61.9	26/1/2015 22:46	59.2			29/12/2014 5:41	59.7
25/1/2015 8:41	59.7	25/1/2015 17:46	61.7	26/1/2015 22:51	60.0			29/12/2014 5:46	61.3
25/1/2015 8:46	59.2	25/1/2015 17:51	61.6	26/1/2015 22:56	60.1			29/12/2014 5:51	61.2
25/1/2015 8:51	59.3	25/1/2015 17:56	63.6	27/1/2015 19:01	62.5			29/12/2014 5:56	60.6
25/1/2015 8:56	59.0	25/1/2015 18:01	62.0	27/1/2015 19:06	62.7			29/12/2014 6:01	60.8
25/1/2015 9:01	59.0	25/1/2015 18:06	62.7	27/1/2015 19:11	63.0			29/12/2014 6:06	61.1
25/1/2015 9:06	59.2	25/1/2015 18:11	62.0	27/1/2015 19:16	63.1			29/12/2014 6:11	61.5
25/1/2015 9:11	59.0	25/1/2015 18:16	63.4	27/1/2015 19:21	64.1			29/12/2014 6:16	61.9
25/1/2015 9:16	59.5	25/1/2015 18:21	62.0	27/1/2015 19:26	63.2			29/12/2014 6:21	62.2
25/1/2015 9:21	60.2	25/1/2015 18:26	61.3	27/1/2015 19:31	63.8			29/12/2014 6:26	62.1
25/1/2015 9:26	58.8	25/1/2015 18:31	63.8	27/1/2015 19:36	62.6			29/12/2014 6:31	62.4
25/1/2015 9:31	59.2	25/1/2015 18:36	61.7	27/1/2015 19:41	63.0			29/12/2014 6:36	62.8
25/1/2015 9:36	58.8	25/1/2015 18:41	61.2	27/1/2015 19:46	62.5			29/12/2014 6:41	63.6
25/1/2015 9:41	58.7	25/1/2015 18:46	60.7	27/1/2015 19:51	63.4			29/12/2014 6:46	63.7
25/1/2015 9:46	59.1	25/1/2015 18:51	60.5	27/1/2015 19:56	62.8			29/12/2014 6:51	64.2
25/1/2015 9:51	59.3	25/1/2015 18:56	59.1	27/1/2015 20:01	62.3			29/12/2014 6:56	64.4
25/1/2015 9:56	59.4	25/1/2015 19:01	60.9	27/1/2015 20:06	62.1			29/12/2014 7:01	64.3
25/1/2015 10:01	59.6	25/1/2015 19:06	62.3	27/1/2015 20:11	62.9			29/12/2014 23:06	64.2
25/1/2015 10:06	59.7	25/1/2015 19:11	61.0	27/1/2015 20:16	63.3			29/	

Real-time Noise Data		RTN2a (Hong Kong Electric Centre)									
31/12/2014 1:41	63.8	1/1/2015 2:46	61.3	2/1/2015 3:51	48.6	3/1/2015 4:56	54.0	4/1/2015 6:01	56.0	5/1/2015 23:06	62.6
31/12/2014 1:46	63.8	1/1/2015 2:51	63.6	2/1/2015 3:56	58.0	3/1/2015 5:01	53.2	4/1/2015 6:06	57.1	5/1/2015 23:11	62.6
31/12/2014 1:51	64.5	1/1/2015 2:56	60.9	2/1/2015 4:01	38.9	3/1/2015 5:06	56.9	4/1/2015 6:11	55.9	5/1/2015 23:16	62.4
31/12/2014 1:56	62.6	1/1/2015 3:01	60.3	2/1/2015 4:06	58.2	3/1/2015 5:11	55.7	4/1/2015 6:16	56.8	5/1/2015 23:21	62.7
31/12/2014 2:01	62.7	1/1/2015 3:06	63.0	2/1/2015 4:11	48.4	3/1/2015 5:16	54.1	4/1/2015 6:21	57.2	5/1/2015 23:26	61.8
31/12/2014 2:06	63.2	1/1/2015 3:11	61.2	2/1/2015 4:16	47.0	3/1/2015 5:21	57.4	4/1/2015 6:26	57.9	5/1/2015 23:31	62.1
31/12/2014 2:11	62.6	1/1/2015 3:16	60.7	2/1/2015 4:21	57.7	3/1/2015 5:26	59.1	4/1/2015 6:31	57.0	5/1/2015 23:36	62.5
31/12/2014 2:16	64.6	1/1/2015 3:21	60.6	2/1/2015 4:26	58.2	3/1/2015 5:31	58.2	4/1/2015 6:36	56.6	5/1/2015 23:41	61.1
31/12/2014 2:21	62.6	1/1/2015 3:26	61.4	2/1/2015 4:31	43.8	3/1/2015 5:36	58.0	4/1/2015 6:41	58.3	5/1/2015 23:46	62.5
31/12/2014 2:26	62.4	1/1/2015 3:31	60.3	2/1/2015 4:36	39.7	3/1/2015 5:41	57.7	4/1/2015 6:46	58.7	5/1/2015 23:51	61.4
31/12/2014 2:31	62.9	1/1/2015 3:36	60.5	2/1/2015 4:41	36.7	3/1/2015 5:46	57.6	4/1/2015 6:51	58.3	5/1/2015 23:56	61.4
31/12/2014 2:36	63.3	1/1/2015 3:41	59.4	2/1/2015 4:46	52.2	3/1/2015 5:51	57.8	4/1/2015 6:56	58.6	6/1/2015 0:01	60.8
31/12/2014 2:41	62.7	1/1/2015 3:46	62.2	2/1/2015 4:51	47.4	3/1/2015 5:56	58.7	4/1/2015 23:01	62.0	6/1/2015 0:06	61.8
31/12/2014 2:46	62.7	1/1/2015 3:51	59.9	2/1/2015 4:56	50.8	3/1/2015 6:01	56.9	4/1/2015 23:06	61.5	6/1/2015 0:11	60.4
31/12/2014 2:51	62.7	1/1/2015 3:56	61.2	2/1/2015 5:01	49.7	3/1/2015 6:06	58.3	4/1/2015 23:11	61.8	6/1/2015 0:16	60.7
31/12/2014 2:56	62.8	1/1/2015 4:01	59.8	2/1/2015 5:06	53.3	3/1/2015 6:11	57.1	4/1/2015 23:16	60.9	6/1/2015 0:21	61.1
31/12/2014 3:01	62.9	1/1/2015 4:06	64.9	2/1/2015 5:11	55.0	3/1/2015 6:16	59.2	4/1/2015 23:21	61.7	6/1/2015 0:26	60.8
31/12/2014 3:06	62.8	1/1/2015 4:11	58.7	2/1/2015 5:16	53.4	3/1/2015 6:21	59.0	4/1/2015 23:26	61.5	6/1/2015 0:31	59.9
31/12/2014 3:11	62.9	1/1/2015 4:16	59.8	2/1/2015 5:21	52.9	3/1/2015 6:26	60.0	4/1/2015 23:31	61.2	6/1/2015 0:36	59.3
31/12/2014 3:16	63.0	1/1/2015 4:21	60.2	2/1/2015 5:26	50.5	3/1/2015 6:31	59.2	4/1/2015 23:36	62.0	6/1/2015 0:41	59.8
31/12/2014 3:21	63.1	1/1/2015 4:26	59.8	2/1/2015 5:31	52.7	3/1/2015 6:36	60.0	4/1/2015 23:41	61.4	6/1/2015 0:46	59.7
31/12/2014 3:26	62.6	1/1/2015 4:31	58.8	2/1/2015 5:36	54.4	3/1/2015 6:41	60.6	4/1/2015 23:46	60.6	6/1/2015 0:51	58.8
31/12/2014 3:31	63.0	1/1/2015 4:36	59.5	2/1/2015 5:41	54.2	3/1/2015 6:46	60.4	4/1/2015 23:51	62.4	6/1/2015 0:56	57.9
31/12/2014 3:36	62.7	1/1/2015 4:41	59.0	2/1/2015 5:46	56.4	3/1/2015 6:51	61.0	4/1/2015 23:56	61.6	6/1/2015 1:01	59.1
31/12/2014 3:41	63.4	1/1/2015 4:46	58.5	2/1/2015 5:51	55.8	3/1/2015 6:56	61.4	5/1/2015 0:01	60.8	6/1/2015 1:06	58.4
31/12/2014 3:46	62.4	1/1/2015 4:51	58.3	2/1/2015 5:56	57.3	3/1/2015 23:01	63.4	5/1/2015 0:06	61.0	6/1/2015 1:11	57.3
31/12/2014 3:51	63.0	1/1/2015 4:56	59.0	2/1/2015 6:01	55.3	3/1/2015 23:06	62.4	5/1/2015 0:11	60.7	6/1/2015 1:16	57.9
31/12/2014 3:56	62.7	1/1/2015 5:01	59.2	2/1/2015 6:06	55.4	3/1/2015 23:11	62.9	5/1/2015 0:16	60.5	6/1/2015 1:21	57.0
31/12/2014 4:01	62.5	1/1/2015 5:06	59.2	2/1/2015 6:11	56.4	3/1/2015 23:16	63.0	5/1/2015 0:21	59.5	6/1/2015 1:26	57.1
31/12/2014 4:06	62.3	1/1/2015 5:11	60.2	2/1/2015 6:16	59.5	3/1/2015 23:21	62.9	5/1/2015 0:26	58.9	6/1/2015 1:31	57.1
31/12/2014 4:11	62.4	1/1/2015 5:16	58.5	2/1/2015 6:21	59.1	3/1/2015 23:26	62.3	5/1/2015 0:31	58.4	6/1/2015 1:36	55.0
31/12/2014 4:16	62.2	1/1/2015 5:21	59.4	2/1/2015 6:26	59.1	3/1/2015 23:31	62.8	5/1/2015 0:36	59.2	6/1/2015 1:41	56.2
31/12/2014 4:21	62.7	1/1/2015 5:26	58.0	2/1/2015 6:31	59.5	3/1/2015 23:36	62.5	5/1/2015 0:41	58.4	6/1/2015 1:46	55.5
31/12/2014 4:26	62.5	1/1/2015 5:31	58.5	2/1/2015 6:36	60.4	3/1/2015 23:41	63.1	5/1/2015 0:46	58.9	6/1/2015 1:51	55.9
31/12/2014 4:31	62.5	1/1/2015 5:36	59.4	2/1/2015 6:41	60.2	3/1/2015 23:46	61.7	5/1/2015 0:51	58.8	6/1/2015 1:56	53.5
31/12/2014 4:36	62.2	1/1/2015 5:41	58.8	2/1/2015 6:46	61.2	3/1/2015 23:51	62.7	5/1/2015 0:56	58.6	6/1/2015 2:01	55.7
31/12/2014 4:41	63.1	1/1/2015 5:46	59.5	2/1/2015 6:51	61.6	3/1/2015 23:56	62.4	5/1/2015 1:01	56.8	6/1/2015 2:06	51.8
31/12/2014 4:46	62.4	1/1/2015 5:51	59.0	2/1/2015 6:56	62.1	4/1/2015 0:01	62.0	5/1/2015 1:06	58.7	6/1/2015 2:11	53.2
31/12/2014 4:51	62.5	1/1/2015 5:56	59.3	2/1/2015 23:01	63.4	4/1/2015 0:06	61.5	5/1/2015 1:11	58.9	6/1/2015 2:16	55.3
31/12/2014 4:56	62.6	1/1/2015 6:01	58.9	2/1/2015 23:06	62.8	4/1/2015 0:11	62.0	5/1/2015 1:16	52.5	6/1/2015 2:21	56.4
31/12/2014 5:01	62.9	1/1/2015 6:06	59.2	2/1/2015 23:11	63.1	4/1/2015 0:16	61.5	5/1/2015 1:21	55.9	6/1/2015 2:26	54.0
31/12/2014 5:06	62.7	1/1/2015 6:11	59.8	2/1/2015 23:16	62.9	4/1/2015 0:21	61.9	5/1/2015 1:26	62.1	6/1/2015 2:31	53.0
31/12/2014 5:11	62.7	1/1/2015 6:16	58.6	2/1/2015 23:21	62.7	4/1/2015 0:26	59.8	5/1/2015 1:31	56.9	6/1/2015 2:36	45.2
31/12/2014 5:16	62.9	1/1/2015 6:21	59.5	2/1/2015 23:26	64.0	4/1/2015 0:31	62.6	5/1/2015 1:36	53.2	6/1/2015 2:41	53.5
31/12/2014 5:21	62.6	1/1/2015 6:26	61.9	2/1/2015 23:31	62.0	4/1/2015 0:36	61.0	5/1/2015 1:41	59.8	6/1/2015 2:46	54.4
31/12/2014 5:26	62.9	1/1/2015 6:31	59.1	2/1/2015 23:36	63.1	4/1/2015 0:41	60.6	5/1/2015 1:46	57.2	6/1/2015 2:51	53.9
31/12/2014 5:31	62.9	1/1/2015 6:36	61.3	2/1/2015 23:41	62.5	4/1/2015 0:46	60.0	5/1/2015 1:51	50.1	6/1/2015 2:56	47.5
31/12/2014 5:36	62.8	1/1/2015 6:41	60.0	2/1/2015 23:46	62.7	4/1/2015 0:51	61.1	5/1/2015 1:56	55.1	6/1/2015 3:01	48.8
31/12/2014 5:41	62.9	1/1/2015 6:46	60.5	2/1/2015 23:51	62.5	4/1/2015 0:56	60.4	5/1/2015 2:01	49.2	6/1/2015 3:06	53.6
31/12/2014 5:46	63.5	1/1/2015 6:51	61.4	2/1/2015 23:56	62.6	4/1/2015 1:01	62.0	5/1/2015 2:06	54.4	6/1/2015 3:11	50.9
31/12/2014 5:51	63.0	1/1/2015 6:56	60.8	3/1/2015 0:01	63.2	4/1/2015 1:06	61.8	5/1/2015 2:11	39.7	6/1/2015 3:16	53.8
31/12/2014 5:56	63.4	1/1/2015 23:01	62.8	3/1/2015 0:06	62.6	4/1/2015 1:11	60.7	5/1/2015 2:16	54.9	6/1/2015 3:21	58.1
31/12/2014 6:01	62.7	1/1/2015 23:06	62.4	3/1/2015 0:11	62.7	4/1/2015 1:16	59.9	5/1/2015 2:21	48.1	6/1/2015 3:26	50.8
31/12/2014 6:06	63.8	1/1/2015 23:11	62.8	3/1/2015 0:16	62.7	4/1/2015 1:21	60.1	5/1/2015 2:26	47.3	6/1/2015 3:31	49.3
31/12/2014 6:11	63.9	1/1/2015 23:16	62.6	3/1/2015 0:21	62.5	4/1/2015 1:26	59.6	5/1/2015 2:31	57.6	6/1/2015 3:36	46.5
31/12/2014 6:16	63.6	1/1/2015 23:21	62.8	3/1/2015 0:26	62.1	4/1/2015 1:31	59.6	5/1/2015 2:36	50.8	6/1/2015 3:41	52.3
31/12/2014 6:21	63.7	1/1/2015 23:26	61.9	3/1/2015 0:31	61.8	4/1/2015 1:36	60.6	5/1/2015 2:41	58.1	6/1/2015 3:46	46.8
31/12/2014 6:26	63.7	1/1/2015 23:31	62.4	3/1/2015 0:36	61.5	4/1/2015 1:41	58.7	5/1/2015 2:46	58.2	6/1/2015 3:51	51.5
31/12/2014 6:31	64.1	1/1/2015 23:36	62.6	3/1/2015 0:41	61.4	4/1/2015 1:46	61.6	5/1/2015 2:51	57.8	6/1/2015 3:56	42.0
31/12/2014 6:36	64.1	1/1/2015 23:41	61.9	3/1/2015 0:46	63.1	4/1/2015 1:51	60.1	5/1/2015 2:56	57.9	6/1/2015 4:01	57.4
31/12/2014 6:41	64.4	1/1/2015 23:46	62.7	3/1/2015 0:51	61.6	4/1/2015 1:56	59.2	5/1/2015 3:01	57.7	6/1/2015 4:06	57.6
31/12/2014 6:46	64.3	1/1/2015 23:51	62.4	3/1/2015 0:56	61.2	4/1/2015 2:01	61.5	5/1/2015 3:06	45.5	6/1/2015 4:11	51.1
31/12/2014 6:51	65.1	1/1/2015 23:56	62.1	3/1/2015 1:01	60.6	4/1/2015 2:06	58.3	5/1/2015 3:11	57.9	6/1/2015 4:16	57.7
31/12/2014 6:56	65.0	2/1/2015 0:01	62.1	3/1/2015 1:06	61.8	4/1/2015 2:11	57.9	5/1/2015 3:16	57.6	6/1/2015 4:21	41.5
31/12/2014 23:01	63.2	2/1/2015 0:06	62.0	3/1/2015 1:11	60.5	4/1/2015 2:16	57.0	5/1/2015 3:21	38.0	6/1/2015 4:26	58.1
31/12/2014 23:06	62.5	2/1/2015 0:11	60.8	3/1/2015 1:16	61.0	4/1/2015 2:21	57.8	5/1/2015 3:26	57.7	6/1/2015 4:31	58.3
31/12/2014 23:11	62.8	2/1/2015 0:16	61.1	3/1/2015 1:21	60.3	4/1/2015 2:26	59.0	5/1/2015 3:31	58.2	6/1/2015 4:36	57.0
31/12/2014 23:16	63.3	2/1/2015 0:21	61.3	3/1/2015 1:26	62.7	4/1/2015 2:31	58.4	5/1/2015 3:36	57.7	6/1/2015 4:41	57.0
31/12/2014 23:21	64.2	2/1/2015 0:26	61.2	3/1/2015 1:31	60.8	4/1/2015 2:36	58.5	5/1/2015 3:41	57.7	6/1/2015 4:46	51.0
31/12/2014 23:26	64.2	2/1/2015 0:31	60.6	3/1/2015 1:36	60.3	4/1/2015 2:41	57.6	5/1/2015 3:46	57.8	6/1/2015 4:51	52.3
31/12/2014 23:31	62.6	2/1/2015 0:36	60.9	3/1/2015 1:41	61.0	4/1/2015 2:46	56.5	5/1/2015 3:51	58.2	6/1/2015 4:56	45.7
31/12/2014 23:36	62.3	2/1/2015 0:41	60.2	3/1/2015 1:46	60.2	4/1/2015 2:51	57.9	5/1/2015 3:56	57.3	6/1/2015 5:01	45.2
31/12/2014 23:41	62.3										

Real-time Noise Data		RTN2a (Hong Kong Electric Centre)									
7/1/2015 0:11	60.0	8/1/2015 1:16	58.3	9/1/2015 2:21	54.2	10/1/2015 3:26	56.2	11/1/2015 4:31	49.2	12/1/2015 5:36	52.4
7/1/2015 0:16	59.2	8/1/2015 1:21	58.0	9/1/2015 2:26	58.7	10/1/2015 3:31	55.1	11/1/2015 4:36	54.2	12/1/2015 5:41	51.8
7/1/2015 0:21	57.7	8/1/2015 1:26	59.2	9/1/2015 2:31	51.9	10/1/2015 3:36	56.7	11/1/2015 4:41	48.4	12/1/2015 5:46	54.5
7/1/2015 0:26	59.0	8/1/2015 1:31	56.5	9/1/2015 2:36	56.2	10/1/2015 3:41	56.6	11/1/2015 4:46	51.6	12/1/2015 5:51	55.8
7/1/2015 0:31	60.2	8/1/2015 1:36	56.9	9/1/2015 2:41	54.4	10/1/2015 3:46	54.1	11/1/2015 4:51	44.0	12/1/2015 5:56	55.1
7/1/2015 0:36	57.2	8/1/2015 1:41	56.2	9/1/2015 2:46	55.7	10/1/2015 3:51	55.3	11/1/2015 4:56	52.5	12/1/2015 6:01	54.3
7/1/2015 0:41	58.9	8/1/2015 1:46	59.4	9/1/2015 2:51	50.1	10/1/2015 3:56	54.9	11/1/2015 5:01	51.9	12/1/2015 6:06	56.2
7/1/2015 0:46	57.8	8/1/2015 1:51	56.3	9/1/2015 2:56	53.0	10/1/2015 4:01	53.8	11/1/2015 5:06	51.9	12/1/2015 6:11	57.3
7/1/2015 0:51	57.8	8/1/2015 1:56	55.6	9/1/2015 3:01	48.8	10/1/2015 4:06	53.0	11/1/2015 5:11	51.4	12/1/2015 6:16	57.5
7/1/2015 0:56	58.0	8/1/2015 2:01	57.1	9/1/2015 3:06	50.4	10/1/2015 4:11	54.4	11/1/2015 5:16	49.6	12/1/2015 6:21	59.5
7/1/2015 1:01	55.6	8/1/2015 2:06	55.2	9/1/2015 3:11	49.5	10/1/2015 4:16	55.6	11/1/2015 5:21	47.8	12/1/2015 6:26	59.3
7/1/2015 1:06	57.0	8/1/2015 2:11	56.4	9/1/2015 3:16	58.1	10/1/2015 4:21	55.6	11/1/2015 5:26	49.2	12/1/2015 6:31	58.6
7/1/2015 1:11	56.4	8/1/2015 2:16	51.8	9/1/2015 3:21	45.7	10/1/2015 4:26	56.6	11/1/2015 5:31	51.8	12/1/2015 6:36	60.3
7/1/2015 1:16	56.1	8/1/2015 2:21	56.6	9/1/2015 3:26	36.7	10/1/2015 4:31	54.0	11/1/2015 5:36	54.0	12/1/2015 6:41	60.7
7/1/2015 1:21	55.7	8/1/2015 2:26	55.7	9/1/2015 3:31	43.8	10/1/2015 4:36	53.3	11/1/2015 5:41	52.3	12/1/2015 6:46	61.4
7/1/2015 1:26	56.3	8/1/2015 2:31	55.3	9/1/2015 3:36	49.2	10/1/2015 4:41	53.0	11/1/2015 5:46	49.7	12/1/2015 6:51	61.4
7/1/2015 1:31	55.2	8/1/2015 2:36	52.5	9/1/2015 3:41	57.4	10/1/2015 4:46	47.5	11/1/2015 5:51	52.0	12/1/2015 6:56	62.2
7/1/2015 1:36	54.7	8/1/2015 2:41	54.6	9/1/2015 3:46	57.7	10/1/2015 4:51	49.6	11/1/2015 5:56	55.8	12/1/2015 7:01	65.3
7/1/2015 1:41	54.6	8/1/2015 2:46	45.2	9/1/2015 3:51	42.8	10/1/2015 4:56	53.2	11/1/2015 6:01	54.1	12/1/2015 7:06	65.8
7/1/2015 1:46	56.0	8/1/2015 2:51	52.5	9/1/2015 3:56	58.1	10/1/2015 5:01	52.6	11/1/2015 6:06	55.5	12/1/2015 7:11	65.7
7/1/2015 1:51	51.9	8/1/2015 2:56	53.3	9/1/2015 4:01	53.6	10/1/2015 5:06	54.2	11/1/2015 6:11	54.3	12/1/2015 7:16	65.7
7/1/2015 1:56	52.3	8/1/2015 3:01	51.1	9/1/2015 4:06	56.7	10/1/2015 5:11	49.0	11/1/2015 6:16	56.8	12/1/2015 7:21	65.2
7/1/2015 2:01	55.9	8/1/2015 3:06	54.3	9/1/2015 4:11	48.7	10/1/2015 5:16	55.1	11/1/2015 6:21	56.3	12/1/2015 7:26	64.7
7/1/2015 2:06	51.1	8/1/2015 3:11	54.5	9/1/2015 4:16	58.1	10/1/2015 5:21	52.8	11/1/2015 6:26	56.2	12/1/2015 7:31	64.7
7/1/2015 2:11	57.9	8/1/2015 3:16	49.0	9/1/2015 4:21	41.5	10/1/2015 5:26	55.9	11/1/2015 6:31	56.7	12/1/2015 7:36	64.4
7/1/2015 2:16	42.0	8/1/2015 3:21	49.5	9/1/2015 4:26	58.0	10/1/2015 5:31	56.2	11/1/2015 6:36	54.5	12/1/2015 7:41	64.5
7/1/2015 2:21	41.5	8/1/2015 3:26	54.8	9/1/2015 4:31	58.1	10/1/2015 5:36	54.9	11/1/2015 6:41	57.2	12/1/2015 7:46	64.4
7/1/2015 2:26	49.7	8/1/2015 3:31	45.8	9/1/2015 4:36	57.7	10/1/2015 5:41	54.7	11/1/2015 6:46	58.3	12/1/2015 7:51	64.8
7/1/2015 2:31	58.3	8/1/2015 3:36	54.1	9/1/2015 4:41	58.2	10/1/2015 5:46	55.4	11/1/2015 6:51	56.9	12/1/2015 7:56	64.5
7/1/2015 2:36	51.7	8/1/2015 3:41	42.0	9/1/2015 4:46	57.8	10/1/2015 5:51	55.7	11/1/2015 6:56	57.8	13/1/2015 0:01	63.3
7/1/2015 2:41	49.8	8/1/2015 3:46	52.4	9/1/2015 4:51	51.1	10/1/2015 5:56	56.9	11/1/2015 7:01	62.7	13/1/2015 0:06	64.7
7/1/2015 2:46	45.7	8/1/2015 3:51	52.9	9/1/2015 4:56	42.4	10/1/2015 6:01	55.3	11/1/2015 7:06	62.7	13/1/2015 0:11	63.9
7/1/2015 2:51	50.8	8/1/2015 3:56	57.9	9/1/2015 5:01	51.4	10/1/2015 6:06	57.5	11/1/2015 7:11	61.4	13/1/2015 0:16	64.0
7/1/2015 2:56	46.7	8/1/2015 4:01	58.0	9/1/2015 5:06	46.5	10/1/2015 6:11	58.2	11/1/2015 7:16	61.7	13/1/2015 0:21	63.9
7/1/2015 3:01	58.2	8/1/2015 4:06	47.5	9/1/2015 5:11	52.2	10/1/2015 6:16	57.7	11/1/2015 7:21	61.5	13/1/2015 0:26	64.4
7/1/2015 3:06	46.7	8/1/2015 4:11	53.6	9/1/2015 5:16	48.8	10/1/2015 6:21	57.6	11/1/2015 7:26	61.0	13/1/2015 0:31	63.7
7/1/2015 3:11	57.5	8/1/2015 4:16	58.0	9/1/2015 5:21	47.0	10/1/2015 6:26	59.7	11/1/2015 7:31	60.7	13/1/2015 0:36	63.9
7/1/2015 3:16	57.8	8/1/2015 4:21	51.9	9/1/2015 5:26	52.4	10/1/2015 6:31	60.1	11/1/2015 7:36	61.6	13/1/2015 0:41	63.5
7/1/2015 3:21	58.0	8/1/2015 4:26	57.3	9/1/2015 5:31	51.4	10/1/2015 6:36	59.1	11/1/2015 7:41	61.1	13/1/2015 0:46	63.0
7/1/2015 3:26	57.0	8/1/2015 4:31	48.3	9/1/2015 5:36	53.3	10/1/2015 6:41	60.4	11/1/2015 7:46	61.4	13/1/2015 0:51	62.1
7/1/2015 3:31	57.8	8/1/2015 4:36	58.1	9/1/2015 5:41	51.9	10/1/2015 6:46	61.2	11/1/2015 7:51	61.0	13/1/2015 0:56	62.2
7/1/2015 3:36	50.8	8/1/2015 4:41	49.1	9/1/2015 5:46	54.0	10/1/2015 6:51	61.3	11/1/2015 7:56	61.6	13/1/2015 1:01	62.6
7/1/2015 3:41	47.3	8/1/2015 4:46	54.1	9/1/2015 5:51	58.3	10/1/2015 6:56	61.0	12/1/2015 0:01	61.1	13/1/2015 1:06	61.3
7/1/2015 3:46	57.4	8/1/2015 4:51	58.2	9/1/2015 5:56	55.9	10/1/2015 7:01	62.8	12/1/2015 0:06	61.0	13/1/2015 1:11	61.1
7/1/2015 3:51	57.5	8/1/2015 4:56	44.3	9/1/2015 6:01	56.7	10/1/2015 7:06	63.4	12/1/2015 0:11	60.4	13/1/2015 1:16	61.3
7/1/2015 3:56	52.2	8/1/2015 5:01	53.6	9/1/2015 6:06	57.3	10/1/2015 7:11	62.4	12/1/2015 0:16	60.3	13/1/2015 1:21	61.4
7/1/2015 4:01	57.9	8/1/2015 5:06	54.8	9/1/2015 6:11	58.7	10/1/2015 7:16	63.2	12/1/2015 0:21	59.3	13/1/2015 1:26	61.5
7/1/2015 4:06	58.2	8/1/2015 5:11	49.9	9/1/2015 6:16	59.0	10/1/2015 7:21	62.6	12/1/2015 0:26	59.2	13/1/2015 1:31	58.9
7/1/2015 4:11	57.7	8/1/2015 5:16	49.1	9/1/2015 6:21	59.5	10/1/2015 7:26	62.5	12/1/2015 0:31	60.2	13/1/2015 1:36	60.1
7/1/2015 4:16	49.8	8/1/2015 5:21	48.7	9/1/2015 6:26	59.9	10/1/2015 7:31	63.3	12/1/2015 0:36	58.5	13/1/2015 1:41	60.7
7/1/2015 4:21	40.4	8/1/2015 5:26	53.2	9/1/2015 6:31	60.6	10/1/2015 7:36	62.0	12/1/2015 0:41	58.0	13/1/2015 1:46	60.1
7/1/2015 4:26	57.8	8/1/2015 5:31	53.4	9/1/2015 6:36	61.4	10/1/2015 7:41	62.2	12/1/2015 0:46	57.7	13/1/2015 1:51	59.4
7/1/2015 4:31	58.0	8/1/2015 5:36	51.2	9/1/2015 6:41	61.6	10/1/2015 7:46	62.6	12/1/2015 0:51	58.2	13/1/2015 1:56	57.2
7/1/2015 4:36	57.6	8/1/2015 5:41	54.2	9/1/2015 6:46	61.9	10/1/2015 7:51	61.8	12/1/2015 0:56	55.6	13/1/2015 2:01	60.5
7/1/2015 4:41	40.4	8/1/2015 5:46	56.6	9/1/2015 6:51	61.6	10/1/2015 7:56	61.9	12/1/2015 1:01	57.6	13/1/2015 2:06	57.5
7/1/2015 4:46	58.3	8/1/2015 5:51	56.8	9/1/2015 6:56	63.2	11/1/2015 0:01	60.3	12/1/2015 1:06	57.5	13/1/2015 2:11	58.6
7/1/2015 4:51	46.8	8/1/2015 5:56	56.4	9/1/2015 7:01	63.3	11/1/2015 0:06	57.5	12/1/2015 1:11	57.3	13/1/2015 2:16	59.1
7/1/2015 4:56	58.1	8/1/2015 6:01	55.4	9/1/2015 7:06	63.1	11/1/2015 0:11	59.0	12/1/2015 1:16	56.3	13/1/2015 2:21	58.4
7/1/2015 5:01	45.7	8/1/2015 6:06	58.1	9/1/2015 7:11	63.1	11/1/2015 0:16	59.5	12/1/2015 1:21	54.3	13/1/2015 2:26	59.8
7/1/2015 5:06	59.5	8/1/2015 6:11	59.2	9/1/2015 7:16	63.2	11/1/2015 0:21	57.0	12/1/2015 1:26	56.7	13/1/2015 2:31	59.2
7/1/2015 5:11	47.1	8/1/2015 6:16	58.8	9/1/2015 7:21	63.4	11/1/2015 0:26	57.7	12/1/2015 1:31	51.8	13/1/2015 2:36	59.6
7/1/2015 5:16	51.1	8/1/2015 6:21	59.7	9/1/2015 7:26	63.2	11/1/2015 0:31	57.5	12/1/2015 1:36	54.8	13/1/2015 2:41	58.8
7/1/2015 5:21	50.3	8/1/2015 6:26	59.9	9/1/2015 7:31	63.6	11/1/2015 0:36	58.2	12/1/2015 1:41	53.6	13/1/2015 2:46	60.3
7/1/2015 5:26	52.0	8/1/2015 6:31	60.6	9/1/2015 7:36	63.3	11/1/2015 0:41	58.2	12/1/2015 1:46	58.4	13/1/2015 2:51	59.1
7/1/2015 5:31	50.2	8/1/2015 6:36	61.5	9/1/2015 7:41	63.0	11/1/2015 0:46	57.6	12/1/2015 1:51	47.0	13/1/2015 2:56	58.3
7/1/2015 5:36	51.8	8/1/2015 6:41	61.2	9/1/2015 7:46	63.3	11/1/2015 0:51	56.9	12/1/2015 1:56	47.3	13/1/2015 3:01	60.8
7/1/2015 5:41	50.7	8/1/2015 6:46	61.9	9/1/2015 7:51	63.1	11/1/2015 0:56	58.1	12/1/2015 2:01	51.8	13/1/2015 3:06	59.4
7/1/2015 5:46	52.1	8/1/2015 6:51	62.5	9/1/2015 7:56	63.4	11/1/2015 1:01	57.0	12/1/2015 2:06	52.1	13/1/2015 3:11	57.7
7/1/2015 5:51	54.5	8/1/2015 6:56	62.6	10/1/2015 0:01	62.9	11/1/2015 1:06	57.7	12/1/2015 2:11	51.4	13/1/2015 3:16	58.2
7/1/2015 5:56	53.5	8/1/2015 7:01	62.4	10/1/2015 0:06	62.9	11/1/2015 1:11	57.6	12/1/2015 2:16	50.7	13/1/2015 3:21	59.1
7/1/2015 6:01	55.1	8/1/2015 7:06	63.5	10/1/2015 0:11	62.0	11/1/2015 1:16	56.8	12/1/2015 2:21	50.9	13/1/2015 3:26	58.5
7/1/2015 6:06	55.0	8/1/2015 7:11	63.8	10/1/2015 0:16	61.1	11/1/2015 1:21	58.0	12/1/2015 2:26	52.5	13/1/2015 3:31	55.0
7/1/2015 6:11	57.3	8/1/2015 7:16	62.7								

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

27/1/2015 3:41	51.9
27/1/2015 3:46	47.9
27/1/2015 3:51	58.3
27/1/2015 3:56	51.1
27/1/2015 4:01	45.8
27/1/2015 4:06	47.3
27/1/2015 4:11	58.1
27/1/2015 4:16	46.4
27/1/2015 4:21	48.3
27/1/2015 4:26	57.9
27/1/2015 4:31	46.2
27/1/2015 4:36	50.4
27/1/2015 4:41	58.3
27/1/2015 4:46	42.0
27/1/2015 4:51	46.8
27/1/2015 4:56	52.1
27/1/2015 5:01	49.9
27/1/2015 5:06	51.7
27/1/2015 5:11	50.8
27/1/2015 5:16	52.3
27/1/2015 5:21	51.7
27/1/2015 5:26	55.1
27/1/2015 5:31	54.4
27/1/2015 5:36	53.5
27/1/2015 5:41	54.8
27/1/2015 5:46	56.3
27/1/2015 5:51	57.1
27/1/2015 5:56	56.3
27/1/2015 6:01	55.1
27/1/2015 6:06	58.4
27/1/2015 6:11	57.8
27/1/2015 6:16	58.0
27/1/2015 6:21	59.7
27/1/2015 6:26	60.2
27/1/2015 6:31	62.0
27/1/2015 6:36	60.9
27/1/2015 6:41	60.8
27/1/2015 6:46	62.1
27/1/2015 6:51	62.5
27/1/2015 6:56	62.6
27/1/2015 23:01	62.9
27/1/2015 23:06	62.0
27/1/2015 23:11	62.7
27/1/2015 23:16	62.2
27/1/2015 23:21	62.4
27/1/2015 23:26	62.5
27/1/2015 23:31	61.7
27/1/2015 23:36	61.9
27/1/2015 23:41	61.4
27/1/2015 23:46	62.1
27/1/2015 23:51	61.5
27/1/2015 23:56	62.2

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

Normal Day 07:00-19:00

Table with 4 columns: Date/Time, Value 1, Value 2, Value 3. Rows range from 29/12/2014 7:01 to 3/1/2015 12:01.

Table with 4 columns: Date/Time, Value 1, Value 2, Value 3. Rows range from 14/1/2015 13:31 to 20/1/2015 7:31.

Table with 4 columns: Date/Time, Value 1, Value 2, Value 3. Rows range from 20/1/2015 8:01 to 24/1/2015 14:01.

Table with 4 columns: Date/Time, Value 1, Value 2, Value 3. Rows range from 24/1/2015 14:31 to 28/12/2014 10:51.

Normal Day 19:00-23:00 Sunday & Holiday 07:00-23:00

Table with 4 columns: Date/Time, Value 1, Value 2, Value 3. Rows range from 28/12/2014 7:01 to 28/12/2014 10:51.

Real-time Noise Data

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

4/1/2015 13:26	55.7	4/1/2015 22:31	58.6	7/1/2015 19:36	59.1	9/1/2015 20:41	65.0	11/1/2015 9:46	57.2	11/1/2015 18:51	62.0
4/1/2015 13:31	57.1	4/1/2015 22:36	60.0	7/1/2015 19:41	61.3	9/1/2015 20:46	59.4	11/1/2015 9:51	56.1	11/1/2015 18:56	61.8
4/1/2015 13:36	59.1	4/1/2015 22:41	60.8	7/1/2015 19:46	64.5	9/1/2015 20:51	62.0	11/1/2015 9:56	57.6	11/1/2015 19:01	59.2
4/1/2015 13:41	63.0	4/1/2015 22:46	57.7	7/1/2015 19:51	63.4	9/1/2015 20:56	57.9	11/1/2015 10:01	49.7	11/1/2015 19:06	62.6
4/1/2015 13:46	65.3	4/1/2015 22:51	57.9	7/1/2015 19:56	62.8	9/1/2015 21:01	44.9	11/1/2015 10:06	40.1	11/1/2015 19:11	59.8
4/1/2015 13:51	60.9	4/1/2015 22:56	55.0	7/1/2015 20:01	63.8	9/1/2015 21:06	57.2	11/1/2015 10:11	55.7	11/1/2015 19:16	61.3
4/1/2015 13:56	58.9	5/1/2015 19:01	64.1	7/1/2015 20:06	62.2	9/1/2015 21:11	66.3	11/1/2015 10:16	58.7	11/1/2015 19:21	62.0
4/1/2015 14:01	56.9	5/1/2015 19:06	63.1	7/1/2015 20:11	61.8	9/1/2015 21:16	56.1	11/1/2015 10:21	63.8	11/1/2015 19:26	60.9
4/1/2015 14:06	62.5	5/1/2015 19:11	62.4	7/1/2015 20:16	64.0	9/1/2015 21:21	48.6	11/1/2015 10:26	56.6	11/1/2015 19:31	58.9
4/1/2015 14:11	61.4	5/1/2015 19:16	63.1	7/1/2015 20:21	63.1	9/1/2015 21:26	57.7	11/1/2015 10:31	55.5	11/1/2015 19:36	59.9
4/1/2015 14:16	61.5	5/1/2015 19:21	63.8	7/1/2015 20:26	62.4	9/1/2015 21:31	52.0	11/1/2015 10:36	52.8	11/1/2015 19:41	57.0
4/1/2015 14:21	61.8	5/1/2015 19:26	63.0	7/1/2015 20:31	64.4	9/1/2015 21:36	57.6	11/1/2015 10:41	57.7	11/1/2015 19:46	56.8
4/1/2015 14:26	61.5	5/1/2015 19:31	64.5	7/1/2015 20:36	61.4	9/1/2015 21:41	66.3	11/1/2015 10:46	47.9	11/1/2015 19:51	60.0
4/1/2015 14:31	60.7	5/1/2015 19:36	63.5	7/1/2015 20:41	61.7	9/1/2015 21:46	49.7	11/1/2015 10:51	58.0	11/1/2015 19:56	59.9
4/1/2015 14:36	62.7	5/1/2015 19:41	62.5	7/1/2015 20:46	62.7	9/1/2015 21:51	59.8	11/1/2015 10:56	53.2	11/1/2015 20:01	60.6
4/1/2015 14:41	61.9	5/1/2015 19:46	63.6	7/1/2015 20:51	63.1	9/1/2015 21:56	58.9	11/1/2015 11:01	56.1	11/1/2015 20:06	58.3
4/1/2015 14:46	62.4	5/1/2015 19:51	64.4	7/1/2015 20:56	60.2	9/1/2015 22:01	56.3	11/1/2015 11:06	57.5	11/1/2015 20:11	43.1
4/1/2015 14:51	62.9	5/1/2015 19:56	63.3	7/1/2015 21:01	60.2	9/1/2015 22:06	58.6	11/1/2015 11:11	56.0	11/1/2015 20:16	58.9
4/1/2015 14:56	63.1	5/1/2015 20:01	62.7	7/1/2015 21:06	59.4	9/1/2015 22:11	56.8	11/1/2015 11:16	58.5	11/1/2015 20:21	59.4
4/1/2015 15:01	63.1	5/1/2015 20:06	64.2	7/1/2015 21:11	58.5	9/1/2015 22:16	56.0	11/1/2015 11:21	59.0	11/1/2015 20:26	58.2
4/1/2015 15:06	62.3	5/1/2015 20:11	63.0	7/1/2015 21:16	59.6	9/1/2015 22:21	57.0	11/1/2015 11:26	54.0	11/1/2015 20:31	57.8
4/1/2015 15:11	62.4	5/1/2015 20:16	62.9	7/1/2015 21:21	58.5	9/1/2015 22:26	56.5	11/1/2015 11:31	59.1	11/1/2015 20:36	55.6
4/1/2015 15:16	61.6	5/1/2015 20:21	62.4	7/1/2015 21:26	58.0	9/1/2015 22:31	49.7	11/1/2015 11:36	56.7	11/1/2015 20:41	57.4
4/1/2015 15:21	60.5	5/1/2015 20:26	59.8	7/1/2015 21:31	60.1	9/1/2015 22:36	60.3	11/1/2015 11:41	63.4	11/1/2015 20:46	55.3
4/1/2015 15:26	61.4	5/1/2015 20:31	62.3	7/1/2015 21:36	59.4	9/1/2015 22:41	59.8	11/1/2015 11:46	59.8	11/1/2015 20:51	62.1
4/1/2015 15:31	62.6	5/1/2015 20:36	60.2	7/1/2015 21:41	59.3	9/1/2015 22:46	60.9	11/1/2015 11:51	58.5	11/1/2015 20:56	62.2
4/1/2015 15:36	62.9	5/1/2015 20:41	64.8	7/1/2015 21:46	59.7	9/1/2015 22:51	62.4	11/1/2015 11:56	66.1	11/1/2015 21:01	66.2
4/1/2015 15:41	63.1	5/1/2015 20:46	62.6	7/1/2015 21:51	57.0	9/1/2015 22:56	59.2	11/1/2015 12:01	58.0	11/1/2015 21:06	58.1
4/1/2015 15:46	62.4	5/1/2015 20:51	58.9	7/1/2015 21:56	61.3	10/1/2015 19:01	62.3	11/1/2015 12:06	56.9	11/1/2015 21:11	61.8
4/1/2015 15:51	61.3	5/1/2015 20:56	61.5	7/1/2015 22:01	57.5	10/1/2015 19:06	62.7	11/1/2015 12:11	57.2	11/1/2015 21:16	58.4
4/1/2015 15:56	65.8	5/1/2015 21:01	62.2	7/1/2015 22:06	59.6	10/1/2015 19:11	62.1	11/1/2015 12:16	55.6	11/1/2015 21:21	58.7
4/1/2015 16:01	61.3	5/1/2015 21:06	61.1	7/1/2015 22:11	61.5	10/1/2015 19:16	63.1	11/1/2015 12:21	57.7	11/1/2015 21:26	59.1
4/1/2015 16:06	60.4	5/1/2015 21:11	61.2	7/1/2015 22:16	61.5	10/1/2015 19:21	63.6	11/1/2015 12:26	66.4	11/1/2015 21:31	58.0
4/1/2015 16:11	63.9	5/1/2015 21:16	61.6	7/1/2015 22:21	58.1	10/1/2015 19:26	64.3	11/1/2015 12:31	58.6	11/1/2015 21:36	58.2
4/1/2015 16:16	61.4	5/1/2015 21:21	61.8	7/1/2015 22:26	55.0	10/1/2015 19:31	65.9	11/1/2015 12:36	57.9	11/1/2015 21:41	59.7
4/1/2015 16:21	61.9	5/1/2015 21:26	60.9	7/1/2015 22:31	57.1	10/1/2015 19:36	63.6	11/1/2015 12:41	57.8	11/1/2015 21:46	59.6
4/1/2015 16:26	62.5	5/1/2015 21:31	61.1	7/1/2015 22:36	60.2	10/1/2015 19:41	61.0	11/1/2015 12:46	59.4	11/1/2015 21:51	59.4
4/1/2015 16:31	63.9	5/1/2015 21:36	61.5	7/1/2015 22:41	54.0	10/1/2015 19:46	62.9	11/1/2015 12:51	56.0	11/1/2015 21:56	56.7
4/1/2015 16:36	61.1	5/1/2015 21:41	60.1	7/1/2015 22:46	66.1	10/1/2015 19:51	65.8	11/1/2015 12:56	47.9	11/1/2015 22:01	62.6
4/1/2015 16:41	61.6	5/1/2015 21:46	60.5	7/1/2015 22:51	65.8	10/1/2015 19:56	61.7	11/1/2015 13:01	60.8	11/1/2015 22:06	59.0
4/1/2015 16:46	62.7	5/1/2015 21:51	55.3	7/1/2015 22:56	65.6	10/1/2015 20:01	61.5	11/1/2015 13:06	60.1	11/1/2015 22:11	59.1
4/1/2015 16:51	62.3	5/1/2015 21:56	61.1	8/1/2015 19:01	62.2	10/1/2015 20:06	61.9	11/1/2015 13:11	58.9	11/1/2015 22:16	57.1
4/1/2015 16:56	63.9	5/1/2015 22:01	58.1	8/1/2015 19:06	63.9	10/1/2015 20:11	59.1	11/1/2015 13:16	60.4	11/1/2015 22:21	55.0
4/1/2015 17:01	64.1	5/1/2015 22:06	62.3	8/1/2015 19:11	63.7	10/1/2015 20:16	60.5	11/1/2015 13:21	57.7	11/1/2015 22:26	55.3
4/1/2015 17:06	63.1	5/1/2015 22:11	58.5	8/1/2015 19:16	63.1	10/1/2015 20:21	61.2	11/1/2015 13:26	58.9	11/1/2015 22:31	56.0
4/1/2015 17:11	64.5	5/1/2015 22:16	60.6	8/1/2015 19:21	64.3	10/1/2015 20:26	60.4	11/1/2015 13:31	58.5	11/1/2015 22:36	48.6
4/1/2015 17:16	63.1	5/1/2015 22:21	60.4	8/1/2015 19:26	62.2	10/1/2015 20:31	63.3	11/1/2015 13:36	57.7	11/1/2015 22:41	66.4
4/1/2015 17:21	62.7	5/1/2015 22:26	60.0	8/1/2015 19:31	62.6	10/1/2015 20:36	60.2	11/1/2015 13:41	64.9	11/1/2015 22:46	66.2
4/1/2015 17:26	62.6	5/1/2015 22:31	60.8	8/1/2015 19:36	64.1	10/1/2015 20:41	59.1	11/1/2015 13:46	52.0	11/1/2015 22:51	66.4
4/1/2015 17:31	62.8	5/1/2015 22:36	59.3	8/1/2015 19:41	63.5	10/1/2015 20:46	59.4	11/1/2015 13:51	55.9	11/1/2015 22:56	66.4
4/1/2015 17:36	64.3	5/1/2015 22:41	60.0	8/1/2015 19:46	64.4	10/1/2015 20:51	60.8	11/1/2015 13:56	53.9	12/1/2015 19:01	68.3
4/1/2015 17:41	62.0	5/1/2015 22:46	59.1	8/1/2015 19:51	63.7	10/1/2015 20:56	60.5	11/1/2015 14:01	53.9	12/1/2015 19:06	68.1
4/1/2015 17:46	62.5	5/1/2015 22:51	58.9	8/1/2015 19:56	63.6	10/1/2015 21:01	57.1	11/1/2015 14:06	59.6	12/1/2015 19:11	68.2
4/1/2015 17:51	64.3	5/1/2015 22:56	59.6	8/1/2015 20:01	62.5	10/1/2015 21:06	61.1	11/1/2015 14:11	62.4	12/1/2015 19:16	68.0
4/1/2015 17:56	63.1	6/1/2015 19:01	64.1	8/1/2015 20:06	62.4	10/1/2015 21:11	59.5	11/1/2015 14:16	61.4	12/1/2015 19:21	69.5
4/1/2015 18:01	63.7	6/1/2015 19:06	63.7	8/1/2015 20:11	60.3	10/1/2015 21:16	55.5	11/1/2015 14:21	63.3	12/1/2015 19:26	69.3
4/1/2015 18:06	62.3	6/1/2015 19:11	63.4	8/1/2015 20:16	63.8	10/1/2015 21:21	59.8	11/1/2015 14:26	63.3	12/1/2015 19:31	68.6
4/1/2015 18:11	62.3	6/1/2015 19:16	65.5	8/1/2015 20:21	60.7	10/1/2015 21:26	60.1	11/1/2015 14:31	62.6	12/1/2015 19:36	69.6
4/1/2015 18:16	64.3	6/1/2015 19:21	64.7	8/1/2015 20:26	59.4	10/1/2015 21:31	56.3	11/1/2015 14:36	61.6	12/1/2015 19:41	69.7
4/1/2015 18:21	63.9	6/1/2015 19:26	63.7	8/1/2015 20:31	60.6	10/1/2015 21:36	62.2	11/1/2015 14:41	63.4	12/1/2015 19:46	68.5
4/1/2015 18:26	64.6	6/1/2015 19:31	64.6	8/1/2015 20:36	63.0	10/1/2015 21:41	60.5	11/1/2015 14:46	61.1	12/1/2015 19:51	68.2
4/1/2015 18:31	64.8	6/1/2015 19:36	64.2	8/1/2015 20:41	60.6	10/1/2015 21:46	61.4	11/1/2015 14:51	62.7	12/1/2015 19:56	67.4
4/1/2015 18:36	63.1	6/1/2015 19:41	63.4	8/1/2015 20:46	61.7	10/1/2015 21:51	60.9	11/1/2015 14:56	64.2	12/1/2015 20:01	67.6
4/1/2015 18:41	62.3	6/1/2015 19:46	63.9	8/1/2015 20:51	60.6	10/1/2015 21:56	61.0	11/1/2015 15:01	63.7	12/1/2015 20:06	68.1
4/1/2015 18:46	63.1	6/1/2015 19:51	66.9	8/1/2015 20:56	60.0	10/1/2015 22:01	65.7	11/1/2015 15:06	61.5	12/1/2015 20:11	67.6
4/1/2015 18:51	63.3	6/1/2015 19:56	65.4	8/1/2015 21:01	61.2	10/1/2015 22:06	59.0	11/1/2015 15:11	63.0	12/1/2015 20:16	68.4
4/1/2015 18:56	62.3	6/1/2015 20:01	62.7	8/1/2015 21:06	57.0	10/1/2015 22:11	62.4	11/1/2015 15:16	64.5	12/1/2015 20:21	68.0
4/1/2015 19:01	62.8	6/1/2015 20:06	61.8	8/1/2015 21:11	63.7	10/1/2015 22:16	62.9	11/1/2015 15:21	63.5	12/1/2015 20:26	67.7
4/1/2015 19:06	62.8	6/1/2015 20:11	62.8	8/1/2015 21:16	63.4	10/1/2015 22:21	59.6	11/1/2015 15:26	63.0	12/1/2015 20:31	67.2
4/1/2015 19:11	59.8	6/1/2015 20:16	62.8	8/1/2015 21:21	62.2	10/1/2015 22:26	62.2	11/1/2015 15:31	62.1	12/1/2015	

Real-time Noise Data		RTN3 (Po Leung Kuk Yu Lee Mo Fan Memorial School)									
13/1/2015 19:56	66.6	15/1/2015 21:01	62.9	17/1/2015 22:06	61.4	18/1/2015 15:11	60.9	19/1/2015 20:16	64.7	21/1/2015 21:21	60.9
13/1/2015 20:01	67.3	15/1/2015 21:06	59.7	17/1/2015 22:11	60.6	18/1/2015 15:16	62.7	19/1/2015 20:21	62.3	21/1/2015 21:26	63.5
13/1/2015 20:06	66.6	15/1/2015 21:11	62.4	17/1/2015 22:16	61.6	18/1/2015 15:21	61.6	19/1/2015 20:26	62.9	21/1/2015 21:31	58.2
13/1/2015 20:11	65.7	15/1/2015 21:16	63.0	17/1/2015 22:21	63.3	18/1/2015 15:26	62.5	19/1/2015 20:31	63.2	21/1/2015 21:36	60.8
13/1/2015 20:16	67.1	15/1/2015 21:21	62.9	17/1/2015 22:26	60.8	18/1/2015 15:31	62.7	19/1/2015 20:36	62.6	21/1/2015 21:41	61.7
13/1/2015 20:21	66.7	15/1/2015 21:26	59.2	17/1/2015 22:31	62.8	18/1/2015 15:36	61.9	19/1/2015 20:41	61.7	21/1/2015 21:46	61.5
13/1/2015 20:26	66.3	15/1/2015 21:31	62.8	17/1/2015 22:36	63.1	18/1/2015 15:41	61.6	19/1/2015 20:46	60.1	21/1/2015 21:51	63.5
13/1/2015 20:31	65.9	15/1/2015 21:36	64.3	17/1/2015 22:41	63.5	18/1/2015 15:46	62.3	19/1/2015 20:51	60.5	21/1/2015 21:56	56.6
13/1/2015 20:36	65.1	15/1/2015 21:41	60.2	17/1/2015 22:46	61.3	18/1/2015 15:51	61.5	19/1/2015 20:56	60.0	21/1/2015 22:01	60.5
13/1/2015 20:41	65.9	15/1/2015 21:46	61.2	17/1/2015 22:51	62.8	18/1/2015 15:56	62.0	19/1/2015 21:01	61.5	21/1/2015 22:06	63.1
13/1/2015 20:46	65.5	15/1/2015 21:51	62.1	17/1/2015 22:56	61.0	18/1/2015 16:01	63.4	19/1/2015 21:06	58.5	21/1/2015 22:11	59.3
13/1/2015 20:51	65.2	15/1/2015 21:56	61.1	18/1/2015 7:01	65.0	18/1/2015 16:06	64.1	19/1/2015 21:11	57.8	21/1/2015 22:16	60.7
13/1/2015 20:56	64.4	15/1/2015 22:01	61.9	18/1/2015 7:06	65.6	18/1/2015 16:11	63.8	19/1/2015 21:16	61.0	21/1/2015 22:21	60.2
13/1/2015 21:01	65.0	15/1/2015 22:06	61.6	18/1/2015 7:11	65.3	18/1/2015 16:16	63.5	19/1/2015 21:21	60.6	21/1/2015 22:26	60.1
13/1/2015 21:06	64.3	15/1/2015 22:11	62.3	18/1/2015 7:16	65.5	18/1/2015 16:21	63.2	19/1/2015 21:26	57.6	21/1/2015 22:31	58.6
13/1/2015 21:11	65.8	15/1/2015 22:16	63.0	18/1/2015 7:21	65.7	18/1/2015 16:26	63.3	19/1/2015 21:31	58.0	21/1/2015 22:36	60.3
13/1/2015 21:16	64.9	15/1/2015 22:21	63.6	18/1/2015 7:26	61.7	18/1/2015 16:31	62.7	19/1/2015 21:36	58.9	21/1/2015 22:41	61.2
13/1/2015 21:21	64.1	15/1/2015 22:26	62.1	18/1/2015 7:31	65.2	18/1/2015 16:36	63.8	19/1/2015 21:41	58.1	21/1/2015 22:46	57.8
13/1/2015 21:26	64.5	15/1/2015 22:31	63.4	18/1/2015 7:36	65.8	18/1/2015 16:41	63.4	19/1/2015 21:46	58.1	21/1/2015 22:51	62.8
13/1/2015 21:31	64.5	15/1/2015 22:36	62.7	18/1/2015 7:41	65.7	18/1/2015 16:46	62.8	19/1/2015 21:51	60.7	21/1/2015 22:56	61.0
13/1/2015 21:36	65.1	15/1/2015 22:41	63.6	18/1/2015 7:46	66.1	18/1/2015 16:51	62.2	19/1/2015 21:56	66.5	22/1/2015 19:01	64.1
13/1/2015 21:41	63.8	15/1/2015 22:46	62.5	18/1/2015 7:51	66.0	18/1/2015 16:56	61.9	19/1/2015 22:01	52.5	22/1/2015 19:06	62.6
13/1/2015 21:46	64.6	15/1/2015 22:51	61.8	18/1/2015 7:56	65.6	18/1/2015 17:01	62.5	19/1/2015 22:06	60.7	22/1/2015 19:11	62.2
13/1/2015 21:51	64.4	15/1/2015 22:56	62.1	18/1/2015 8:01	66.2	18/1/2015 17:06	63.0	19/1/2015 22:11	57.6	22/1/2015 19:16	62.8
13/1/2015 21:56	64.6	16/1/2015 19:01	65.2	18/1/2015 8:06	53.9	18/1/2015 17:11	62.5	19/1/2015 22:16	54.2	22/1/2015 19:21	62.0
13/1/2015 22:01	65.7	16/1/2015 19:06	64.3	18/1/2015 8:11	58.9	18/1/2015 17:16	61.3	19/1/2015 22:21	51.7	22/1/2015 19:26	63.7
13/1/2015 22:06	65.2	16/1/2015 19:11	63.7	18/1/2015 8:16	66.0	18/1/2015 17:21	63.0	19/1/2015 22:26	59.1	22/1/2015 19:31	62.7
13/1/2015 22:11	65.9	16/1/2015 19:16	63.8	18/1/2015 8:21	65.0	18/1/2015 17:26	61.1	19/1/2015 22:31	53.4	22/1/2015 19:36	61.7
13/1/2015 22:16	64.8	16/1/2015 19:21	65.4	18/1/2015 8:26	65.3	18/1/2015 17:31	60.4	19/1/2015 22:36	53.7	22/1/2015 19:41	60.0
13/1/2015 22:21	64.1	16/1/2015 19:26	65.2	18/1/2015 8:31	65.4	18/1/2015 17:36	62.4	19/1/2015 22:41	66.2	22/1/2015 19:46	59.5
13/1/2015 22:26	64.7	16/1/2015 19:31	65.2	18/1/2015 8:36	65.3	18/1/2015 17:41	63.2	19/1/2015 22:46	56.7	22/1/2015 19:51	60.6
13/1/2015 22:31	65.9	16/1/2015 19:36	64.4	18/1/2015 8:41	65.7	18/1/2015 17:46	61.1	19/1/2015 22:51	47.9	22/1/2015 19:56	63.5
13/1/2015 22:36	65.2	16/1/2015 19:41	65.5	18/1/2015 8:46	65.3	18/1/2015 17:51	62.9	19/1/2015 22:56	66.2	22/1/2015 20:01	60.4
13/1/2015 22:41	64.3	16/1/2015 19:46	64.4	18/1/2015 8:51	66.5	18/1/2015 17:56	63.2	20/1/2015 19:01	64.2	22/1/2015 20:06	60.2
13/1/2015 22:46	64.8	16/1/2015 19:51	64.5	18/1/2015 8:56	61.1	18/1/2015 18:01	62.3	20/1/2015 19:06	63.7	22/1/2015 20:11	62.2
13/1/2015 22:51	64.2	16/1/2015 19:56	64.7	18/1/2015 9:01	60.3	18/1/2015 18:06	61.4	20/1/2015 19:11	63.1	22/1/2015 20:16	61.0
13/1/2015 22:56	63.7	16/1/2015 20:01	62.9	18/1/2015 9:06	62.0	18/1/2015 18:11	62.0	20/1/2015 19:16	62.5	22/1/2015 20:21	61.3
14/1/2015 19:01	64.2	16/1/2015 20:06	63.9	18/1/2015 9:11	62.4	18/1/2015 18:16	62.3	20/1/2015 19:21	67.1	22/1/2015 20:26	58.1
14/1/2015 19:06	65.0	16/1/2015 20:11	63.7	18/1/2015 9:16	61.8	18/1/2015 18:21	61.8	20/1/2015 19:26	63.6	22/1/2015 20:31	58.1
14/1/2015 19:11	66.7	16/1/2015 20:16	64.4	18/1/2015 9:21	61.4	18/1/2015 18:26	62.6	20/1/2015 19:31	63.7	22/1/2015 20:36	60.7
14/1/2015 19:16	64.4	16/1/2015 20:21	64.1	18/1/2015 9:26	62.4	18/1/2015 18:31	62.0	20/1/2015 19:36	63.9	22/1/2015 20:41	61.7
14/1/2015 19:21	64.8	16/1/2015 20:26	64.1	18/1/2015 9:31	63.4	18/1/2015 18:36	62.3	20/1/2015 19:41	62.2	22/1/2015 20:46	60.0
14/1/2015 19:26	65.2	16/1/2015 20:31	63.8	18/1/2015 9:36	62.4	18/1/2015 18:41	62.3	20/1/2015 19:46	62.8	22/1/2015 20:51	56.0
14/1/2015 19:31	64.9	16/1/2015 20:36	63.2	18/1/2015 9:41	61.1	18/1/2015 18:46	62.2	20/1/2015 19:51	60.4	22/1/2015 20:56	56.9
14/1/2015 19:36	65.0	16/1/2015 20:41	62.7	18/1/2015 9:46	60.7	18/1/2015 18:51	61.9	20/1/2015 19:56	66.0	22/1/2015 21:01	47.9
14/1/2015 19:41	65.8	16/1/2015 20:46	62.3	18/1/2015 9:51	61.6	18/1/2015 18:56	60.4	20/1/2015 20:01	62.2	22/1/2015 21:06	52.8
14/1/2015 19:46	64.0	16/1/2015 20:51	62.2	18/1/2015 9:56	52.5	18/1/2015 19:01	60.3	20/1/2015 20:06	64.1	22/1/2015 21:11	60.1
14/1/2015 19:51	65.5	16/1/2015 20:56	62.9	18/1/2015 10:01	58.8	18/1/2015 19:06	62.1	20/1/2015 20:11	63.9	22/1/2015 21:16	57.1
14/1/2015 19:56	64.2	16/1/2015 21:01	61.1	18/1/2015 10:06	62.0	18/1/2015 19:11	59.6	20/1/2015 20:16	65.2	22/1/2015 21:21	58.4
14/1/2015 20:01	64.7	16/1/2015 21:06	62.2	18/1/2015 10:11	57.9	18/1/2015 19:16	60.7	20/1/2015 20:21	65.9	22/1/2015 21:26	61.7
14/1/2015 20:06	65.2	16/1/2015 21:11	60.6	18/1/2015 10:16	58.8	18/1/2015 19:21	61.4	20/1/2015 20:26	62.7	22/1/2015 21:31	55.2
14/1/2015 20:11	64.0	16/1/2015 21:16	59.8	18/1/2015 10:21	58.9	18/1/2015 19:26	60.9	20/1/2015 20:31	61.1	22/1/2015 21:36	60.9
14/1/2015 20:16	62.5	16/1/2015 21:21	61.7	18/1/2015 10:26	54.2	18/1/2015 19:31	60.6	20/1/2015 20:36	62.4	22/1/2015 21:41	60.5
14/1/2015 20:21	62.1	16/1/2015 21:26	61.1	18/1/2015 10:31	65.6	18/1/2015 19:36	62.7	20/1/2015 20:41	61.7	22/1/2015 21:46	59.7
14/1/2015 20:26	61.5	16/1/2015 21:31	62.9	18/1/2015 10:36	66.0	18/1/2015 19:41	58.7	20/1/2015 20:46	61.1	22/1/2015 21:51	56.5
14/1/2015 20:31	62.1	16/1/2015 21:36	60.4	18/1/2015 10:41	64.5	18/1/2015 19:46	61.0	20/1/2015 20:51	63.1	22/1/2015 21:56	57.7
14/1/2015 20:36	59.4	16/1/2015 21:41	64.2	18/1/2015 10:46	64.0	18/1/2015 19:51	56.5	20/1/2015 20:56	62.5	22/1/2015 22:01	58.8
14/1/2015 20:41	63.5	16/1/2015 21:46	62.0	18/1/2015 10:51	64.5	18/1/2015 19:56	55.2	20/1/2015 21:01	61.1	22/1/2015 22:06	61.1
14/1/2015 20:46	60.8	16/1/2015 21:51	60.9	18/1/2015 10:56	64.4	18/1/2015 20:01	66.5	20/1/2015 21:06	59.8	22/1/2015 22:11	59.0
14/1/2015 20:51	62.9	16/1/2015 21:56	62.8	18/1/2015 11:01	64.4	18/1/2015 20:06	47.1	20/1/2015 21:11	61.8	22/1/2015 22:16	61.1
14/1/2015 20:56	59.4	16/1/2015 22:01	61.8	18/1/2015 11:06	63.9	18/1/2015 20:11	61.3	20/1/2015 21:16	62.7	22/1/2015 22:21	60.7
14/1/2015 21:01	62.2	16/1/2015 22:06	63.8	18/1/2015 11:11	63.5	18/1/2015 20:16	46.2	20/1/2015 21:21	60.6	22/1/2015 22:26	60.0
14/1/2015 21:06	60.9	16/1/2015 22:11	62.2	18/1/2015 11:16	63.6	18/1/2015 20:21	58.6	20/1/2015 21:26	60.3	22/1/2015 22:31	58.8
14/1/2015 21:11	61.8	16/1/2015 22:16	61.4	18/1/2015 11:21	63.9	18/1/2015 20:26	57.6	20/1/2015 21:31	61.6	22/1/2015 22:36	59.9
14/1/2015 21:16	61.7	16/1/2015 22:21	61.4	18/1/2015 11:26	64.3	18/1/2015 20:31	54.7	20/1/2015 21:36	62.4	22/1/2015 22:41	60.3
14/1/2015 21:21	61.1	16/1/2015 22:26	59.3	18/1/2015 11:31	64.8	18/1/2015 20:36	61.0	20/1/2015 21:41	58.7	22/1/2015 22:46	58.1
14/1/2015 21:26	59.8	16/1/2015 22:31	61.8	18/1/2015 11:36	63.8	18/1/2015 20:41	59.3	20/1/2015 21:46	59.8	22/1/2015 22:51	61.1
14/1/2015 21:31	61.8	16/1/2015 22:36	62.3	18/1/2015 11:41	64.4	18/1/2015 20:46	55.0	20/1/2015 21:51	54.2	22/1/2015 22:56	59.1
14/1/2015 21:36	62.4	16/1/2015 22:41	61.6	18/1/2015 11:46	63.6	18/1/2015 20:51	55.6	20/1/2015 21:56	63.4	23/1/2015 1	

Real-time Noise Data	RTN3 (Po Leung Kuk Yu Lee Mo Fan Memorial School)										
23/1/2015 22:26	60.9	25/1/2015 11:31	62.6	25/1/2015 20:36	60.5	27/1/2015 21:41	61.1	28/12/2014 23:31	66.2	30/12/2014 0:36	64.4
23/1/2015 22:31	63.6	25/1/2015 11:36	61.4	25/1/2015 20:41	62.9	27/1/2015 21:46	63.0	28/12/2014 23:36	65.8	30/12/2014 0:41	63.1
23/1/2015 22:36	61.4	25/1/2015 11:41	64.0	25/1/2015 20:46	58.0	27/1/2015 21:51	60.5	28/12/2014 23:41	65.9	30/12/2014 0:46	63.1
23/1/2015 22:41	57.7	25/1/2015 11:46	65.0	25/1/2015 20:51	62.4	27/1/2015 21:56	62.0	28/12/2014 23:46	66.0	30/12/2014 0:51	60.9
23/1/2015 22:46	58.9	25/1/2015 11:51	61.3	25/1/2015 20:56	62.2	27/1/2015 22:01	57.7	28/12/2014 23:51	68.2	30/12/2014 0:56	62.1
23/1/2015 22:51	60.3	25/1/2015 11:56	59.3	25/1/2015 21:01	61.2	27/1/2015 22:06	61.7	28/12/2014 23:56	65.4	30/12/2014 1:01	62.3
23/1/2015 22:56	61.2	25/1/2015 12:01	61.7	25/1/2015 21:06	61.8	27/1/2015 22:11	61.0	29/12/2014 0:01	65.8	30/12/2014 1:06	62.0
24/1/2015 19:01	63.9	25/1/2015 12:06	61.4	25/1/2015 21:11	61.1	27/1/2015 22:16	61.7	29/12/2014 0:06	65.2	30/12/2014 1:11	62.8
24/1/2015 19:06	64.7	25/1/2015 12:11	60.9	25/1/2015 21:16	61.1	27/1/2015 22:21	61.4	29/12/2014 0:11	65.6	30/12/2014 1:16	62.3
24/1/2015 19:11	63.2	25/1/2015 12:16	64.6	25/1/2015 21:21	60.5	27/1/2015 22:26	59.6	29/12/2014 0:16	64.9	30/12/2014 1:21	61.3
24/1/2015 19:16	63.3	25/1/2015 12:21	61.4	25/1/2015 21:26	61.5	27/1/2015 22:31	61.0	29/12/2014 0:21	64.7	30/12/2014 1:26	61.2
24/1/2015 19:21	62.2	25/1/2015 12:26	64.6	25/1/2015 21:31	61.6	27/1/2015 22:36	61.5	29/12/2014 0:26	64.4	30/12/2014 1:31	57.9
24/1/2015 19:26	63.4	25/1/2015 12:31	63.1	25/1/2015 21:36	59.3	27/1/2015 22:41	58.7	29/12/2014 0:31	64.3	30/12/2014 1:36	60.2
24/1/2015 19:31	61.8	25/1/2015 12:36	62.7	25/1/2015 21:41	59.3	27/1/2015 22:46	58.7	29/12/2014 0:36	62.1	30/12/2014 1:41	60.2
24/1/2015 19:36	63.1	25/1/2015 12:41	62.4	25/1/2015 21:46	61.5	27/1/2015 22:51	58.9	29/12/2014 0:41	62.5	30/12/2014 1:46	61.7
24/1/2015 19:41	60.2	25/1/2015 12:46	62.1	25/1/2015 21:51	61.6	27/1/2015 22:56	57.9	29/12/2014 0:46	60.4	30/12/2014 1:51	59.7
24/1/2015 19:46	59.4	25/1/2015 12:51	63.1	25/1/2015 21:56	61.8			29/12/2014 0:51	61.4	30/12/2014 1:56	56.0
24/1/2015 19:51	62.0	25/1/2015 12:56	65.2	25/1/2015 22:01	61.4			29/12/2014 0:56	62.1	30/12/2014 2:01	58.2
24/1/2015 19:56	62.6	25/1/2015 13:01	64.0	25/1/2015 22:06	59.7			29/12/2014 1:01	60.6	30/12/2014 2:06	59.0
24/1/2015 20:01	59.7	25/1/2015 13:06	65.1	25/1/2015 22:11	61.4			29/12/2014 1:06	60.3	30/12/2014 2:11	63.6
24/1/2015 20:06	61.1	25/1/2015 13:11	62.4	25/1/2015 22:16	59.1			29/12/2014 1:11	62.5	30/12/2014 2:16	53.5
24/1/2015 20:11	59.6	25/1/2015 13:16	62.9	25/1/2015 22:21	60.7			29/12/2014 1:16	58.3	30/12/2014 2:21	55.0
24/1/2015 20:16	61.1	25/1/2015 13:21	64.2	25/1/2015 22:26	57.5			29/12/2014 1:21	68.1	30/12/2014 2:26	52.9
24/1/2015 20:21	61.3	25/1/2015 13:26	63.8	25/1/2015 22:31	58.3			29/12/2014 1:26	63.7	30/12/2014 2:31	50.8
24/1/2015 20:26	59.4	25/1/2015 13:31	64.3	25/1/2015 22:36	62.2			29/12/2014 1:31	54.1	30/12/2014 2:36	55.5
24/1/2015 20:31	59.5	25/1/2015 13:36	64.1	25/1/2015 22:41	59.2			29/12/2014 1:36	57.8	30/12/2014 2:41	55.4
24/1/2015 20:36	60.2	25/1/2015 13:41	63.6	25/1/2015 22:46	54.6			29/12/2014 1:41	58.8	30/12/2014 2:46	62.3
24/1/2015 20:41	62.3	25/1/2015 13:46	63.1	25/1/2015 22:51	60.7			29/12/2014 1:46	58.3	30/12/2014 2:51	59.2
24/1/2015 20:46	60.7	25/1/2015 13:51	63.7	25/1/2015 22:56	57.1			29/12/2014 1:51	57.5	30/12/2014 2:56	62.5
24/1/2015 20:51	57.9	25/1/2015 13:56	63.8	26/1/2015 19:01	64.8			29/12/2014 1:56	56.6	30/12/2014 3:01	63.0
24/1/2015 20:56	61.0	25/1/2015 14:01	63.3	26/1/2015 19:06	64.7			29/12/2014 2:01	56.6	30/12/2014 3:06	52.5
24/1/2015 21:01	61.3	25/1/2015 14:06	62.2	26/1/2015 19:11	63.8			29/12/2014 2:06	55.3	30/12/2014 3:11	62.2
24/1/2015 21:06	60.7	25/1/2015 14:11	62.9	26/1/2015 19:16	64.9			29/12/2014 2:11	51.8	30/12/2014 3:16	49.1
24/1/2015 21:11	57.8	25/1/2015 14:16	63.7	26/1/2015 19:21	64.4			29/12/2014 2:16	53.8	30/12/2014 3:21	62.7
24/1/2015 21:16	57.5	25/1/2015 14:21	64.6	26/1/2015 19:26	67.2			29/12/2014 2:21	55.8	30/12/2014 3:26	61.8
24/1/2015 21:21	59.8	25/1/2015 14:26	61.8	26/1/2015 19:31	64.1			29/12/2014 2:26	53.4	30/12/2014 3:31	61.9
24/1/2015 21:26	59.7	25/1/2015 14:31	64.5	26/1/2015 19:36	64.7			29/12/2014 2:31	58.1	30/12/2014 3:36	63.0
24/1/2015 21:31	58.4	25/1/2015 14:36	64.1	26/1/2015 19:41	64.3			29/12/2014 2:36	53.1	30/12/2014 3:41	62.0
24/1/2015 21:36	58.2	25/1/2015 14:41	63.8	26/1/2015 19:46	62.4			29/12/2014 2:41	63.1	30/12/2014 3:46	61.7
24/1/2015 21:41	57.9	25/1/2015 14:46	63.8	26/1/2015 19:51	65.1			29/12/2014 2:46	61.8	30/12/2014 3:51	62.4
24/1/2015 21:46	60.6	25/1/2015 14:51	64.9	26/1/2015 19:56	64.2			29/12/2014 2:51	61.5	30/12/2014 3:56	62.1
24/1/2015 21:51	61.8	25/1/2015 14:56	63.4	26/1/2015 20:01	64.3			29/12/2014 2:56	62.4	30/12/2014 4:01	61.5
24/1/2015 21:56	60.8	25/1/2015 15:01	63.4	26/1/2015 20:06	64.4			29/12/2014 3:01	62.4	30/12/2014 4:06	61.9
24/1/2015 22:01	58.5	25/1/2015 15:06	66.0	26/1/2015 20:11	64.2			29/12/2014 3:06	62.5	30/12/2014 4:11	62.0
24/1/2015 22:06	61.3	25/1/2015 15:11	61.6	26/1/2015 20:16	65.8			29/12/2014 3:11	60.9	30/12/2014 4:16	62.6
24/1/2015 22:11	60.4	25/1/2015 15:16	61.6	26/1/2015 20:21	64.8			29/12/2014 3:16	61.9	30/12/2014 4:21	62.4
24/1/2015 22:16	58.4	25/1/2015 15:21	62.0	26/1/2015 20:26	62.6			29/12/2014 3:21	61.6	30/12/2014 4:26	63.1
24/1/2015 22:21	59.4	25/1/2015 15:26	62.8	26/1/2015 20:31	63.1			29/12/2014 3:26	60.6	30/12/2014 4:31	62.1
24/1/2015 22:26	58.9	25/1/2015 15:31	63.7	26/1/2015 20:36	64.2			29/12/2014 3:31	62.9	30/12/2014 4:36	61.7
24/1/2015 22:31	61.7	25/1/2015 15:36	62.7	26/1/2015 20:41	64.8			29/12/2014 3:36	62.4	30/12/2014 4:41	61.0
24/1/2015 22:36	60.2	25/1/2015 15:41	63.8	26/1/2015 20:46	63.0			29/12/2014 3:41	61.0	30/12/2014 4:46	61.2
24/1/2015 22:41	62.2	25/1/2015 15:46	62.7	26/1/2015 20:51	62.3			29/12/2014 3:46	62.2	30/12/2014 4:51	61.8
24/1/2015 22:46	58.0	25/1/2015 15:51	64.3	26/1/2015 20:56	62.3			29/12/2014 3:51	61.5	30/12/2014 4:56	62.0
24/1/2015 22:51	61.0	25/1/2015 15:56	64.2	26/1/2015 21:01	59.9			29/12/2014 3:56	60.5	30/12/2014 5:01	62.6
24/1/2015 22:56	61.3	25/1/2015 16:01	64.8	26/1/2015 21:06	63.1			29/12/2014 4:01	60.9	30/12/2014 5:06	62.1
25/1/2015 7:01	55.6	25/1/2015 16:06	63.1	26/1/2015 21:11	63.1			29/12/2014 4:06	62.7	30/12/2014 5:11	62.1
25/1/2015 7:06	56.9	25/1/2015 16:11	63.3	26/1/2015 21:16	61.7			29/12/2014 4:11	61.2	30/12/2014 5:16	62.0
25/1/2015 7:11	54.2	25/1/2015 16:16	62.9	26/1/2015 21:21	63.1			29/12/2014 4:16	62.2	30/12/2014 5:21	62.9
25/1/2015 7:16	53.5	25/1/2015 16:21	64.6	26/1/2015 21:26	61.1			29/12/2014 4:21	61.2	30/12/2014 5:26	62.4
25/1/2015 7:21	54.7	25/1/2015 16:26	64.0	26/1/2015 21:31	60.1			29/12/2014 4:26	61.6	30/12/2014 5:31	52.8
25/1/2015 7:26	55.1	25/1/2015 16:31	65.8	26/1/2015 21:36	59.8			29/12/2014 4:31	60.4	30/12/2014 5:36	48.6
25/1/2015 7:31	53.3	25/1/2015 16:36	64.4	26/1/2015 21:41	60.3			29/12/2014 4:36	61.4	30/12/2014 5:41	42.8
25/1/2015 7:36	55.7	25/1/2015 16:41	64.0	26/1/2015 21:46	62.7			29/12/2014 4:41	61.3	30/12/2014 5:46	54.5
25/1/2015 7:41	56.2	25/1/2015 16:46	62.6	26/1/2015 21:51	61.1			29/12/2014 4:46	62.3	30/12/2014 5:51	55.9
25/1/2015 7:46	54.6	25/1/2015 16:51	64.1	26/1/2015 21:56	60.3			29/12/2014 4:51	61.9	30/12/2014 5:56	56.0
25/1/2015 7:51	54.6	25/1/2015 16:56	63.5	26/1/2015 22:01	61.4			29/12/2014 4:56	60.9	30/12/2014 6:01	55.9
25/1/2015 7:56	52.7	25/1/2015 17:01	62.3	26/1/2015 22:06	57.0			29/12/2014 5:01	61.4	30/12/2014 6:06	59.5
25/1/2015 8:01	53.1	25/1/2015 17:06	62.6	26/1/2015 22:11	58.4			29/12/2014 5:06	62.2	30/12/2014 6:11	58.7
25/1/2015 8:06	56.4	25/1/2015 17:11	63.0	26/1/2015 22:16	58.5			29/12/2014 5:11	61.3	30/12/2014 6:16	61.3
25/1/2015 8:11	57.0	25/1/2015 17:16	64.2	26/1/2015 22:21	62.0			29/12/2014 5:16	61.6	30/12/2014 6:21	61.2
25/1/2015 8:16	54.5	25/1/2015 17:21	62.6	26/1/2015 22:26	55.2			29/12/2014 5:21	61.6	30/12/2014 6:26	62.1
25/1/2015 8:21	57.2	25/1/2015 17:26	63.7	26/1/2015 22:31	55.7			29/12/2014 5:26	62.8	30/12/2014 6:31	63.1
25/1/2015 8:26	55.6	25/1/2015 17:31	64.1	26/1/2015 22:36	58.6			29/12/2014 5:31	51.3	30/12/2014 6:36	62.6
25/1/2015 8:31	59.4	25/1/2015 17:36	63.4	26/1/2015 22:41	58.9			29/12/2014 5:36	61.8	30/12/2014 6:41	64.6
25/1/2015 8:36	55.5	25/1/2015 17:41	63.9	26/1/2015 22:46	59.3			29/12/2014 5:41	63.0	30/12/2014 6:46	63.8
25/1/2015 8:41	54.2	25/1/2015 17:46	64.3	26/1/2015 22:51	61.3			29/12/2014 5:4			

Real-time Noise Data		RTN3 (Po Leung Kuk Yu Lee Mo Fan Memorial School)									
31/12/2014 1:41	60.9	1/1/2015 2:46	63.8	2/1/2015 3:51	61.7	3/1/2015 4:56	61.9	4/1/2015 6:01	63.0	5/1/2015 23:06	64.2
31/12/2014 1:46	62.6	1/1/2015 2:51	66.2	2/1/2015 3:56	60.4	3/1/2015 5:01	62.4	4/1/2015 6:06	53.9	5/1/2015 23:11	63.7
31/12/2014 1:51	65.8	1/1/2015 2:56	61.6	2/1/2015 4:01	61.3	3/1/2015 5:06	62.4	4/1/2015 6:11	57.2	5/1/2015 23:16	62.6
31/12/2014 1:56	54.3	1/1/2015 3:01	64.1	2/1/2015 4:06	61.6	3/1/2015 5:11	61.9	4/1/2015 6:16	51.0	5/1/2015 23:21	65.7
31/12/2014 2:01	57.8	1/1/2015 3:06	66.3	2/1/2015 4:11	61.8	3/1/2015 5:16	62.8	4/1/2015 6:21	59.2	5/1/2015 23:26	63.3
31/12/2014 2:06	60.0	1/1/2015 3:11	62.2	2/1/2015 4:16	61.7	3/1/2015 5:21	52.9	4/1/2015 6:26	59.5	5/1/2015 23:31	62.4
31/12/2014 2:11	62.7	1/1/2015 3:16	62.5	2/1/2015 4:21	60.2	3/1/2015 5:26	59.4	4/1/2015 6:31	56.7	5/1/2015 23:36	62.3
31/12/2014 2:16	57.9	1/1/2015 3:21	62.3	2/1/2015 4:26	60.8	3/1/2015 5:31	53.9	4/1/2015 6:36	59.8	5/1/2015 23:41	62.6
31/12/2014 2:21	54.1	1/1/2015 3:26	62.7	2/1/2015 4:31	61.0	3/1/2015 5:36	55.4	4/1/2015 6:41	59.9	5/1/2015 23:46	62.6
31/12/2014 2:26	62.7	1/1/2015 3:31	61.9	2/1/2015 4:36	61.0	3/1/2015 5:41	51.0	4/1/2015 6:46	62.3	5/1/2015 23:51	61.6
31/12/2014 2:31	61.1	1/1/2015 3:36	62.5	2/1/2015 4:41	62.7	3/1/2015 5:46	55.7	4/1/2015 6:51	60.4	5/1/2015 23:56	62.2
31/12/2014 2:36	56.5	1/1/2015 3:41	60.5	2/1/2015 4:46	62.1	3/1/2015 5:51	54.2	4/1/2015 6:56	63.7	6/1/2015 0:01	60.2
31/12/2014 2:41	47.2	1/1/2015 3:46	71.6	2/1/2015 4:51	62.0	3/1/2015 5:56	53.9	4/1/2015 23:01	63.5	6/1/2015 0:06	62.3
31/12/2014 2:46	62.9	1/1/2015 3:51	61.6	2/1/2015 4:56	61.3	3/1/2015 6:01	56.7	4/1/2015 23:06	64.3	6/1/2015 0:11	60.5
31/12/2014 2:51	62.9	1/1/2015 3:56	63.9	2/1/2015 5:01	62.5	3/1/2015 6:06	56.2	4/1/2015 23:11	63.9	6/1/2015 0:16	61.0
31/12/2014 2:56	55.6	1/1/2015 4:01	62.0	2/1/2015 5:06	50.0	3/1/2015 6:11	57.0	4/1/2015 23:16	64.0	6/1/2015 0:21	61.7
31/12/2014 3:01	62.9	1/1/2015 4:06	69.1	2/1/2015 5:11	62.1	3/1/2015 6:16	60.9	4/1/2015 23:21	63.2	6/1/2015 0:26	61.1
31/12/2014 3:06	62.2	1/1/2015 4:11	60.6	2/1/2015 5:16	62.9	3/1/2015 6:21	60.2	4/1/2015 23:26	63.8	6/1/2015 0:31	59.4
31/12/2014 3:11	62.9	1/1/2015 4:16	60.8	2/1/2015 5:21	62.4	3/1/2015 6:26	58.7	4/1/2015 23:31	63.4	6/1/2015 0:36	57.7
31/12/2014 3:16	55.3	1/1/2015 4:21	62.3	2/1/2015 5:26	61.7	3/1/2015 6:31	59.7	4/1/2015 23:36	63.4	6/1/2015 0:41	59.2
31/12/2014 3:21	63.0	1/1/2015 4:26	62.0	2/1/2015 5:31	50.3	3/1/2015 6:36	61.8	4/1/2015 23:41	63.0	6/1/2015 0:46	59.1
31/12/2014 3:26	61.9	1/1/2015 4:31	59.8	2/1/2015 5:36	62.8	3/1/2015 6:41	61.7	4/1/2015 23:46	63.2	6/1/2015 0:51	56.0
31/12/2014 3:31	62.4	1/1/2015 4:36	64.0	2/1/2015 5:41	51.8	3/1/2015 6:46	62.3	4/1/2015 23:51	64.5	6/1/2015 0:56	54.6
31/12/2014 3:36	62.6	1/1/2015 4:41	60.0	2/1/2015 5:46	48.6	3/1/2015 6:51	62.7	4/1/2015 23:56	63.7	6/1/2015 1:01	57.4
31/12/2014 3:41	54.3	1/1/2015 4:46	60.2	2/1/2015 5:51	55.9	3/1/2015 6:56	65.1	5/1/2015 0:01	63.6	6/1/2015 1:06	57.1
31/12/2014 3:46	62.1	1/1/2015 4:51	60.3	2/1/2015 5:56	53.4	3/1/2015 23:01	65.6	5/1/2015 0:06	63.7	6/1/2015 1:11	63.0
31/12/2014 3:51	62.9	1/1/2015 4:56	60.3	2/1/2015 6:01	39.7	3/1/2015 23:06	64.3	5/1/2015 0:11	62.8	6/1/2015 1:16	62.8
31/12/2014 3:56	62.5	1/1/2015 5:01	60.6	2/1/2015 6:06	55.7	3/1/2015 23:11	65.2	5/1/2015 0:16	62.7	6/1/2015 1:21	50.8
31/12/2014 4:01	61.5	1/1/2015 5:06	59.3	2/1/2015 6:11	54.9	3/1/2015 23:16	65.3	5/1/2015 0:21	62.4	6/1/2015 1:26	47.9
31/12/2014 4:06	61.7	1/1/2015 5:11	60.6	2/1/2015 6:16	62.4	3/1/2015 23:21	65.3	5/1/2015 0:26	57.1	6/1/2015 1:31	42.8
31/12/2014 4:11	62.1	1/1/2015 5:16	60.8	2/1/2015 6:21	60.9	3/1/2015 23:26	64.7	5/1/2015 0:31	60.0	6/1/2015 1:36	62.6
31/12/2014 4:16	62.2	1/1/2015 5:21	59.4	2/1/2015 6:26	60.3	3/1/2015 23:31	65.4	5/1/2015 0:36	58.2	6/1/2015 1:41	61.9
31/12/2014 4:21	61.5	1/1/2015 5:26	60.9	2/1/2015 6:31	61.7	3/1/2015 23:36	65.7	5/1/2015 0:41	60.9	6/1/2015 1:46	62.0
31/12/2014 4:26	62.4	1/1/2015 5:31	59.3	2/1/2015 6:36	63.4	3/1/2015 23:41	64.8	5/1/2015 0:46	60.0	6/1/2015 1:51	62.6
31/12/2014 4:31	62.4	1/1/2015 5:36	61.0	2/1/2015 6:41	63.5	3/1/2015 23:46	64.7	5/1/2015 0:51	60.8	6/1/2015 1:56	61.8
31/12/2014 4:36	62.1	1/1/2015 5:41	59.6	2/1/2015 6:46	64.3	3/1/2015 23:51	64.8	5/1/2015 0:56	60.3	6/1/2015 2:01	62.4
31/12/2014 4:41	62.8	1/1/2015 5:46	60.7	2/1/2015 6:51	65.4	3/1/2015 23:56	64.8	5/1/2015 1:01	55.9	6/1/2015 2:06	61.7
31/12/2014 4:46	61.3	1/1/2015 5:51	60.2	2/1/2015 6:56	65.5	4/1/2015 0:01	64.9	5/1/2015 1:06	63.4	6/1/2015 2:11	61.8
31/12/2014 4:51	62.7	1/1/2015 5:56	58.8	2/1/2015 23:01	65.3	4/1/2015 0:06	64.2	5/1/2015 1:11	36.7	6/1/2015 2:16	62.1
31/12/2014 4:56	62.2	1/1/2015 6:01	61.1	2/1/2015 23:06	65.4	4/1/2015 0:11	64.9	5/1/2015 1:16	55.2	6/1/2015 2:21	62.5
31/12/2014 5:01	62.7	1/1/2015 6:06	61.6	2/1/2015 23:11	65.1	4/1/2015 0:16	63.4	5/1/2015 1:21	63.1	6/1/2015 2:26	61.8
31/12/2014 5:06	62.3	1/1/2015 6:11	61.1	2/1/2015 23:16	65.2	4/1/2015 0:21	62.8	5/1/2015 1:26	62.3	6/1/2015 2:31	61.0
31/12/2014 5:11	62.6	1/1/2015 6:16	61.4	2/1/2015 23:21	68.6	4/1/2015 0:26	62.5	5/1/2015 1:31	62.7	6/1/2015 2:36	61.1
31/12/2014 5:16	61.9	1/1/2015 6:21	60.0	2/1/2015 23:26	64.3	4/1/2015 0:31	64.0	5/1/2015 1:36	57.7	6/1/2015 2:41	61.1
31/12/2014 5:21	62.2	1/1/2015 6:26	61.5	2/1/2015 23:31	63.8	4/1/2015 0:36	63.3	5/1/2015 1:41	58.3	6/1/2015 2:46	60.9
31/12/2014 5:26	57.2	1/1/2015 6:31	61.2	2/1/2015 23:36	63.0	4/1/2015 0:41	63.7	5/1/2015 1:46	36.7	6/1/2015 2:51	61.4
31/12/2014 5:31	52.2	1/1/2015 6:36	60.9	2/1/2015 23:41	63.5	4/1/2015 0:46	62.1	5/1/2015 1:51	61.3	6/1/2015 2:56	61.0
31/12/2014 5:36	61.8	1/1/2015 6:41	63.3	2/1/2015 23:46	63.3	4/1/2015 0:51	61.9	5/1/2015 1:56	61.7	6/1/2015 3:01	60.6
31/12/2014 5:41	53.4	1/1/2015 6:46	63.5	2/1/2015 23:51	63.5	4/1/2015 0:56	62.5	5/1/2015 2:01	63.0	6/1/2015 3:06	61.6
31/12/2014 5:46	56.6	1/1/2015 6:51	65.4	2/1/2015 23:56	63.9	4/1/2015 1:01	61.7	5/1/2015 2:06	61.8	6/1/2015 3:11	61.0
31/12/2014 5:51	53.6	1/1/2015 6:56	66.5	3/1/2015 0:01	63.8	4/1/2015 1:06	61.7	5/1/2015 2:11	55.0	6/1/2015 3:16	61.5
31/12/2014 5:56	58.9	1/1/2015 23:01	64.7	3/1/2015 0:06	64.3	4/1/2015 1:11	62.5	5/1/2015 2:16	60.4	6/1/2015 3:21	61.4
31/12/2014 6:01	56.4	1/1/2015 23:06	64.8	3/1/2015 0:11	63.5	4/1/2015 1:16	61.4	5/1/2015 2:21	61.7	6/1/2015 3:26	62.4
31/12/2014 6:06	59.6	1/1/2015 23:11	65.2	3/1/2015 0:16	64.6	4/1/2015 1:21	60.5	5/1/2015 2:26	60.6	6/1/2015 3:31	60.2
31/12/2014 6:11	60.1	1/1/2015 23:16	64.8	3/1/2015 0:21	63.9	4/1/2015 1:26	59.3	5/1/2015 2:31	60.4	6/1/2015 3:36	62.1
31/12/2014 6:16	60.6	1/1/2015 23:21	64.4	3/1/2015 0:26	63.5	4/1/2015 1:31	61.9	5/1/2015 2:36	61.6	6/1/2015 3:41	61.1
31/12/2014 6:21	59.5	1/1/2015 23:26	64.4	3/1/2015 0:31	62.8	4/1/2015 1:36	62.9	5/1/2015 2:41	60.8	6/1/2015 3:46	60.9
31/12/2014 6:26	61.1	1/1/2015 23:31	64.3	3/1/2015 0:36	62.1	4/1/2015 1:41	52.6	5/1/2015 2:46	60.9	6/1/2015 3:51	62.2
31/12/2014 6:31	61.8	1/1/2015 23:36	64.6	3/1/2015 0:41	63.8	4/1/2015 1:46	65.0	5/1/2015 2:51	61.0	6/1/2015 3:56	60.2
31/12/2014 6:36	63.1	1/1/2015 23:41	63.8	3/1/2015 0:46	63.0	4/1/2015 1:51	59.4	5/1/2015 2:56	59.6	6/1/2015 4:01	59.3
31/12/2014 6:41	63.8	1/1/2015 23:46	65.4	3/1/2015 0:51	62.5	4/1/2015 1:56	61.2	5/1/2015 3:01	61.5	6/1/2015 4:06	60.2
31/12/2014 6:46	64.5	1/1/2015 23:51	65.3	3/1/2015 0:56	61.4	4/1/2015 2:01	64.4	5/1/2015 3:06	61.2	6/1/2015 4:11	61.5
31/12/2014 6:51	65.2	1/1/2015 23:56	64.0	3/1/2015 1:01	60.8	4/1/2015 2:06	59.1	5/1/2015 3:11	60.4	6/1/2015 4:16	60.3
31/12/2014 6:56	65.0	2/1/2015 0:01	64.0	3/1/2015 1:06	61.2	4/1/2015 2:11	56.2	5/1/2015 3:16	59.8	6/1/2015 4:21	61.2
31/12/2014 23:01	65.4	2/1/2015 0:06	64.0	3/1/2015 1:11	60.1	4/1/2015 2:16	56.4	5/1/2015 3:21	59.1	6/1/2015 4:26	59.9
31/12/2014 23:06	64.3	2/1/2015 0:11	64.2	3/1/2015 1:16	59.7	4/1/2015 2:21	59.5	5/1/2015 3:26	61.2	6/1/2015 4:31	60.7
31/12/2014 23:11	65.3	2/1/2015 0:16	62.8	3/1/2015 1:21	58.7	4/1/2015 2:26	57.7	5/1/2015 3:31	61.3	6/1/2015 4:36	59.3
31/12/2014 23:16	67.8	2/1/2015 0:21	64.2	3/1/2015 1:26	63.9	4/1/2015 2:31	59.9	5/1/2015 3:36	61.1	6/1/2015 4:41	61.1
31/12/2014 23:21	64.9	2/1/2015 0:26	62.6	3/1/2015 1:31	59.6	4/1/2015 2:36	59.6	5/1/2015 3:41	59.7	6/1/2015 4:46	61.5
31/12/2014 23:26	66.4	2/1/2015 0:31	60.7	3/1/2015 1:36	61.0	4/1/2015 2:41	59.2	5/1/2015 3:46	60.9	6/1/2015 4:51	62.2
31/12/2014 23:31	65.4	2/1/2015 0:36	62.2	3/1/2015 1:41	60.9	4/1/2015 2:46	55.4	5/1/2015 3:51	61.0	6/1/2015 4:56	61.0
31/12/2014 23:36	65.4	2/1/2015 0:41	61.7	3/1/2015 1:46	58.7	4/1/2015 2:51	56.2	5/1/2015 3:56	59.3	6/1/2015 5:01	62.0
31/12/2014 23:41	65.3	2/1/2015 0:46	63.1	3/1/2015 1:51	60.5	4/1/2015 2:56	63.4	5/1/2015 4:01	60.1	6/	

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

27/1/2015 3:41	61.8
27/1/2015 3:46	60.7
27/1/2015 3:51	61.6
27/1/2015 3:56	60.3
27/1/2015 4:01	61.2
27/1/2015 4:06	61.1
27/1/2015 4:11	60.3
27/1/2015 4:16	60.6
27/1/2015 4:21	61.9
27/1/2015 4:26	59.5
27/1/2015 4:31	60.0
27/1/2015 4:36	61.3
27/1/2015 4:41	60.6
27/1/2015 4:46	61.6
27/1/2015 4:51	60.7
27/1/2015 4:56	62.0
27/1/2015 5:01	60.8
27/1/2015 5:06	62.2
27/1/2015 5:11	61.6
27/1/2015 5:16	61.7
27/1/2015 5:21	62.7
27/1/2015 5:26	62.2
27/1/2015 5:31	62.0
27/1/2015 5:36	62.6
27/1/2015 5:41	62.0
27/1/2015 5:46	55.0
27/1/2015 5:51	58.8
27/1/2015 5:56	56.8
27/1/2015 6:01	54.5
27/1/2015 6:06	56.4
27/1/2015 6:11	62.0
27/1/2015 6:16	60.6
27/1/2015 6:21	62.7
27/1/2015 6:26	64.5
27/1/2015 6:31	64.2
27/1/2015 6:36	63.9
27/1/2015 6:41	64.5
27/1/2015 6:46	65.5
27/1/2015 6:51	65.5
27/1/2015 6:56	66.8
27/1/2015 23:01	65.0
27/1/2015 23:06	65.0
27/1/2015 23:11	64.5
27/1/2015 23:16	64.5
27/1/2015 23:21	64.9
27/1/2015 23:26	64.5
27/1/2015 23:31	65.0
27/1/2015 23:36	63.8
27/1/2015 23:41	63.6
27/1/2015 23:46	64.1
27/1/2015 23:51	63.5
27/1/2015 23:56	63.1

Real-time Noise Data

RTN4 (Causeway Bay Community Centre)

Table with multiple columns and rows of noise data, including time-stamped values and locations for Causeway Bay Community Centre. Each row contains a date-time string followed by numerical noise levels across several columns.

Real-time Noise Data		RTN4 (Causeway Bay Community Centre)									
13/1/2015 19:56	51.8	15/1/2015 21:01	61.0	17/1/2015 22:06	60.1	18/1/2015 15:11	59.4	19/1/2015 20:16	61.1	21/1/2015 21:21	59.8
13/1/2015 20:01	50.6	15/1/2015 21:06	59.3	17/1/2015 22:11	59.1	18/1/2015 15:16	60.3	19/1/2015 20:21	60.6	21/1/2015 21:26	60.4
13/1/2015 20:06	59.0	15/1/2015 21:11	60.8	17/1/2015 22:16	59.8	18/1/2015 15:21	60.7	19/1/2015 20:26	61.1	21/1/2015 21:31	58.5
13/1/2015 20:11	54.6	15/1/2015 21:16	60.9	17/1/2015 22:21	58.9	18/1/2015 15:26	59.4	19/1/2015 20:31	60.8	21/1/2015 21:36	59.3
13/1/2015 20:16	51.4	15/1/2015 21:21	60.7	17/1/2015 22:26	58.4	18/1/2015 15:31	60.0	19/1/2015 20:36	61.6	21/1/2015 21:41	60.2
13/1/2015 20:21	63.6	15/1/2015 21:26	59.5	17/1/2015 22:31	60.6	18/1/2015 15:36	60.0	19/1/2015 20:41	59.0	21/1/2015 21:46	60.0
13/1/2015 20:26	63.1	15/1/2015 21:31	59.7	17/1/2015 22:36	59.7	18/1/2015 15:41	60.4	19/1/2015 20:46	58.7	21/1/2015 21:51	58.9
13/1/2015 20:31	53.2	15/1/2015 21:36	61.1	17/1/2015 22:41	60.4	18/1/2015 15:46	59.6	19/1/2015 20:51	59.1	21/1/2015 21:56	60.1
13/1/2015 20:36	63.6	15/1/2015 21:41	59.1	17/1/2015 22:46	59.1	18/1/2015 15:51	60.4	19/1/2015 20:56	59.7	21/1/2015 22:01	59.4
13/1/2015 20:41	63.4	15/1/2015 21:46	60.9	17/1/2015 22:51	58.5	18/1/2015 15:56	60.6	19/1/2015 21:01	59.0	21/1/2015 22:06	60.8
13/1/2015 20:46	62.9	15/1/2015 21:51	60.6	17/1/2015 22:56	59.2	18/1/2015 16:01	60.6	19/1/2015 21:06	58.5	21/1/2015 22:11	59.5
13/1/2015 20:51	63.2	15/1/2015 21:56	58.8	18/1/2015 7:01	60.7	18/1/2015 16:06	60.6	19/1/2015 21:11	58.7	21/1/2015 22:16	60.1
13/1/2015 20:56	62.7	15/1/2015 22:01	59.5	18/1/2015 7:06	48.8	18/1/2015 16:11	61.0	19/1/2015 21:16	59.5	21/1/2015 22:21	59.1
13/1/2015 21:01	63.2	15/1/2015 22:06	60.1	18/1/2015 7:11	60.5	18/1/2015 16:16	60.8	19/1/2015 21:21	58.7	21/1/2015 22:26	58.8
13/1/2015 21:06	62.9	15/1/2015 22:11	60.8	18/1/2015 7:16	43.9	18/1/2015 16:21	61.3	19/1/2015 21:26	58.8	21/1/2015 22:31	59.2
13/1/2015 21:11	62.5	15/1/2015 22:16	61.0	18/1/2015 7:21	48.1	18/1/2015 16:26	60.6	19/1/2015 21:31	58.0	21/1/2015 22:36	59.0
13/1/2015 21:16	62.8	15/1/2015 22:21	60.8	18/1/2015 7:26	63.4	18/1/2015 16:31	60.8	19/1/2015 21:36	58.4	21/1/2015 22:41	59.4
13/1/2015 21:21	63.3	15/1/2015 22:26	60.3	18/1/2015 7:31	60.7	18/1/2015 16:36	61.1	19/1/2015 21:41	58.2	21/1/2015 22:46	57.7
13/1/2015 21:26	63.4	15/1/2015 22:31	59.4	18/1/2015 7:36	53.8	18/1/2015 16:41	59.3	19/1/2015 21:46	59.8	21/1/2015 22:51	60.0
13/1/2015 21:31	62.9	15/1/2015 22:36	60.3	18/1/2015 7:41	60.7	18/1/2015 16:46	60.6	19/1/2015 21:51	60.1	21/1/2015 22:56	59.6
13/1/2015 21:36	63.2	15/1/2015 22:41	61.3	18/1/2015 7:46	54.8	18/1/2015 16:51	60.6	19/1/2015 21:56	58.3	22/1/2015 19:01	63.1
13/1/2015 21:41	63.0	15/1/2015 22:46	60.0	18/1/2015 7:51	55.7	18/1/2015 16:56	60.4	19/1/2015 22:01	59.1	22/1/2015 19:06	61.8
13/1/2015 21:46	63.2	15/1/2015 22:51	60.0	18/1/2015 7:56	53.1	18/1/2015 17:01	60.7	19/1/2015 22:06	59.4	22/1/2015 19:11	61.2
13/1/2015 21:51	63.4	15/1/2015 22:56	60.0	18/1/2015 8:01	55.3	18/1/2015 17:06	60.8	19/1/2015 22:11	59.1	22/1/2015 19:16	60.9
13/1/2015 21:56	63.7	16/1/2015 19:01	62.0	18/1/2015 8:06	54.2	18/1/2015 17:11	60.5	19/1/2015 22:16	59.4	22/1/2015 19:21	61.8
13/1/2015 22:01	63.4	16/1/2015 19:06	62.0	18/1/2015 8:11	59.5	18/1/2015 17:16	60.2	19/1/2015 22:21	60.2	22/1/2015 19:26	61.1
13/1/2015 22:06	63.3	16/1/2015 19:11	62.3	18/1/2015 8:16	55.9	18/1/2015 17:21	60.8	19/1/2015 22:26	59.6	22/1/2015 19:31	61.3
13/1/2015 22:11	63.3	16/1/2015 19:16	62.6	18/1/2015 8:21	54.6	18/1/2015 17:26	59.7	19/1/2015 22:31	57.9	22/1/2015 19:36	60.9
13/1/2015 22:16	63.2	16/1/2015 19:21	62.5	18/1/2015 8:26	57.6	18/1/2015 17:31	60.5	19/1/2015 22:36	58.9	22/1/2015 19:41	60.4
13/1/2015 22:21	48.5	16/1/2015 19:26	62.4	18/1/2015 8:31	56.5	18/1/2015 17:36	61.3	19/1/2015 22:41	58.4	22/1/2015 19:46	59.9
13/1/2015 22:26	63.1	16/1/2015 19:31	62.2	18/1/2015 8:36	50.7	18/1/2015 17:41	58.9	19/1/2015 22:46	59.2	22/1/2015 19:51	59.7
13/1/2015 22:31	63.5	16/1/2015 19:36	62.8	18/1/2015 8:41	56.8	18/1/2015 17:46	55.7	19/1/2015 22:51	57.7	22/1/2015 19:56	60.6
13/1/2015 22:36	63.2	16/1/2015 19:41	62.1	18/1/2015 8:46	53.6	18/1/2015 17:51	60.3	19/1/2015 22:56	57.1	22/1/2015 20:01	60.1
13/1/2015 22:41	62.9	16/1/2015 19:46	62.5	18/1/2015 8:51	58.2	18/1/2015 17:56	60.5	20/1/2015 19:01	61.4	22/1/2015 20:06	59.7
13/1/2015 22:46	63.2	16/1/2015 19:51	62.3	18/1/2015 8:56	54.5	18/1/2015 18:01	59.5	20/1/2015 19:06	61.6	22/1/2015 20:11	60.9
13/1/2015 22:51	63.2	16/1/2015 19:56	61.4	18/1/2015 9:01	44.4	18/1/2015 18:06	59.6	20/1/2015 19:11	60.5	22/1/2015 20:16	60.7
13/1/2015 22:56	63.3	16/1/2015 20:01	61.7	18/1/2015 9:06	59.4	18/1/2015 18:11	60.0	20/1/2015 19:16	60.4	22/1/2015 20:21	60.6
14/1/2015 19:01	60.6	16/1/2015 20:06	61.0	18/1/2015 9:11	52.1	18/1/2015 18:16	60.1	20/1/2015 19:21	60.2	22/1/2015 20:26	59.9
14/1/2015 19:06	63.5	16/1/2015 20:11	61.4	18/1/2015 9:16	55.5	18/1/2015 18:21	59.3	20/1/2015 19:26	62.7	22/1/2015 20:31	59.4
14/1/2015 19:11	55.3	16/1/2015 20:16	61.1	18/1/2015 9:21	58.7	18/1/2015 18:26	60.0	20/1/2015 19:31	60.7	22/1/2015 20:36	60.1
14/1/2015 19:16	37.3	16/1/2015 20:21	61.1	18/1/2015 9:26	57.9	18/1/2015 18:31	59.9	20/1/2015 19:36	60.2	22/1/2015 20:41	60.9
14/1/2015 19:21	54.0	16/1/2015 20:26	61.7	18/1/2015 9:31	56.6	18/1/2015 18:36	60.9	20/1/2015 19:41	61.3	22/1/2015 20:46	59.3
14/1/2015 19:26	53.8	16/1/2015 20:31	60.5	18/1/2015 9:36	55.9	18/1/2015 18:41	60.2	20/1/2015 19:46	60.5	22/1/2015 20:51	58.2
14/1/2015 19:31	63.4	16/1/2015 20:36	60.6	18/1/2015 9:41	56.0	18/1/2015 18:46	60.3	20/1/2015 19:51	61.0	22/1/2015 20:56	58.3
14/1/2015 19:36	63.4	16/1/2015 20:41	60.6	18/1/2015 9:46	57.9	18/1/2015 18:51	59.6	20/1/2015 19:56	60.3	22/1/2015 21:01	56.9
14/1/2015 19:41	63.7	16/1/2015 20:46	61.0	18/1/2015 9:51	55.0	18/1/2015 18:56	59.5	20/1/2015 20:01	62.1	22/1/2015 21:06	59.2
14/1/2015 19:46	63.0	16/1/2015 20:51	60.7	18/1/2015 9:56	50.9	18/1/2015 19:01	58.6	20/1/2015 20:06	60.5	22/1/2015 21:11	60.1
14/1/2015 19:51	51.4	16/1/2015 20:56	60.1	18/1/2015 10:01	52.2	18/1/2015 19:06	60.6	20/1/2015 20:11	60.3	22/1/2015 21:16	58.9
14/1/2015 19:56	42.1	16/1/2015 21:01	59.7	18/1/2015 10:06	56.0	18/1/2015 19:11	59.2	20/1/2015 20:16	59.8	22/1/2015 21:21	59.6
14/1/2015 20:01	63.1	16/1/2015 21:06	59.2	18/1/2015 10:11	53.6	18/1/2015 19:16	60.0	20/1/2015 20:21	62.2	22/1/2015 21:26	60.5
14/1/2015 20:06	62.7	16/1/2015 21:11	59.7	18/1/2015 10:16	54.9	18/1/2015 19:21	60.3	20/1/2015 20:26	60.6	22/1/2015 21:31	58.7
14/1/2015 20:11	63.1	16/1/2015 21:16	60.0	18/1/2015 10:21	49.9	18/1/2015 19:26	59.3	20/1/2015 20:31	59.9	22/1/2015 21:36	59.2
14/1/2015 20:16	62.8	16/1/2015 21:21	60.4	18/1/2015 10:26	53.5	18/1/2015 19:31	60.0	20/1/2015 20:36	59.9	22/1/2015 21:41	59.7
14/1/2015 20:21	62.6	16/1/2015 21:26	59.9	18/1/2015 10:31	54.8	18/1/2015 19:36	59.9	20/1/2015 20:41	60.5	22/1/2015 21:46	60.6
14/1/2015 20:26	62.5	16/1/2015 21:31	60.3	18/1/2015 10:36	55.5	18/1/2015 19:41	61.2	20/1/2015 20:46	59.4	22/1/2015 21:51	58.9
14/1/2015 20:31	62.8	16/1/2015 21:36	61.2	18/1/2015 10:41	58.4	18/1/2015 19:46	58.8	20/1/2015 20:51	60.3	22/1/2015 21:56	58.9
14/1/2015 20:36	63.1	16/1/2015 21:41	59.3	18/1/2015 10:46	48.4	18/1/2015 19:51	59.6	20/1/2015 20:56	61.0	22/1/2015 22:01	59.0
14/1/2015 20:41	62.8	16/1/2015 21:46	60.1	18/1/2015 10:51	55.7	18/1/2015 19:56	57.4	20/1/2015 21:01	58.2	22/1/2015 22:06	60.1
14/1/2015 20:46	62.4	16/1/2015 21:51	59.7	18/1/2015 10:56	56.4	18/1/2015 20:01	57.7	20/1/2015 21:06	59.2	22/1/2015 22:11	59.2
14/1/2015 20:51	62.4	16/1/2015 21:56	60.3	18/1/2015 11:01	58.7	18/1/2015 20:06	59.1	20/1/2015 21:11	59.4	22/1/2015 22:16	60.5
14/1/2015 20:56	62.8	16/1/2015 22:01	62.5	18/1/2015 11:06	52.9	18/1/2015 20:11	59.5	20/1/2015 21:16	59.4	22/1/2015 22:21	59.7
14/1/2015 21:01	62.8	16/1/2015 22:06	60.5	18/1/2015 11:11	53.2	18/1/2015 20:16	58.4	20/1/2015 21:21	61.9	22/1/2015 22:26	58.6
14/1/2015 21:06	63.4	16/1/2015 22:11	61.4	18/1/2015 11:16	57.9	18/1/2015 20:21	57.4	20/1/2015 21:26	60.8	22/1/2015 22:31	59.0
14/1/2015 21:11	62.5	16/1/2015 22:16	60.2	18/1/2015 11:21	57.9	18/1/2015 20:26	57.5	20/1/2015 21:31	60.2	22/1/2015 22:36	58.5
14/1/2015 21:16	62.0	16/1/2015 22:21	58.6	18/1/2015 11:26	56.9	18/1/2015 20:31	57.7	20/1/2015 21:36	59.6	22/1/2015 22:41	61.2
14/1/2015 21:21	62.3	16/1/2015 22:26	60.4	18/1/2015 11:31	56.8	18/1/2015 20:36	58.5	20/1/2015 21:41	60.5	22/1/2015 22:46	59.2
14/1/2015 21:26	62.8	16/1/2015 22:31	60.4	18/1/2015 11:36	54.6	18/1/2015 20:41	57.3	20/1/2015 21:46	58.5	22/1/2015 22:51	59.3
14/1/2015 21:31	62.8	16/1/2015 22:36	60.5	18/1/2015 11:41	55.0	18/1/2015 20:46	56.0	20/1/2015 21:51	60.4	22/1/2015 22:56	58.6
14/1/2015 21:36	62.5	16/1/2015 22:41	60.7	18/1/2015 11:46	55.3	18/1/2015 20:51	57.6	20/1/2015 21:56	58.7	23/1/2015 19:01</	

Real-time Noise Data	RTN4 (Causeway Bay Community Centre)	
23/1/2015 22:26	57.4	25/1/2015 11:31 62.7
23/1/2015 22:31	60.0	25/1/2015 11:36 61.3
23/1/2015 22:36	59.4	25/1/2015 11:41 63.4
23/1/2015 22:41	53.2	25/1/2015 11:46 64.3
23/1/2015 22:46	57.5	25/1/2015 11:51 52.2
23/1/2015 22:51	58.7	25/1/2015 11:56 63.4
23/1/2015 22:56	56.2	25/1/2015 12:01 56.1
24/1/2015 19:01	56.5	25/1/2015 12:06 60.3
24/1/2015 19:06	63.5	25/1/2015 12:11 59.4
24/1/2015 19:11	54.3	25/1/2015 12:16 62.9
24/1/2015 19:16	57.7	25/1/2015 12:21 61.7
24/1/2015 19:21	60.0	25/1/2015 12:26 62.5
24/1/2015 19:26	61.2	25/1/2015 12:31 62.3
24/1/2015 19:31	58.4	25/1/2015 12:36 62.0
24/1/2015 19:36	58.3	25/1/2015 12:41 62.2
24/1/2015 19:41	58.3	25/1/2015 12:46 61.7
24/1/2015 19:46	56.1	25/1/2015 12:51 63.4
24/1/2015 19:51	60.7	25/1/2015 12:56 62.7
24/1/2015 19:56	58.6	25/1/2015 13:01 59.0
24/1/2015 20:01	56.3	25/1/2015 13:06 60.1
24/1/2015 20:06	58.1	25/1/2015 13:11 58.4
24/1/2015 20:11	57.8	25/1/2015 13:16 61.7
24/1/2015 20:16	59.4	25/1/2015 13:21 62.5
24/1/2015 20:21	58.3	25/1/2015 13:26 62.7
24/1/2015 20:26	55.4	25/1/2015 13:31 61.5
24/1/2015 20:31	56.1	25/1/2015 13:36 62.9
24/1/2015 20:36	56.6	25/1/2015 13:41 62.5
24/1/2015 20:41	57.3	25/1/2015 13:46 61.5
24/1/2015 20:46	57.5	25/1/2015 13:51 62.8
24/1/2015 20:51	56.9	25/1/2015 13:56 60.6
24/1/2015 20:56	57.3	25/1/2015 14:01 62.6
24/1/2015 21:01	61.8	25/1/2015 14:06 61.0
24/1/2015 21:06	58.7	25/1/2015 14:11 62.6
24/1/2015 21:11	56.9	25/1/2015 14:16 62.3
24/1/2015 21:16	54.1	25/1/2015 14:21 65.0
24/1/2015 21:21	58.1	25/1/2015 14:26 60.8
24/1/2015 21:26	56.6	25/1/2015 14:31 61.0
24/1/2015 21:31	55.3	25/1/2015 14:36 62.9
24/1/2015 21:36	54.0	25/1/2015 14:41 62.9
24/1/2015 21:41	57.0	25/1/2015 14:46 62.4
24/1/2015 21:46	59.7	25/1/2015 14:51 62.6
24/1/2015 21:51	58.3	25/1/2015 14:56 62.1
24/1/2015 21:56	58.7	25/1/2015 15:01 62.6
24/1/2015 22:01	54.5	25/1/2015 15:06 61.8
24/1/2015 22:06	60.6	25/1/2015 15:11 60.6
24/1/2015 22:11	58.8	25/1/2015 15:16 61.4
24/1/2015 22:16	58.2	25/1/2015 15:21 61.6
24/1/2015 22:21	54.4	25/1/2015 15:26 61.2
24/1/2015 22:26	57.6	25/1/2015 15:31 61.5
24/1/2015 22:31	57.9	25/1/2015 15:36 61.7
24/1/2015 22:36	56.4	25/1/2015 15:41 62.3
24/1/2015 22:41	59.7	25/1/2015 15:46 59.5
24/1/2015 22:46	54.7	25/1/2015 15:51 63.6
24/1/2015 22:51	53.9	25/1/2015 15:56 62.1
24/1/2015 22:56	59.2	25/1/2015 16:01 61.5
25/1/2015 7:01	58.8	25/1/2015 16:06 61.2
25/1/2015 7:06	59.7	25/1/2015 16:11 60.6
25/1/2015 7:11	57.2	25/1/2015 16:16 60.7
25/1/2015 7:16	54.4	25/1/2015 16:21 62.9
25/1/2015 7:21	53.5	25/1/2015 16:26 60.4
25/1/2015 7:26	53.1	25/1/2015 16:31 61.6
25/1/2015 7:31	53.6	25/1/2015 16:36 62.0
25/1/2015 7:36	52.7	25/1/2015 16:41 61.5
25/1/2015 7:41	51.9	25/1/2015 16:46 60.6
25/1/2015 7:46	53.3	25/1/2015 16:51 60.9
25/1/2015 7:51	53.4	25/1/2015 16:56 61.0
25/1/2015 7:56	55.1	25/1/2015 17:01 59.3
25/1/2015 8:01	55.9	25/1/2015 17:06 61.3
25/1/2015 8:06	54.6	25/1/2015 17:11 59.8
25/1/2015 8:11	53.5	25/1/2015 17:16 60.9
25/1/2015 8:16	51.0	25/1/2015 17:21 61.5
25/1/2015 8:21	51.5	25/1/2015 17:26 60.4
25/1/2015 8:26	50.9	25/1/2015 17:31 60.6
25/1/2015 8:31	49.0	25/1/2015 17:36 60.9
25/1/2015 8:36	55.4	25/1/2015 17:41 61.7
25/1/2015 8:41	53.1	25/1/2015 17:46 61.7
25/1/2015 8:46	52.2	25/1/2015 17:51 61.6
25/1/2015 8:51	53.5	25/1/2015 17:56 62.1
25/1/2015 8:56	54.3	25/1/2015 18:01 62.2
25/1/2015 9:01	54.2	25/1/2015 18:06 58.9
25/1/2015 9:06	54.7	25/1/2015 18:11 61.5
25/1/2015 9:11	54.9	25/1/2015 18:16 59.2
25/1/2015 9:16	52.0	25/1/2015 18:21 55.2
25/1/2015 9:21	52.2	25/1/2015 18:26 53.4
25/1/2015 9:26	52.6	25/1/2015 18:31 57.7
25/1/2015 9:31	51.8	25/1/2015 18:36 51.8
25/1/2015 9:36	50.2	25/1/2015 18:41 63.3
25/1/2015 9:41	53.0	25/1/2015 18:46 49.4
25/1/2015 9:46	50.8	25/1/2015 18:51 62.9
25/1/2015 9:51	53.1	25/1/2015 18:56 63.7
25/1/2015 9:56	51.2	25/1/2015 19:01 60.7
25/1/2015 10:01	52.0	25/1/2015 19:06 60.4
25/1/2015 10:06	53.9	25/1/2015 19:11 60.4
25/1/2015 10:11	53.5	25/1/2015 19:16 60.5
25/1/2015 10:16	52.7	25/1/2015 19:21 59.5
25/1/2015 10:21	52.2	25/1/2015 19:26 61.9
25/1/2015 10:26	52.4	25/1/2015 19:31 60.4
25/1/2015 10:31	52.4	25/1/2015 19:36 58.5
25/1/2015 10:36	51.3	25/1/2015 19:41 56.8
25/1/2015 10:41	52.3	25/1/2015 19:46 60.7
25/1/2015 10:46	50.6	25/1/2015 19:51 54.7
25/1/2015 10:51	50.7	25/1/2015 19:56 61.8
25/1/2015 10:56	51.0	25/1/2015 20:01 59.9
25/1/2015 11:01	56.0	25/1/2015 20:06 58.6
25/1/2015 11:06	58.2	25/1/2015 20:11 59.0
25/1/2015 11:11	57.7	25/1/2015 20:16 58.6
25/1/2015 11:16	60.6	25/1/2015 20:21 58.7
25/1/2015 11:21	59.2	25/1/2015 20:26 57.0
25/1/2015 11:26	56.1	25/1/2015 20:31 59.6
27/1/2015 21:41	59.2	27/1/2015 20:36 60.0
27/1/2015 21:46	58.8	27/1/2015 20:41 61.5
27/1/2015 21:51	55.4	27/1/2015 20:46 56.7
27/1/2015 21:56	58.4	27/1/2015 20:51 58.7
27/1/2015 22:01	59.4	27/1/2015 20:56 59.9
27/1/2015 22:06	58.6	27/1/2015 21:01 57.3
27/1/2015 22:11	59.8	27/1/2015 21:06 57.8
27/1/2015 22:16	60.1	27/1/2015 21:11 59.1
27/1/2015 22:21	55.4	27/1/2015 21:16 58.1
27/1/2015 22:26	45.8	27/1/2015 21:21 58.1
27/1/2015 22:31	51.2	27/1/2015 21:26 57.6
27/1/2015 22:36	56.3	27/1/2015 21:31 61.6
27/1/2015 22:41	63.3	27/1/2015 21:36 55.9
27/1/2015 22:46	54.3	27/1/2015 21:41 54.5
27/1/2015 22:51	63.1	27/1/2015 21:46 58.9
27/1/2015 22:56	50.4	27/1/2015 21:51 59.2
		27/1/2015 21:56 55.9
		27/1/2015 22:01 58.6
		27/1/2015 22:06 59.0
		27/1/2015 22:11 58.9
		27/1/2015 22:16 56.6
		27/1/2015 22:21 57.5
		27/1/2015 22:26 53.3
		27/1/2015 22:31 56.8
		27/1/2015 22:36 58.7
		27/1/2015 22:41 55.2
		27/1/2015 22:46 52.8
		27/1/2015 22:51 57.6
		27/1/2015 22:56 56.4
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		26/1/2015 19:06 61.5
		26/1/2015 19:11 62.8
		26/1/2015 19:16 62.1
		26/1/2015 19:21 62.5
		26/1/2015 19:26 61.9
		26/1/2015 19:31 61.6
		26/1/2015 19:36 60.5
		26/1/2015 19:41 61.2
		26/1/2015 19:46 61.0
		26/1/2015 19:51 62.1
		26/1/2015 19:56 60.7
		26/1/2015 20:01 60.9
		26/1/2015 20:06 61.2
		26/1/2015 20:11 61.7
		26/1/2015 20:16 60.7
		26/1/2015 20:21 60.3
		26/1/2015 20:26 61.8
		26/1/2015 20:31 60.0
		26/1/2015 20:36 60.8
		26/1/2015 20:41 61.3
		26/1/2015 20:46 58.7
		26/1/2015 20:51 56.8
		26/1/2015 20:56 55.6
		26/1/2015 21:01 55.3
		26/1/2015 21:06 59.2
		26/1/2015 21:11 59.6
		26/1/2015 21:16 56.1
		26/1/2015 21:21 59.3
		26/1/2015 21:26 56.5
		26/1/2015 21:31 56.9
		26/1/2015 21:36 58.1
		26/1/2015 21:41 57.9
		26/1/2015 21:46 60.0
		26/1/2015 21:51 59.8
		26/1/2015 21:56 57.7
		26/1/2015 22:01 58.8
		26/1/2015 22:06 57.2
		26/1/2015 22:11 55.9
		26/1/2015 22:16 56.9
		26/1/2015 22:21 58.3
		26/1/2015 22:26 55.1
		26/1/2015 22:31 52.4
		26/1/2015 22:36 54.7
		26/1/2015 22:41 56.9
		26/1/2015 22:46 56.0
		26/1/2015 22:51 59.3
		26/1/2015 22:56 51.1
		27/1/2015 19:01 58.3
		27/1/2015 19:06 59.2
		27/1/2015 19:11 60.2
		27/1/2015 19:16 61.8
		27/1/2015 19:21 61.4
		27/1/2015 19:26 62.7
		27/1/2015 19:31 61.8
		27/1/2015 19:36 60.7
		27/1/2015 19:41 60.4
		27/1/2015 19:46 61.0
		27/1/2015 19:51 61.7
		27/1/2015 19:56 62.0
		27/1/2015 20:01 60.8
		27/1/2015 20:06 61.0
		27/1/2015 20:11 60.2
		27/1/2015 20:16 62.7
		27/1/2015 20:21 59.7
		27/1/2015 20:26 60.5
		27/1/2015 20:31 60.4
		27/1/2015 20:36 60.7
		27/1/2015 20:41 59.7
		27/1/2015 20:46 60.7
		27/1/2015 20:51 59.2
		27/1/2015 20:56 57.6
		27/1/2015 21:01 57.9
		27/1/2015 21:06 57.9
		27/1/2015 21:11 56.5
		27/1/2015 21:16 57.6
		27/1/2015 21:21 60.0
		27/1/2015 21:26 59.7
		27/1/2015 21:31 58.0
		27/1/2015 21:36 58.1
		28/12/2014 0:01 58.2
		28/12/2014 0:06 54.7
		28/12/2014 0:11 57.0
		28/12/2014 0:16 52.8
		28/12/2014 0:21 47.4
		28/12/2014 0:26 56.8
		28/12/2014 0:31 60.7
		28/12/2014 0:36 48.8
		28/12/2014 0:41 44.6
		28/12/2014 0:46 60.9
		28/12/2014 0:51 60.0
		28/12/2014 0:56 45.4
		28/12/2014 1:01 60.4
		28/12/2014 1:06 60.0
		28/12/2014 1:11 59.7
		28/12/2014 1:16 59.8
		28/12/2014 1:21 60.3
		28/12/2014 1:26 60.1
		28/12/2014 1:31 60.3
		28/12/2014 1:36 59.9
		28/12/2014 1:41 59.5
		28/12/2014 1:46 43.6
		28/12/2014 1:51 59.5
		28/12/2014 1:56 59.9
		28/12/2014 2:01 59.5
		28/12/2014 2:06 60.2
		28/12/2014 2:11 59.5
		28/12/2014 2:16 59.6
		28/12/2014 2:21 59.5
		28/12/2014 2:26 59.4
		28/12/2014 2:31 57.8
		28/12/2014 2:36 59.0
		28/12/2014 2:41 58.4
		28/12/2014 2:46 58.4
		28/12/2014 2:51 58.5
		28/12/2014 2:56 58.6
		28/12/2014 3:01 58.4
		28/12/2014 3:

Real-time Noise Data	RTN4 (Causeway Bay Community Centre)														
31/12/2014 1:41	53.3	1/1/2015 2:46	60.0	2/1/2015 3:51	56.0	3/1/2015 4:56	56.5	4/1/2015 6:01	58.8	5/1/2015 23:06	56.2				
31/12/2014 1:46	57.6	1/1/2015 2:51	49.9	2/1/2015 3:56	56.4	3/1/2015 5:01	56.5	4/1/2015 6:06	59.0	5/1/2015 23:11	60.9				
31/12/2014 1:51	58.7	1/1/2015 2:56	61.7	2/1/2015 4:01	55.9	3/1/2015 5:06	57.8	4/1/2015 6:11	59.7	5/1/2015 23:16	54.3				
31/12/2014 1:56	59.2	1/1/2015 3:01	60.0	2/1/2015 4:06	55.9	3/1/2015 5:11	59.2	4/1/2015 6:16	59.1	5/1/2015 23:21	60.9				
31/12/2014 2:01	60.8	1/1/2015 3:06	60.6	2/1/2015 4:11	54.6	3/1/2015 5:16	58.2	4/1/2015 6:21	58.8	5/1/2015 23:26	50.3				
31/12/2014 2:06	58.5	1/1/2015 3:11	46.6	2/1/2015 4:16	56.7	3/1/2015 5:21	58.8	4/1/2015 6:26	60.0	5/1/2015 23:31	59.2				
31/12/2014 2:11	58.2	1/1/2015 3:16	60.4	2/1/2015 4:21	56.9	3/1/2015 5:26	58.9	4/1/2015 6:31	59.5	5/1/2015 23:36	60.1				
31/12/2014 2:16	58.1	1/1/2015 3:21	60.3	2/1/2015 4:26	54.7	3/1/2015 5:31	58.4	4/1/2015 6:36	60.2	5/1/2015 23:41	60.5				
31/12/2014 2:21	58.8	1/1/2015 3:26	60.4	2/1/2015 4:31	56.6	3/1/2015 5:36	58.7	4/1/2015 6:41	59.9	5/1/2015 23:46	49.4				
31/12/2014 2:26	58.5	1/1/2015 3:31	60.7	2/1/2015 4:36	57.0	3/1/2015 5:41	59.5	4/1/2015 6:46	60.3	5/1/2015 23:51	60.4				
31/12/2014 2:31	57.8	1/1/2015 3:36	59.2	2/1/2015 4:41	56.7	3/1/2015 5:46	59.0	4/1/2015 6:51	53.0	5/1/2015 23:56	54.9				
31/12/2014 2:36	57.5	1/1/2015 3:41	59.9	2/1/2015 4:46	55.7	3/1/2015 5:51	58.7	4/1/2015 6:56	60.7	6/1/2015 0:01	60.0				
31/12/2014 2:41	57.8	1/1/2015 3:46	60.7	2/1/2015 4:51	57.2	3/1/2015 5:56	59.2	4/1/2015 23:01	60.5	6/1/2015 0:06	60.6				
31/12/2014 2:46	58.2	1/1/2015 3:51	60.4	2/1/2015 4:56	58.5	3/1/2015 6:01	59.7	4/1/2015 23:06	46.6	6/1/2015 0:11	60.8				
31/12/2014 2:51	57.5	1/1/2015 3:56	62.4	2/1/2015 5:01	56.8	3/1/2015 6:06	59.7	4/1/2015 23:11	51.6	6/1/2015 0:16	60.4				
31/12/2014 2:56	56.4	1/1/2015 4:01	59.7	2/1/2015 5:06	57.6	3/1/2015 6:11	46.1	4/1/2015 23:16	60.6	6/1/2015 0:21	60.2				
31/12/2014 3:01	57.3	1/1/2015 4:06	59.7	2/1/2015 5:11	57.3	3/1/2015 6:16	59.6	4/1/2015 23:21	60.8	6/1/2015 0:26	59.0				
31/12/2014 3:06	58.6	1/1/2015 4:11	49.0	2/1/2015 5:16	56.4	3/1/2015 6:21	60.2	4/1/2015 23:26	60.5	6/1/2015 0:31	59.3				
31/12/2014 3:11	57.6	1/1/2015 4:16	60.5	2/1/2015 5:21	58.1	3/1/2015 6:26	46.1	4/1/2015 23:31	60.1	6/1/2015 0:36	59.6				
31/12/2014 3:16	56.5	1/1/2015 4:21	59.9	2/1/2015 5:26	57.0	3/1/2015 6:31	60.6	4/1/2015 23:36	47.2	6/1/2015 0:41	58.8				
31/12/2014 3:21	56.5	1/1/2015 4:26	59.2	2/1/2015 5:31	58.1	3/1/2015 6:36	49.7	4/1/2015 23:41	46.1	6/1/2015 0:46	59.1				
31/12/2014 3:26	58.6	1/1/2015 4:31	59.1	2/1/2015 5:36	58.6	3/1/2015 6:41	54.6	4/1/2015 23:46	60.8	6/1/2015 0:51	58.9				
31/12/2014 3:31	57.7	1/1/2015 4:36	59.7	2/1/2015 5:41	59.3	3/1/2015 6:46	55.1	4/1/2015 23:51	60.6	6/1/2015 0:56	59.1				
31/12/2014 3:36	56.9	1/1/2015 4:41	59.4	2/1/2015 5:46	57.6	3/1/2015 6:51	56.9	4/1/2015 23:56	52.4	6/1/2015 1:01	58.2				
31/12/2014 3:41	57.7	1/1/2015 4:46	59.6	2/1/2015 5:51	57.9	3/1/2015 6:56	63.4	5/1/2015 0:01	60.0	6/1/2015 1:06	56.9				
31/12/2014 3:46	57.2	1/1/2015 4:51	59.7	2/1/2015 5:56	59.0	3/1/2015 23:01	54.0	5/1/2015 0:06	59.6	6/1/2015 1:11	58.3				
31/12/2014 3:51	57.1	1/1/2015 4:56	59.6	2/1/2015 6:01	59.3	3/1/2015 23:06	56.4	5/1/2015 0:11	60.6	6/1/2015 1:16	58.4				
31/12/2014 3:56	56.5	1/1/2015 5:01	66.3	2/1/2015 6:06	60.9	3/1/2015 23:11	55.3	5/1/2015 0:16	58.8	6/1/2015 1:21	58.3				
31/12/2014 4:01	57.1	1/1/2015 5:06	59.0	2/1/2015 6:11	60.5	3/1/2015 23:16	50.0	5/1/2015 0:21	59.1	6/1/2015 1:26	57.8				
31/12/2014 4:06	57.1	1/1/2015 5:11	58.9	2/1/2015 6:16	59.8	3/1/2015 23:21	55.2	5/1/2015 0:26	59.6	6/1/2015 1:31	56.6				
31/12/2014 4:11	56.4	1/1/2015 5:16	59.3	2/1/2015 6:21	51.0	3/1/2015 23:26	57.5	5/1/2015 0:31	58.9	6/1/2015 1:36	57.2				
31/12/2014 4:16	57.3	1/1/2015 5:21	59.5	2/1/2015 6:26	49.6	3/1/2015 23:31	51.2	5/1/2015 0:36	59.3	6/1/2015 1:41	58.2				
31/12/2014 4:21	56.6	1/1/2015 5:26	59.9	2/1/2015 6:31	49.1	3/1/2015 23:36	54.5	5/1/2015 0:41	59.2	6/1/2015 1:46	57.2				
31/12/2014 4:26	56.9	1/1/2015 5:31	59.4	2/1/2015 6:36	55.8	3/1/2015 23:41	50.4	5/1/2015 0:46	58.2	6/1/2015 1:51	57.3				
31/12/2014 4:31	57.7	1/1/2015 5:36	60.7	2/1/2015 6:41	57.0	3/1/2015 23:46	53.4	5/1/2015 0:51	58.5	6/1/2015 1:56	57.4				
31/12/2014 4:36	56.0	1/1/2015 5:41	59.9	2/1/2015 6:46	57.5	3/1/2015 23:51	39.3	5/1/2015 0:56	46.4	6/1/2015 2:01	57.2				
31/12/2014 4:41	57.6	1/1/2015 5:46	59.7	2/1/2015 6:51	59.2	3/1/2015 23:56	46.6	5/1/2015 1:01	57.2	6/1/2015 2:06	57.4				
31/12/2014 4:46	57.7	1/1/2015 5:51	60.2	2/1/2015 6:56	60.4	4/1/2015 0:01	53.3	5/1/2015 1:06	57.5	6/1/2015 2:11	58.0				
31/12/2014 4:51	57.4	1/1/2015 5:56	60.6	2/1/2015 23:01	53.5	4/1/2015 0:06	60.7	5/1/2015 1:11	59.3	6/1/2015 2:16	56.9				
31/12/2014 4:56	57.0	1/1/2015 6:01	60.0	2/1/2015 23:06	55.3	4/1/2015 0:11	47.2	5/1/2015 1:16	60.2	6/1/2015 2:21	55.2				
31/12/2014 5:01	57.5	1/1/2015 6:06	60.7	2/1/2015 23:11	58.4	4/1/2015 0:16	60.4	5/1/2015 1:21	56.5	6/1/2015 2:26	56.5				
31/12/2014 5:06	56.4	1/1/2015 6:11	60.3	2/1/2015 23:16	49.6	4/1/2015 0:21	62.5	5/1/2015 1:26	53.5	6/1/2015 2:31	55.9				
31/12/2014 5:11	58.0	1/1/2015 6:16	60.7	2/1/2015 23:21	55.2	4/1/2015 0:26	44.6	5/1/2015 1:31	58.2	6/1/2015 2:36	58.2				
31/12/2014 5:16	59.5	1/1/2015 6:21	42.3	2/1/2015 23:26	57.4	4/1/2015 0:31	60.4	5/1/2015 1:36	57.3	6/1/2015 2:41	56.3				
31/12/2014 5:21	57.7	1/1/2015 6:26	60.1	2/1/2015 23:31	54.8	4/1/2015 0:36	60.4	5/1/2015 1:41	56.6	6/1/2015 2:46	55.8				
31/12/2014 5:26	56.9	1/1/2015 6:31	47.4	2/1/2015 23:36	55.1	4/1/2015 0:41	60.3	5/1/2015 1:46	57.1	6/1/2015 2:51	55.9				
31/12/2014 5:31	58.9	1/1/2015 6:36	48.6	2/1/2015 23:41	53.5	4/1/2015 0:46	60.3	5/1/2015 1:51	56.6	6/1/2015 2:56	56.6				
31/12/2014 5:36	58.9	1/1/2015 6:41	59.9	2/1/2015 23:46	54.0	4/1/2015 0:51	59.8	5/1/2015 1:56	56.6	6/1/2015 3:01	54.9				
31/12/2014 5:41	59.5	1/1/2015 6:46	59.8	2/1/2015 23:51	53.1	4/1/2015 0:56	60.0	5/1/2015 2:01	58.3	6/1/2015 3:06	56.6				
31/12/2014 5:46	58.3	1/1/2015 6:51	50.5	2/1/2015 23:56	57.4	4/1/2015 1:01	60.3	5/1/2015 2:06	54.4	6/1/2015 3:11	56.8				
31/12/2014 5:51	59.0	1/1/2015 6:56	54.8	3/1/2015 0:01	55.7	4/1/2015 1:06	59.7	5/1/2015 2:11	55.6	6/1/2015 3:16	57.5				
31/12/2014 5:56	59.7	1/1/2015 23:01	57.5	3/1/2015 0:06	55.9	4/1/2015 1:11	59.3	5/1/2015 2:16	55.1	6/1/2015 3:21	55.7				
31/12/2014 6:01	59.8	1/1/2015 23:06	52.9	3/1/2015 0:11	46.6	4/1/2015 1:16	59.2	5/1/2015 2:21	55.0	6/1/2015 3:26	56.7				
31/12/2014 6:06	60.6	1/1/2015 23:11	60.7	3/1/2015 0:16	55.2	4/1/2015 1:21	54.0	5/1/2015 2:26	55.6	6/1/2015 3:31	57.7				
31/12/2014 6:11	59.9	1/1/2015 23:16	47.6	3/1/2015 0:21	60.6	4/1/2015 1:26	60.0	5/1/2015 2:31	55.3	6/1/2015 3:36	56.2				
31/12/2014 6:16	60.4	1/1/2015 23:21	57.5	3/1/2015 0:26	60.8	4/1/2015 1:31	58.5	5/1/2015 2:36	55.6	6/1/2015 3:41	56.4				
31/12/2014 6:21	49.6	1/1/2015 23:26	48.8	3/1/2015 0:31	55.0	4/1/2015 1:36	59.4	5/1/2015 2:41	54.9	6/1/2015 3:46	55.1				
31/12/2014 6:26	60.9	1/1/2015 23:31	54.7	3/1/2015 0:36	60.8	4/1/2015 1:41	59.3	5/1/2015 2:46	53.2	6/1/2015 3:51	54.2				
31/12/2014 6:31	47.6	1/1/2015 23:36	54.2	3/1/2015 0:41	60.7	4/1/2015 1:46	60.8	5/1/2015 2:51	55.3	6/1/2015 3:56	55.7				
31/12/2014 6:36	55.4	1/1/2015 23:41	53.3	3/1/2015 0:46	60.7	4/1/2015 1:51	55.9	5/1/2015 2:56	55.7	6/1/2015 4:01	56.0				
31/12/2014 6:41	58.9	1/1/2015 23:46	51.4	3/1/2015 0:51	60.4	4/1/2015 1:56	59.0	5/1/2015 3:01	54.8	6/1/2015 4:06	55.7				
31/12/2014 6:46	58.1	1/1/2015 23:51	57.3	3/1/2015 0:56	60.7	4/1/2015 2:01	57.8	5/1/2015 3:06	54.6	6/1/2015 4:11	56.5				
31/12/2014 6:51	58.5	1/1/2015 23:56	60.2	3/1/2015 1:01	59.6	4/1/2015 2:06	58.8	5/1/2015 3:11	52.9	6/1/2015 4:16	55.3				
31/12/2014 6:56	59.5	2/1/2015 0:01	50.4	3/1/2015 1:06	40.6	4/1/2015 2:11	58.9	5/1/2015 3:16	55.4	6/1/2015 4:21	55.9				
31/12/2014 23:01	55.4	2/1/2015 0:06	60.2	3/1/2015 1:11	60.0	4/1/2015 2:16	58.8	5/1/2015 3:21	56.3	6/1/2015 4:26	53.8				
31/12/2014 23:06	62.7	2/1/2015 0:11	49.9	3/1/2015 1:16	49.4	4/1/2015 2:21	59.1	5/1/2015 3:26	55.2	6/1/2015 4:31	56.5				
31/12/2014 23:11	57.7	2/1/2015 0:16	60.2	3/1/2015 1:21	59.2	4/1/2015 2:26	58.6	5/1/2015 3:31	54.8	6/1/2015 4:36	56.7				
31/12/2014 23:16	62.4	2/1/2015 0:21	59.7	3/1/2015 1:26	60.7	4/1/2015 2:31	58.7	5/1/2015 3:36	55.9	6/1/2015 4:41	56.3				
31/12/2014 23:21	57.4	2/1/2015 0:26	60.0	3/1/2015 1:31	60.0	4/1/2015 2:36	58.2	5/1/2015 3:41	55.5	6/1/2015 4:46	55.5				
31/12/2014 23:26	54.6	2/1/2015 0:31	60.4	3/1/2015 1:36	59.3	4/1/2015 2:41	58.6	5/1/2015 3:46	53.3	6/1/2015 4:51	56.1				
31/12/2014 23:31	54.2	2/1/2015 0:36	53.2	3/1/2015 1:41	60.2	4/1/2015 2:46	59.3	5/1/2015 3:51	55.4	6/1/2015 4:56	57.2				
31/12/2014 23:36	49.4	2/1/2015 0:41	59.4	3/1/2015 1:46	59.1	4/1/2015 2:51	57.1	5/1/2015 3:56	56.4	6/1/2015 5:01	57.0				
31/12/2014 23:41	60.5	2/1/2015 0:46	58.4	3/1/201											

Real-time Noise Data	RTN4 (Causeway Bay Community Centre)										
7/1/2015 0:11	58.9	8/1/2015 1:16	58.6	9/1/2015 2:21	57.2	10/1/2015 3:26	58.5	11/1/2015 4:31	56.6	12/1/2015 5:36	58.8
7/1/2015 0:16	60.0	8/1/2015 1:21	58.9	9/1/2015 2:26	58.7	10/1/2015 3:31	57.8	11/1/2015 4:36	56.9	12/1/2015 5:41	58.0
7/1/2015 0:21	44.6	8/1/2015 1:26	57.9	9/1/2015 2:31	58.5	10/1/2015 3:36	57.6	11/1/2015 4:41	56.7	12/1/2015 5:46	57.4
7/1/2015 0:26	58.7	8/1/2015 1:31	57.4	9/1/2015 2:36	54.4	10/1/2015 3:41	57.9	11/1/2015 4:46	60.8	12/1/2015 5:51	58.1
7/1/2015 0:31	59.2	8/1/2015 1:36	58.6	9/1/2015 2:41	55.8	10/1/2015 3:46	58.0	11/1/2015 4:51	56.8	12/1/2015 5:56	59.6
7/1/2015 0:36	59.1	8/1/2015 1:41	58.0	9/1/2015 2:46	56.0	10/1/2015 3:51	57.4	11/1/2015 4:56	57.1	12/1/2015 6:01	59.0
7/1/2015 0:41	58.7	8/1/2015 1:46	57.8	9/1/2015 2:51	55.3	10/1/2015 3:56	58.2	11/1/2015 5:01	56.8	12/1/2015 6:06	54.4
7/1/2015 0:46	57.5	8/1/2015 1:51	58.3	9/1/2015 2:56	55.6	10/1/2015 4:01	58.7	11/1/2015 5:06	56.9	12/1/2015 6:11	60.3
7/1/2015 0:51	56.9	8/1/2015 1:56	58.1	9/1/2015 3:01	55.0	10/1/2015 4:06	58.3	11/1/2015 5:11	57.0	12/1/2015 6:16	60.8
7/1/2015 0:56	57.9	8/1/2015 2:01	57.2	9/1/2015 3:06	55.8	10/1/2015 4:11	58.1	11/1/2015 5:16	58.3	12/1/2015 6:21	49.1
7/1/2015 1:01	57.1	8/1/2015 2:06	56.5	9/1/2015 3:11	55.3	10/1/2015 4:16	58.9	11/1/2015 5:21	59.0	12/1/2015 6:26	51.3
7/1/2015 1:06	57.3	8/1/2015 2:11	58.8	9/1/2015 3:16	55.2	10/1/2015 4:21	57.9	11/1/2015 5:26	59.2	12/1/2015 6:31	52.0
7/1/2015 1:11	57.1	8/1/2015 2:16	56.5	9/1/2015 3:21	55.3	10/1/2015 4:26	58.3	11/1/2015 5:31	58.2	12/1/2015 6:36	53.3
7/1/2015 1:16	57.2	8/1/2015 2:21	57.4	9/1/2015 3:26	55.0	10/1/2015 4:31	57.9	11/1/2015 5:36	58.1	12/1/2015 6:41	55.8
7/1/2015 1:21	56.5	8/1/2015 2:26	57.1	9/1/2015 3:31	54.4	10/1/2015 4:36	57.2	11/1/2015 5:41	58.1	12/1/2015 6:46	56.8
7/1/2015 1:26	56.9	8/1/2015 2:31	56.2	9/1/2015 3:36	54.9	10/1/2015 4:41	57.2	11/1/2015 5:46	58.5	12/1/2015 6:51	60.8
7/1/2015 1:31	58.1	8/1/2015 2:36	55.3	9/1/2015 3:41	55.5	10/1/2015 4:46	57.8	11/1/2015 5:51	57.6	12/1/2015 6:56	55.0
7/1/2015 1:36	57.1	8/1/2015 2:41	57.0	9/1/2015 3:46	56.1	10/1/2015 4:51	57.6	11/1/2015 5:56	58.3	12/1/2015 7:01	57.4
7/1/2015 1:41	56.6	8/1/2015 2:46	56.8	9/1/2015 3:51	56.5	10/1/2015 4:56	57.5	11/1/2015 6:01	59.0	12/1/2015 7:06	55.8
7/1/2015 1:46	56.9	8/1/2015 2:51	57.3	9/1/2015 3:56	56.1	10/1/2015 5:01	57.7	11/1/2015 6:06	59.8	12/1/2015 7:11	54.8
7/1/2015 1:51	56.8	8/1/2015 2:56	57.0	9/1/2015 4:01	55.0	10/1/2015 5:06	57.0	11/1/2015 6:11	58.7	12/1/2015 7:16	53.5
7/1/2015 1:56	55.9	8/1/2015 3:01	56.4	9/1/2015 4:06	55.1	10/1/2015 5:11	58.3	11/1/2015 6:16	60.2	12/1/2015 7:21	54.4
7/1/2015 2:01	54.1	8/1/2015 3:06	55.0	9/1/2015 4:11	55.2	10/1/2015 5:16	58.8	11/1/2015 6:21	58.5	12/1/2015 7:26	60.9
7/1/2015 2:06	54.4	8/1/2015 3:11	57.4	9/1/2015 4:16	55.1	10/1/2015 5:21	58.0	11/1/2015 6:26	59.5	12/1/2015 7:31	55.8
7/1/2015 2:11	55.5	8/1/2015 3:16	56.4	9/1/2015 4:21	55.3	10/1/2015 5:26	60.0	11/1/2015 6:31	59.2	12/1/2015 7:36	53.0
7/1/2015 2:16	54.9	8/1/2015 3:21	55.2	9/1/2015 4:26	55.4	10/1/2015 5:31	58.7	11/1/2015 6:36	60.5	12/1/2015 7:41	54.5
7/1/2015 2:21	56.7	8/1/2015 3:26	57.1	9/1/2015 4:31	55.5	10/1/2015 5:36	58.4	11/1/2015 6:41	59.5	12/1/2015 7:46	49.4
7/1/2015 2:26	56.2	8/1/2015 3:31	55.7	9/1/2015 4:36	55.0	10/1/2015 5:41	59.8	11/1/2015 6:46	59.2	12/1/2015 7:51	51.0
7/1/2015 2:31	54.1	8/1/2015 3:36	57.4	9/1/2015 4:41	56.0	10/1/2015 5:46	59.4	11/1/2015 6:51	59.9	12/1/2015 7:56	54.2
7/1/2015 2:36	55.3	8/1/2015 3:41	56.3	9/1/2015 4:46	56.4	10/1/2015 5:51	59.5	11/1/2015 6:56	60.3	13/1/2015 0:01	60.7
7/1/2015 2:41	56.3	8/1/2015 3:46	56.0	9/1/2015 4:51	56.4	10/1/2015 5:56	59.9	11/1/2015 7:01	60.6	13/1/2015 0:06	60.4
7/1/2015 2:46	53.8	8/1/2015 3:51	55.4	9/1/2015 4:56	57.1	10/1/2015 6:01	60.7	11/1/2015 7:06	60.8	13/1/2015 0:11	51.9
7/1/2015 2:51	55.4	8/1/2015 3:56	57.8	9/1/2015 5:01	56.6	10/1/2015 6:06	60.2	11/1/2015 7:11	60.7	13/1/2015 0:16	51.4
7/1/2015 2:56	53.8	8/1/2015 4:01	56.0	9/1/2015 5:06	55.8	10/1/2015 6:11	50.0	11/1/2015 7:16	60.2	13/1/2015 0:21	60.4
7/1/2015 3:01	54.6	8/1/2015 4:06	56.6	9/1/2015 5:11	56.1	10/1/2015 6:16	60.9	11/1/2015 7:21	60.5	13/1/2015 0:26	43.6
7/1/2015 3:06	54.1	8/1/2015 4:11	54.7	9/1/2015 5:16	56.3	10/1/2015 6:21	52.2	11/1/2015 7:26	60.4	13/1/2015 0:31	45.0
7/1/2015 3:11	54.6	8/1/2015 4:16	55.3	9/1/2015 5:21	56.3	10/1/2015 6:26	51.1	11/1/2015 7:31	60.7	13/1/2015 0:36	59.5
7/1/2015 3:16	53.7	8/1/2015 4:21	57.0	9/1/2015 5:26	58.8	10/1/2015 6:31	54.9	11/1/2015 7:36	60.8	13/1/2015 0:41	59.9
7/1/2015 3:21	55.7	8/1/2015 4:26	55.9	9/1/2015 5:31	57.8	10/1/2015 6:36	55.9	11/1/2015 7:41	53.7	13/1/2015 0:46	60.2
7/1/2015 3:26	56.8	8/1/2015 4:31	56.2	9/1/2015 5:36	57.8	10/1/2015 6:41	53.1	11/1/2015 7:46	60.8	13/1/2015 0:51	59.0
7/1/2015 3:31	54.7	8/1/2015 4:36	56.8	9/1/2015 5:41	60.8	10/1/2015 6:46	55.8	11/1/2015 7:51	60.0	13/1/2015 0:56	59.5
7/1/2015 3:36	54.1	8/1/2015 4:41	55.7	9/1/2015 5:46	58.8	10/1/2015 6:51	58.3	11/1/2015 7:56	60.1	13/1/2015 1:01	59.1
7/1/2015 3:41	56.3	8/1/2015 4:46	56.5	9/1/2015 5:51	60.2	10/1/2015 6:56	57.9	12/1/2015 0:01	59.8	13/1/2015 1:06	58.7
7/1/2015 3:46	54.1	8/1/2015 4:51	58.1	9/1/2015 5:56	59.2	10/1/2015 7:01	58.1	12/1/2015 0:06	56.1	13/1/2015 1:11	59.9
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7/1/2015 3:56	54.8	8/1/2015 5:01	57.3	9/1/2015 6:06	48.3	10/1/2015 7:11	51.7	12/1/2015 0:16	59.4	13/1/2015 1:21	56.8
7/1/2015 4:01	54.2	8/1/2015 5:06	56.6	9/1/2015 6:11	52.0	10/1/2015 7:16	58.2	12/1/2015 0:21	59.8	13/1/2015 1:26	57.9
7/1/2015 4:06	55.0	8/1/2015 5:11	58.5	9/1/2015 6:16	50.5	10/1/2015 7:21	52.9	12/1/2015 0:26	60.1	13/1/2015 1:31	59.6
7/1/2015 4:11	54.9	8/1/2015 5:16	57.4	9/1/2015 6:21	54.8	10/1/2015 7:26	57.1	12/1/2015 0:31	58.2	13/1/2015 1:36	58.7
7/1/2015 4:16	53.5	8/1/2015 5:21	57.3	9/1/2015 6:26	54.9	10/1/2015 7:31	51.7	12/1/2015 0:36	59.1	13/1/2015 1:41	56.7
7/1/2015 4:21	54.0	8/1/2015 5:26	57.9	9/1/2015 6:31	57.0	10/1/2015 7:36	52.7	12/1/2015 0:41	58.6	13/1/2015 1:46	59.9
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7/1/2015 4:31	54.6	8/1/2015 5:36	58.5	9/1/2015 6:41	57.6	10/1/2015 7:46	60.8	12/1/2015 0:51	57.8	13/1/2015 1:56	57.9
7/1/2015 4:36	54.7	8/1/2015 5:41	59.3	9/1/2015 6:46	62.9	10/1/2015 7:51	59.6	12/1/2015 0:56	58.9	13/1/2015 2:01	56.7
7/1/2015 4:41	56.2	8/1/2015 5:46	58.5	9/1/2015 6:51	49.9	10/1/2015 7:56	59.9	12/1/2015 1:01	56.9	13/1/2015 2:06	56.9
7/1/2015 4:46	53.9	8/1/2015 5:51	58.5	9/1/2015 6:56	55.9	11/1/2015 0:01	58.9	12/1/2015 1:06	57.0	13/1/2015 2:11	57.3
7/1/2015 4:51	55.4	8/1/2015 5:56	60.4	9/1/2015 7:01	59.9	11/1/2015 0:06	59.4	12/1/2015 1:11	58.2	13/1/2015 2:16	57.3
7/1/2015 4:56	60.1	8/1/2015 6:01	60.2	9/1/2015 7:06	59.9	11/1/2015 0:11	58.8	12/1/2015 1:16	56.9	13/1/2015 2:21	56.8
7/1/2015 5:01	55.3	8/1/2015 6:06	49.0	9/1/2015 7:11	55.1	11/1/2015 0:16	58.9	12/1/2015 1:21	56.6	13/1/2015 2:26	57.5
7/1/2015 5:06	55.4	8/1/2015 6:11	60.1	9/1/2015 7:16	57.9	11/1/2015 0:21	58.8	12/1/2015 1:26	56.3	13/1/2015 2:31	56.3
7/1/2015 5:11	56.9	8/1/2015 6:16	56.6	9/1/2015 7:21	60.0	11/1/2015 0:26	58.7	12/1/2015 1:31	58.0	13/1/2015 2:36	57.7
7/1/2015 5:16	57.4	8/1/2015 6:21	45.0	9/1/2015 7:26	57.4	11/1/2015 0:31	59.6	12/1/2015 1:36	55.4	13/1/2015 2:41	56.4
7/1/2015 5:21	56.1	8/1/2015 6:26	55.3	9/1/2015 7:31	59.4	11/1/2015 0:36	58.1	12/1/2015 1:41	56.1	13/1/2015 2:46	57.4
7/1/2015 5:26	57.5	8/1/2015 6:31	52.8	9/1/2015 7:36	57.5	11/1/2015 0:41	59.0	12/1/2015 1:46	55.8	13/1/2015 2:51	57.9
7/1/2015 5:31	56.3	8/1/2015 6:36	56.9	9/1/2015 7:41	56.4	11/1/2015 0:46	59.5	12/1/2015 1:51	56.4	13/1/2015 2:56	56.3
7/1/2015 5:36	57.3	8/1/2015 6:41	58.3	9/1/2015 7:46	57.7	11/1/2015 0:51	60.5	12/1/2015 1:56	56.1	13/1/2015 3:01	55.1
7/1/2015 5:41	57.3	8/1/2015 6:46	58.8	9/1/2015 7:51	56.9	11/1/2015 0:56	57.1	12/1/2015 2:01	56.0	13/1/2015 3:06	57.2
7/1/2015 5:46	57.4	8/1/2015 6:51	57.6	9/1/2015 7:56	56.1	11/1/2015 1:01	59.1	12/1/2015 2:06	56.4	13/1/2015 3:11	57.3
7/1/2015 5:51	57.9	8/1/2015 6:56	61.0	10/1/2015 0:01	55.2	11/1/2015 1:06	59.2	12/1/2015 2:11	55.8	13/1/2015 3:16	56.0
7/1/2015 5:56	58.9	8/1/2015 7:01	57.1	10/1/2015 0:06	53.5	11/1/2015 1:11	58.1	12/1/2015 2:16	56.9	13/1/2015 3:21	56.4
7/1/2015 6:01	59.5	8/1/2015 7:06	56.3	10/1/2015 0:11	40.6	11/1/2015 1:16	58.3	12/1/2015 2:21	55.4	13/1/2015 3:26	57.1
7/1/2015 6:06	60.6	8/1/2015 7:11	56.0	10/1/2015 0:16	52.5	11/1/2015 1:21	57.8	12/1/2015 2:26	55.2	13/1/2015 3:31	56.5
7/1/2015 6:11	60.2	8/1/2015 7:16	54.2	10							

Real-time Noise Data		RTN4 (Causeway Bay Community Centre)									
13/1/2015 6:41	59.7	14/1/2015 23:46	56.7	16/1/2015 0:51	57.3	17/1/2015 1:56	57.1	18/1/2015 3:01	51.7	19/1/2015 4:06	54.8
13/1/2015 6:46	58.1	14/1/2015 23:51	58.2	16/1/2015 0:56	59.4	17/1/2015 2:01	57.5	18/1/2015 3:06	49.0	19/1/2015 4:11	56.6
13/1/2015 6:51	56.7	14/1/2015 23:56	53.7	16/1/2015 1:01	55.5	17/1/2015 2:06	58.2	18/1/2015 3:11	52.5	19/1/2015 4:16	55.6
13/1/2015 6:56	59.9	15/1/2015 0:01	52.2	16/1/2015 1:06	58.5	17/1/2015 2:11	57.4	18/1/2015 3:16	54.3	19/1/2015 4:21	56.2
13/1/2015 23:01	58.2	15/1/2015 0:06	51.0	16/1/2015 1:11	54.8	17/1/2015 2:16	56.8	18/1/2015 3:21	53.2	19/1/2015 4:26	56.6
13/1/2015 23:06	59.2	15/1/2015 0:11	52.1	16/1/2015 1:16	56.7	17/1/2015 2:21	57.8	18/1/2015 3:26	53.7	19/1/2015 4:31	56.3
13/1/2015 23:11	59.3	15/1/2015 0:16	52.6	16/1/2015 1:21	54.9	17/1/2015 2:26	57.3	18/1/2015 3:31	52.6	19/1/2015 4:36	55.9
13/1/2015 23:16	58.9	15/1/2015 0:21	57.5	16/1/2015 1:26	58.1	17/1/2015 2:31	57.6	18/1/2015 3:36	54.2	19/1/2015 4:41	54.9
13/1/2015 23:21	58.0	15/1/2015 0:26	36.3	16/1/2015 1:31	56.2	17/1/2015 2:36	57.2	18/1/2015 3:41	50.7	19/1/2015 4:46	55.7
13/1/2015 23:26	59.0	15/1/2015 0:31	51.2	16/1/2015 1:36	57.4	17/1/2015 2:41	56.0	18/1/2015 3:46	51.9	19/1/2015 4:51	55.9
13/1/2015 23:31	57.4	15/1/2015 0:36	56.7	16/1/2015 1:41	56.6	17/1/2015 2:46	55.9	18/1/2015 3:51	48.7	19/1/2015 4:56	57.1
13/1/2015 23:36	57.4	15/1/2015 0:41	57.3	16/1/2015 1:46	54.5	17/1/2015 2:51	56.4	18/1/2015 3:56	53.7	19/1/2015 5:01	55.8
13/1/2015 23:41	57.1	15/1/2015 0:46	57.0	16/1/2015 1:51	49.6	17/1/2015 2:56	56.8	18/1/2015 4:01	51.1	19/1/2015 5:06	55.9
13/1/2015 23:46	56.5	15/1/2015 0:51	57.0	16/1/2015 1:56	53.7	17/1/2015 3:01	54.3	18/1/2015 4:06	55.5	19/1/2015 5:11	57.2
13/1/2015 23:51	55.5	15/1/2015 0:56	57.2	16/1/2015 2:01	53.7	17/1/2015 3:06	53.8	18/1/2015 4:11	53.6	19/1/2015 5:16	57.2
13/1/2015 23:56	55.4	15/1/2015 1:01	56.2	16/1/2015 2:06	53.4	17/1/2015 3:11	55.1	18/1/2015 4:16	34.5	19/1/2015 5:21	57.1
14/1/2015 0:01	55.8	15/1/2015 1:06	56.6	16/1/2015 2:11	54.4	17/1/2015 3:16	57.3	18/1/2015 4:21	49.1	19/1/2015 5:26	57.8
14/1/2015 0:06	53.1	15/1/2015 1:11	57.0	16/1/2015 2:16	51.4	17/1/2015 3:21	53.8	18/1/2015 4:26	54.0	19/1/2015 5:31	50.2
14/1/2015 0:11	55.3	15/1/2015 1:16	57.1	16/1/2015 2:21	49.9	17/1/2015 3:26	53.8	18/1/2015 4:31	49.4	19/1/2015 5:36	51.3
14/1/2015 0:16	51.9	15/1/2015 1:21	56.0	16/1/2015 2:26	47.0	17/1/2015 3:31	53.7	18/1/2015 4:36	57.4	19/1/2015 5:41	48.8
14/1/2015 0:21	60.4	15/1/2015 1:26	56.6	16/1/2015 2:31	53.4	17/1/2015 3:36	55.3	18/1/2015 4:41	44.6	19/1/2015 5:46	54.4
14/1/2015 0:26	43.0	15/1/2015 1:31	55.5	16/1/2015 2:36	57.8	17/1/2015 3:41	53.1	18/1/2015 4:46	57.8	19/1/2015 5:51	48.7
14/1/2015 0:31	44.1	15/1/2015 1:36	55.7	16/1/2015 2:41	47.4	17/1/2015 3:46	54.5	18/1/2015 4:51	48.6	19/1/2015 5:56	56.1
14/1/2015 0:36	60.3	15/1/2015 1:41	55.9	16/1/2015 2:46	51.1	17/1/2015 3:51	53.0	18/1/2015 4:56	49.6	19/1/2015 6:01	54.9
14/1/2015 0:41	60.5	15/1/2015 1:46	54.6	16/1/2015 2:51	57.6	17/1/2015 3:56	53.9	18/1/2015 5:01	57.5	19/1/2015 6:06	55.2
14/1/2015 0:46	60.3	15/1/2015 1:51	54.8	16/1/2015 2:56	49.5	17/1/2015 4:01	57.6	18/1/2015 5:06	47.1	19/1/2015 6:11	54.1
14/1/2015 0:51	55.6	15/1/2015 1:56	55.5	16/1/2015 3:01	47.5	17/1/2015 4:06	52.1	18/1/2015 5:11	49.8	19/1/2015 6:16	59.0
14/1/2015 0:56	59.8	15/1/2015 2:01	55.4	16/1/2015 3:06	49.4	17/1/2015 4:11	51.2	18/1/2015 5:16	48.8	19/1/2015 6:21	59.0
14/1/2015 1:01	53.3	15/1/2015 2:06	54.5	16/1/2015 3:11	44.6	17/1/2015 4:16	57.9	18/1/2015 5:21	52.1	19/1/2015 6:26	60.2
14/1/2015 1:06	59.3	15/1/2015 2:11	55.4	16/1/2015 3:16	56.8	17/1/2015 4:21	48.2	18/1/2015 5:26	54.0	19/1/2015 6:31	59.5
14/1/2015 1:11	60.8	15/1/2015 2:16	55.4	16/1/2015 3:21	57.9	17/1/2015 4:26	53.1	18/1/2015 5:31	52.2	19/1/2015 6:36	60.4
14/1/2015 1:16	59.8	15/1/2015 2:21	54.8	16/1/2015 3:26	57.9	17/1/2015 4:31	51.6	18/1/2015 5:36	50.9	19/1/2015 6:41	61.7
14/1/2015 1:21	58.9	15/1/2015 2:26	53.8	16/1/2015 3:31	51.1	17/1/2015 4:36	52.5	18/1/2015 5:41	52.5	19/1/2015 6:46	61.7
14/1/2015 1:26	60.5	15/1/2015 2:31	53.8	16/1/2015 3:36	57.3	17/1/2015 4:41	52.4	18/1/2015 5:46	54.1	19/1/2015 6:51	62.0
14/1/2015 1:31	58.9	15/1/2015 2:36	54.6	16/1/2015 3:41	52.7	17/1/2015 4:46	50.1	18/1/2015 5:51	55.5	19/1/2015 6:56	61.9
14/1/2015 1:36	58.4	15/1/2015 2:41	53.6	16/1/2015 3:46	57.7	17/1/2015 4:51	55.6	18/1/2015 5:56	53.4	19/1/2015 23:01	61.0
14/1/2015 1:41	58.8	15/1/2015 2:46	55.1	16/1/2015 3:51	42.4	17/1/2015 4:56	52.1	18/1/2015 6:01	50.4	19/1/2015 23:06	60.0
14/1/2015 1:46	59.4	15/1/2015 2:51	54.5	16/1/2015 3:56	44.8	17/1/2015 5:01	43.6	18/1/2015 6:06	53.2	19/1/2015 23:11	60.3
14/1/2015 1:51	58.9	15/1/2015 2:56	54.1	16/1/2015 4:01	57.1	17/1/2015 5:06	57.6	18/1/2015 6:11	52.2	19/1/2015 23:16	60.7
14/1/2015 1:56	59.3	15/1/2015 3:01	52.6	16/1/2015 4:06	57.8	17/1/2015 5:11	51.7	18/1/2015 6:16	53.8	19/1/2015 23:21	59.9
14/1/2015 2:01	58.6	15/1/2015 3:06	53.7	16/1/2015 4:11	48.7	17/1/2015 5:16	49.7	18/1/2015 6:21	56.2	19/1/2015 23:26	61.2
14/1/2015 2:06	58.3	15/1/2015 3:11	52.9	16/1/2015 4:16	31.5	17/1/2015 5:21	50.8	18/1/2015 6:26	54.4	19/1/2015 23:31	59.2
14/1/2015 2:11	57.7	15/1/2015 3:16	52.5	16/1/2015 4:21	43.1	17/1/2015 5:26	51.0	18/1/2015 6:31	54.8	19/1/2015 23:36	60.4
14/1/2015 2:16	58.2	15/1/2015 3:21	53.9	16/1/2015 4:26	46.6	17/1/2015 5:31	54.1	18/1/2015 6:36	59.0	19/1/2015 23:41	59.5
14/1/2015 2:21	56.4	15/1/2015 3:26	54.2	16/1/2015 4:31	51.6	17/1/2015 5:36	54.8	18/1/2015 6:41	55.6	19/1/2015 23:46	59.1
14/1/2015 2:26	57.7	15/1/2015 3:31	53.4	16/1/2015 4:36	56.2	17/1/2015 5:41	53.4	18/1/2015 6:46	55.5	19/1/2015 23:51	59.5
14/1/2015 2:31	57.1	15/1/2015 3:36	53.5	16/1/2015 4:41	56.9	17/1/2015 5:46	55.0	18/1/2015 6:51	53.6	19/1/2015 23:56	59.1
14/1/2015 2:36	58.1	15/1/2015 3:41	53.5	16/1/2015 4:46	50.0	17/1/2015 5:51	56.2	18/1/2015 6:56	58.4	20/1/2015 0:01	59.0
14/1/2015 2:41	58.5	15/1/2015 3:46	54.1	16/1/2015 4:51	57.7	17/1/2015 5:56	56.4	18/1/2015 7:01	59.6	20/1/2015 0:06	59.5
14/1/2015 2:46	56.8	15/1/2015 3:51	52.9	16/1/2015 4:56	51.5	17/1/2015 6:01	53.6	18/1/2015 23:06	59.6	20/1/2015 0:11	58.1
14/1/2015 2:51	57.0	15/1/2015 3:56	53.8	16/1/2015 5:01	57.2	17/1/2015 6:06	54.3	18/1/2015 23:11	59.6	20/1/2015 0:16	58.7
14/1/2015 2:56	57.3	15/1/2015 4:01	54.9	16/1/2015 5:06	57.6	17/1/2015 6:11	57.2	18/1/2015 23:16	59.9	20/1/2015 0:21	58.8
14/1/2015 3:01	58.0	15/1/2015 4:06	51.7	16/1/2015 5:11	48.3	17/1/2015 6:16	54.9	18/1/2015 23:21	60.1	20/1/2015 0:26	57.0
14/1/2015 3:06	55.6	15/1/2015 4:11	54.2	16/1/2015 5:16	42.0	17/1/2015 6:21	58.9	18/1/2015 23:26	58.6	20/1/2015 0:31	57.6
14/1/2015 3:11	57.6	15/1/2015 4:16	54.5	16/1/2015 5:21	55.1	17/1/2015 6:26	58.3	18/1/2015 23:31	58.8	20/1/2015 0:36	58.3
14/1/2015 3:16	58.6	15/1/2015 4:21	54.9	16/1/2015 5:26	53.0	17/1/2015 6:31	56.9	18/1/2015 23:36	59.9	20/1/2015 0:41	57.8
14/1/2015 3:21	56.8	15/1/2015 4:26	54.0	16/1/2015 5:31	49.6	17/1/2015 6:36	58.2	18/1/2015 23:41	58.5	20/1/2015 0:46	58.1
14/1/2015 3:26	56.4	15/1/2015 4:31	53.2	16/1/2015 5:36	53.9	17/1/2015 6:41	60.9	18/1/2015 23:46	59.4	20/1/2015 0:51	53.8
14/1/2015 3:31	57.0	15/1/2015 4:36	54.1	16/1/2015 5:41	53.9	17/1/2015 6:46	59.5	18/1/2015 23:51	58.4	20/1/2015 0:56	54.3
14/1/2015 3:36	57.3	15/1/2015 4:41	53.8	16/1/2015 5:46	55.4	17/1/2015 6:51	59.6	18/1/2015 23:56	59.7	20/1/2015 1:01	56.0
14/1/2015 3:41	57.2	15/1/2015 4:46	53.2	16/1/2015 5:51	54.4	17/1/2015 6:56	60.7	19/1/2015 0:01	57.8	20/1/2015 1:06	54.0
14/1/2015 3:46	56.3	15/1/2015 4:51	53.7	16/1/2015 5:56	56.1	17/1/2015 23:01	61.6	19/1/2015 0:06	59.3	20/1/2015 1:11	55.7
14/1/2015 3:51	56.4	15/1/2015 4:56	54.8	16/1/2015 6:01	54.4	17/1/2015 23:06	60.5	19/1/2015 0:11	59.5	20/1/2015 1:16	53.9
14/1/2015 3:56	58.0	15/1/2015 5:01	55.9	16/1/2015 6:06	54.5	17/1/2015 23:11	61.0	19/1/2015 0:16	59.8	20/1/2015 1:21	53.9
14/1/2015 4:01	56.6	15/1/2015 5:06	53.9	16/1/2015 6:11	58.6	17/1/2015 23:16	62.1	19/1/2015 0:21	57.7	20/1/2015 1:26	50.2
14/1/2015 4:06	57.8	15/1/2015 5:11	55.1	16/1/2015 6:16	59.0	17/1/2015 23:21	61.2	19/1/2015 0:26	58.0	20/1/2015 1:31	54.4
14/1/2015 4:11	55.7	15/1/2015 5:16	56.5	16/1/2015 6:21	58.4	17/1/2015 23:26	61.4	19/1/2015 0:31	57.7	20/1/2015 1:36	49.3
14/1/2015 4:16	56.9	15/1/2015 5:21	55.3	16/1/2015 6:26	58.9	17/1/2015 23:31	61.3	19/1/2015 0:36	55.7	20/1/2015 1:41	47.4
14/1/2015 4:21	57.4	15/1/2015 5:26	54.5	16/1/2015 6:31	60.2	17/1/2015 23:36	61.6	19/1/2015 0:41	55.4	20/1/2015 1:46	49.2
14/1/2015 4:26	55.8	15/1/2015 5:31	55.6	16/1/2015 6:36	61.3	17/1/2015 23:41	60.6	19/1/2015 0:46	55.4	20/1/2015 1:51	51.8
14/1/2015 4:31	57.0	15/1/2015 5:36	55.6	16/1/2015 6:41	62.6	17/1/2015 23:46	61.9	19/1/2015 0:51	55.6		

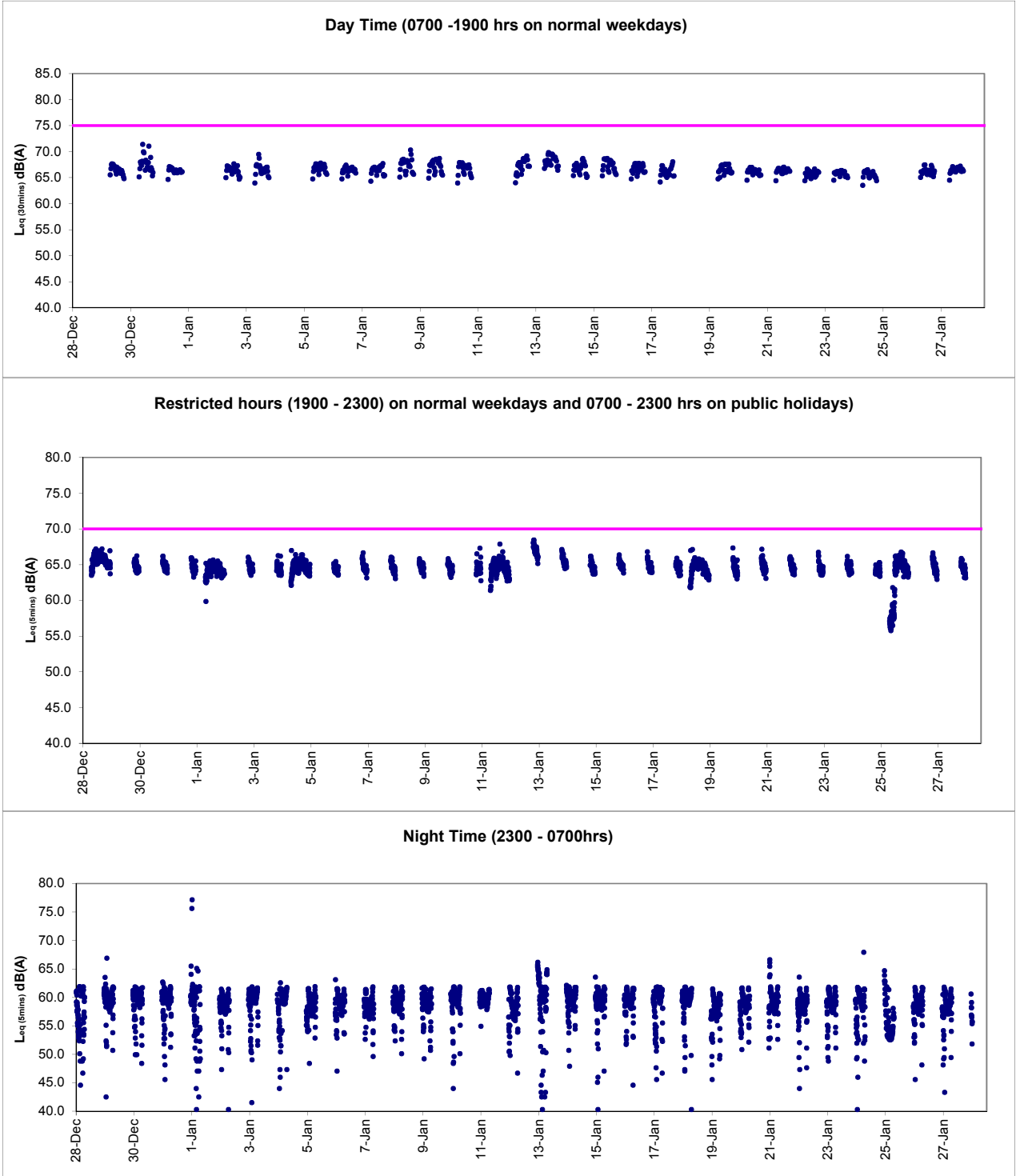
Real-time Noise Data	RTN4 (Causeway Bay Community Centre)										
20/1/2015 5:11	57.9	21/1/2015 6:16	57.5	22/1/2015 23:21	59.6	24/1/2015 0:26	57.5	25/1/2015 1:31	60.4	26/1/2015 2:36	58.6
20/1/2015 5:16	56.8	21/1/2015 6:21	57.3	22/1/2015 23:26	59.6	24/1/2015 0:31	57.9	25/1/2015 1:36	51.0	26/1/2015 2:41	57.9
20/1/2015 5:21	57.3	21/1/2015 6:26	59.3	22/1/2015 23:31	59.2	24/1/2015 0:36	56.4	25/1/2015 1:41	50.7	26/1/2015 2:46	59.4
20/1/2015 5:26	43.6	21/1/2015 6:31	60.1	22/1/2015 23:36	59.1	24/1/2015 0:41	57.9	25/1/2015 1:46	43.0	26/1/2015 2:51	59.8
20/1/2015 5:31	57.1	21/1/2015 6:36	60.6	22/1/2015 23:41	58.6	24/1/2015 0:46	55.8	25/1/2015 1:51	48.2	26/1/2015 2:56	58.8
20/1/2015 5:36	57.5	21/1/2015 6:41	60.8	22/1/2015 23:46	58.4	24/1/2015 0:51	55.1	25/1/2015 1:56	52.4	26/1/2015 3:01	59.1
20/1/2015 5:41	54.0	21/1/2015 6:46	61.4	22/1/2015 23:51	58.9	24/1/2015 0:56	57.1	25/1/2015 2:01	52.0	26/1/2015 3:06	58.9
20/1/2015 5:46	54.1	21/1/2015 6:51	62.3	22/1/2015 23:56	57.7	24/1/2015 1:01	51.0	25/1/2015 2:06	55.1	26/1/2015 3:11	59.4
20/1/2015 5:51	50.8	21/1/2015 6:56	62.0	23/1/2015 0:01	59.5	24/1/2015 1:06	54.2	25/1/2015 2:11	50.9	26/1/2015 3:16	55.6
20/1/2015 5:56	50.1	21/1/2015 23:01	60.5	23/1/2015 0:06	58.1	24/1/2015 1:11	48.4	25/1/2015 2:16	52.3	26/1/2015 3:21	57.8
20/1/2015 6:01	54.9	21/1/2015 23:06	60.8	23/1/2015 0:11	56.9	24/1/2015 1:16	51.3	25/1/2015 2:21	49.8	26/1/2015 3:26	58.6
20/1/2015 6:06	57.1	21/1/2015 23:11	60.4	23/1/2015 0:16	59.0	24/1/2015 1:21	55.1	25/1/2015 2:26	51.5	26/1/2015 3:31	58.0
20/1/2015 6:11	56.9	21/1/2015 23:16	58.9	23/1/2015 0:21	57.9	24/1/2015 1:26	52.5	25/1/2015 2:31	51.0	26/1/2015 3:36	59.6
20/1/2015 6:16	57.4	21/1/2015 23:21	59.2	23/1/2015 0:26	56.2	24/1/2015 1:31	57.4	25/1/2015 2:36	51.3	26/1/2015 3:41	57.7
20/1/2015 6:21	59.8	21/1/2015 23:26	58.3	23/1/2015 0:31	56.2	24/1/2015 1:36	50.5	25/1/2015 2:41	52.5	26/1/2015 3:46	57.4
20/1/2015 6:26	59.7	21/1/2015 23:31	59.6	23/1/2015 0:36	58.5	24/1/2015 1:41	52.9	25/1/2015 2:46	56.0	26/1/2015 3:51	58.3
20/1/2015 6:31	60.2	21/1/2015 23:36	58.8	23/1/2015 0:41	56.6	24/1/2015 1:46	60.9	25/1/2015 2:51	59.7	26/1/2015 3:56	56.4
20/1/2015 6:36	60.5	21/1/2015 23:41	58.7	23/1/2015 0:46	54.9	24/1/2015 1:51	46.6	25/1/2015 2:56	47.1	26/1/2015 4:01	60.2
20/1/2015 6:41	61.2	21/1/2015 23:46	59.0	23/1/2015 0:51	51.5	24/1/2015 1:56	60.8	25/1/2015 3:01	41.2	26/1/2015 4:06	59.0
20/1/2015 6:46	61.0	21/1/2015 23:51	58.1	23/1/2015 0:56	53.4	24/1/2015 2:01	60.8	25/1/2015 3:06	47.0	26/1/2015 4:11	57.8
20/1/2015 6:51	61.8	21/1/2015 23:56	58.7	23/1/2015 1:01	54.1	24/1/2015 2:06	53.8	25/1/2015 3:11	45.3	26/1/2015 4:16	58.6
20/1/2015 6:56	62.0	22/1/2015 0:01	59.0	23/1/2015 1:06	51.2	24/1/2015 2:11	60.6	25/1/2015 3:16	42.5	26/1/2015 4:21	59.0
20/1/2015 23:01	48.2	22/1/2015 0:06	57.3	23/1/2015 1:11	55.0	24/1/2015 2:16	41.5	25/1/2015 3:21	41.5	26/1/2015 4:26	59.0
20/1/2015 23:06	53.9	22/1/2015 0:11	61.1	23/1/2015 1:16	51.8	24/1/2015 2:21	60.6	25/1/2015 3:26	41.1	26/1/2015 4:31	58.5
20/1/2015 23:11	55.9	22/1/2015 0:16	58.3	23/1/2015 1:21	54.2	24/1/2015 2:26	60.2	25/1/2015 3:31	44.0	26/1/2015 4:36	58.8
20/1/2015 23:16	53.5	22/1/2015 0:21	58.7	23/1/2015 1:26	46.6	24/1/2015 2:31	37.5	25/1/2015 3:36	43.3	26/1/2015 4:41	58.2
20/1/2015 23:21	54.4	22/1/2015 0:26	57.1	23/1/2015 1:31	54.3	24/1/2015 2:36	60.3	25/1/2015 3:41	41.6	26/1/2015 4:46	57.3
20/1/2015 23:26	55.4	22/1/2015 0:31	57.9	23/1/2015 1:36	54.2	24/1/2015 2:41	45.0	25/1/2015 3:46	41.1	26/1/2015 4:51	59.8
20/1/2015 23:31	55.2	22/1/2015 0:36	55.4	23/1/2015 1:41	57.5	24/1/2015 2:46	59.5	25/1/2015 3:51	43.2	26/1/2015 4:56	59.5
20/1/2015 23:36	55.6	22/1/2015 0:41	56.9	23/1/2015 1:46	52.9	24/1/2015 2:51	60.6	25/1/2015 3:56	42.7	26/1/2015 5:01	58.2
20/1/2015 23:41	54.6	22/1/2015 0:46	56.2	23/1/2015 1:51	43.9	24/1/2015 2:56	59.5	25/1/2015 4:01	41.5	26/1/2015 5:06	58.8
20/1/2015 23:46	56.0	22/1/2015 0:51	55.7	23/1/2015 1:56	57.7	24/1/2015 3:01	59.2	25/1/2015 4:06	41.5	26/1/2015 5:11	58.7
20/1/2015 23:51	54.6	22/1/2015 0:56	52.2	23/1/2015 2:01	57.7	24/1/2015 3:06	60.1	25/1/2015 4:11	42.2	26/1/2015 5:16	59.1
20/1/2015 23:56	50.1	22/1/2015 1:01	51.9	23/1/2015 2:06	57.6	24/1/2015 3:11	59.8	25/1/2015 4:16	41.8	26/1/2015 5:21	59.2
21/1/2015 0:01	54.1	22/1/2015 1:06	52.5	23/1/2015 2:11	45.4	24/1/2015 3:16	58.8	25/1/2015 4:21	43.1	26/1/2015 5:26	59.9
21/1/2015 0:06	55.3	22/1/2015 1:11	51.1	23/1/2015 2:16	56.1	24/1/2015 3:21	59.7	25/1/2015 4:26	43.0	26/1/2015 5:31	60.6
21/1/2015 0:11	56.9	22/1/2015 1:16	51.8	23/1/2015 2:21	57.4	24/1/2015 3:26	59.3	25/1/2015 4:31	43.1	26/1/2015 5:36	60.9
21/1/2015 0:16	53.9	22/1/2015 1:21	54.0	23/1/2015 2:26	56.4	24/1/2015 3:31	59.9	25/1/2015 4:36	41.5	26/1/2015 5:41	60.9
21/1/2015 0:21	56.2	22/1/2015 1:26	51.0	23/1/2015 2:31	57.4	24/1/2015 3:36	59.4	25/1/2015 4:41	41.2	26/1/2015 5:46	54.8
21/1/2015 0:26	54.4	22/1/2015 1:31	49.8	23/1/2015 2:36	57.2	24/1/2015 3:41	58.3	25/1/2015 4:46	42.1	26/1/2015 5:51	49.7
21/1/2015 0:31	54.5	22/1/2015 1:36	42.0	23/1/2015 2:41	56.8	24/1/2015 3:46	59.1	25/1/2015 4:51	42.6	26/1/2015 5:56	45.0
21/1/2015 0:36	53.8	22/1/2015 1:41	57.1	23/1/2015 2:46	56.2	24/1/2015 3:51	59.4	25/1/2015 4:56	42.8	26/1/2015 6:01	60.9
21/1/2015 0:41	50.1	22/1/2015 1:46	37.6	23/1/2015 2:51	57.4	24/1/2015 3:56	58.6	25/1/2015 5:01	43.6	26/1/2015 6:06	55.3
21/1/2015 0:46	54.0	22/1/2015 1:51	50.5	23/1/2015 2:56	55.7	24/1/2015 4:01	58.5	25/1/2015 5:06	49.4	26/1/2015 6:11	59.0
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21/1/2015 0:56	53.8	22/1/2015 2:01	50.6	23/1/2015 3:06	57.2	24/1/2015 4:11	58.6	25/1/2015 5:16	50.2	26/1/2015 6:21	60.6
21/1/2015 1:01	45.6	22/1/2015 2:06	42.4	23/1/2015 3:11	55.4	24/1/2015 4:16	59.1	25/1/2015 5:21	49.9	26/1/2015 6:26	61.2
21/1/2015 1:06	50.1	22/1/2015 2:11	57.0	23/1/2015 3:16	56.3	24/1/2015 4:21	58.7	25/1/2015 5:26	49.8	26/1/2015 6:31	60.6
21/1/2015 1:11	51.8	22/1/2015 2:16	57.2	23/1/2015 3:21	56.0	24/1/2015 4:26	58.1	25/1/2015 5:31	50.4	26/1/2015 6:36	62.0
21/1/2015 1:16	57.4	22/1/2015 2:21	57.4	23/1/2015 3:26	56.5	24/1/2015 4:31	58.7	25/1/2015 5:36	50.4	26/1/2015 6:41	62.3
21/1/2015 1:21	46.3	22/1/2015 2:26	57.1	23/1/2015 3:31	55.5	24/1/2015 4:36	59.0	25/1/2015 5:41	50.4	26/1/2015 6:46	62.8
21/1/2015 1:26	57.6	22/1/2015 2:31	57.7	23/1/2015 3:36	57.2	24/1/2015 4:41	58.4	25/1/2015 5:46	55.2	26/1/2015 6:51	63.8
21/1/2015 1:31	47.3	22/1/2015 2:36	56.1	23/1/2015 3:41	56.6	24/1/2015 4:46	57.9	25/1/2015 5:51	53.6	26/1/2015 6:56	64.1
21/1/2015 1:36	34.5	22/1/2015 2:41	57.1	23/1/2015 3:46	55.5	24/1/2015 4:51	58.8	25/1/2015 5:56	50.9	26/1/2015 23:01	60.8
21/1/2015 1:41	57.9	22/1/2015 2:46	56.5	23/1/2015 3:51	56.1	24/1/2015 4:56	59.5	25/1/2015 6:01	52.9	26/1/2015 23:06	61.2
21/1/2015 1:46	57.3	22/1/2015 2:51	56.1	23/1/2015 3:56	57.2	24/1/2015 5:01	58.3	25/1/2015 6:06	52.5	26/1/2015 23:11	61.8
21/1/2015 1:51	57.6	22/1/2015 2:56	55.9	23/1/2015 4:01	54.6	24/1/2015 5:06	59.4	25/1/2015 6:11	57.6	26/1/2015 23:16	61.4
21/1/2015 1:56	57.7	22/1/2015 3:01	56.0	23/1/2015 4:06	55.5	24/1/2015 5:11	57.0	25/1/2015 6:16	41.5	26/1/2015 23:21	60.3
21/1/2015 2:01	57.6	22/1/2015 3:06	55.0	23/1/2015 4:11	55.0	24/1/2015 5:16	59.0	25/1/2015 6:21	60.9	26/1/2015 23:26	60.8
21/1/2015 2:06	57.5	22/1/2015 3:11	55.7	23/1/2015 4:16	56.3	24/1/2015 5:21	59.1	25/1/2015 6:26	58.4	26/1/2015 23:31	61.0
21/1/2015 2:11	57.8	22/1/2015 3:16	55.7	23/1/2015 4:21	56.1	24/1/2015 5:26	59.5	25/1/2015 6:31	57.7	26/1/2015 23:36	62.7
21/1/2015 2:16	57.4	22/1/2015 3:21	56.6	23/1/2015 4:26	55.4	24/1/2015 5:31	59.8	25/1/2015 6:36	57.6	26/1/2015 23:41	59.0
21/1/2015 2:21	57.6	22/1/2015 3:26	54.9	23/1/2015 4:31	55.6	24/1/2015 5:36	58.9	25/1/2015 6:41	58.7	26/1/2015 23:46	61.3
21/1/2015 2:26	56.5	22/1/2015 3:31	56.9	23/1/2015 4:36	57.1	24/1/2015 5:41	59.7	25/1/2015 6:46	58.8	26/1/2015 23:51	59.1
21/1/2015 2:31	56.8	22/1/2015 3:36	57.0	23/1/2015 4:41	55.5	24/1/2015 5:46	62.4	25/1/2015 6:51	56.9	26/1/2015 23:56	61.0
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21/1/2015 2:41	56.7	22/1/2015 3:46	56.3	23/1/2015 4:51	56.2	24/1/2015 5:56	59.7	25/1/2015 23:01	62.0	27/1/2015 0:06	60.5
21/1/2015 2:46	56.6	22/1/2015 3:51	56.1	23/1/2015 4:56	55.4	24/1/2015 6:01	46.4	25/1/2015 23:06	61.4	27/1/2015 0:11	57.2
21/1/2015 2:51	56.1	22/1/2015 3:56	56.1	23/1/2015 5:01	55.1	24/1/2015 6:06	47.4	25/1/2015 23:11	60.9	27/1/2015 0:16	59.4
21/1/2015 2:56	55.6	22/1/2015 4:01	55.4	23/1/2015 5:06	49.6	24/1/2015 6:11	57.8	25/1/2015 23:16	61.4	27/1/2015 0:21	59.6
21/1/2015 3:01	55.7	22/1/2015 4:06	56.7	23/1/2015 5:11	56.2	24/1/2015 6:16	57.7	25/1/2015 23:21	60.5	2	

Real-time Noise Data RTN4 (Causeway Bay Community Centre)

27/1/2015 3:41	59.5
27/1/2015 3:46	58.2
27/1/2015 3:51	58.7
27/1/2015 3:56	58.1
27/1/2015 4:01	59.2
27/1/2015 4:06	58.5
27/1/2015 4:11	58.1
27/1/2015 4:16	58.2
27/1/2015 4:21	59.3
27/1/2015 4:26	57.2
27/1/2015 4:31	59.0
27/1/2015 4:36	58.7
27/1/2015 4:41	57.9
27/1/2015 4:46	58.9
27/1/2015 4:51	58.2
27/1/2015 4:56	59.3
27/1/2015 5:01	58.8
27/1/2015 5:06	59.0
27/1/2015 5:11	59.9
27/1/2015 5:16	59.4
27/1/2015 5:21	60.8
27/1/2015 5:26	60.1
27/1/2015 5:31	60.0
27/1/2015 5:36	59.9
27/1/2015 5:41	59.2
27/1/2015 5:46	60.6
27/1/2015 5:51	56.5
27/1/2015 5:56	54.9
27/1/2015 6:01	50.6
27/1/2015 6:06	54.9
27/1/2015 6:11	57.4
27/1/2015 6:16	58.9
27/1/2015 6:21	60.1
27/1/2015 6:26	63.2
27/1/2015 6:31	61.6
27/1/2015 6:36	61.0
27/1/2015 6:41	61.8
27/1/2015 6:46	63.4
27/1/2015 6:51	63.8
27/1/2015 6:56	63.3
27/1/2015 23:01	61.1
27/1/2015 23:06	60.3
27/1/2015 23:11	59.0
27/1/2015 23:16	59.9
27/1/2015 23:21	60.8
27/1/2015 23:26	61.0
27/1/2015 23:31	61.2
27/1/2015 23:36	59.5
27/1/2015 23:41	61.2
27/1/2015 23:46	59.4
27/1/2015 23:51	58.6
27/1/2015 23:56	59.6

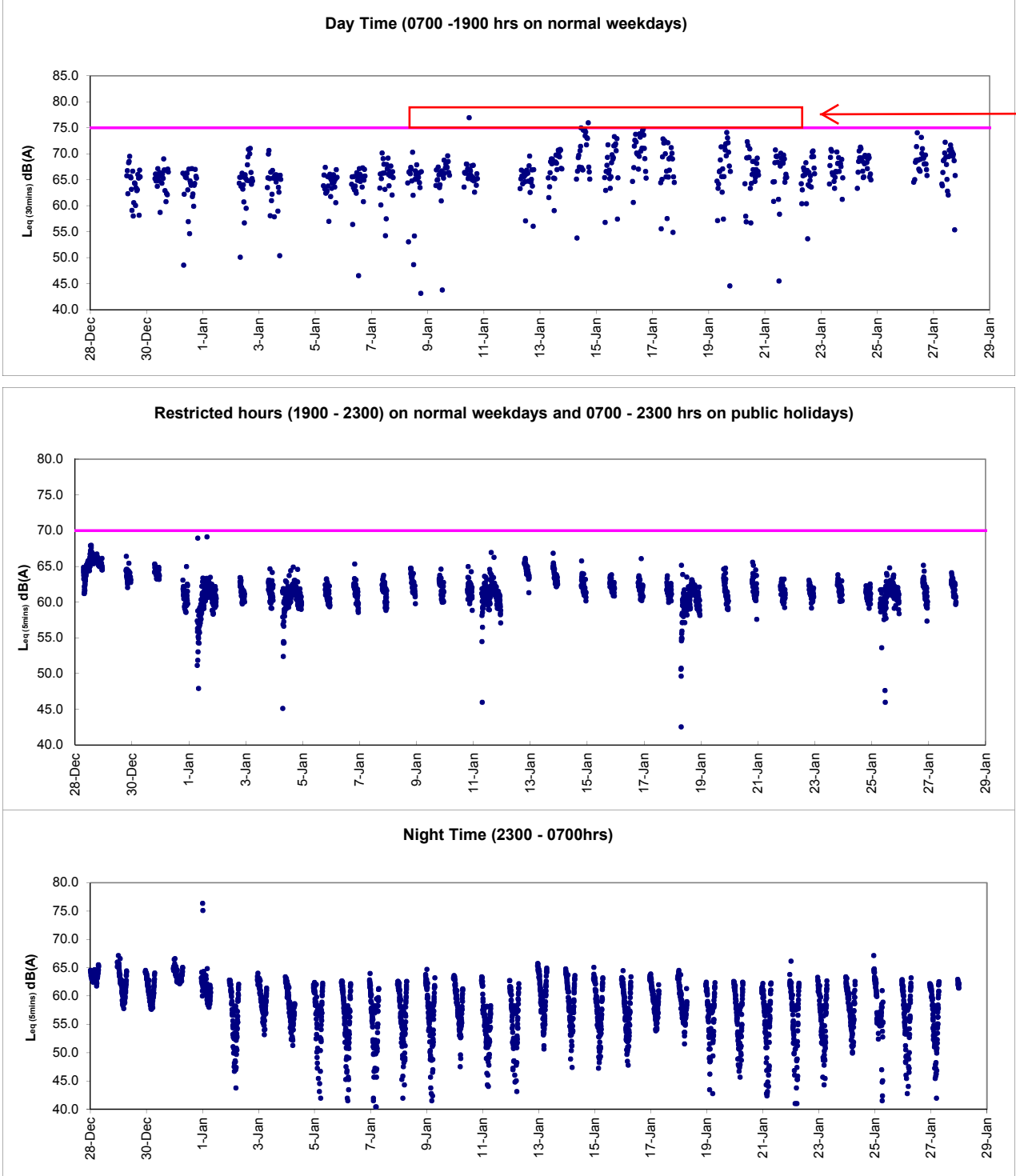


Graphic Presentation of Real Time Noise Monitoring Result (RTN1-Food and Environmental Hygiene Department Depot)





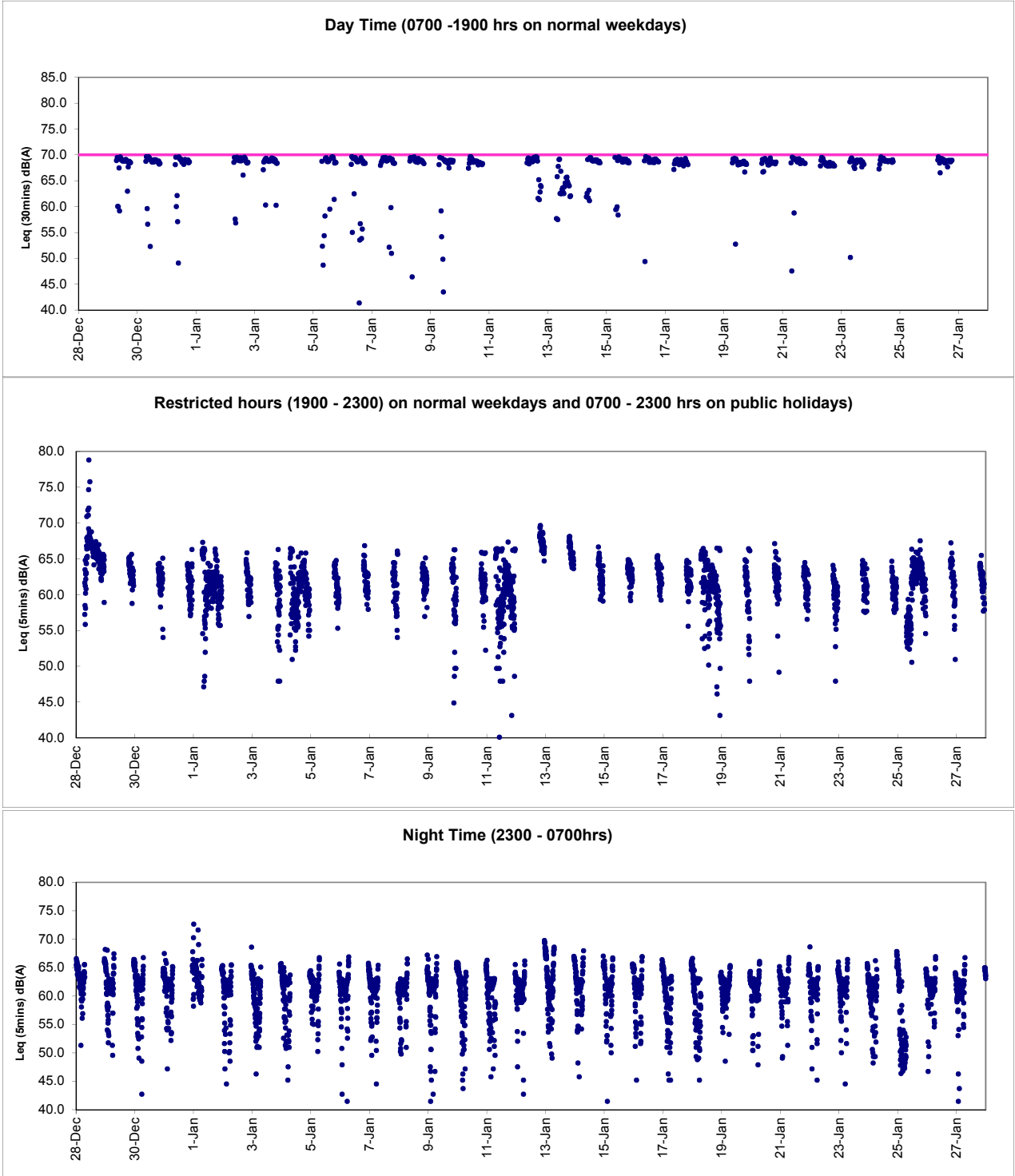
Graphic Presentation of Real Time Noise Monitoring Result (RTN2a- Hong Kong Electric Centre)



After checking with contractor HY/2009/19, bored piling was conducted during the recorded period, contractor mitigation measures including provision of temporary noise barrier were implemented. In view of the exceedances are non-continuous, the exceedances were considered to be non-Project related and contributed by nearby IEC traffic.

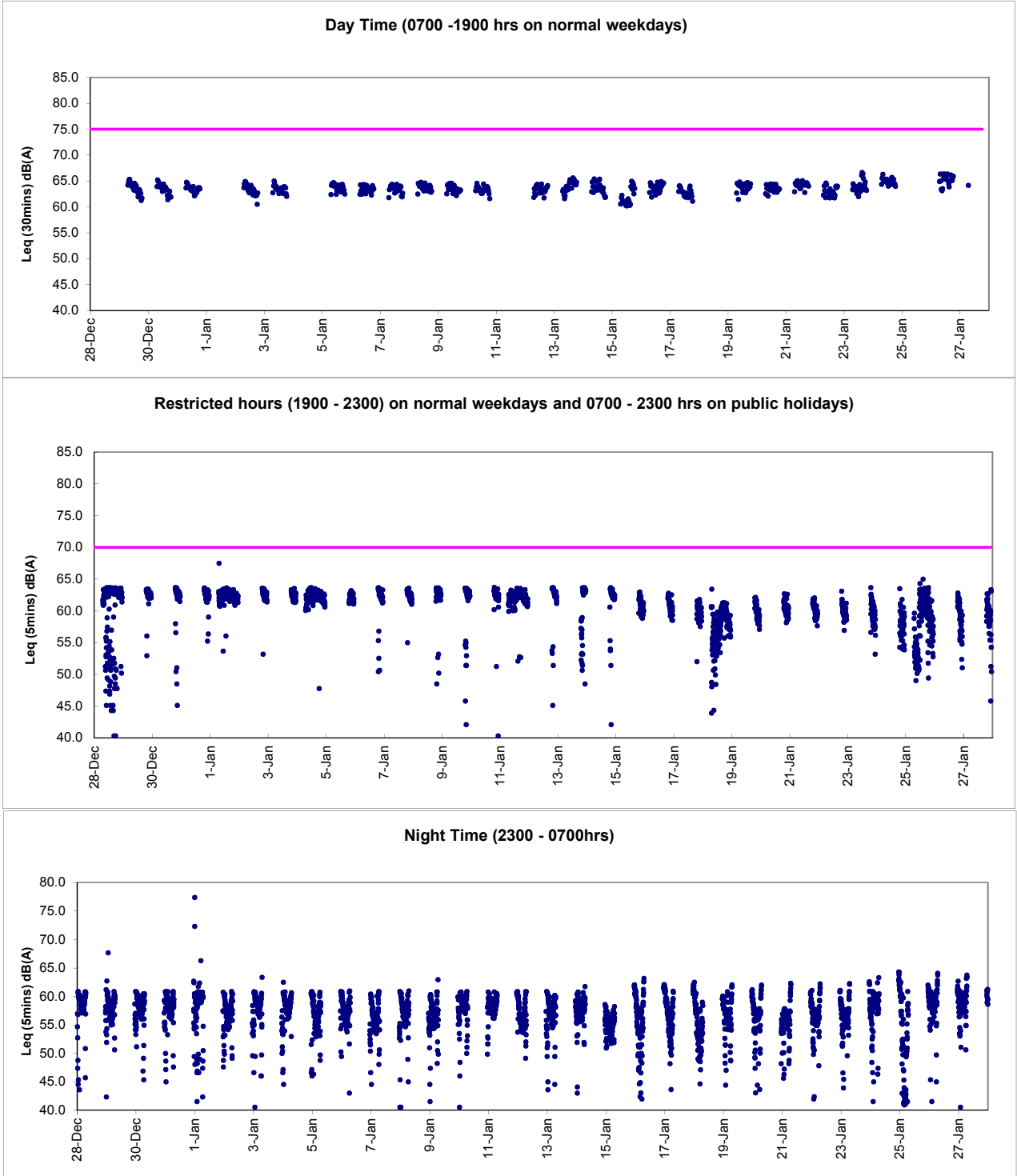


Graphic Presentation of Real Time Noise Monitoring Result (RTN3-Yu Lee Mo Fan Memorial School)





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	Measured TSP Level	Unit	Action Level	Limit Level	Follow-up action
X_15A001	21-Jan-15	8:00	CMA1b-Oil Street Site Office	242.5	24 hr TSP (ug/m ³)	176.7	260	<p>Possible reason: High ambient air pollution level was observed during monitoring and was considered as the major contribution for air quality impact.</p> <p>Action taken / to be taken: Reviewed the trend of air quality measurement across monitoring stations. Analysis of contractor's working procedures. Mitigation measures including water spraying for haul road and covering of dusty stockpile were implemented by contractor of HY/2009/19</p> <p>Remarks / Other Obs: Although bored piling and sewage pipe construction were conducted under HY/2009/19 during monitoring, the air pollution level of ambient air quality was considered as the major contribution to air quality impact. The Air Quality Health Index (AQHI) recorded by EPD at Eastern District during the monitoring period was ranged from 4 to 10+ indicating a severely high concentration of air pollutants. In addition, similar construction activities and mitigation measures were undertaken in previous monitoring, no exceedance was recorded. As such, the implemented measures were considered effective and exceedance was considered as non-project related.</p>
X_15A002	21-Jan-15	8:00	CMA2a-Oil Street Site Office	205	24 hr TSP (ug/m ³)	176.7	260	<p>Possible reason: High ambient air pollution level was observed during monitoring and was considered as the major contribution for air quality impact.</p> <p>Action taken / to be taken: Reviewed the trend of air quality measurement across monitoring stations. Analysis of contractor's working procedures. Mitigation measures including water spraying for haul road and covering of dusty stockpile were implemented by contractor of HY/2009/19.</p> <p>Remarks / Other Obs: Although excavation and tunnel back filling works were conducted under HY/2009/19 during monitoring, the air pollution level of ambient air quality was considered as the major contribution to air quality impact. The Air Quality Health Index (AQHI) recorded by EPD at Eastern District during the monitoring period was ranged from 4 to 10+ indicating a severely high concentration of air pollutants. In addition, similar construction activities and mitigation measures were undertaken in previous monitoring, no exceedance was recorded. As such, the implemented measures were considered effective and exceedance was considered as non-project related.</p>
X_15A003	21-Jan-15	8:00	CMA4a-SPCA	242.8	24 hr TSP (ug/m ³)	171.2	260	<p>Possible reason: High ambient air pollution level was observed during monitoring and was considered as the major contribution for air quality impact.</p> <p>Action taken / to be taken: Reviewed the trend of air quality measurement across monitoring stations. Analysis of contractor's working procedures. Mitigation measures including water spraying for haul road was implemented by contractor of HK/2009/02</p> <p>Remarks / Other Obs: Although D-wall construction, shear pin installation and ground investigation were conducted under HK/2009/02 during monitoring, the air pollution level of ambient air quality was considered as the major contribution to air quality impact. The Air Quality Health Index (AQHI) recorded by EPD at Central/Western District during the monitoring period was ranged from 4 to 10+ indicating a severely high concentration of air pollutants. In addition, similar construction activities and mitigation measures were undertaken in previous monitoring, no exceedance was recorded. As such, the implemented measures were considered effective and exceedance was considered as non-project related.</p>
X_15A004	21-Jan-15	8:00	CMA5b- Pedestrian Plaza	274.6	24 hr TSP (ug/m ³)	181.0	260	<p>Possible reason: High ambient air pollution level was observed during monitoring and was considered as the major contribution for air quality impact.</p> <p>Action taken / to be taken: Reviewed the trend of air quality measurement across monitoring stations. Analysis of contractor's working procedures. Mitigation measures including water spraying for haul road and was implemented by contractor of HK/2009/01</p> <p>Remarks / Other Obs: Although tunnel construction and retaining wall construction were conducted under HK/2009/01 during monitoring, the air pollution level of ambient air quality was considered as the major contribution to air quality impact. The Air Quality Health Index (AQHI) recorded by EPD at Central/Western District during the monitoring period was ranged from 4 to 10+ indicating a severely high concentration of air pollutants. In addition, similar construction activities and mitigation measures were undertaken in previous monitoring, no exceedance was recorded. As such, the implemented measures were considered effective and exceedance was considered as non-project related.</p>

Ref. No.	Date	Time	Location	Measured TSP Level	Unit	Action Level	Limit Level	Follow-up action
X_15A005	21-Jan-15	8:00	CMA5b- Pedestrian Plaza	274.6	24 hr TSP (ug/m ³)	181.0	260	<p>Possible reason: High ambient air pollution level was observed during monitoring and was considered as the major contribution for air quality impact.</p> <p>Action taken / to be taken: Reviewed the trend of air quality measurement across monitoring stations. Analysis of contractor's working procedures. Mitigation measures including water spraying for haul road and was implemented by contractor of HK/2012/08.</p> <p>Remarks / Other Obs: Although concreting works were conducted under HK/2012/08 during monitoring, the air pollution level of ambient air quality was considered as the major contribution to air quality impact. The Air Quality Health Index (AQHI) recorded by EPD at Central/Western District during the monitoring period was ranged from 4 to 10+ indicating a severely high concentration of air pollutants. In addition, similar construction activities and mitigation measures were undertaken in previous monitoring, no exceedance was recorded. As such, the implemented measures were considered effective and exceedance was considered as non-project related.</p>
X_15A006	21-Jan-15	8:00	ACL1 - City Hall	216.3	24 hr TSP (ug/m ³)	163.0	260	<p>Possible reason: High ambient air pollution level was observed during monitoring and was considered as the major contribution for air quality impact.</p> <p>Action taken / to be taken: Reviewed the trend of air quality measurement across monitoring stations. Analysis of contractor's working procedures. Mitigation measures including water spraying for haul road and dust screen was implemented by contractor of HK/2012/08.</p> <p>Remarks / Other Obs: Although D-wall construction and socket-H piling works was conducted under HK/2012/08 during monitoring, the air pollution level of ambient air quality was considered as the major contribution to air quality impact. The Air Quality Health Index (AQHI) recorded by EPD at Central/Western District during the monitoring period was ranged from 4 to 10+ indicating a severely high concentration of air pollutants. In addition, similar construction activities and mitigation measures were undertaken in previous monitoring, no exceedance was recorded. As such, the implemented measures were considered effective and exceedance was considered as non-project related.</p>
X_15A007	21-Jan-15	8:00	ACL2a - Contractor HK/2012/08 Site Office	201.6	24 hr TSP (ug/m ³)	187.3	260	<p>Possible reason: High ambient air pollution level was observed during monitoring and was considered as the major contribution for air quality impact.</p> <p>Action taken / to be taken: Reviewed the trend of air quality measurement across monitoring stations. Analysis of contractor's working procedures. Mitigation measures including water spraying for haul road was implemented by contractor of HK/2012/08.</p> <p>Remarks / Other Obs: Although D-wall construction and socket-H piling works was conducted under HK/2012/08 during monitoring, the air pollution level of ambient air quality was considered as the major contribution to air quality impact. The Air Quality Health Index (AQHI) recorded by EPD at Central/Western District during the monitoring period was ranged from 4 to 10+ indicating a severely high concentration of air pollutants. In addition, similar construction activities and mitigation measures were undertaken in previous monitoring, no exceedance was recorded. As such, the implemented measures were considered effective and exceedance was considered as non-project related.</p>



Appendix 9.1

Complaint Log



Environmental Complaints Log

Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
110723a	23/07/2011	Ms. Law at Victoria Centre by ICC no. 1-303887687	North Point	She concerned that Highways Department published a notice in their Management Office about construction works will be conducted from 0700 hours to 2300 hours during July to December 2011 including Saturday, Sunday and public holiday.	1) It was referred by AECOM to ET on 28 July 2011 2) RSS confirmed that the notice was prepared by Victoria Centre 'a Management office to their resident and the advice was only given on the extension construction works (for Contract HY/2009/15) to 7am-9pm Monday to Saturday except Public Holidays and Sundays. 3) As a mitigation measure to minimize the noise nuisance in the vicinity of the residents, rock breaking activities will be started at 8am and is expected to be completed by mid-August 2011. 4) No noise exceedance was recorded at construction noise monitoring station at Victoria Centre on 19 and 25 July 2011 during daytime and evening time period while breaking and excavation works were observed during monitoring. 5) In conclusion, it was related to the construction works under Contract HY/2009/15 and mitigation measure was provided. The complainant was satisfied with the arrangement and no further complaint was received after proposed measures.	Closed
110723b	23/07/2011	Ms. Yau at Block 2, Victoria Centre by ICC no. 1-304013959	North Point	Reclamation work was conducted at Causeway Bay Typhoon Shelter at 7am on 23 July 2011. She complained that the works shall be started later to minimize the noise nuisance to the vicinity of the residents in early morning	1) It was referred by AECOM to ET on 8 August 2011 2) RSS confirmed to start the rock breaking activities for Contract HY/2009/15 at 8am as a mitigation measure to minimize the noise nuisance in the vicinity of the residents. 3) With reference to the construction noise monitoring at Victoria Centre, no exceedance was recorded on 19 and 25 July 2011 during daytime while breaking and excavation works were undertaken during monitoring 4) In conclusion, it was related to the construction works under Contract HY/2009/15 and mitigation measure was provided. The complainant was satisfied with the arrangement and no further complaint was received after proposed measures.	Closed
110727a	27/07/2011	Mr. Law from Victoria Centre Management Office by ICC no. 1-304616162	North Point	It was complained by Mr. Law from Victoria Centre Management Office on 27 July 2011 regarding construction noise generated by the construction operations of	1) It was referred by AECOM to ET on 28 July 2011 2) RSS confirmed to start the rock breaking activities for Contract HY/2009/15 at 8am as a mitigation measure to minimize the noise nuisance in the vicinity of the residents. 3) No noise exceedance was recorded at construction noise monitoring station at Victoria Centre on 25 July and	Closed



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
				Central-Wanchai Bypass at noon rather than in morning at 7am.	4 August 2011 during daytime and evening time period while breaking and excavation works were observed during monitoring. 5) In conclusion, it was related to the construction works under Contract HY/2009/15 and mitigation measure was provided. No further complaint from complainant was received after proposed the mitigation measure.	
110727b	27/07/2011	Ms. Chiu by ICC no.1-304615409	North Point	Noise nuisance from the excavation works for the Highways Department adjacent to the Victoria Centre was conducted from 7am	1) It was referred by AECOM to ET on 28 July 2011 2) With reference to the construction noise monitoring at Vitoria Centre, no exceedance was recorded on 25 July and 4 and 10 August 2011 during daytime while breaking and excavation works were undertaken during monitoring. 3) As a mitigation measure to minimize the noise nuisance in the vicinity of the residents, rock breaking activities will be started at 8am.	Closed
	07/08/2011				4) However, complainant did not satisfy with the response on the noise nuisance from the rock-breaking during morning in front of Victoria Centre and then further complaint via 1823 on 7 August 2011. 5) Highways contacted the complainant on 15 August 2011 that the noisy rock breaking operation had been completed. <i>Remarks: There will be counted as two complaints in this complaint log.</i>	
110730	30/07/2011	Mr. Tsui by ICC no. 1-305074350	Central	Construction noise generated by operations of Central-Interchange which is near the spa room at Four-Season Hotel. Also, the complaint enquired the commencement time of the construction on Saturday.	1) It was referred by AECOM to ET on 1 August 2011. 2) RSS confirmed that noisy plants from 2 vibratory hammers have been conducted in alternating manner for piling and drilling works for diaphragm wall construction. 3) With reference to the construction noise monitoring at IFC Western End of Podium, no exceedance was recorded on 4 August 2011 during monitoring while sheet piling works were undertaken during monitoring. 4) In order to reduce the noise impact to nearby noise sensitive receivers, Contractor has been implemented the following noise mitigation measures: - Erection of acoustic lining at the hoarding next to Four Seasons Hotel; - Temporary noise barrier with extended acoustic lining; - Reduced in plant such that only have one vibration hammer operating at the west side near Four	Closed



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					Seasons Hotel instead of 2 5) In conclusion, it was related to the construction works under Contract HY/2009/18 and mitigation measure was provided. The complainant was satisfied with the arrangement and no further complaint was received after proposed measures.	
110810	10/08/2011	Mr. Yip by ICC no. 1 – 306740207	North Point	Muddy water was discharged from work site to the seafront near Oil Street during heavy rain. The environmental protection measures were not good enough and are needed to rectify.	1) It was referred by AECOM to ET on 17 August 2011. 2) Confirmed with RE, Muddy water was caused by a heap of earth being washed to the sea by heavy rain. The heap of earth was referred as a small stockpile placed close to the seafront in front of Oil Street within the site area under handover transition period from contract HY/2009/11 to contract HY/2009/19. The necessary mitigation measures to protect the small stockpile against rainfall were missing at the time of complaint. 3) Due to the missing of mitigation measures to protect the small stockpile during handover transition period, loose material was washed into the harbour when heavy rain came. Muddy water was formed and dispersed in the sea that caused the water quality and visual concern to the public. The complaint was considered as valid. 4) Contractors were advised to relocate the loose materials away from the coastline as far as practicable. Any loose material placed which needed to be placed near the coastline shall be properly compacted or covered as appropriate. To avoid any further environmental deficiency, Contractors shall ensure all necessary environmental mitigation measures will not be missing during site area handover.	Closed
110817	17/08/2011	ICC no. 1-307657681	North Point	Visual impact generated by light from a large amount of spot-lights on the barge during mid-night nearby City Garden.	1) It was referred by AECOM to ET on 23 August 2011 2) RSS confirmed that some non-essential lights were turned on during night-time period which caused the nuisance to the nearby residents. In addition, absence of lighting shields at flood lights results in visual glare to the 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/2009/11 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. Futhermore, Construction Noise Permit should be checked and in place for the construction works during restricted hour 5) This complaint was considered in relation to the conducted construction works during restricted hours without valid Construction Noise Permit. No more construction works were conducted during night time period. The construction works will be conducted in accordance with the time period stated in valid CNP. This complaint will be kept in view of any follow-up action from the relevant government activities.	
111212	12/12/2011	The complainant, Mr Tsui from IFCL's management office complained via hotline 1823	Central	A visual impact complaint from hotline 1823 was received by ET on 9 January 2011 (ICC Ref. No.: ICC#1-333037096 dated on 12 December 2011). The complaint, Mr Tsui was reported that visual nuisance caused by lighting in the construction site during night time.	1) RSS notified ET on 9 Jan 2012. 2) ET confirmed with the Resident Site Staff that A joint inspection was conducted by Mr Tsui and contractor on that night to see whether there is any improvement. 3) Due to safety reason, igniting enough lights should not be avoided in construction site. However, the light sources were not directed away from pointing to the sensitive receiver and results in visual glare to the complainant. 4) Confirmed with the Resident Site Staff the complainant was satisfied the new arrangement of the lights with contractor after the joint inspection. No further complaint received after that.	Closed
111220	20/12/2011	The complainant, Ms. Poon complained via hotline 1823 (ICC Ref. No.: ICC#1-334683841)	North Point	Construction air and noise nuisance generated that many trucks carrying construction materials driving along Watson Road and Oil Street and possibly entering/leaving the construction site near the IEC during 0800 to 1900 hours.	1) RSS notified ET on 22 Dec 2011. 2) ET confirmed with the Resident Site Staff that the complainant cannot identify whether the trucks were working under the CWB project or not. 3) The dominant construction air and noise nuisances were emitted by the trucks along Oil Street and Waston Road, however, this is the public road for all vehicles. Reviewing the air quality montioring and noise monitoring results. No exceedance was recorded during this period. 4) Confirmed with the Resident Site Staff that they provided a contact no. for any future enquiries regarding	Closed



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 Marc 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 contracotr was advised and committed to implement preventive meaures to mimize the potential impact of work including conducting regular diver check to ensure the integrity and the extend of silt curtain deployment and to provide adequatae 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/0001 1587-13	Area near Central Pier	1. Noise was emanated from the construction site near the Central Piers at around 0900 hrs on 30 May 2013 and other days and requested follow up action by relevant department.	<p>1) RSS notify ET on 11 June 2013</p> <p>2) ET confirmed with the Resident Site Staff that According the information confirmed by RSS, major noise generating construction activities undertaken at works area near Central Pier during the concerned time include</p> <ul style="list-style-type: none">- Breaking up existing D-wall concrete and excavation at portion 4B and 4C- Sheet piling works at Portion VI (Man Kat Street) <p>3) Total 1 no. of Backhoe with breaker, 1 no. of Backhoe with vibratory hammer and 4 no.s of pneumatic breakers were deployed for the above construction activities.</p> <p>Reviewing the noise monitoring data at monitoring stations (M7e- International Finance Centre Eastern End of Podium and M7w- International Finance Centre Western End of Podium), no limit level exceedances were recorded during routine noise monitoring event on 28 May 2013 and 03 June 2013. As similar construction works activities conducted on 30 May 2013 was continued across the above monitoring period, the noise emanated from the construction activities under Contract HY/2009/18 was considered to complied with the statutory requirement.</p> <p>In addition, weekly environmental site inspection was conducted on 30 May 2013 at around 10:00. According to the inspection record, no particular observation regarding noise impact was recorded and the mitigation measures including erection of of temporary noise barrier was observed in place.</p> <p>As such, no direct information associated with the noise concerned raised was considered available and no non-conformity was identified.</p> <p>4) ET recommend the contractor to review the need of additional noise mitigation measures to further reduce the noise enmated during construction works for pier side public area.</p>	<p>Interim report submitted to EPD on 19 June 2013,</p> <p>EPD advised no further comment on 5 Aug 2013and 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</p> <p>1)The major construction activities around the concerned location conducted on 16 Dec 2013 a.m.includes: -Preparation work of rootball for tree transplanting</p> <p>According to the information provided by RSS, the construction activities around the concerned location on 16 Dec 2013 include preparation work of rootball for tree transplanting at Zone 17/18.</p> <p>A further investigation on the complaint was conducted on 19 Dec 2013 during weekly environmental inspection. It was observed that a tree worksarea comprised of mainly loosen soil was located near the concerned location. It was considered that the inclined surface and loosen soil nature of the concerned worksarea could have led to the muddy surface runoff in rain. Deposition of muddy runoff onto nearby public pavement outside worksarea was hence resulted and was subsequently cleaned into nearby public stormwater drain by the Contractor's workers on the complaint date. As such, the case was considered as works related.</p> <p>Sandbags, geotextile and gravels were immediately placed by the Contractor around the gullies at the concerned location to prevent leftover muddy runoff to the public stormwater drain as observed during the weekly inspection on 19 Dec 2013.</p> <p>With respect to the follow-up raised by the complainant on 19 Dec 2013, sandbags, geotextile and gravels placed at gullies located at public area were removed by the Contractor on the same day for maintaining passible public pavement. Follow up measures including sandbag bundle and covering of worksarea with impervious sheeting was immediately placed at the source of impact at the concerned worksarea boundary by the Contractor.</p>	Final investigation report issued on 20 Dec 2013. Case closed on 3 Jan 2014.



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> <ul style="list-style-type: none">Backfilling works between north wall and sheetpiles and for roof slab;Site hoarding removal;Formwork erection and removal works, falsework erection;Concrete breaking works at roof slab and base slab and breaking up of existing tunnel corner;Concreting works for profile barrier inside cut and cover tunnel; andRebar fixing works and WVB basement remediation works. <p>Mitigation measures implemented by the Contractor for the above construction works include:</p> <ul style="list-style-type: none">Use of quiet plants (air compressor with a Noise Emission Label of 99 dB(A)).	<p>Interim report submitted to EPD on 18 March 2014,</p> <p>EPD advised no further comment on 26 March 2014 and final report for case closing issued on 26 March 2014</p>



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



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
140623	11 June 2014	EPD Complaint Case (Ref:H04/RS/00 013590-14) received by ET on 23 June 2014	Foot Bridge to Central Pier 7	Excessive Paint Spray Odour	<p>A public complaint regarding odour concern referred by EPD was received by ET on 23 June 2014.</p> <p>The complainant reported that excessive paint spray odour was detected at the foot-bridge to the Central Pier 7.</p> <p>ET confirmed with the Resident Site Staff that spraying of waterproofing membrane (integritank) from Ch1700 to Ch1705 was conducted at roof slab Bay12 on 11 June 2014 and</p> <p>Screeding concrete placing from Ch1700 to Ch1683 was conducted at roof slab Bay12 on 11 June 2014 and</p> <p>Backfilling and removal of concrete blocks was conducted at roof slab Bay 11 and Bay 10-north on 11 June 2014</p> <p>According to relevant site records, major construction activities conducted around the concerned location on 11 June 2014 include spraying of waterproofing membrane (integritank) from Ch1700 to Ch1705; screeding concrete placing from Ch1700 to Ch1683 and backfilling and removal of concrete blocks. Having reviewed the relevant information verified by RSS, the chemicals applied at the concerned area on 11 June 2014 are waterproof paint and paint adhesives.</p> <p>In view of the concern regarding odour nuisance raised by the public, it is considered desirable for the Contractor to review the application method for waterproof layer nearby public area to minimize the nuisance caused to the surroundings.</p>	<p>Preliminary report issued on 25 June 2014.</p> <p>Interim report submitted to EPD on 30 June 2014.</p>



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					Follow-up inspection was conducted during weekly environmental inspection on 26 June 2014, no further spraying works was conducted by the Contractor at the concerned area and no particular odour was observed at the concerned location.	
20140723	21 July 2014	ICC complaint (ICC Case Ref.: 2-341537112) received by ET on 23 July 2014	Area opposite to Ngan Tao Building	Noise nuisance due to works and machine at opposite project site during nighttime	<p>A public complaint regarding construction noise impact referred by RSS was received by ET on 25 July 2014 (ICC Case Ref.: 2-341537112 dated 21 July 2014). The complainant reported that :</p> <p>At 00:57hrs on 21 July 2014, he could not sleep due to work and machine at the project site opposite to the building (Ngan Tao Building), where he was living, were still going on and in operation. Noise traveled to his flat despite it was some distance away.</p> <p>ET confirmed with the Resident Site Staff that dewatering works was conducted under HY/2009/19 at the works area at Watson Road from around 23:00hrs on 20 July 2014 to 01:00hrs on 21 July 2014. Total 1 no. of generator and 23 nos. of dewatering pumps were in operation. Mobilization of telescopic arm excavator to trailer truck was performed under HY/2009/19 at the works area at Watson Road from around 00:15hrs to 01:00hrs on 21 July 2014. Total 1 no. of telescopic arm excavator and 1 no. of trailer truck were in operation.</p> <p>According to the relevant site records under Contract HY/2009/19, from around 23:00hrs on 20 July 2014 to 01:00hrs on 21 July 2014, dewatering works was conducted under HY/2009/19 at the works area at Watson Road. Total 1 no. of generator and 23 nos. of dewatering pump were in</p>	<p>Final Investigation report (Issue1) issued on 31 July 2014.</p> <p>Final investigation report (Issue 2) based on further follow-up issued on 12 Aug 2014.</p>



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					<p>operation at the above period.</p> <p>In addition, mobilization of telescopic arm excavator to trailer truck was performed under HY/2009/19 at the works area at Watson Road from around 00:15hrs to 01:00hrs on 21 July 2014. Total 1 no. of telescopic arm excavator and 1 no. of trailer truck were in operation.</p> <p>After reviewing relevant records and information verified by RSS and the Construction Noise Permit (CNP) no. GW-RS0152-14, it was considered that the below condition of CNP no.GW-RS0152-14 was not fulfilled by the Contractor of HY/2009/19.</p> <p>From 00:15hrs to 01:00hrs on 21 July 2014, the PME(s) (1 no. of telescopic arm excavator and 1 no. of trailer truck) operated under the Contractor of HY/2009/19 on-site could not follow any given PME grouping requirement(s) as stated in condition 3.a. and condition 3.d. in no.GW-RS0152-14.</p> <p>Notwithstanding the above, according to the information provided by the RSS, the telescopic arm excavator was mobilized at night time hours with consideration that passage of vehicle with large plant & machinery through cross harbour tunnel shall be conducted after mid-night.</p> <p>the Contractor of HY/2009/19 was advised to review the need to renew relevant CNP for PME grouping with respect to specific site operation requirements such that the Construction Noise Permit would be followed. Furthermore, the Contractor of HY/2009/19 was suggested to review the arrangement for PME mobilization with maintenance need to be conducted within specific period allowed under the relevant CNP(s).</p>	



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20140801	30 July 2014	ICC complaint (ICC Case Ref.: 2-360638977) received by ET on 01 August 2014	Area opposite to Harbour Heights	Noise of sand and gravel movements at area opposite to the Harbour Heights	<p>A public complaint regarding construction noise impact referred by RSS was received by ET on 01 Aug 2014 (ICC Case Ref.: 2-360638977 dated 31 July 2014). The complainant reported that at 01:20hrs on 30 July 2014, the complainant was woken up by the noise of sand and gravel movements at area opposite to the Harbour Heights.</p> <p>ET confirmed with the Resident Site Staff that EVB excavation was undertaken at the works area around Watson Road under HY/2009/19 before 23:00hrs on 29 July 2014. (Total 1 no. of excavator, 1 no. of dump truck, 23 nos. of underground dewatering pump and 3 nos. of generator were in operation).</p> <p>Dewatering works was undertaken at works area around Watson Road under HY/2009/19 from 23:00hrs on 29 July 2104 to 01:00 hrs on 30 July 2014. (Total 23 nos. of underground dewatering pumps and 1 no. of generator were in operation).</p> <p>Mobilization of PMEs was performed at works area around Watson Road under HY/2009/19 from 00:45hrs to 01:30hrs on 30 July 2014. (1 no. of excavation machine and 1 no. of dump truck were in operation). No other construction activity or operation was performed at the area opposite to Harbour Heights from 23:00hrs on 29 July 2014 to 01:00hrs on 30 July 2014 under HY/2009/19.</p> <p>According to the relevant site records, before 2300hrs on 29 July 2014, EVB excavation at the works area around Watson Road was conducted under HY/2009/19. (Total 1 no. of dump truck , 1 no. of excavator, 3 nos. of generators and 23 nos. of dewatering pumps were in operation at the</p>	Final investigation report issued on 12 Aug 2014.



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					<p>above period).</p> <p>From around 23:00hrs on 29 July 2014 to 01:00hrs on 30 July 2014, dewatering works at works area around Watson Road was conducted under HY/2009/19. Total 23 nos. of dewatering pumps were operating at the above period.</p> <p>In addition, mobilization of PMEs was performed at works area around Watson Road under HY/2009/19 from 00:45hrs to 01:30hrs on 30 July 2014. Total 1 no. of excavation machine and 1 no. of dump truck were in operation. After reviewing relevant records and information verified by RSS and the Construction Noise Permit (CNP) no. GW-RS0152-14, it was considered the below condition of CNP GW-RS0152-14 was not fulfilled by the Contractor of HY/2009/19. From around 00:45hrs to 01:30hrs on 30 July 2014, the operation of PME(s) (1 no. of excavator and 1 no. of dump truck) under the Contractor of HY/2009/19 on-site could not follow any given PME grouping requirement(s) as stated in condition 3.a. and condition 3.d. in no. GW-RS0152-14.</p> <p>Notwithstanding the above, according to the information provided by the RSS, the excavator and dump truck were mobilized away from the edge of the temporary ELS structure towards the area opposite to the Harbour Heights after 23:00hrs under safety consideration.</p> <p>The Contractor of HY/2009/19 was advised to review the arrangement and location for retaining and securing PME(s)/ plants to minimize the movements of PME or plants after completion of works such that the Construction Noise Permit would be followed.</p>	



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
20140929	26 Sep 2014	ICC complaint (ICC Case Ref.: 2-466911619) received by ET on 29 September 2014	IEC flyover opposite to City Garden	Light originating from the flyover under Central-WanChai Bypass Project was emitted towards City Garden direction and caused light nuisance	<p>A public complaint regarding visual impact referred by RSS was received by ET on 29 September 2014 (ICC Case Ref.: 2-466911619 dated 26 September 2014)</p> <p>The complainant reported that on 26 September 2014 at around 00:50hrs, light originating from the flyover under Central-WanChai Bypass Project was emitted towards City Garden direction and caused light nuisance.</p> <p>ET confirmed with the Resident Site Staff that the light emission on 25 and 26 September 2014 at the concerned area was originated from the temporary lighting provided at the soffit of the permanent noise enclosure at the new Island Eastern Corridor (IEC) Eastbound which was necessary to provide sufficient illumination for the traffic operation on the new IEC Eastbound after the traffic diversion on 28 September 2014.</p> <p>According to the relevant information provided by RSS, the light emission on 25 and 26 September 2014 at the concerned location was originated from the temporary lighting provided at the soffit of the permanent noise enclosure at the new Island Eastern Corridor Eastbound.</p> <p>The lighting was necessary to provide sufficient illumination for the traffic operation on the new IEC Eastbound after traffic diversion on 28 September 2014. Nevertheless, in view of the public concern regarding light nuisance raised by the public, it is considered desirable for the Contractor to review the lighting arrangement and implement additional measures to minimize the nuisance caused to the surrounding receivers as far as practicable.</p>	Final Investigation report submitted on 9 October 2014.



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					<p>Follow-up inspection was conducted during weekly environmental inspection on 8 October 2014, additional measures including erection of green net and tarpaulin sheet were provided by the Contractor of HY/2009/19 at the concerned area as interim measure to minimize the nuisance caused to the surroundings. Further to the interim measure implemented by the Contractor of HY/2009/19, the Contractor of HY/2009/19 will replace the concerned temporary lighting with temporary lighting facing Victoria Harbour at the other side of the road to minimize the light nuisance to the surroundings.</p> <p>The Contractor of HY/2009/19 was suggested to review the lighting arrangement and implement additional measures to minimize the nuisance caused to the surroundings receivers as far as practicable.</p> <p>Additional measures including erection of green net and tarpaulin sheet were provided by the Contractor of HY/2009/19 at the concerned area as interim measure to minimize the nuisance caused to the surroundings and the Contractor of HY/2009/19 will replace the concerned temporary lighting with temporary lighting facing Victoria Harbour at the other side of the road to minimize the light nuisance to the surroundings.</p>	



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
20141006	25,26 Sep 2014	ICC complaint (ICC Case Ref.: 2-469099657) received by ET on 06 October 2014	IEC flyover opposite to City Garden	Light originating from the flyover under Central-WanChai Bypass Project was emitted towards City Garden direction and caused light nuisance	<p>A public complaint regarding visual impact referred by RSS was received by ET on 6 October 2014 (ICC Case Ref.: 2-469099657 dated 26 September 2014). The complainant reported that on 25 September 2014 night and on 26 September 2014 at around 23:23 hrs, light originating from the flyover under Central-Wan Chai Bypass Project was emitted towards City Garden direction and caused light nuisance.</p> <p>ET confirmed with the Resident Site Staff that the light emission on 25 and 26 September 2014 at the concerned area was originated from the temporary lighting provided at the soffit of the permanent noise enclosure at the new Island Eastern Corridor (IEC) Eastbound which was necessary to provide sufficient illumination for the traffic operation on the new IEC Eastbound after the traffic diversion on 28 September 2014.</p> <p>According to the relevant information provided by RSS, the light emission on 25 and 26 September 2014 at the concerned location was originated from the temporary lighting provided at the soffit of the permanent noise enclosure at the new Island Eastern Corridor Eastbound.</p> <p>The lighting was necessary to provide sufficient illumination for the traffic operation on the new IEC Eastbound after traffic diversion on 28 September 2014. Nevertheless, in view of the public concern regarding light nuisance raised by the public, it is considered desirable for the Contractor to review the lighting arrangement and implement additional measures to minimize the nuisance caused to the surrounding receivers as far as practicable.</p>	Final Investigation report submitted on 9 October 2014.



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					<p>Follow-up inspection was conducted during weekly environmental inspection on 8 October 2014, additional measures including erection of green net and tarpaulin sheet were provided by the Contractor of HY/2009/19 at the concerned area as interim measure to minimize the nuisance caused to the surroundings. Further to the interim measure implemented by the Contractor of HY/2009/19, the Contractor of HY/2009/19 will replace the concerned temporary lighting with temporary lighting facing Victoria Harbour at the other side of the road to minimize the light nuisance to the surroundings.</p> <p>The Contractor of HY/2009/19 was suggested to review the lighting arrangement and implement additional measures to minimize the nuisance caused to the surroundings receivers as far as practicable.</p> <p>Additional measures including erection of green net and tarpaulin sheet were provided by the Contractor of HY/2009/19 at the concerned area as interim measure to minimize the nuisance caused to the surroundings and the Contractor of HY/2009/19 will replace the concerned temporary lighting with temporary lighting facing Victoria Harbour at the other side of the road to minimize the light nuisance to the surroundings.</p>	



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
20141010	07 Oct 2014	ICC complaint (ICC Case Ref.: 2-487376144) received by ET on 10 October 2014	IEC flyover opposite to City Garden	Light originating from the flyover under Central-WanChai Bypass Project was emitted towards City Garden direction and caused light nuisance	<p>ET confirmed with the Resident Site Staff that temporary lighting was provided at the concerned area at the soffit of the permanent noise enclosure at the new Island Eastern Corridor (IEC) Eastbound which was necessary to provide sufficient illumination for the traffic operation on the new IEC Eastbound after the traffic diversion on 28 September 2014.</p> <p>Temporary lighting was provided at the concerned area at the soffit of the permanent noise enclosure at the new Island Eastern Corridor (IEC) Eastbound which was necessary to provide sufficient illumination for the traffic operation on the new IEC Eastbound after the traffic diversion on 28 September 2014. In view of the public concern regarding light nuisance raised by the public, it is considered desirable for the Contractor to review the lighting arrangement and implement additional measures to minimize the nuisance caused to the surrounding receivers as far as practicable.</p> <p>During weekly environmental inspection on 8 October 2014, additional measures including erection of green net and tarpaulin sheet were provided by the Contractor of HY/2009/19 at the concerned area as interim measure to minimize the nuisance caused to the surroundings. Further to the interim measure implemented, on 13 October 2014 the Contractor of HY/2009/19 have replaced the concerned temporary lighting with temporary lighting facing Victoria Harbour at the other side of the road to minimize the light nuisance to the surroundings.</p>	Final investigation report submitted on 14 Oct 2014.



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					<p>The Contractor of HY/2009/19 was suggested to review the lighting arrangement and implement additional measures to minimize the nuisance caused to the surroundings receivers as far as practicable.</p> <p>Additional measures including erection of green net and tarpaulin sheet were provided by the Contractor of HY/2009/19 at the concerned area as interim measure and on 13 October 2014 the Contractor of HY/2009/19 have replaced the concerned temporary lighting with temporary lighting facing Victoria Harbour at the other side of the road to minimize the light nuisance to the surroundings.</p>	
141016	14 Oct 2014	EPD complaint EPD Ref.:H05/RS/00 025795-14) received by ET on 16 October 2014	work site next to new Wan Chai Ferry Pier and opposite to Wan Chai Sports Ground.	Construction noise like piling works was heard on 14 October 2014 night until 23:45 hrs. It was suspected that the noise was emanated from the work site next to new Wan Chai Ferry Pier and opposite to Wan Chai Sports Ground.	<p>A public complaint regarding construction noise impact referred by EPD was received by ET on 16 October 2014 (EPD Ref.: EP860/E2/24 Annex IV dated 16 October 2014).</p> <p>The complainant reported that construction noise like piling works was heard on 14 October 2014 night until 23:45 hrs. It was suspected that the noise was emanated from the work site next to new Wan Chai Ferry Pier and opposite to Wan Chai Sports Ground.</p> <p>ET confirmed with the Resident Site Staff that From 19:00hrs to 23:00hrs on 14 October 2014, dredging works was conducted under Contractor of HK/2009/02 at WCR3 Area.</p> <p>Total one grab dredger was in operation. Mitigation measures including provision of steel sheeting screening to the power generation part of the grab dredger was implemented by the Contractor of HK/2009/02.</p>	<p>Updated interim investigation with supplementary information submitted to EPD on 17 November 2014.</p> <p>EPD advised no further comment on the updated interim report and case closed on 27 Nov 2014.</p>



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					<p>From 23:00 hrs to 05:00 hrs, dredging works was conducted under Contractor of HK/2009/02 at WCR3 Area.</p> <p>Total one grab dredger was in operation. Mitigation measures including provision of steel sheeting screening to the power generation part of the grab dredger was implemented by the Contractor of HK/2009/02.</p> <p>From 23:00 hrs to 06:00hrs, panel replacement works was conducted under Contractor of HK/2009/02 at the Temporary Covered Walkway. Total one scissor platform and two hand held drills (battery) were in operation.</p> <p>From 23:00 hrs to 06:00hrs, trial pit works was conducted under Contractor of HK/2009/02 at Hung Hing Road. Total one crane lorry was in operation.</p> <p>According to the relevant site records under Contract HK/2009/02, from 19:00hrs to 23:00hrs on 14 October 2014, dredging works was conducted under Contractor of HK/2009/02 at WCR3 Area. Total one grab dredger was in operation. Mitigation measures including provision of steel sheeting screening to the power generation part of the grab dredger was implemented by the Contractor of HK/2009/02.</p> <p>From 23:00 hrs to 05:00 hrs, dredging works was conducted under Contractor of HK/2009/02 at WCR3 Area. Total one grab dredger was in operation. Mitigation measures including provision of steel sheeting screening to the power generation part of the grab dredger was implemented by the Contractor of HK/2009/02.</p>	



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					<p>From 23:00 hrs to 06:00hrs, panel replacement works was conducted under Contractor of HK/2009/02 at the Temporary Covered Walkway. Total one scissor platform and two hand held drills (battery) were in operation.</p> <p>From 23:00 hrs to 06:00hrs, trial pit works was conducted under Contractor of HK/2009/02 at Hung Hing Road. Total one crane lorry was in operation.</p> <p>In view of the above findings, no direct information associated with the noise concern was considered available.</p>	
20141108	07 Nov 2014	EPD complaint (EPD Ref.: H05/RS/00027 815-14) received by ET on 10 November 2014	Construction site at old Wan Chai Ferry Pier	Malodour of construction plant exhaust from the construction site at old Wan Chai Ferry Pier was scented that affecting the swimmers at Wan Chai Swimming Pool.	<p>A public complaint regarding odour concern referred by EPD was received by ET on 07 November 2014 (EPD Ref.: H05/RS/00027815-14 dated 10 November 2014).</p> <p>The complainant reported that Malodour of construction plant exhaust from the construction site at old Wan Chai Ferry Pier was scented that affecting the swimmers at Wan Chai Swimming Pool.</p> <p>ET confirmed with the Resident Site Staff that ELS works was conducted on 7 November 2014 during daytime at Portion 2 (Area oppsite to WanChai Swimming Pool).</p> <p>Total 3 nos. of excavators, 2 nos. of crawler cranes, 2 nos. of generator, 1 no. of crane lorry and 2 no. of dump trucks were operated.</p> <p>Demolition works was conducted on 7 November 2014 during daytime at West of old Wan Chai Ferry Pier.</p> <p>Total 2 nos. of excavators, 1 no. of derrick barge and 1 no. of tug boat were operated.</p>	<p>Interim investigation report submitted to EPD on 17 November 2014.</p> <p>EPD advised no comment on the interim report and case closed on 1 Dec 2014.</p>



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					<p>Dredging works was conducted on 7 November 2014 during daytime at WCR3 (East of old Wan Chai Ferry Pier)</p> <p>Total 1 no .of dredger, 1 no. of hopper and 1 no. of tug boat were operated.</p> <p>According to the relevant site records under Contract HK/2009/02, ELS works was conducted on 7 November 2014 during daytime at Portion 2 (Area oppsite to WanChai Swimming Pool). Total 3 nos. of excavators, 2 nos. of crawler cranes, 2 nos. of generator, 1 no. of crane lorry and 2 no. of dump trucks were operated. Demolition works was conducted on 7 November 2014 during daytime at West of old Wan Chai Ferry Pier. Total 2 nos. of excavators, 1 no. of derrick barge and 1 no. of tug boat were operated.</p> <p>Follow-up inspection was conducted during weekly environmental inspection on 13 November 2014, no dark smoke emission was observed from the PMEs operating on-site. The condition of chemical waste storage was considered satisfactory and no malodour was identified. Despite no information related to malodour was identified, the Contractor was reminded to conduct regular checking on the condition of PMEs to ensure only well maintained PMEs are used on site.</p> <p>Based on the relevant information provided by RSS, despite no information associated with the malodour concern was identified after investigation, the Contractor was reminded to conduct regular checking on the condition of PME used on site to ensure only well maintained PME are used on site</p> <p>The interim report would be submitted to EPD on 17 November 2014.</p>	



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
20141113	12 Nov 2014	EPD complaint (EPD Ref.: H05/RS/00028 253-14) received by ET on 13 November 2014	Construction site at old Wan Chai Ferry Pier	Malodour and dark smoke emission from an excavator located at the construction site at old Wan Chai Ferry Pier was observed that affecting the pedestrians.	<p>A public complaint regarding odour concern referred by EPD was received by ET on 13 November 2014 (EPD Ref.: H05/RS/00028253-14 dated 13 November 2014). The complainant reported that Malodour and dark smoke emission from an excavator located at the construction site at old Wan Chai Ferry Pier was observed that affecting the pedestrians. (Contract HK/2009/02)</p> <p>ET confirmed with the Resident Site Staff that demolition works was conducted under Contract HK/2009/02 on 12 November 2014 during daytime at old Wan Chai Ferry Pier. Total 2 nos. of excavators, 1 no. of derrick barge and 1 no. tug boat were operated.</p> <p>According to the relevant site records under Contract HK/2009/02, demolition works was conducted on 12 November 2014 during daytime at old Wan Chai Ferry Pier. Total 2 nos. of excavators, 1 no. of derrick barge and 1 no. tug boat were operated.</p> <p>In addition, investigation found that due to malfunctioning of one of the excavators deployed at old Wan Chai Ferry Pier, dark smoke was emitted from the defective excavator for a short period of approximately 30 seconds at around 15:00 hrs on 12 November 2014. The operation of excavator was immediately suspended and followed by repair works. The normal operation of the excavator was resumed after repair.</p> <p>Follow-up inspection was conducted during weekly environmental inspection on 13 November 2014, no dark smoke emission was observed from the PMEs operating on-site and the Contractor of HK/2009/02 was reminded to conduct regular checking on the condition of PMEs to ensure only well maintained PMEs are used on site.</p>	<p>Interim investigation report submitted to EPD on 19 November 2014.</p> <p>EPD advised no comment on the interim report and case closed on 8 Dec 2014.</p>



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
20150127	21 Jan 2015	EPD complaint (EPD Ref.: H05/RS/00001725-15) received by ET on 27 January 2015 and further information from EPD regarding the updated location under complaint was received by ET on 30 January 2015	A portion of Hung Hing Road immediately to the east of Marsh Road near SPCA	Construction dust and grit was emitted from the construction site to the carriageway causing nuisance to the public.	<p>A public complaint regarding air quality impact referred by EPD was received by ET on 27 January 2015 (EPD Case Ref.: H05/RS/00001725-15 dated 27 January 2015) and further information from EPD regarding the updated location under complaint was received by ET on 30 January 2015. The complainant reported that construction dust and grit was emitted from the construction site to the carriageway causing nuisance to the public.</p> <p>ET confirmed with the Resident Site Staff that the major construction activities around the concerned location conducted on 21 January 2015 include breaking of seawall blocks and D-wall at TPCWAW; concreting, grouting and drilling works at TPCWAW;reclamation/ backfilling works at TPCWAW</p> <p>Mitigation measures implemented by the Contractor for the above construction works include spraying haul road with water; covering bagged cement with tarpaulin; providing three sided and top covering for grouting stations; providing water spraying to dusty activities such as breaking works</p> <p>According to the relevant site records, breaking of seawall blocks and D-wall, concreting, grouting and drilling works and reclamation/ backfilling works were conducted at TPCWAW. Dust mitigation measures including spraying haul road with water, covering bagged cement with tarpaulin, providing three sided and top covering for grouting stations and water spraying to dusty activities such as breaking works were implemented by the Contractor of HY/2009/15 near the concerned location on 21 January 2015.</p>	Interim report submitted to EPD on 9 February 2015.



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



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



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					<p>In addition, it was noted that a section of the works area at the concerned location was not provided with site hoarding. Based on further review on relevant records it was noted that the works area at concerned section was either hard paved or have to maintain adequate line of sight due to traffic safety consideration. The Contractor of HK/2009/02 was advised to inform EPD with respect to the site constraint and provide relevant updated meeting records on the arrangement for review.</p> <p>In view of the public concern, the contractor has committed to conduct additional cleaning of the concerned public road section once a week to minimize potential nuisance caused to nearby road users. The contractor was also reminded to enhance the dust mitigation measures implemented to minimize potential nuisance to nearby public.</p>	



Appendix 10.1

Construction Programme of Individual Contracts

Activity ID	Activity Name	OD	RD	Start	Finish	% Comp	Total Float	2014		2015			
								Dec	Jan	Feb	Mar		
HK/2009/01 - Works Programme Rev.6E (Data Date: 20-Dec-14)													
Key Dates (Contractual)													
Major Works													
KD-0300	Completion of Section 3 of Works - CWB, Slip Roads 2 & 3 & Works in Area 8	0	0		11-Mar-15*	0%	0					◆ Compl	
KD-0400B	Completion of Outstanding Works for Section 4 - Salt Watermains	0	0		30-Jan-15	0%	562					◆ Completion of Outstanding Works for Section 4	
KD-0610	Completion of Section 6A of Works - Gov't Offices cooling water discharge	0	0		20-Dec-14*	0%	-62					◆ Completion of Section 6A of Works - Gov't Offices cooling water discharge	
KD-0620	Completion of Section 6B of Works - Great Eagle Centre cooling water discharge	0	0		20-Dec-14*	0%	-62					◆ Completion of Section 6B of Works - Great Eagle Centre cooling water discharge	
KD-0630	Completion of Section 6C of Works - China Resources Bldg cooling water discharge	0	0		20-Dec-14*	0%	-62					◆ Completion of Section 6C of Works - China Resources Bldg cooling water discharge	
KD-0800	Completion of Section 8 of Works - Works in Area 6	0	0		20-Dec-14*	0%	-44					◆ Completion of Section 8 of Works - Works in Area 6	
KD-1200	Completion of Section 12 of Works - Works in Area 10	0	0		20-Dec-14*	0%	-255					◆ Completion of Section 12 of Works - Works in Area 10	
KD-1300	Completion of Section 13 of Works - Works in Area 11	0	0		21-Jan-15*	0%	0					◆ Completion of Section 13 of Works - Works in Area 11	
Key Dates (Forecast Completion)													
Major Works													
KD-0405B	Completion of Outstanding Works for Section 4 - Salt Watermains & Works in Area 3	0	0		16-Jan-15	0%	576					◆ Completion of Outstanding Works for Section 4 - Salt Waterm	
KD-0805	Completion of Section 8 of Works - Works in Area 6	0	0		09-Apr-15	0%	-155					◆ Completion of Sec	
KD-1205	Completion of Section 12 of Works - Works in Area 10	0	0		28-Feb-15*	0%	0					◆ Completion of Sec	
KD-1305	Completion of Section 13 of Works - Works in Area 11	0	0		28-Feb-15*	0%	0					◆ Completion of Sec	
Preliminaries													
Method Statement & Design (Major) Approval by AECOM													
PRE-2000G	D-Wall Construction for CWB Tunnel (Stage 3)	60	1	05-Nov-13 A	20-Dec-14*	0%	-364					D-Wall Construction for CWB Tunnel (Stage 3)	
PRE-2030B	ELS for CWB Stage 2	30	1	20-Mar-14 A	17-Jan-15	0%	575					ELS for CWB Stage 2	
PRE-2030C	ELS for CWB Stage 3	30	30	19-Apr-14 A	16-Feb-15	0%	545					ELS for CWB Stage 3	
Statutory / Authority Approval													
PRE-3050B	ELS for CWB Tunneling Works Stage 2 (GEO)	28	28	21-Dec-14*	17-Jan-15	0%	-539					ELS for CWB Tunneling Works Stage 2 (GEO)	
PRE-3050C	ELS for CWB Tunneling Works Stage 3 (GEO)	28	28	20-Jan-15	16-Feb-15	0%	545					ELS for CWB Tunneling Work	
PRE-3050D	ELS for CWB Tunneling Works Stage 1b (GEO) for Bottom Up	28	1	20-Apr-11 A	20-Dec-14	0%	-539					ELS for CWB Tunneling Works Stage 1b (GEO) for Bottom Up	
PRE-3310	Stage 2 Tunnel Structure Design	60	60	20-Dec-14	17-Feb-15	0%	544					Stage 2 Tunnel Structure De	
PRE-3320	Stage 3 Tunnel Structure Design	60	60	20-Dec-14	17-Feb-15	0%	544					Stage 3 Tunnel Structure De	
Watermains Connection Submission Approval by WSD/Stakeholders													
PRE-3200C	Salt Water Mains (S3)	28	28	20-Dec-14*	16-Jan-15	0%	15					Salt Water Mains (S3)	
PRE-3200D	Salt Water Mains (S8)	28	28	20-Dec-14*	16-Jan-15	0%	-147					Salt Water Mains (S8)	
PRE-3200E	Salt Water Mains (S9)	28	28	20-Dec-14*	16-Jan-15	0%	-567					Salt Water Mains (S9)	
PRE-3200O	Cooling Watermains (BF)	28	28	20-Dec-14*	16-Jan-15	0%	-91					Cooling Watermains (BF)	
PRE-3200P	Cooling Watermains (BG)	28	28	20-Dec-14*	16-Jan-15	0%	-91					Cooling Watermains (BG)	
PRE-3200Q	Cooling Watermains (BI)	28	28	20-Dec-14*	16-Jan-15	0%	-91					Cooling Watermains (BI)	
Contractor's Design (CWB Diaphragm Wall)													
PRE-4020	Contractor's Detailed Design	30	1	09-Jul-11 A	20-Dec-14	40%	543					Contractor's Detailed Design	
PRE-4030	AECOM's and GEO's approval on Detailed Design	60	60	21-Dec-14	18-Feb-15	0%	543					AECOM's and GEO's appro	
Contractor's Design (PS1.94)													
PRE-5100C	Approval of ICCP of Cross-Harbour Mains - by AECOM & Relevant Authorities	9	0	04-Mar-11 A	20-Dec-14	100%	604					Approval of ICCP of Cross-Harbour Mains - by AECOM & Relevant Authorities	
TTA Implementation and Completion Summary Milestone													
Zone A2 (At Convention Avenue)													
TTAM-A2-1040D	TTA Completion - Zone A2-4B	0	0		12-Jan-15	0%	580					TTA Completion - Zone A2-4B	
Zone A3 (At Fenwick Pier Street)													
TTAM-A3-1030	TTA Completion - Combination of Zone A3-5D & A3-4D (Sewer)	0	0		24-Jan-15	0%	-146					TTA Completion - Combination of Zone A3-5D & A3-	
TTAM-A3-1040	TTA Implementation - Zone A3-2C (Sewer)	0	0	25-Jan-15		0%	-146					TTA Implementation - Zone A3-2C (Sewer)	
TTAM-A3-1050	TTA Completion - Zone A3-2C (Sewer)	0	0		27-Feb-15	0%	-152					TTA Completion -	
TTAM-A3-1060	TTA Implementation - Zone A3-2D (Sewer)	0	0	28-Feb-15		0%	-152					TTA Implementati	
TTAM-A3-1070	TTA Completion - Zone A3-2D (Sewer)	0	0		26-Mar-15	0%	507					TTA Completion -	
TTAM-A3-1090B	TTA Completion - Zone A3-5C - Salt Water	0	0		23-Jan-15	0%	569					TTA Completion - Zone A3-5C - Salt Water	
Zone A4 (At Convention Avenue)													
TTAM-A4-1120B	TTA Completion - Zone A4-2C	0	0		30-Jan-15	0%	-147					TTA Completion - Zone A4-2C	
Zone A5 (At Harbour Road)													
TTAM-A5-1050B	TTA Completion - Zone A5-6	0	0		30-Jan-15	0%	562					TTA Completion - Zone A5-6	

■ Remaining Work ■ Summary Bar
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■ Critical Remaining Work
◆ Milestone

CEDD CONTRACT NO. HK/2009/01
 Wan Chai Development Phase II - Central-Wan Chai Bypass at HKCEC (Contract 1)
WORKS PROGRAMME Rev.6E - 3 Month Programme starting from 20-Dec-14

Activity ID	Activity Name	OD	RD	Start	Finish	% Comp	Total Float	2014		2015		
								Dec	Jan	Feb	Mar	
Area X3 (Fleming Road b/w Harbour Road & Convention Avenue)												
TTAM-X3-1000B	TTA Completion - Zone X1-1	0	0		16-Jan-15	0%	-90					
Zone C (Expo Drive East)												
TTAM-C1-1000B	TTA Completion - Zone C1-1	0	0		20-Dec-14	0%	604					
TTAM-C1-1010D	TTA Completion - Zone C1-2A	0	0		20-Dec-14	0%	604					
TTAM-C3-1000B	TTA Completion - Zone C3-1	0	0		31-Jan-15	0%	561					
Section 3 of the Works - CWB Tunnel, Slip Roads 2 & 3, Works in Area 8												
CWB Tunnelling Works (Stage 1 : CH2947 - CH3045)												
Stage 1 - Tunnel Structure Works (Bay 1 to Bay 7 : Ch2947 - Ch 3045)												
Tunnel Structure at Stage 1A & 1B (CH2947 - CH3045)												
S3A-TS-2000	Tunnel Structures Works including Waterproofing and OHVD	300	11	28-Feb-14 A	30-Dec-14	0%	178					
S3A-TS-2080	Backfilling to formation level for Stage 1B (CH 80 to CH 120)	30	30	31-Dec-14	29-Jan-15	0%	178					
CWB Tunnelling Works (Stage 2 : Ch3045 - Ch3129)												
Stage 2 - Foundation Works (Bottom Up Method : CH3045 - CH3129 / CH120 - CH225)												
S3B-FW-1040C	ELS for Exhaust Duct (~-5.0mPD)	170	71	27-Jun-14 A	28-Feb-15	0%	455					
Stage 2 - Excavation Works (For Bottom Slab Construction : CH3045 - CH3129)												
S3B-EW-1000A	Stage 2 ELS - excavate to approx. +0.5mPD and installation of 1st layer strut/waling	84	1	19-May-14 A	20-Dec-14	0%	603					
S3B-EW-1000B	Stage 2 ELS - excavate to approx. -3.0mPD and installation of 2nd layer strut/waling (15,000	46	1	19-Sep-14 A	20-Dec-14	0%	603					
S3B-EW-1000C	Stage 2 ELS - excavate to approx. -6.4mPD and installation of 3rd layer strut/waling (16,500	70	1	19-Sep-14 A	20-Dec-14	0%	603					
S3B-EW-1000D	Stage 2 ELS - excavate to approx. -10.0mPD (17,500m3)	50	1	19-Sep-14 A	20-Dec-14	0%	-73					
Stage 2 - Tunnel Structure Works (Bay 8 to Bay 10 : CH3045 - CH3129)												
S3B-TS-1010	Bay 7 Base Slab	14	14	21-Dec-14	03-Jan-15	0%	-73					
S3B-TS-1020	Bay 8 Base Slab	14	14	05-Jan-15	18-Jan-15	0%	-73					
S3B-TS-1030	Bay 9 Base Slab	14	14	22-Dec-14	04-Jan-15	0%	-73					
S3B-TS-1040	Bay 10 Base Slab	14	14	06-Jan-15	19-Jan-15	0%	-73					
S3B-TS-1050	Removal of 2nd and 3rd layer of Strut/Waling	15	15	25-Jan-15	08-Feb-15	0%	-73					
S3B-TS-1060	Bay 7 & 8 Wall	14	14	09-Feb-15	22-Feb-15	0%	-73					
S3B-TS-1070	Bay 9 & 10 Wall	14	14	14-Feb-15	27-Feb-15	0%	-73					
S3B-TS-1080	Construction of Exhaust Duct (CH3045 - CH3129)	45	45	21-Dec-14	03-Feb-15	0%	-35					
S3B-TS-1090	Backfilling at Northern Side from -10mPD to -2mPD (Slip Road 2 - 4700cu.m)	21	21	14-Mar-15	03-Apr-15	0%	-73					
S3B-TS-1100	Backfilling at Southern Side from -10mPD to -2mPD (Slip Road 3 - 4000cu.m)	21	21	22-Feb-15	14-Mar-15	0%	-53					
S3B-TS-1110	Bay 7 & 8 Wall and OHVD Base Slab	10	10	23-Feb-15	04-Mar-15	0%	-73					
S3B-TS-1120	Bay 9 & 10 Wall and OHVD Base Slab	10	10	28-Feb-15	09-Mar-15	0%	-73					
S3B-TS-1130	Bay 7 & 8 OHVD Wall Stem and Bay 7 & 8 Top Slab	10	10	05-Mar-15	14-Mar-15	0%	-68					
S3B-TS-1140	Bay 9 & 10 OHVD Wall Stem and Bay 9 Top Slab	10	10	10-Mar-15	19-Mar-15	0%	-73					
S3B-TS-1160	Construction of Slip Road 2 & 3 Base Slab (CH3045 - CH3129)	14	14	04-Apr-15	17-Apr-15	0%	-73					
S3B-TS-2000A	Construction of Exhaust Duct (CH2988 - CH3045)	48	48	01-Mar-15	17-Apr-15	0%	455					
S3B-TS-2000B	Construction of Slip Road 3 (CH2988 - CH3045) above Exhaust Duct including backfilling	30	30	18-Apr-15	17-May-15	0%	455					
CWB Tunnelling Works (Stage 3 : Ch3129 - Ch3245)												
Stage 3 - Reclamation Works												
S3C-MW-1400	Removal of Remaining Type II & I Material during Stage 3 Excavation	45	45	20-Dec-14	02-Feb-15	0%	-144					
Stage 3 - Excavation Works (Ch3129 - Ch3245)												
Excavation Works at Stage 3												
S3C-EW-1000	Excavation to +0mPD (approx 21,400m3) including strut/waling installation	40	12	03-Sep-14 A	31-Dec-14	0%	592					
S3C-EW-1010	Excavation to -4.0 mPD (approx 26,600m3) including strut/waling installation	96	43	03-Sep-14 A	31-Jan-15	0%	-271					
S3C-EW-1010C	Installation of Dewatering Well (24nos.) and Pumping Test	45	46	12-Dec-14 A	03-Feb-15	0%	558					
S3C-EW-1010D	Excavation to -16mPD (approx 55,000m3)	125	43	15-Dec-14 A	31-Jan-15	0%	-142					
Stage 3 - Tunnel Structure Works (Bay 11 to Bay 17 : Ch3129 - Ch3245)												
Tunnel Structure at Stage 3A (Top Slab Construction : CH3185 - CH3246)												
S3C-TS-1100	Stage 3A - Bay 15, 16, 17 & 18 Top Slab (CH3185 - CH3223 : 38m Long)	30	30	01-Feb-15	02-Mar-15	0%	-271					
Tunnel Structure at Stage 3A & 3B (CH3129 - CH3245)												
S3C-TS-2000	Bay 11 Slip Road 3 Sump Pit Base Slab	14	13	03-Feb-15	15-Feb-15	0%	453					
S3C-TS-2000A	Bay 11 Slip Road 3 Sump Pit Wall	7	7	16-Feb-15	22-Feb-15	0%	453					
S3C-TS-2000B	Backfill to the Base Slab of Slip Road 3	10	10	23-Feb-15	04-Mar-15	0%	453					
S3C-TS-2000C	Remove 2nd and 3rd layer of Strut and Waling (Bay 11)	7	7	05-Mar-15	11-Mar-15	0%	453					

█ Remaining Work █ Summary Bar
█ Actual Work
█ Summary Bar
█ Critical Remaining Work
◆ Milestone

Activity ID	Activity Name	OD	RD	Start	Finish	% Comp	Total Float	2014			2015		
											Qtr 1		
								Dec	Jan	Feb	Mar		
S3C-TS-2000C	Bay 11 Slip Road 3 Base Slab and Pump Room Base Slab	14	14	12-Mar-15	25-Mar-15	0%	453						
S3C-TS-2000D	Bay 11 Slip Road 3 Pump Room Wall	7	7	26-Mar-15	01-Apr-15	0%	453						
S3C-TS-2000E	Bay 11 Slip Road 3 Elec. Room Base Slab	14	14	02-Apr-15	15-Apr-15	0%	453						
S3C-TS-2000F	Bay 11 Slip Road 3 Wall & OHVD Base Slab	10	10	16-Apr-15	25-Apr-15	0%	453						
S3C-TS-2000G	Bay 11 CWB Base Slab	14	14	02-Jan-15	15-Jan-15	0%	475						
S3C-TS-2000H	Bay 11 CWB Wall	7	7	12-Mar-15	18-Mar-15	0%	470						
S3C-TS-2000I	Bay 11 CWB Wall and OHVD Base Slab	10	10	19-Mar-15	28-Mar-15	0%	491						
S3C-TS-2000J	Bay 11 CWB OHVD Wall Stem and Top Slab	14	14	29-Mar-15	11-Apr-15	0%	491						
S3C-TS-2000K	Backfilling to formation of Slip Road 2	10	10	19-Mar-15	28-Mar-15	0%	470						
S3C-TS-2000L	Bay 11 Slip Road 2 Base Slab	14	14	29-Mar-15	11-Apr-15	0%	470						
S3C-TS-2000M	Bay 11 Slip Road 2 Wall	7	7	12-Apr-15	18-Apr-15	0%	470						
S3C-TS-2000N	Bay 11 Slip Road 2 Top Slab	14	14	19-Apr-15	02-May-15	0%	470						
S3C-TS-2010	Bay 12 CWB Base Slab	14	14	17-Feb-15	02-Mar-15	0%	443						
S3C-TS-2010A	Remove 2nd and 3rd layers of Strut/Waling (Bay 12)	7	7	08-Mar-15	14-Mar-15	0%	443						
S3C-TS-2010B	Bay 12 CWB Wall	14	14	15-Mar-15	28-Mar-15	0%	443						
S3C-TS-2010C	Backfilling to formation of Slip Road 2 & 3	10	10	29-Mar-15	07-Apr-15	0%	447						
S3C-TS-2010D	Bay 12 Slip Road 2 & 3 Base Slab	10	10	12-Apr-15	21-Apr-15	0%	443						
S3C-TS-2010E	Bay 12 CWB Wall & OHVD Base Slab	14	14	29-Mar-15	11-Apr-15	0%	443						
S3C-TS-2010F	Bay 12 CWB OHVD Wall Stem and Top Slab	14	14	12-Apr-15	25-Apr-15	0%	477						
S3C-TS-2020	Bay 13 CWB and Slip Road 3 Base Slab	14	14	03-Feb-15	16-Feb-15	0%	-144						
S3C-TS-2020A	Backfilling to formation of Slip Road 2	10	10	17-Feb-15	26-Feb-15	0%	478						
S3C-TS-2020B	Remove 2nd and 3rd layers of Strut/Waling (Bay 13)	7	7	27-Feb-15	05-Mar-15	0%	478						
S3C-TS-2020C	Bay 13 CWB & Slip Road 3 Wall and Slip Road 2 Base Slab	14	14	06-Mar-15	19-Mar-15	0%	478						
S3C-TS-2020D	Bay 13 CWB & Slip Road 3 Wall & OHVD Base Slab and Slip Road 2 Wall	21	21	20-Mar-15	09-Apr-15	0%	478						
S3C-TS-2020E	Bay 13 CWB & Slip Road 3 Top Slab and Slip Road 2 Wall & OHVD Base Slab	14	14	10-Apr-15	23-Apr-15	0%	478						
S3C-TS-2030	Bay 14 CWB, Sump Pump and Slip Road 3 Base Slab	14	14	17-Feb-15	02-Mar-15	0%	-144						
S3C-TS-2030A	Bay 14 Sump Pump Wall	10	10	03-Mar-15	12-Mar-15	0%	-144						
S3C-TS-2030B	Backfill to formation of Slip Road 2	10	10	13-Mar-15	22-Mar-15	0%	-144						
S3C-TS-2030C	Bay 14 Slip Road 2 Base Slab	14	14	23-Mar-15	05-Apr-15	0%	-144						
S3C-TS-2030D	Remove 2nd and 3rd layer of Strut/Waling (Bay 14)	7	7	11-Apr-15	17-Apr-15	0%	-144						
S3C-TS-2030E	Bay 14 CWB and Slip 3 Road Wall and Pump Room Base Slab	14	14	18-Apr-15	01-May-15	0%	-144						
S3C-TS-2090	Bay 20 Slip Road 3 Base Slab	10	10	03-Feb-15	12-Feb-15	0%	495						
S3C-TS-2090A	Bay 20 CWB & Slip Road 2 Base Slab and Slip Road 3 Wall	14	14	25-Jan-15	07-Feb-15	0%	500						
S3C-TS-2090B	Remove 2nd and 3rd layer of Strut/Waling (Bay 20)	7	7	18-Feb-15	24-Feb-15	0%	495						
S3C-TS-2090C	Bay 20 CWB & Slip Road 2 Wall and Slip Road 3 Wall & OHVD Base Slab	14	14	25-Feb-15	10-Mar-15	0%	495						
S3C-TS-2090D	Bay 20 CWB & Slip Road 2 Wall & OHVD Base Slab and Slip Road 3 Top Slab	14	14	11-Mar-15	24-Mar-15	0%	495						
S3C-TS-2090E	Bay 20 CWB & Slip Road 2 Top Slab	14	14	25-Mar-15	07-Apr-15	0%	495						
S3C-TS-2100	Bay 16 & Bay 18 Slip Road 3 Base Slab	14	14	03-Feb-15	16-Feb-15	0%	-131						
S3C-TS-2100A	Bay 16 & Bay 18 CWB & Slip Road 2 Base Slab and Slip Road 3 Wall	21	21	01-Feb-15	21-Feb-15	0%	-139						
S3C-TS-2100B	Remove 2nd and 3rd layer of Strut/Waling (Bay 16 & Bay 18)	14	14	27-Feb-15	12-Mar-15	0%	465						
S3C-TS-2100C	Bay 16 & Bay 18 CWB & Slip Road 2 Wall and Slip Road 3 Wall & OHVD Base Slab	21	21	13-Mar-15	02-Apr-15	0%	465						
S3C-TS-2100D	Bay 16 & Bay 18 CWB & Slip Road 2 Wall & OHVD Base Slab and Slip Road 3 OHVD Wall	21	21	03-Apr-15	23-Apr-15	0%	465						
S3C-TS-2110	Bay 15, 17 & 19 Slip Road 3 Base Slab	21	21	17-Feb-15	09-Mar-15	0%	-131						
S3C-TS-2110A	Bay 15, 17 & 19 CWB & Slip Road 2 Base Slab and Slip Road 3 Wall	24	24	22-Feb-15	17-Mar-15	0%	-139						
S3C-TS-2110B	Remove 2nd and 3rd layer of Strut/Waling (Bay Bay 15, 17 & 19)	14	14	23-Mar-15	05-Apr-15	0%	-139						
S3C-TS-2110C	Bay 15, 17 & 19 CWB & Slip Road 2 Wall and Slip Road 3 Wall & OHVD Base Slab	24	24	06-Apr-15	29-Apr-15	0%	-139						
Section 4 of the Works - Salt Water Mains, Works in Area 3													
S8B (DN800) Salt Watermains													
S4-1000	Zone A4-2C - S8B (20m)	45	7	24-Sep-14 A	26-Dec-14	0%	-132						
S4-1010C	Zone A4-2B - S8B (20m)	48	7	07-Oct-13 A	26-Dec-14	0%	-132						
S4-1010D	Zone A4-2Brev - S8B (10m)	21	7	14-Mar-14 A	26-Dec-14	100%	-132						
Testing and Commissioning													
S4-1500	Pressure Test of S8B	6	6	27-Dec-14	01-Jan-15	0%	-132						
S4-1510	Cleaning of S8B	7	7	02-Jan-15	08-Jan-15	0%	-132						
S4-1520	Connection to Existing Mains (S8B)	7	7	17-Jan-15	23-Jan-15	0%	-147						

█ Remaining Work █ Summary Bar
█ Actual Work
█ Summary Bar
█ Critical Remaining Work
◆ Milestone

CEDD CONTRACT NO. HK/2009/01
 Wan Chai Development Phase II - Central-Wan Chai Bypass at HKCEC (Contract 1)
 WORKS PROGRAMME Rev.6E - 3 Month Programme starting from 20-Dec-14

Activity ID	Activity Name	OD	RD	Start	Finish	% Comp	Total Float	2014		2015			
								Dec	Jan	Qtr 1		Feb	Mar
S9 (DN450) Salt Watermains & Sewer													
S4-2080	Zone A2-4B - S9 (8m) - Testing point	24	16	04-Dec-13 A	10-Jan-15	100%	453						
S4-2120	Zone A3-5C - S9 (8m) - Testing point	14	14	16-Jul-13 A	10-Jan-15	0%	464						
Testing and Commissioning													
S4-2500	Pressure Test of S9	6	6	11-Jan-15	16-Jan-15	0%	569						
S4-2510	Cleaning of S9	7	7	17-Jan-15	23-Jan-15	0%	569						
S4-2520	Connection to Existing Mains (S9)	7	7	17-Jan-15	23-Jan-15	0%	569						
Section 6A of the Works - Cooling Water Discharge System (3 nos. Govt Towers)													
S6A-1200	Zone X1-1 - CHBF (11m)	21	21	27-Dec-14	16-Jan-15	0%	-112						
S6A-1220	Zone X1-3 - CHBF (7m)	21	21	14-Apr-15	04-May-15	0%	-241						
S6A-1230	Zone X1-4A - CHBF (21m) & S3 (21m) Connection Point	24	115	20-Jan-14 A	13-Apr-15	100%	-241						
S6A-1240	Zone C3-1 - CHBF (16m) Test and Connection Point	60	43	22-Jun-14 A	31-Jan-15	0%	-127						
Section 6B of the Works - Cooling Water Intake & Discharge System (Great Eagle / Harbour Centre)													
S6B-1220	Zone C3-1 - CHBG (16m) Test and Connection Point	60	43	22-Jun-14 A	31-Jan-15	0%	-127						
Section 6C of the Works - Cooling Water Discharge System (China Resources Building)													
S6C-1600	Zone C3-1 - CHBI (16m) Test and Connection Point	60	43	22-Jun-14 A	31-Jan-15	0%	-127						
Common Works for Sections 6A, 6B & 6C													
Discharge Outfall Construction													
S6-1030	Connection of the Completed Cooling Mains to Precast Outfall Unit	0	0		07-Feb-15*	0%	0						
S6-1040	Reinstatement of Existing Seawall after Connection	30	30	08-Feb-15	09-Mar-15	0%	524						
Section 8 of the Works - Works in Area 6 (Utilities other than Watermains in Fenwick Pier Street)													
Sewerage Works													
S8-1030	Zone A3-5D & A3-4D	23	28	10-Jan-14 A	24-Jan-15	100%	-120						
S8-1040	Zone A3-2C	23	23	26-Jan-15	27-Feb-15	0%	-120						
S8-1050	Zone A3-2D	23	23	28-Feb-15	26-Mar-15	0%	-120						
S8-2500	CCTV Survey	1	1	27-Mar-15	27-Mar-15	0%	-120						
S8-3000	Connection with Upstream Existing Manhole & Abandon Used Pipe	7	7	28-Mar-15	09-Apr-15	0%	-120						
Section 9 of the Works - Remaindar of the Works													
Box Culvert Construction													
S9-1030	Construction of Precast Bay 1	76	12	25-Sep-14 A	31-Dec-14	84.21%	592						
S9-1040A	Installation of Sheet Pile / ELS and Construction for Bay 7	180	43	07-Sep-14 A	31-Jan-15	0%	-166						
S9-1040B	Installation of Sheet Pile / ELS and Construction for Bay 2	180	43	11-Oct-14 A	31-Jan-15	0%	-166						
S9-1050	Construction of Bay 3 to Bay 6 incl. top slab waterproofing works	75	75	03-Mar-15	16-May-15	0%	-271						
Waterworks in Area 9													
Salt Water Mains (S3, S5A & S5B)													
S9-5500A	Zone X1-1 - S3 (5m)	0	0		16-Jan-15	0%	-90						
Fresh Water Mains (F3)													
S9-7040	Zone X1-1 - F3 (5m)	0	0		16-Jan-15	0%	1						
Section 13 of the Works - Works in Area 11 (other than Section 11)													
S13-3000	Completion of Backfilling to +5.0mPD	0	0		20-Dec-14	0%	70						
Section 9A of the Works - Landscape Softworks in Area 9													
S9A-1000	Transplanting at Expo Drive East and Convention Avenue Junction	180	180	20-Dec-14	17-Jun-15	0%	59						

- Remaining Work
- Summary Bar
- Summary Bar
- Critical Remaining Work
- Milestone

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

Activity ID	Activity Name	Start	Finish	Remaining Duration	Activity % Complete	2014		2015		
						Nov	Dec	Jan	Feb	Mar
Total		11-Nov-13 A	20-Jul-15	183						
HK/2012/08 3M Rolling Programme (Dec 2014 to Feb 2015) Based on Rev3/		11-Nov-13 A	20-Jul-15	183						
Dredging and Reclamation		24-Nov-14 A	21-Apr-15	110						
Marine Work Construction		24-Nov-14 A	21-Apr-15	110						
Dredging		01-Dec-14	21-Apr-15	110						
Dredging - Zone A1		31-Dec-14	15-Jan-15	12						
MAR10220	Zone A1 - Install shear pins to existing bored piles	31-Dec-14	15-Jan-15	12	0%					
Dredging - Zone D		01-Dec-14	21-Apr-15	110						
MAR12640	Zone D - Remove existing rock armour [S12-S14]	30-Jan-15	21-Apr-15	60	0%					
MAR12685	Zone D - Final Hydrographic Survey [R11-R12]	01-Dec-14	06-Dec-14	6	0%					
Seawall Construction		24-Nov-14 A	13-Mar-15	81						
Seawall Construction - Zone D		24-Nov-14 A	13-Mar-15	81						
MAR11839	Zone D - fill temp. rock bund at Seawall 1C - fill rock to +4.0mPD	21-Dec-14	22-Dec-14	2	0%					
MAR11844	Zone D - lay toe block and level stone for Seawall 2	12-Dec-14	22-Dec-14	9	0%					
MAR11845	Zone D - fill rock mound for Seawall 1A-L	09-Jan-15	18-Jan-15	10	0%					
MAR11847	Zone D - lay toe block and level stone for Seawall 1A-L	19-Jan-15	26-Jan-15	7	0%					
MAR11854	Zone D - fill temp. rock bund at Seawall 2 - fill rock to +4.0mPD	11-Feb-15	12-Feb-15	2	0%					
MAR11858	Zone D - fill rock mound for Seawall 9	19-Jan-15	03-Feb-15	14	0%					
MAR11888	Zone D - Caisson Seawall 2F - fill type A rockfill (-10mPD to +1.3mPD)	24-Nov-14 A	03-Dec-14	3	80%					
MAR11890	Zone D - Caisson Seawall 2F - lay geotextile and filter (-10mPD to +1.3mPD)	27-Nov-14 A	08-Dec-14	6	10%					
MAR11945	Zone D - Caisson Seawall 1C - fill type A rockfill (-10mPD to +1.3mPD)	29-Nov-14 A	13-Dec-14	12	7.69%					
MAR11947	Zone D - Caisson Seawall 1C - lay geotextile and filter (-10mPD to +1.3mPD)	15-Dec-14	20-Dec-14	6	0%					
MAR11980	Zone D - deliver and Install Caisson Seawall 2	23-Dec-14	25-Dec-14	3	0%					
MAR12000	Zone D - Caisson Seawall 1A & 2 - fill type A rock fill (-6.65mPD to +1.3mPD)	30-Jan-15	03-Feb-15	4	0%					
MAR12010	Zone D - Caisson Seawall 1A & 2 - lay geotxtile and filter (-6.65 to +1.3mPD)	04-Feb-15	10-Feb-15	6	0%					
MAR12220	Zone D - deliver and Install Caisson Seawall 1A-L	27-Jan-15	29-Jan-15	3	0%					
MAR20575	Zone D - TTA for demolish existing seawall (for seawall 11)	29-Jan-15	05-Feb-15	7	0%					
MAR20578	Zone D - demolish existing seawall	06-Feb-15	13-Mar-15	26	0%					
Filling		17-Dec-14	18-Mar-15	71						
Filling - Zone D		17-Dec-14	18-Mar-15	71						
MAR12040	Zone D - Sorted Public Fill up to +4.0mPD (south area behind caisson 2F and 1C)	17-Dec-14	31-Dec-14	11	0%					
MAR12045	Zone D - Sorted Public Fill up to +4.0mPD (south area behind caisson 1A and 2)	04-Feb-15	05-Feb-15	2	0%					
MAR12050	Zone D - 1st stage - Remove/Trim Down Existing Seawall	02-Jan-15	18-Mar-15	60	0%					
Works for Section Completion		11-Nov-13 A	20-Jul-15	183						
Construction		11-Nov-13 A	20-Jul-15	183						
Section II - MVB Structure		12-May-14 A	31-Mar-15	96						
MVB Substructure - Diaphragm Wall and Bored Pile		12-May-14 A	28-Jan-15	48						
SII10480	Sec II - MVB A - construct Dwall [P1-P12, P34-P41] (1.5m thk on rock)	28-May-14 A	05-Dec-14	5	97.18%					
SII10540	Sec II - MVB B - construct Dwall [P13-P33] (1.5m thk on rock)	12-May-14 A	05-Dec-14	5	97.33%					
SII10560	Sec II - MVB A&B - precaution grout / fissure grout	14-Oct-14 A	23-Dec-14	20	60%					
SII10565	Sec II - MVB A&B - Interface Core / Sonic Test	18-Oct-14 A	31-Dec-14	25	50%					

- █ Actual Work
- █ Remaining Work
- █ Critical Remain...
- ◆ Milestone

Project Star :22-Jan-13
Project End: 21-Jul-18
Date Date: 30-Nov-14

3 Month Rolling Programme (Non-CRIII Area)

December 2014 to February 2015

Date	Revi...	Chec...	Approved
30-No...	3MRP		

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Activity ID	Activity Name	Start	Finish	Remaining Duration	Activity % Complete	2014		2015		
						Nov	Dec	Jan	Feb	Mar
SII10570	Sec II - MVB A&B - Install pumping well/observation well	01-Dec-14	05-Jan-15	28	0%		-----			
SII10580	Sec II - MVB A&B - pumping test for Dwall	06-Jan-15	23-Jan-15	18	0%			-----		
SII10600	Sec II - MVB A&B - pumping test for precaution grout curtain and fissure grout	06-Jan-15	23-Jan-15	18	0%			-----		
SII10610	Sec II - MVB A&B - Install shear pin on Dwall panel P18-P33 & P33A	16-Oct-14 A	02-Jan-15	26	40%	-----	-----			
SII10615	Sec II - MVB A&B - Install king post	17-Dec-14	03-Jan-15	12	0%		-----			
SII10620	Sec II - MVB C - Construct Guide Wall [P42-P43]	03-Dec-14	09-Dec-14	6	0%		-----			
SII10622	Sec II - MVB C - construct Dwall [P42-P43] (1.5m thk on rock)	10-Dec-14	28-Jan-15	40	0%		-----	-----		
MVB Substructure - Diaphragm Wall - Construction Sequences		14-Nov-14 A	13-Dec-14	12						
Group 1		28-Nov-14 A	13-Dec-14	12						
SII-10210	Sec II - MVB - Dwall P25	28-Nov-14 A	13-Dec-14	12	50%		-----			
Group 2		17-Nov-14 A	09-Dec-14	8						
SII-10325	Sec II - MVB - Dwall P23	17-Nov-14 A	09-Dec-14	8	55%	-----	-----			
Group 3		14-Nov-14 A	08-Dec-14	6						
SII-10480	Sec II - MVB - Dwall P39	14-Nov-14 A	08-Dec-14	6	70%	-----	-----			
MVB Substructure - Bored Pile and Prebored H-Pile		26-Jun-14 A	31-Mar-15	96						
SII10340	Sec II - MVB A&B - Construct bored piles	26-Jun-14 A	17-Dec-14	15	90%	-----	-----			
SII10360	Sec II - MVB A&B - bored pile sonic test, interface core & full core	04-Oct-14 A	10-Jan-15	33	63.33%	-----	-----			
SII10380	Sec II - MVB C - predrilling for prebored H-piles	07-Jan-15	03-Feb-15	24	0%			-----		
SII10400	Sec II - MVB C - construct prebored H-piles	25-Feb-15	31-Mar-15	30	0%				-----	
MVB Substructure - Bored Pile - Construction Sequences		22-Nov-14 A	17-Dec-14	15						
Group 1		22-Nov-14 A	15-Dec-14	13						
SII-11200	Ssec II - MVB - Bored Pile BC7	01-Dec-14	15-Dec-14	13	0%		-----			
SII-11210	Ssec II - MVB - Bored Pile BC9	01-Dec-14 A	13-Dec-14	11	25%		-----			
SII-11240	Ssec II - MVB - Bored Pile BC18	22-Nov-14 A	08-Dec-14	7	55%	-----	-----			
Group 2		01-Dec-14	17-Dec-14	15						
SII-11160	Ssec II - MVB - Bored Pile BC15	01-Dec-14	17-Dec-14	15	0%		-----			
MVB Substructure - Structural Works for Portion A		12-Jan-15	27-Feb-15	36						
SII10820	Sec II - MVB A - Excavation down to +1.7mPD	12-Jan-15	19-Jan-15	7	0%			-----		
SII10840	Sec II - MVB A - Install Strut L1 at +2.7mPD	20-Jan-15	29-Jan-15	9	0%			-----		
SII10860	Sec II - MVB A - Excavation down to -1.5mPD	30-Jan-15	10-Feb-15	10	0%				-----	
SII10880	Sec II - MVB A - Install Strut L2 at -1.0mPD	11-Feb-15	27-Feb-15	10	0%				-----	
MVB Substructure - Structural Works for Portion B		12-Jan-15	10-Mar-15	45						
SII11440	Sec II - MVB B: Excavation down to +1.7mPD	12-Jan-15	19-Jan-15	7	0%			-----		
SII11460	Sec II - MVB B: Install Strut L1 at +2.7mPD	20-Jan-15	29-Jan-15	9	0%			-----		
SII11480	Sec II - MVB B: Excavation down to -1.0mPD	30-Jan-15	07-Feb-15	8	0%				-----	
SII11500	Sec II - MVB B: Install Strut L2 at 1.0mPD	09-Feb-15	24-Feb-15	9	0%				-----	
SII11520	Sec II - MVB B: Excavation down to -5.5mPD	25-Feb-15	10-Mar-15	12	0%				-----	
Section II A - CWB Tunnel & Slip Road Structures and Facilities		04-Aug-14 A	20-Jul-15	183						
Section II A - CWB Tunnel - Design, Submission and Approval		08-Dec-14	03-Mar-15	86						
SIIA10500	CWB Tunnel - Temp work design for bulk exc & ELS - ICE check & issue check cert	08-Dec-14	02-Jan-15	26	0%		-----			
SIIA10520	CWB Tunnel - Temp work design for bulk exc & ELS - Eng comment & approve	03-Jan-15	28-Jan-15	26	0%			-----		
SIIA10540	CWB Tunnel - Temp work design for tunnel structural works - prepare & submit to ICE	08-Dec-14	05-Feb-15	60	0%		-----	-----		
SIIA10560	CWB Tunnel - Temp work design for tunnel structural works - ICE check & issue check cert	06-Feb-15	03-Mar-15	26	0%				-----	
CWB CRIII & A1		22-Sep-14 A	15-Jun-15	155						
CWB CRIII & A1 - Dwall and Pile Construction		22-Sep-14 A	28-Jan-15	47						
SIIA11120	Sec II A - CWB A1 - construct temporary DWall and temp bulk head wall	22-Sep-14 A	31-Dec-14	24	68%	-----	-----			

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Activity ID	Activity Name	Start	Finish	Remaining Duration	Activity % Complete	2014		2015		
						Nov	Dec	Jan	Feb	Mar
SIIA11140	Sec II A - CWBA1 - Construct pre-bored H-pile	31-Oct-14 A	10-Jan-15	33	43.1%					
SIIA11165	SIIA - CWB A1 - install shear pins to existing bored piles	31-Dec-14	15-Jan-15	12	0%					
SIIA11220	Sec II A - CWBA1 - D-wall Sonic test	15-Dec-14	09-Jan-15	20	0%					
SIIA11240	Sec II A - CWBA1 - install dewater/ recharge / observation well	13-Dec-14	15-Jan-15	25	0%					
SIIA11255	Sec II A - CWBA1- pumping test (CRIII, A1)	15-Jan-15	28-Jan-15	11	0%					
CWB CRIII & A1 - Tunnel Structure		24-Jan-15	15-Jun-15	111						
SIIA11280	Sec II A - CWBA1: Shoring & Excavation	24-Jan-15	15-Jun-15	111	0%					
SIIA11300	Sec II A - CWBA1: Roof slab (1st bay)	17-Feb-15	03-Apr-15	35	0%					
CWB A2 & B		10-Sep-14 A	01-Jun-15	143						
CWB A2 & B - Dwall Construction		10-Sep-14 A	01-Jun-15	143						
SIIA11480	Sec II A - CWB B: ground treatment	10-Sep-14 A	05-Dec-14	5	91.67%					
SIIA11500	Sec II A - CWB B: construct Guide Wall	25-Oct-14 A	03-Dec-14	3	90%					
SIIA11520	Sec II A - CWB B: Construct Permanent DWall and barrette (1.2m thk on rock)	30-Oct-14 A	26-Feb-15	68	26.88%					
SIIA11525	Sec II A - CWB B: Construct temp Dwall (1.2m thk)	29-Jan-15	24-Apr-15	65	0%					
SIIA11540	Sec II A - CWB B: Construct pre-bored H-pile	29-Jan-15	24-Apr-15	65	0%					
SIIA11560	Sec II A - CWB B: Ground treatment to Stop End (MTR CWL)	27-Feb-15	02-Apr-15	30	0%					
SIIA11580	Sec II A - CWB B: Dwall sonic test / interface core	30-Dec-14	07-May-15	100	0%					
SIIA11600	Sec II A - CWB B: Dwall precaution grout / fissure grout / grout curtain	30-Dec-14	07-May-15	100	0%					
SIIA11620	Sec II A - CWB B: Install dewatering/ recharging/ observation well	30-Dec-14	01-Jun-15	120	0%					
SIIA13340	Sec II A - CWB A2(1): Predrilling for Dwall & piles	01-Dec-14	04-Feb-15	54	0%					
SIIA13360	Sec II A - CWB A2(1): ground pretreatment	08-Dec-14	02-Feb-15	46	0%					
SIIA13380	Sec II A - CWB A2(1): Guide Wall	10-Dec-14	26-Feb-15	60	0%					
SIIA13400	Sec II A - CWB A2(1): construct temp DWall (1.2m thk) and temp bulk head wall	12-Jan-15	11-May-15	93	0%					
CWB C		04-Aug-14 A	30-May-15	142						
CWB C - Dwall Construction		04-Aug-14 A	30-May-15	142						
SIIA11880	Sec II A - CWB CW: Predrilling for Dwall & piles	04-Aug-14 A	13-Dec-14	12	82.86%					
SIIA11900	Sec II A - CWB CW: ground Pre-treatment	01-Nov-14 A	13-Jan-15	35	42%					
SIIA11920	Sec II A - CWB CW: Guide Wall	29-Oct-14 A	31-Dec-14	25	58.33%					
SIIA11940	Sec II A - CWB CW: construct north DWall & barrette (1.5m thk) (on rock)	06-Dec-14	15-Apr-15	100	0%					
SIIA11945	Sec II A - CWB CW: construct south DWall (1.5m thk) (on rock)	08-Jan-15	27-Apr-15	85	0%					
SIIA12960	Sec II A - CWB CE: Predrilling for Dwall	18-Sep-14 A	17-Dec-14	15	83.33%					
SIIA12980	Sec II A - CWB CE: ground pre-treatment	05-Jan-15	29-Apr-15	90	0%					
SIIA13000	Sec II A - CWB CE: construct Guide Wall	10-Jan-15	26-Mar-15	60	0%					
SIIA13010	Sec II A - CWB CE: construct barrette (1.2m thk)	16-Jan-15	30-May-15	105	0%					
CWB C - Exhaust Duct		18-Dec-14	24-Jan-15	30						
SIIA12820	Sec II A - Exhaust Duct at Slip Rd3: Predrilling for Piles	18-Dec-14	24-Jan-15	30	0%					
CWB D - Slip Road 1		11-Dec-14	20-Jul-15	174						
CWB D - Slip Road 1 - Dwall Construction		11-Dec-14	20-Jul-15	174						
SIIA12240	Sec II A - CWB SR1: Predrilling for Dwall & piles	11-Dec-14	03-Apr-15	90	0%					
SIIA12260	Sec II A - CWB SR1: ground pre-treatment	19-Dec-14	22-May-15	120	0%					
SIIA12280	Sec II A - CWB SR1: Guide Wall	06-Jan-15	13-May-15	100	0%					
SIIA12300	Sec II A - CWB SR1: construct permanent DWall (1.2m thk)	14-Jan-15	12-Mar-15	45	0%					
SIIA12305	Sec II A - CWB SR1: construct temp DWall (1.2m thk)	23-Jan-15	20-Jul-15	140	0%					

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Activity ID	Activity Name	Start	Finish	Remaining Duration	Activity % Complete	2014		2015			
						Nov	Dec	Jan	Feb	Mar	
Section VI A - Box Culvert La, L1 & FRP-L Construction						78					
Sec VI A - Box Culvert La bay 1-3 and Roadwork						46					
Box Culvert La Bay 1-3						46					
CUL10570	Sec VI A - Area 1 - Culvert La bay 3 wall and roof slab - curing, backfill and remove upper layer of strut	22-Oct-14 A	10-Dec-14	9	1.99%						
CUL10703	Sec VI A - Area 1 - Culvert La bay 2 wall and roof slab - curing, backfill and remove upper layer of strut	29-Nov-14 A	03-Dec-14	3	50%						
CUL10705	Sec VI A - Area 1 - Culvert La bay 1-3 - construct manhole DO-01; IM-01	02-Dec-14	08-Dec-14	6	0%						
CUL10720	Sec VI A - Area 1 - Culvert La bay 1-3 - backfill to pavement formation	03-Dec-14	16-Dec-14	12	0%						
CUL10730	Sec VI A - Area 1 - Culvert La bay 1-3 - sub-base	10-Dec-14	16-Dec-14	6	0%						
CUL10740	Sec VI A - Area 1 - Culvert La bay 1-3 - road kerb	15-Dec-14	22-Dec-14	7	0%						
CUL10760	Sec VI A - Area 1 - Culvert La bay 1-3 - road paving	15-Dec-14	23-Dec-14	8	0%						
CUL10780	Sec VI A - Area 1 - Culvert La bay 1-3 - pedestrian way paving	24-Dec-14	05-Jan-15	8	0%						
CUL11680	Sec VI A - Area 1 - reinstatement of Kiosks	03-Jan-15	26-Jan-15*	20	0%						
CUL12380	Sec VI A - Area 1 - road marking and road sign	24-Dec-14	31-Dec-14	5	0%						
Section VI A - Area 2 - Lung King Street Roadwork & Utilities						30					
SVIA10040	Sec VI A - Area 1 - Summary of Box Culvert La Construction	11-Nov-13 A	05-Jan-15	28	79.41%						
SVIA10080	Sec VI A - Area 2 - Reinstate the area	01-Dec-14	07-Jan-15	30	0%						
Sec VI C - Box Culvert La bay 4 and Roadwork						72					
CUL11570	Sec VI C - Culvert L - bay 4 - sheet pile & ELS	08-Dec-14	06-Jan-15	23	0%						
CUL11580	Sec VI C - Culvert L - bay 4 (south half) - construct base slab	07-Jan-15	13-Jan-15	6	0%						
CUL11600	Sec VI C - Culvert L - bay 4 (south half) - construct wall and roof	14-Jan-15	27-Jan-15	12	0%						
CUL11605	Sec VI C - Culvert L - bay 4 (south half) - curing and remove internal formwork	28-Jan-15	04-Feb-15	7	0%						
CUL11615	Sec VI C - Culvert L - bay 4 (south half) - construct temp bulk head inside cells	05-Feb-15	24-Feb-15	12	0%						
CUL11620	Sec VI C - Culvert L - bay 4 - construct top slab	25-Feb-15	10-Mar-15	12	0%						
CUL11645	Sec VI C - Culvert L - bay 4 (north half) - drive pipe pile	28-Jan-15	17-Feb-15	18	0%						
CUL11650	Sec VI C - Culvert L - bay 4 (north half) - demolish existing seawall	25-Feb-15	07-Mar-15	10	0%						
Box Culvert L1 & FRP-L Construction (Bay 5 - Bay 13)						150					
Box Culvert L1 & FRP-L - Bay 5 to 7						85					
CUL10015	Culvert L - form temp opening at existing box culvert Bay 4 for temp flow diversion	01-Dec-14	13-Jan-15	35	0%						
CUL10275	Sec VI C - Culvert L - bay 5,6,7 - erect temp platform for predrilling	03-Oct-14 A	17-Jan-15	39	40%						
CUL10280	Sec VI C - Culvert L - bay 5,6,7 - predrilling	01-Dec-14	19-Jan-15	40	0%						
CUL10800	Sec VI C - Culvert L - bay 7 - construct pre-bored H-pile	12-Dec-14	30-Jan-15	40	0%						
CUL10820	Sec VI C - Culvert L - bay 6 - construct pre-bored H-pile	29-Dec-14	13-Feb-15	40	0%						
CUL10840	Sec VI C - Culvert L - bay 5 - construct pre-bored H-pile	26-Jan-15	18-Mar-15	40	0%						
CUL10868	Sec VI C - Culvert L - bay 5-7 - Form Dry Dock for precast culvert units	15-Aug-14 A	28-Jan-15	48	35.14%						
CUL10870	Sec VI C - Culvert L - bay 5-7 - Construct bottom slabs for precast culvert units	29-Jan-15	28-Feb-15	22	0%						
CUL10940	Sec VI C - Culvert L - bay 5 - pile head treatment and construct pile cap	06-Dec-14	17-Dec-14	10	0%						
CUL10960	Sec VI C - Culvert L - bay 5 - construct base slab	18-Dec-14	02-Jan-15	11	0%						
CUL10980	Sec VI C - Culvert L - bay 5 - construct wall	03-Jan-15	16-Jan-15	12	0%						
CUL11000	Sec VI C - Culvert L - bay 5 - construct top slab	17-Jan-15	03-Feb-15	15	0%						
CUL11020	Sec VI C - Culvert L - bay 6 - pile head treatment and construct pile cap	18-Dec-14	31-Dec-14	10	0%						
CUL11040	Sec VI C - Culvert L - bay 6 - construct base slab	02-Jan-15	14-Jan-15	11	0%						
CUL11060	Sec VI C - Culvert L - bay 6 - construct wall	15-Jan-15	28-Jan-15	12	0%						

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Activity ID	Activity Name	Start	Finish	Remaining Duration	Activity % Complete	2014		2015		
						Nov	Dec	Jan	Feb	Mar
CUL11080	Sec VI C - Culvert L - bay 6 - construct top slab	29-Jan-15	14-Feb-15	15	0%					
CUL11090	Sec VI C - Culvert L - bay 5, 6 - dismantle formwork and curing	16-Feb-15	11-Mar-15	16	0%					
Box Culvert L1 & FRP-L - Bay 8 to 13										
CUL10120	Culvert L - bay 8 - predrilling for pre-bored H-pile	31-Dec-14	15-Jan-15	12	0%					
CUL10180	Culvert L - bay 8 - construct pre-bored H-pile	08-Jan-15	12-Feb-15	30	0%					
CUL10260	Culvert L - Bay 8 - install sheetpile	12-Feb-15	07-Mar-15	15	0%					
CUL11690	CWBA1 - [Summary] Tunnel waterproofing and backfill for Culvert L construction	05-Feb-15	09-Jun-15	96	0%					
CUL12350	Culvert L - Bay 12 & 13 - Erect temp platform for predrill and pre-bored H-piles	13-Jan-15	02-Feb-15	18	0%					
CUL12352	Culvert L - Bay 12 & 13 - predrilling for pre-bored H-pile	03-Feb-15	03-Mar-15	20	0%					
Section VI C - Area 3, 6, 8A & 8C										
Area 8A & 8C - Seawall Modification (Reviewed)										
Modification of Seawall										
A11705	Sec VI C - pile head treatment	01-Dec-14	07-Jan-15	30	0%					
A11715	Sec VI C - southbound	16-Dec-14	22-Jan-15	30	0%					
A11725	Sec VI C - northbound	06-Jan-15	09-Feb-15	30	0%					
A11780	Sec VI C - drive pipe pile	01-Dec-14	24-Mar-15	90	0%					
A11800	Sec VI C - seawall modification - bay 1	10-Feb-15	21-Mar-15	30	0%					
MTR Pump Room Stabilization (Reviewed)										
PRS-1010	Sec VI C - Install props inside MTR pump house	15-Dec-14	19-Dec-14	5	0%					
PRS-1020	Sec VI C - Place counter weight on top of MTR pump house	01-Dec-14*	30-Dec-14	24	0%					
PRS-1030	Sec VI C - Trim existing rubble mound	31-Dec-14	31-Jan-15	27	0%					
PRS-1040	Sec VI C - fill up void under pump house	02-Feb-15	06-Mar-15	24	0%					
Area 6 - Box Culvert bay 5-6										
SVIC10000	Sec VI C - [Summary] Construct Box Culvert Bay 5-6	29-Jan-15	23-May-15	89	0%					
Area 3 - Box Culvert bay 4 and Roadwork										
SVIC10220	Sec VI C - [Summary] Construct Box Culvert Bay 4 in Area 3	08-Dec-14	30-Apr-15	112	0%					
Section VI D - Area 8B & 10										
WDII Box 1 Construction (Reviewed)										
WDII Box 1 Submission and Approval / Material Procurement										
PCU60410	Sec VI D - WD II Box 1 - Prepare Subcontract for Box 1 structure	16-Jan-15	18-Jan-15	3	0%					
S0721040	Sec VI D - WD II Box 1 - temp work design - ICE check and issue check cert	15-Jan-15	11-Feb-15	28	0%					
S0721060	Sec VI D - WD II Box 1 - temp work design - Engineer comment and approve	15-Jan-15	11-Feb-15	28	0%					
S0721070	Sec VI D - WD II Box 1 - method statement and temp work design - MTR comment and approve	12-Feb-15	04-Apr-15	52	0%					
S0721080	Sec VI D - WD II Box 1 - Prepare and submit method statement	12-Feb-15	11-Mar-15	28	0%					
Section VII - Remainder Works										
Landing Steps Construction										
SVII11180	Sec VII - Landing Steps - form temporary access from landing steps to Fleet Acade	16-Jan-15	05-Feb-15	18	0%					
Section VIII - Landscape Softworks										
Soft Landscaping Works										
SVIII10020	Sec VIII - Tree Felling/Transplanting at Portion 2 & 2A	20-Nov-13 A	11-Mar-15	79	12.22%					

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

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

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

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

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

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

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Activity ID	Activity Name	Calendar	Original Duration	Start	Finish	Total Float	2015				2016							
							Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3				
A8595	SR8, From West, CH 4015 - 4020 = 1bay, lining	7d/wk-1a	9d	01-Nov-14 08	09-Nov-14 18	137d												
A8600	SR8, From West, CH 4020 - 4025 = 1bay, lining	7d/wk-1a	9d	10-Nov-14 08	18-Nov-14 18	137d												
A8605	SR8, From West, CH 4025 - 4030 = 1bay, lining	7d/wk-1a	5d	19-Nov-14 08	23-Nov-14 18	137d												
A8610	SR8, From West, CH 4030 - 4035 = 1bay, lining	7d/wk-1a	5d	24-Nov-14 08	28-Nov-14 18	137d												
A8615	SR8, From West, CH 4035 - 4040 = 1bay, lining	7d/wk-1a	5d	29-Nov-14 08	03-Dec-14 18	137d												
A8620	SR8, From West, CH 4040 - 4045 = 1bay, lining	7d/wk-1a	5d	04-Dec-14 08	08-Dec-14 18	137d												
A8625	SR8, From West, CH 4045 - 4050 = 1bay, lining	7d/wk-1a	5d	09-Dec-14 08	13-Dec-14 18	137d												
A8630	SR8, From West, CH 4050 - 4055 = 1bay, lining	7d/wk-1a	5d	14-Dec-14 08	18-Dec-14 18	137d												
A8635	SR8, From West, CH 4055 - 4060 = 1bay, lining	7d/wk-1a	5d	19-Dec-14 08	23-Dec-14 18	137d												
A8640	SR8, From West, CH 4060 - 4065 = 1bay, lining	7d/wk-1a	5d	24-Dec-14 08	29-Dec-14 18	137d												
A8645	SR8, From West, CH 4065 - 4070 = 1bay, lining	7d/wk-1a	5d	30-Dec-14 08	04-Jan-15 18	137d												
A8647	SR8, From West, CH 4070 - 4075 = 1bay, lining	7d/wk-1a	5d	05-Jan-15 08	09-Jan-15 18	137d												
A8648	SR8, From West, CH 4075 - 4080 = 1bay, lining	7d/wk-1a	5d	10-Jan-15 08	14-Jan-15 18	137d												
A8649	SR8, From West, CH 4080 - 4085 = 1bay, lining	7d/wk-1a	5d	15-Jan-15 08	19-Jan-15 18	137d												
A8651	SR8, From West, CH 4085 - 4090 = 1bay, lining	7d/wk-1a	5d	20-Jan-15 08	24-Jan-15 18	137d												
A8652	SR8, From West, CH 4090 - 4095 = 1bay, lining	7d/wk-1a	5d	25-Jan-15 08	29-Jan-15 18	137d												
A8653	SR8, From West, CH 4095 - 4100 = 1bay, lining	7d/wk-1a	5d	30-Jan-15 08	03-Feb-15 18	137d												
A8654	SR8, From West, CH 4100 - 4105 = 1bay, lining	7d/wk-1a	5d	04-Feb-15 08	08-Feb-15 18	137d												
From East - Base Slab (10m/bay, 10m separation with benching excavation)																		
A9775	SR8 From East, CH 4149.5 - 4145 = 4.5m, base slab	7d/wk-1a	8d	02-Dec-14 08	09-Dec-14 18	0d												
A9780	SR8 From East, CH 4145 - 4135 = 10m/bay, base slab	7d/wk-1a	8d	10-Dec-14 08	17-Dec-14 18	0d												
A9785	SR8 From East, CH 4135 - 4125 = 10m/bay, base slab	7d/wk-1a	8d	18-Dec-14 08	26-Dec-14 18	8d												
A9786	SR8 From East, CH 4125 - 4115 = 10m/bay, base slab	7d/wk-1a	8d	27-Dec-14 08	04-Jan-15 18	10d												
From East - Lining (5m/bay, 10m separation with base slab)																		
A9820	From East, SR8 CH 4149.5 - 4145 = 4.5m, 1 bay, lining	7d/wk-1a	5d	18-Dec-14 08	22-Dec-14 18	0d												
A9815	From East, SR8 CH 4145 - 4140 = 1bay, lining	7d/wk-1a	5d	23-Dec-14 08	28-Dec-14 18	6d												
A9810	From East, SR8 CH 4140 - 4135 = 1bay, lining	7d/wk-1a	5d	29-Dec-14 08	03-Jan-15 18	6d												
A9805	From East, SR8 CH 4135 - 4130 = 1bay, lining	7d/wk-1a	5d	04-Jan-15 08	08-Jan-15 18	6d												

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

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

WORKS PROGRAMME REV. M

Prepared by William Caluza

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



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

Activity ID	Activity Name	Calendar	Original Duration	Start	Finish	Total Float	2015				2016		
							Q4	Q1	Q2	Q3	Q4	Q1	Q2
A9870	From East, SR8 CH 4130 - 4125 = 1bay, lining	7d/wk-1a	5d	09-Jan-15 08	13-Jan-15 18	6d		■	From East, SR8 CH 4130 - 4125 = 1bay, lining				
A9800	From East, SR8 CH 4125 - 4120 = 1bay, lining	7d/wk-1a	5d	14-Jan-15 08	18-Jan-15 18	143d		■	From East, SR8 CH 4125 - 4120 = 1bay, lining				
A9860	From East, SR8 CH 4120 - 4115 = 1bay, lining	7d/wk-1a	5d	19-Jan-15 08	23-Jan-15 18	143d		■	From East, SR8 CH 4120 - 4115 = 1bay, lining				
A9855	From East, SR8 CH 4115 - 4110 = 1bay, lining	7d/wk-1a	5d	24-Jan-15 08	28-Jan-15 18	143d		■	From East, SR8 CH 4115 - 4110 = 1bay, lining				
A9850	From East, SR8 CH 4110 - 4105 = 1bay, lining	7d/wk-1a	5d	29-Jan-15 08	02-Feb-15 18	143d		■	From East, SR8 CH 4110 - 4105 = 1bay, lining				
OHVD(10m/bay) / Utility Trough													
A8570	SR8 Tunnel OHVD and utility trough =, 167= 17 bays @ 10m/bay @ 7d/bay	7d/wk-1a	120d	09-Feb-15 08	13-Jun-15 18	137d		■	SR8 Tunnel OHVD and utility trough =, 167= 17 bays @ 10m/bay @ 7d/bay				
EB Outer Tunnel Excavation													
From West (TPCWAE)													
Outer Bench Excavation (1.5d - 2d/m, 20m separation with heading)													
A9550	EB, Outer Bench From West, CH 4035- 4045 = 10m	7d/wk-1a	30d	07-Aug-14 08 A	20-Oct-14 18	135d	■	EB, Outer Bench From West, CH 4035- 4045 = 10m					
A9555	EB, Outer Bench From West, CH 4045- 4055 = 10m (2d/m)	7d/wk-1a	20d	20-Oct-14 08	08-Nov-14 18	135d	■	EB, Outer Bench From West, CH 4045- 4055 = 10m (2d/m)					
A9560	EB, Outer Bench From West, CH 4055- 4065 = 10m (2d/m)	7d/wk-1a	20d	09-Nov-14 08	28-Nov-14 18	135d	■	EB, Outer Bench From West, CH 4055- 4065 = 10m (2d/m)					
A9565	EB, Outer Bench From West, CH 4065- 4075 = 10m (2d/m)	7d/wk-1a	20d	29-Nov-14 08	18-Dec-14 18	135d	■	EB, Outer Bench From West, CH 4065- 4075 = 10m (2d/m)					
A9520	EB, Outer Bench From West, CH 4075- 4085 = 10m (2d/m)	7d/wk-1a	20d	19-Dec-14 08	09-Jan-15 18	135d	■	EB, Outer Bench From West, CH 4075- 4085 = 10m (2d/m)					
A9545	EB, Outer Bench From West, CH 4085- 4095 = 10m 1.5d/m)	7d/wk-1a	15d	10-Jan-15 08	24-Jan-15 18	135d	■	EB, Outer Bench From West, CH 4085- 4095 = 10m 1.5d/m)					
From East (TS4)													
Outer Bench Excavation (1.5d-2d/m, 20m separation with heading)													
A9605	EB, Outer Bench From East, CH 4147.5 - 4145 = 2.5m	7d/wk-1a	30d	20-Oct-14 08*	18-Nov-14 18	120d	■	EB, Outer Bench From East, CH 4147.5 - 4145 = 2.5m					
A9610	EB, Outer Bench From East, CH 4145- 4135 = 10m (2d/m)	7d/wk-1a	20d	19-Nov-14 08	08-Dec-14 18	120d	■	EB, Outer Bench From East, CH 4145- 4135 = 10m (2d/m)					
A9615	EB, Outer Bench From East, CH 4135- 4125 = 10m (2d/m)	7d/wk-1a	20d	09-Dec-14 08	29-Dec-14 18	120d	■	EB, Outer Bench From East, CH 4135- 4125 = 10m (2d/m)					
A9620	EB, Outer Bench From East, CH 4125- 4115 = 10m (2d/m)	7d/wk-1a	20d	30-Dec-14 08	19-Jan-15 18	120d	■	EB, Outer Bench From East, CH 4125- 4115 = 10m (2d/m)					
A9625	EB, Outer Bench From East, CH 4115- 4105 = 10m (2d/m)	7d/wk-1a	20d	20-Jan-15 08	08-Feb-15 18	120d	■	EB, Outer Bench From East, CH 4115- 4105 = 10m (2d/m)					
A9630	EB, Outer Bench From East, CH 4105- 4095 = 10m (1.5d/m)	7d/wk-1a	15d	09-Feb-15 08	26-Feb-15 18	120d	■	EB, Outer Bench From East, CH 4105- 4095 = 10m (1.5d/m)					
EB (Inner Tunnel Excavation + Lining)													
From West (TPCWAE)													
Inner Heading Excavation (2d/m, 24h/day work shift, 7d/week, no work on statutory holiday)													
A8805	EB, Inner Heading From West, CH 3992- 4005 = 13m @3d/m	7d/wk-1a	39d	29-Sep-14 08	07-Nov-14 18	0d	■	EB, Inner Heading From West, CH 3992- 4005 = 13m @3d/m					
A8815	EB, Inner Heading From West, CH 4005- 4015 = 10m @2d/m	7d/wk-1a	20d	08-Nov-14 08	27-Nov-14 18	0d	■	EB, Inner Heading From West, CH 4005- 4015 = 10m @2d/m					

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

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

WORKS PROGRAMME REV. M

Prepared by William Caluza

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



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

Activity ID	Activity Name	Calendar	Original Duration	Start	Finish	Total Float	2015				2016						
							Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3			
A8820	EB,Inner Heading From West , CH 4015- 4025 = 10m @2d/m	7d/wk-1a	20d	28-Nov-14 08	17-Dec-14 18	0d		■	■								
A8780	EB,Inner Heading From West, CH 4025- 4035 = 10m @2d/m	7d/wk-1a	20d	18-Dec-14 08	08-Jan-15 18	0d		■	■								
A8810	EB,Inner Heading From West , CH 4035- 4045 = 10m @2d/m	7d/wk-1a	20d	09-Jan-15 08	28-Jan-15 18	0d		■	■								
A8785	EB,Inner Heading From West , CH 4045- 4055 = 10m @2d/m	7d/wk-1a	20d	29-Jan-15 08	17-Feb-15 18	0d		■	■								
A8790	EB,Inner Heading From West, CH 4055- 4065 = 10m @ 2d/m	7d/wk-1a	20d	18-Feb-15 08	12-Mar-15 18	0d		■	■								
A8795	EB,Inner Heading From West , CH 4065- 4075 = 10m, @ 2d/m	7d/wk-1a	20d	13-Mar-15 08	01-Apr-15 18	0d		■	■								
A8800	EB,Inner Heading From West, CH 4075- 4085 = 10m @ 2d/m	7d/wk-1a	20d	02-Apr-15 08	22-Apr-15 18	0d		■	■								
A8825	EB,Inner Heading From West, CH 4085- 4095 = 10m @ 2d/m	7d/wk-1a	20d	23-Apr-15 08	13-May-15 18	0d		■	■								
Inner Bench Excavation (1.5-2d/m, 20m separation with heading)																	
A8765	EB, Inner Bench From West, CH 3992-4005 = 13m (2d/m)	7d/wk-1a	26d	08-Nov-14 08	03-Dec-14 18	23d		■									
A8770	EB, Inner Bench From West,CH 4005- 4015 = 10m	7d/wk-1a	15d	18-Dec-14 08	03-Jan-15 18	9d		■									
A8775	EB, Inner Bench From West,CH 4015- 4025 = 10m	7d/wk-1a	15d	09-Jan-15 08	23-Jan-15 18	4d		■									
A8735	EB, Inner Bench From West,CH 4025- 4035 = 10m	7d/wk-1a	15d	29-Jan-15 08	12-Feb-15 18	14d		■									
A8740	EB, Inner Bench From West,CH 4035- 4045 = 10m	7d/wk-1a	15d	18-Feb-15 08	07-Mar-15 18	11d		■									
A8745	EB, Inner Bench From West,CH 4045- 4055 = 10m	7d/wk-1a	15d	13-Mar-15 08	27-Mar-15 18	6d		■									
A8750	EB, Inner Bench From West,CH 4055- 4065 = 10m	7d/wk-1a	15d	02-Apr-15 08	17-Apr-15 18	1d		■									
A8755	EB, Inner Bench From West,CH 4065- 4075 = 10m	7d/wk-1a	15d	18-Apr-15 08	03-May-15 18	1d		■									
A8760	EB, Inner Bench From West,CH 4075- 4085 = 10m	7d/wk-1a	15d	05-May-15 08	19-May-15 18	0d		■									
A8761	EB, Inner Bench From West,CH 4085- 4095 = 10m	7d/wk-1a	15d	20-May-15 08	03-Jun-15 18	0d		■									
From East (TS4)																	
Inner Heading Excavation (3d/m, 24h/day work shift, 7d/week, no work on statutory holiday)																	
A8835	EB,Inner Heading From East, CH 4147.5 to 4145 = 2.5m, @ 3d/m	7d/wk-1a	8d	06-Jan-15 08	13-Jan-15 18	0d		■									
A8850	EB,Inner Heading From East, CH 4145- 4135 = 10m, @ 3d/m	7d/wk-1a	30d	14-Jan-15 08	12-Feb-15 18	0d		■									
A8830	EB,Inner Heading From East, CH 4135- 4125 = 10m @2d/m	7d/wk-1a	20d	13-Feb-15 08	07-Mar-15 18	0d		■									
A8840	EB,Inner Heading From East, CH 4125- 4115 = 10m @2d/m	7d/wk-1a	20d	08-Mar-15 08	27-Mar-15 18	0d		■									
A9910	EB,Inner Heading From East, CH 4115- 4105 = 10m @2d/m	7d/wk-1a	20d	28-Mar-15 08	17-Apr-15 18	0d		■									
A8845	EB,Inner Heading From East, CH 4105- 4095 = 10m @2d/m	7d/wk-1a	20d	18-Apr-15 08	08-May-15 18	0d		■									
Inner Bench Excavation (1.5d-2d/m, 20m separation with heading)																	
A8860	EB,Inner Bench From East, CH 4147.5 - 4145 = 2.5m	7d/wk-1a	4d	08-Mar-15 08	11-Mar-15 18	11d		■									

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China State Construction Engineering (Hong Kong) Ltd

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

WORKS PROGRAMME REV. M

Prepared by William Caluza			
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中國建築工程(香港)有限公司

CHINA STATE CONSTRUCTION ENGINEERING (HONG KONG) LTD.

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

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China State Construction Engineering (Hong Kong) Ltd

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

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CHINA STATE CONSTRUCTION ENGINEERING (HONG KONG) LTD.

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

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China State Construction Engineering (Hong Kong) Ltd

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

WORKS PROGRAMME REV. M

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



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

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China State Construction Engineering (Hong Kong) Ltd

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

WORKS PROGRAMME REV. M

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



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

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China State Construction Engineering (Hong Kong) Ltd

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

WORKS PROGRAMME REV. M

Prepared by William Caluza

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



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

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

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China State Construction Engineering (Hong Kong) Ltd

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

WORKS PROGRAMME REV. M

Prepared by William Kaluza

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

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

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

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China State Construction Engineering (Hong Kong) Ltd

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

WORKS PROGRAMME REV. M

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



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

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

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China State Construction Engineering (Hong Kong) Ltd

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

WORKS PROGRAMME REV. M

Prepared by William Caluza

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



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

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

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

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China State Construction Engineering (Hong Kong) Ltd
 Contract No. HY/2009/15 - Central Wan Chai By Pass - Tunnel (Causeway Bay Typhoon Shelter Section)
WORKS PROGRAMME REV. M

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



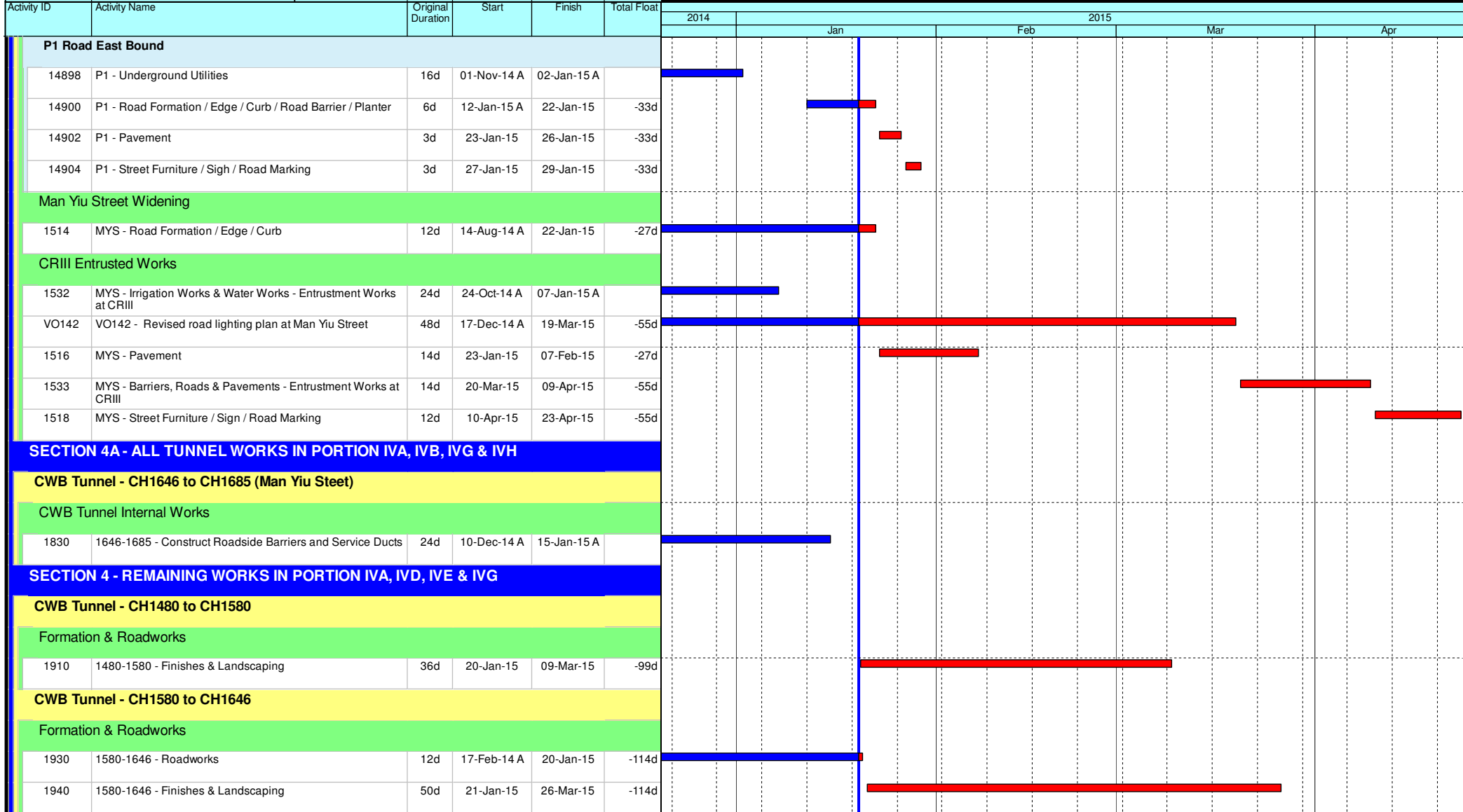
Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015			
						Jan	Feb	Mar	Apr
Update 2015-01-20 CWB - Central Interchange (2014-06-20) Revised DWP R6a									
PRELIMINARIES									
Submissions & Approvals									
Traffic									
Temporary Traffic Management									
1313	TTM - Revise & Resubmit for (TTA Stage 6)	16d	17-Dec-14 A	05-Jan-15 A					
1317	TTM - Engineer / TMLG Review & Approve (TTA Stage 6)	12d	06-Jan-15 A	29-Jan-15	54d				
Establishment, Mobilisation & Advanced Works									
Temporary Traffic Management, Site Establishment / Setup									
Stage 6 (Man Po Street to Bridge A)									
1201	Stage 6 - RWA	7d	13-Mar-15	20-Mar-15	10d				
2570	Stage 6 - Open Slip Road D (Bridge A) / Man Po Street	0d		20-Mar-15	10d				
SECTION 3A - ALL TUNNEL WORKS IN PORTION IIIB									
CWB Tunnel - CH1685 to CH1704									
CWB Tunnel Internal Works									
1470	1685-1704 - Construct Roadside Barriers and Service Ducts	7d	20-Dec-14 A	30-Dec-14 A					
SECTION 3 - REMAINING WORKS IN PORTION IIIA & IIIB									
Surface Works - East of Man Yiu Street									
Road P1									
14906	P1 - Finishes & Landscaping	40d	30-Jan-15	24-Mar-15	-33d				
P1 Road West Bound									
11002	P1 - Underground Utilities	15d	27-Jan-15	12-Feb-15	-17d				
11003	P1 - Road Formation / Edge / Curb / Road Barrier / Planter	6d	13-Feb-15	26-Feb-15	-17d				
11004	P1 - Pavement	3d	27-Feb-15	02-Mar-15	-17d				
1520	P1 - Street Furniture / Sigh / Road Marking	3d	03-Mar-15	05-Mar-15	-17d				

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

Leighton Contractors (Asia) Limited
Programme Update 52 (January 2015)
THREE MONTH ROLLING

Project ID: U052
 Baseline: DCP7-2c
 Layout: Update Three Month Rolling U052
 Page 1 of 6

Date	Revision	Checked	Appro...
20-Dec-14	U051	AT	BY
20-Jan-15	U052	AT	BY



- Current Milestone
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Leighton Contractors (Asia) Limited

Programme Update 52 (January 2015)

THREE MONTH ROLLING

Project ID: U052
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Date	Revision	Checked	Appro...
20-Dec-14	U051	AT	BY
20-Jan-15	U052	AT	BY

Data Date: 20-Jan-15

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

TASK filters: 3 Months_1, Not HL.

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015					
						Jan	Feb	Mar	Apr		
CWB Tunnel - CH1646 to CH1685 (Man Yiu Street)											
Formation & Roadworks											
1950	1646-1685 - Finishes & Landscaping	36d	20-Jan-15	09-Mar-15	-99d						
SECTION 5 - ALL WORKS IN PORTION V & VA											
General Surface Works											
Retaining Wall D											
2060	RWD - Road Works	12d	16-Dec-14 A	31-Dec-14 A							
Formation & Roadworks - Man Po Street & Retaining Wall H											
1112	MPS - Road Works	12d	20-Aug-14 A	23-Dec-14 A							
CWB Trough B - CH1360 to CH1480											
Preliminaries											
1352	V - Reinstate Finance Street (Stage2 Area)	40d	17-Feb-15	15-Apr-15	-127d						
Trough Structure											
Trough Phase 2a											
1297	TRB - Construct Trough Slab - 2a South Portion / Allow access for RW contractor	22d	26-Nov-14 A	30-Jan-15	-127d						
1301	TRB - Construct Wall - 2a South Bottom (CH1361-1450)	12d	31-Jan-15	13-Feb-15	-127d						
1303	TRB - Backfill - 2a South Wall to Bottom of Foul Drain	4d	10-Feb-15	13-Feb-15	-127d						
1307	TRB - Reinstate Foul & Storm Drain (Stage 2)	6d	10-Feb-15	16-Feb-15	-127d						
1309	TRB - Backfill - 2a South Wall	4d	17-Feb-15	27-Feb-15	-65d						
1312	TRB - Construct Wall - 2a South Wall Parapet	12d	28-Feb-15	13-Mar-15	-65d						
1302	TRB - Construct Internal Stairs	12d	28-Feb-15	13-Mar-15	-61d						
1314	TRB - Backfill - 2a South Wall Parapet	4d	14-Mar-15	18-Mar-15	-65d						
Trough Internal Works											
2140	TRB - Construct Roadside Service Ducts	24d	12-Feb-15	18-Mar-15	-65d						
2150	TRB - Road Pavement & Finishes	24d	05-Mar-15	01-Apr-15	-65d						

- ◆ Current Milestone
- Critical Remaining Work
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- Remaining Work
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- Project Baseline
- Actual Work

Leighton Contractors (Asia) Limited Programme Update 52 (January 2015) THREE MONTH ROLLING

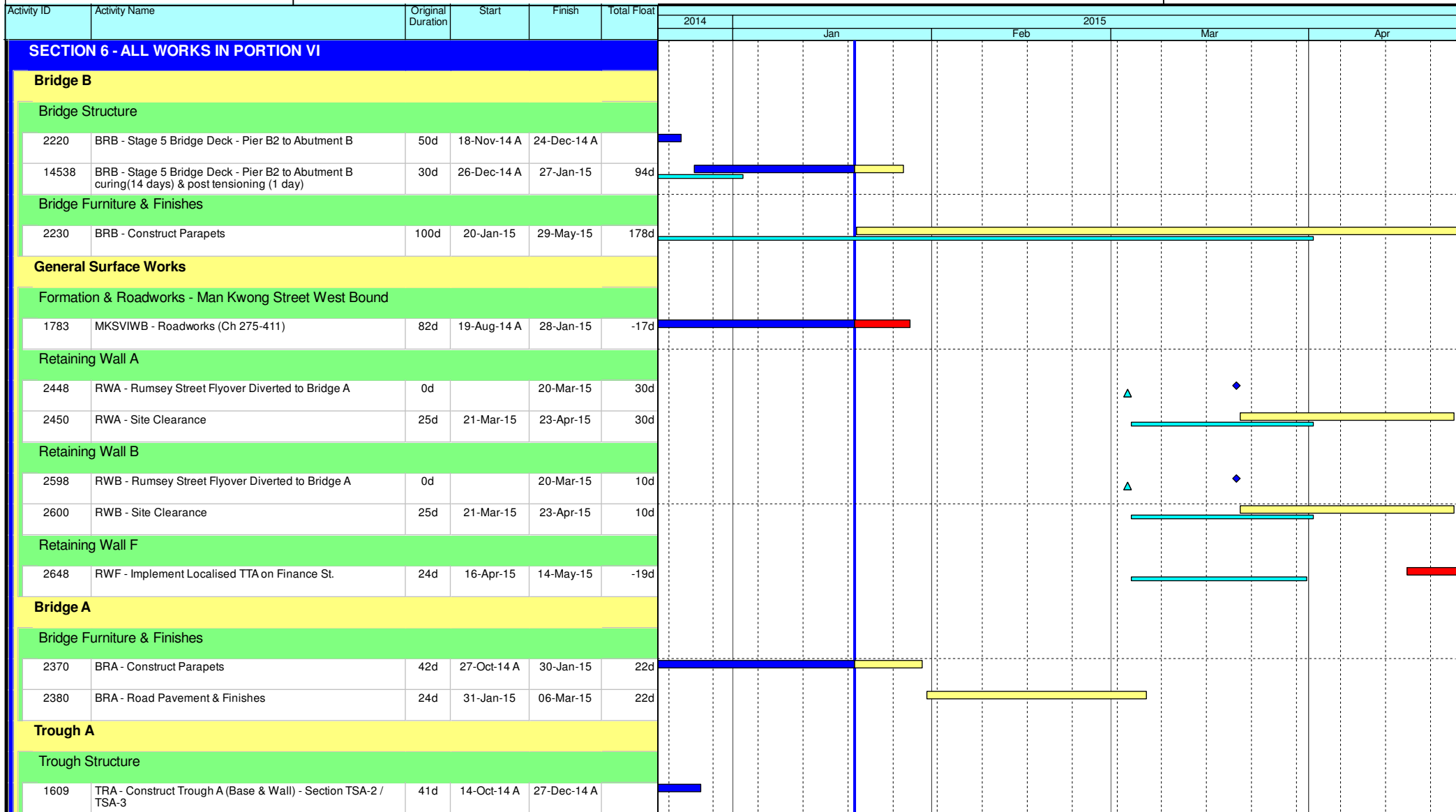
Project ID: U052
 Baseline: DCP7-2c
 Layout: Update Three Month Rolling U052
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Date	Revision	Checked	Appro...
20-Dec-14	U051	AT	BY
20-Jan-15	U052	AT	BY

Data Date: 20-Jan-15

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

TASK filters: 3 Months_1, Not HL.



- ◆ Current Milestone
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Leighton Contractors (Asia) Limited Programme Update 52 (January 2015) THREE MONTH ROLLING

Project ID: U052
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Date	Revision	Checked	Appro...
20-Dec-14	U051	AT	BY
20-Jan-15	U052	AT	BY

Data Date: 20-Jan-15

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

TASK filters: 3 Months_1, Not HL.

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	Gantt Chart											
						2015											
						Jan	Feb	Mar	Apr								
1609a	TRA - Construct Trough A (Base & Wall) - Section TSA-1 / TSA-4 / TSA-5	46d	17-Oct-14 A	07-Feb-15	14d												
1611	TRA - TRA - Backfilling external TSA-1 to TSA-5 & sheet pile extraction	6d	13-Jan-15 A	07-Feb-15	14d												
1612	TRA - Concrete profile barrier and backfilling internal TSA-1 to TSA-5	21d	20-Jan-15	12-Feb-15	10d												
1613	TRA - Drainage construction (3 gullies & 1 manhole)	8d	13-Feb-15	28-Feb-15	10d												
2440	TRA - Road Pavement & Finishes	10d	02-Mar-15	12-Mar-15	10d												
Elevated Layby at Rumsey Street Flyover East Bound																	
Bridge Structure																	
2880	RSFLB - Demolish Existing Parapet & Construct Stitch	18d	20-Jan-15	09-Feb-15	221d												
2770	RSFLB - Pier E1/E2 Bridge Deck	36d	10-Feb-15	30-Mar-15	221d												
2780	RSFLB - Construct Parapet	18d	31-Mar-15	24-Apr-15	221d												
SECTION 7, 7A, 7B & 7C - LANDSCAPE ESTABLISHMENT																	
4030	EST - Portion V Landscape Establishment	365d	20-Jan-15	19-Jan-16	-77d												
4070	EST - Portion VA Landscape Establishment	365d	20-Jan-15	19-Jan-16	-77d												
4020	EST - Portion IVD Landscape Establishment	365d	10-Mar-15	08-Mar-16	-126d												
4050	EST - Portion IVE Landscape Establishment	365d	10-Mar-15	08-Mar-16	-126d												
4060	EST - Portion IVG Landscape Establishment	365d	10-Mar-15	08-Mar-16	-126d												
4010	EST - Portion IVA Landscape Establishment	365d	27-Mar-15	25-Mar-16	-143d												
INTERFACING WORKS																	
Interfacing with CWB(RW)																	
4215	INT - Section 3B - Joint Inspection & Handover to CWB(RW)	14d	27-Jan-14 A	20-Jan-15	-326d												
4210	INT - Section 4A - Joint Inspection & Handover to CWB(RW)	14d	20-Jan-15	02-Feb-15	-227d												
4230	INT - Section 3A - Joint Inspection & Handover to CWB(RW)	14d	20-Jan-15	02-Feb-15	-157d												
4220	INT - Section 4 - Joint Inspection & Handover to CWB(RW)	14d	27-Mar-15	09-Apr-15	-129d												
4225	INT - Section 5 - Joint Inspection & Handover to CWB(RW)	14d	02-Apr-15	15-Apr-15	-69d												
Key Dates for Completion of Sections																	

- Current Milestone
- Critical Remaining Work
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- Actual Work

Leighton Contractors (Asia) Limited Programme Update 52 (January 2015) THREE MONTH ROLLING

Project ID: U052
Baseline: DCP7-2c
Layout: Update Three Month Rolling U052
Page 5 of 6

Date	Revision	Checked	Appro...
20-Dec-14	U051	AT	BY
20-Jan-15	U052	AT	BY

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015											
						Jan			Feb			Mar			Apr		
Anticipated Completion																	
1074	KD9 - Anticipated Completion (EOT 66 days added)	0d		01-Apr-15*	-83d	◆											
1064	KD6 - Anticipated Completion	0d		15-Apr-15*	-163d	◆											
Contract Required Completion																	
1075	KD9 - Section 5 Complete (DAY-1505) - (EOT 66 days added)	0d		20-Jan-15*	-11d	◆											
1085	KD3 - Section 3 Complete (DAY-1600) - (EOT 26.5 days added)	0d		05-Mar-15*	0d	▲											
Portion Handover Dates																	
Anticipated Handover																	
2910	Portion IIIC Handover (KD5 + 28 days)	0d		20-Jan-15*	-326d	◆											
2925	Portion IIIB Handover (KD4 + 28 days)	0d		02-Feb-15*	-157d	◆											
2915	Portion IVB Handover (KD7 + 28 days)	0d		02-Feb-15*	-227d	◆											
2920	Portion IVH Handover (KD7 + 28 days)	0d		02-Feb-15*	-227d	◆											
Contract Required Handover																	
3027	Portion IIIB Handover (KD4 + 28 days)	0d		20-Jan-15*	-143d	◆											
3020	Portion IIIC Handover (KD5 + 28 days)	0d		20-Jan-15*	-325d	◆											
3030	Portion IVA Handover (KD6 + 28 days)	0d		20-Jan-15*	-49d	◆											
3025	Portion IVB Handover (KD7 + 28 days)	0d		20-Jan-15*	-213d	◆											
3060	Portion IVD Handover (KD6 + 28 days)	0d		20-Jan-15*	-49d	◆											
3070	Portion IVE Handover (KD6 + 28 days)	0d		20-Jan-15*	-49d	◆											
3090	Portion IVG Handover (KD6 + 28 days)	0d		20-Jan-15*	-49d	◆											
3010	Portion IVH Handover (KD7 + 28 days)	0d		20-Jan-15*	-213d	◆											
3092	Portion V Handover (KD9 + 28 days) - EOT 66 days added	0d		16-Feb-15*	-11d	▲											
3094	Portion VA Handover (KD9 + 28 days) - EOT 66 days added	0d		16-Feb-15*	-11d	▲											
3095	Portion IIIA Handover (KD3 + 28 days) - (EOT 26.5 days added)	0d		02-Apr-15*	0d	▲											

- ◆ Current Milestone
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Leighton Contractors (Asia) Limited Programme Update 52 (January 2015) THREE MONTH ROLLING

Project ID: U052
 Baseline: DCP7-2c
 Layout: Update Three Month Rolling U052
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Date	Revision	Checked	Appro...
20-Dec-14	U051	AT	BY
20-Jan-15	U052	AT	BY

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2014	2015				
							Jan	Feb	Mar	Apr	
Update 2015-01-20 CWB(CC) - Commissioning Contract (IWPC)											
PRELIMINARIES AND GENERAL REQUIREMENTS											
Salient Key Dates and Milestones											
Possession Dates and Vacation Dates											
PO-XI	Possession of Portion XI (Day 296)	1033d	21-Dec-14 A	18-Oct-17	0d						
PO-Ilc	Possession of Portion Ilc (Day 336)	993d	30-Jan-15	18-Oct-17	0d						
PO-Ilb	Possession of Portion Ilb (Day 336)	993d	30-Jan-15	18-Oct-17	0d						
PO-IXa	Possession of Portion IXa (Day 392)	937d	27-Mar-15	18-Oct-17	0d						
Submissions and Approvals											
Initial General Submission											
10168	Submission of CMC 3DVR	30d	20-Jan-15	18-Feb-15	880d						
1210	Submission of 1st Construction video film	0d		31-Jan-15*	0d						
9932	Submission of 1st Project video film Video1 / Video2 (Release II)	0d		31-Jan-15*	0d						
Programme											
1142	Review and comment of Works Programme (Rev.1)	30d	27-Nov-14 A	29-Dec-14 A							
12878	Prepare Works Programme (Rev.2)	21d	30-Dec-14 A	21-Jan-15	37d						
12880	Submission of Works Programme (Rev.2)	0d		21-Jan-15	26d						
12882	Review and comment of Works Programme (Rev.2)	30d	22-Jan-15	20-Feb-15	37d						
Specified Plans											
1172	Submission of a Traffic management Contingency Plan	90d	20-Jan-15	19-Apr-15	836d						
Project Wide EPD Permits & Licenses											
1148	EPD - Submit Registration as Chem Waste Producer	14d	20-Jan-15	02-Feb-15	55d						
1150	EPD - Apply & obtain Dumping Permit	28d	20-Jan-15	16-Feb-15	41d						
1152	EPD - Grant Discharge License for Effluent	60d	20-Jan-15	20-Mar-15	9d						
1154	EPD - Apply obtain Construction Noise Permit	28d	20-Jan-15	16-Feb-15	41d						

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

Leighton Contractors (Asia) Limited

Programme Update 11 (January 2015)

THREE MONTH ROLLING

Project ID: H2613-U011
 Baseline: IWPC
 Layout: Update Three Month Rolling U011
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Date	Revision	Checked	Appro...
20-Dec-14	U010	AT	CW
20-Jan-15	U011	AT	CW

Data Date: 20-Jan-15

CWB(CC) - Commissioning Contract

TASK filters: 3 Months_4, Not HL.

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015				
						Jan	Feb	Mar	Apr	
DETAILED DESIGN OF WORKS										
Temporary Works Design and Engineering										
Falsework and Formwork Design										
10072	Falsework & Formwork- Submission to AECOM (review / approval)	30d	01-Aug-14 A	30-Dec-14 A						
Temporary Support for EVS										
10080	Temporary support for EVS - Design & approval (Subject to further breakdown when necessary)	30d	23-Jan-15*	05-Mar-15	194d					
Permanent Works Design and Engineering										
Metal Roof on WVB										
2178	WVB Roof - Finalise detailed design submission and ICE Checks & issue Check Certificate	24d	02-Aug-14 A	21-Jan-15	16d					
2180	WVB Roof - Engineer Approval; Consent to Proceed Construction	24d	27-Nov-14 A	26-Jan-15	12d					
Green Roof on EVB										
2154	EVB Roof - Prepare Preliminary Design and Submission	48d	20-Jan-15	23-Mar-15	13d					
2156	EVB Roof - Finalise preliminary design and ICE Review	24d	24-Mar-15	24-Apr-15	13d					
Architectural Feature for EVS										
2140	EVS - Prepare Preliminary Design and Submission	48d	20-Jan-15	23-Mar-15	11d					
2142	EVS - Finalise preliminary design and ICE Review	24d	24-Mar-15	24-Apr-15	11d					
Tunnel Ventilation System (TVS)										
2042	TVS - Finalise preliminary design and ICE Review	48d	29-Aug-14 A	05-Feb-15	81d					
2046	TVS - Submit design to Engineer for review & approval	48d	01-Sep-14 A	05-Feb-15	81d					
2048	TVS - Prepare the Detailed Design submission	18d	20-Jan-15	09-Feb-15	81d					
2044	TVS - Final submission to Engineer with ICE Certificate	0d		05-Feb-15	81d					◆
2050	TVS - Finalise detailed design submission and ICE Checks & issue Check Certificate	36d	10-Feb-15	30-Mar-15	81d					
2052	TVS - Engineer Approval; Consent to Proceed Construction	24d	31-Mar-15	02-May-15	81d					
Air Purification System (APS)										
10152	APS - Submit Sub systems Design to Engineer for review & approval	12d	20-Sep-14 A	03-Feb-15	18d					

<ul style="list-style-type: none"> ◆ Current Milestone ▬ Level of Effort ▲ Baseline Milestone ■ Actual Work 	<ul style="list-style-type: none"> ▬ Critical Remaining Work ▬ Remaining Work ▬ Project Baseline
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Leighton Contractors (Asia) Limited Programme Update 11 (January 2015) THREE MONTH ROLLING

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CWB(CC) - Commissioning Contract

TASK filters: 3 Months_4, Not HL.

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015			
						Jan	Feb	Mar	Apr
2342	APS - FAT ESP	60d	04-Feb-15	28-Apr-15	18d				
2344	APS - FAT DeNO2	60d	04-Feb-15	28-Apr-15	18d				
Tunnel and Approach Road Lighting System									
2072	LS - Submit design to Engineer for review & approval	48d	14-Jul-14 A	02-Feb-15	203d				
2074	LS - Prepare the Detailed Design submission	18d	06-Oct-14 A	07-Feb-15	198d				
2076	LS - Finalise detailed design submission and ICE Checks & issue Check Certificate	36d	09-Feb-15	28-Mar-15	198d				
2078	LS - Engineer Approval; Consent to Proceed Construction	24d	30-Mar-15	30-Apr-15	198d				
Central Control and Monitoring System (CCMS) and ELV System									
2086	CCMS - Submit design to Engineer for review & approval	48d	01-Sep-14 A	02-Feb-15	198d				
2088	CCMS - Prepare the Detailed Design submission	18d	22-Sep-14 A	07-Feb-15	193d				
2094	CCMS - Final submission to Engineer with ICE Certificate	0d		20-Jan-15	210d				
2090	CCMS - Finalise detailed design submission and ICE Checks & issue Check Certificate	36d	09-Feb-15	28-Mar-15	193d				
2092	CCMS - Engineer Approval; Consent to Proceed Construction	24d	30-Mar-15	30-Apr-15	193d				
Traffic Control and Surveillance System (TCSS)									
10188	TCSS - System description (Overview) (DRAFT) submission to Engineer & approval	30d	21-May-14 A	22-Jan-15	100d				
2100	TCSS - Submit design to Engineer for review & approval	48d	26-Jun-14 A	11-Feb-15	131d				
2102	TCSS - Prepare the Detailed Design submission	18d	06-Oct-14 A	11-Feb-15	131d				
10190	TCSS - System description (Overview) (FINAL) and submission	30d	23-Jan-15	05-Mar-15	100d				
2104	TCSS - Finalise detailed design submission and ICE Checks & issue Check Certificate	18d	12-Feb-15	11-Mar-15	131d				
10192	TCSS - System description (Overview) (FINAL) submission to Engineer & approval	30d	06-Mar-15	14-Apr-15	100d				
2098	TCSS - Finalise Preliminary design and ICE Review	30d	15-Apr-15	20-May-15	100d				
Electrical System									
2114	ES - Submit design to Engineer for review & approval	48d	25-Jun-14 A	02-Feb-15	25d				
2116	ES - Prepare the Detailed Design submission	18d	19-Aug-14 A	02-Feb-15	25d				
2118	ES - Finalise detailed design submission and ICE Checks & issue Check Certificate	36d	18-Sep-14 A	02-Feb-15	25d				

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

Leighton Contractors (Asia) Limited Programme Update 11 (January 2015) THREE MONTH ROLLING

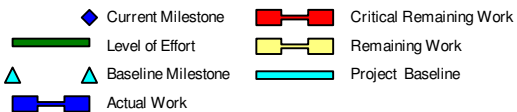
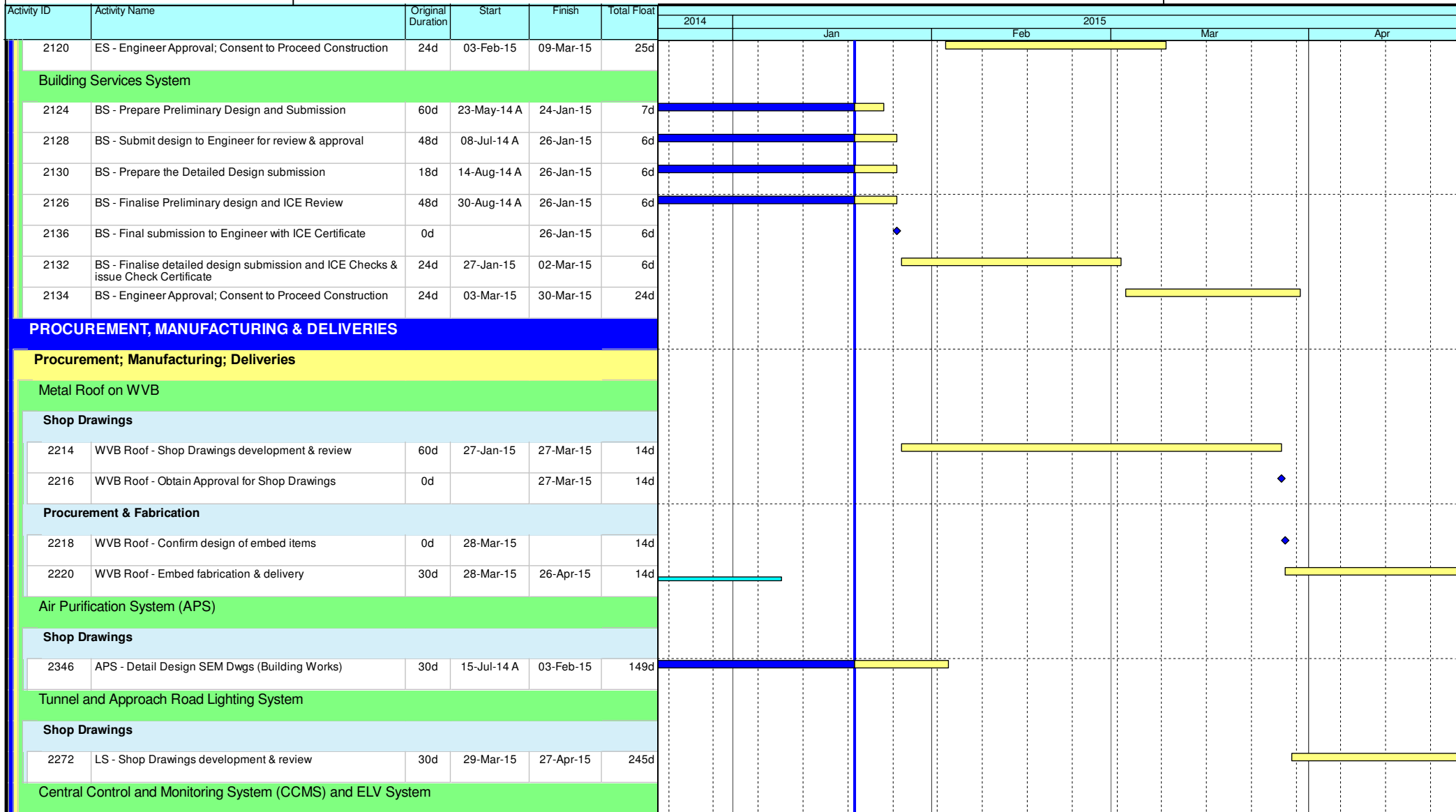
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CWB(CC) - Commissioning Contract

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CWB(CC) - Commissioning Contract

TASK filters: 3 Months_4, Not HL.

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015				
						Jan	Feb	Mar	Apr	
Shop Drawings										
2280	CCMS - Shop Drawings development & review	24d	29-Mar-15	21-Apr-15	243d					
Traffic Control and Surveillance System (TCSS)										
Shop Drawings										
2288	TCSS - Shop Drawings development & review	60d	03-Jun-14 A	18-Feb-15	211d					
2290	TCSS - Obtain Approval for Shop Drawings	0d		18-Feb-15	211d					
Electrical System										
Shop Drawings										
2296	ES - Shop Drawings development & review	90d	16-Jun-14 A	10-Mar-15	33d					
2298	ES - Obtain Approval for Shop Drawings	0d		10-Mar-15	33d					
Procurement & Fabrication										
2300	ES - Issue PO for all HV switchboards and transformers	0d	11-Mar-15		33d					
2320	ES - Issue PO for all LV switchboards and motor control centres	0d	11-Mar-15		33d					
2324	ES - Issue PO for all Generators	0d	11-Mar-15		33d					
10096	ES - Procurement for all HV switchboards and transformers materials & equipments	90d	11-Mar-15	08-Jun-15	33d					
10098	ES - Procurement for all LV switchboards and MCC, materials & equipments	90d	11-Mar-15	08-Jun-15	33d					
10100	ES - Procurement for all Generators, materials & equipments	90d	11-Mar-15	08-Jun-15	33d					
2302	ES - Delivery for all HV switchboards and transformers materials & equipments	90d	10-Apr-15	08-Jul-15	33d					
2322	ES - Delivery for all LV switchboards and MCC, materials & equipments	90d	10-Apr-15	08-Jul-15	33d					
2326	ES - Delivery for all Generators, materials & equipments	90d	10-Apr-15	08-Jul-15	33d					
Building Services System										
Shop Drawings / CSD / CBWD										
2304	BS(WVB) - Shop Drawings, CSD & CBWD development & review	54d	03-Mar-15	25-Apr-15	7d					
2316	BS(EVB) - Shop Drawings, CSD & CBWD development & review	54d	02-Apr-15	25-May-15	7d					
Thermal Barriers										

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

Leighton Contractors (Asia) Limited Programme Update 11 (January 2015) THREE MONTH ROLLING

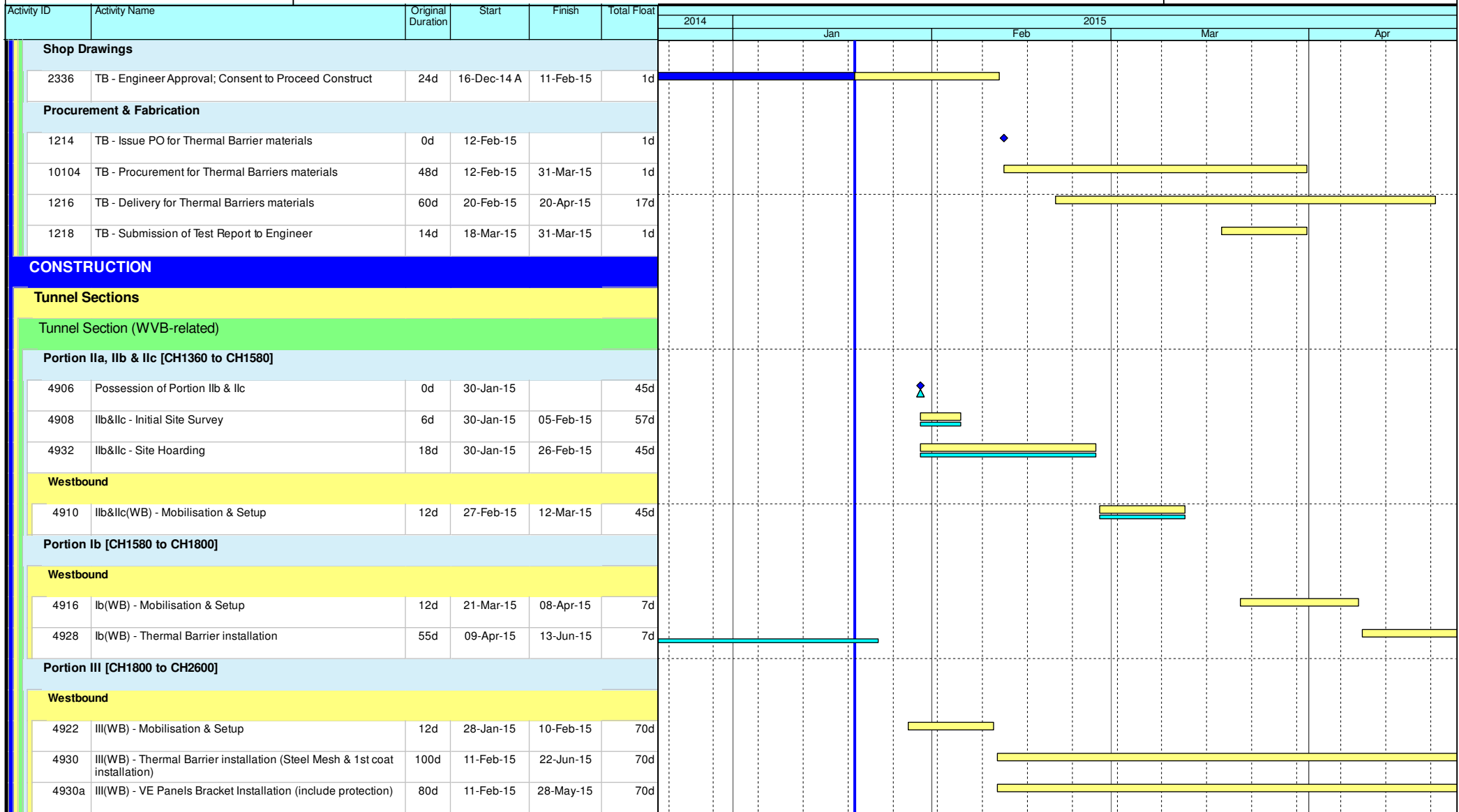
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CWB(CC) - Commissioning Contract

TASK filters: 3 Months_4, Not HL.



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

Leighton Contractors (Asia) Limited Programme Update 11 (January 2015) THREE MONTH ROLLING

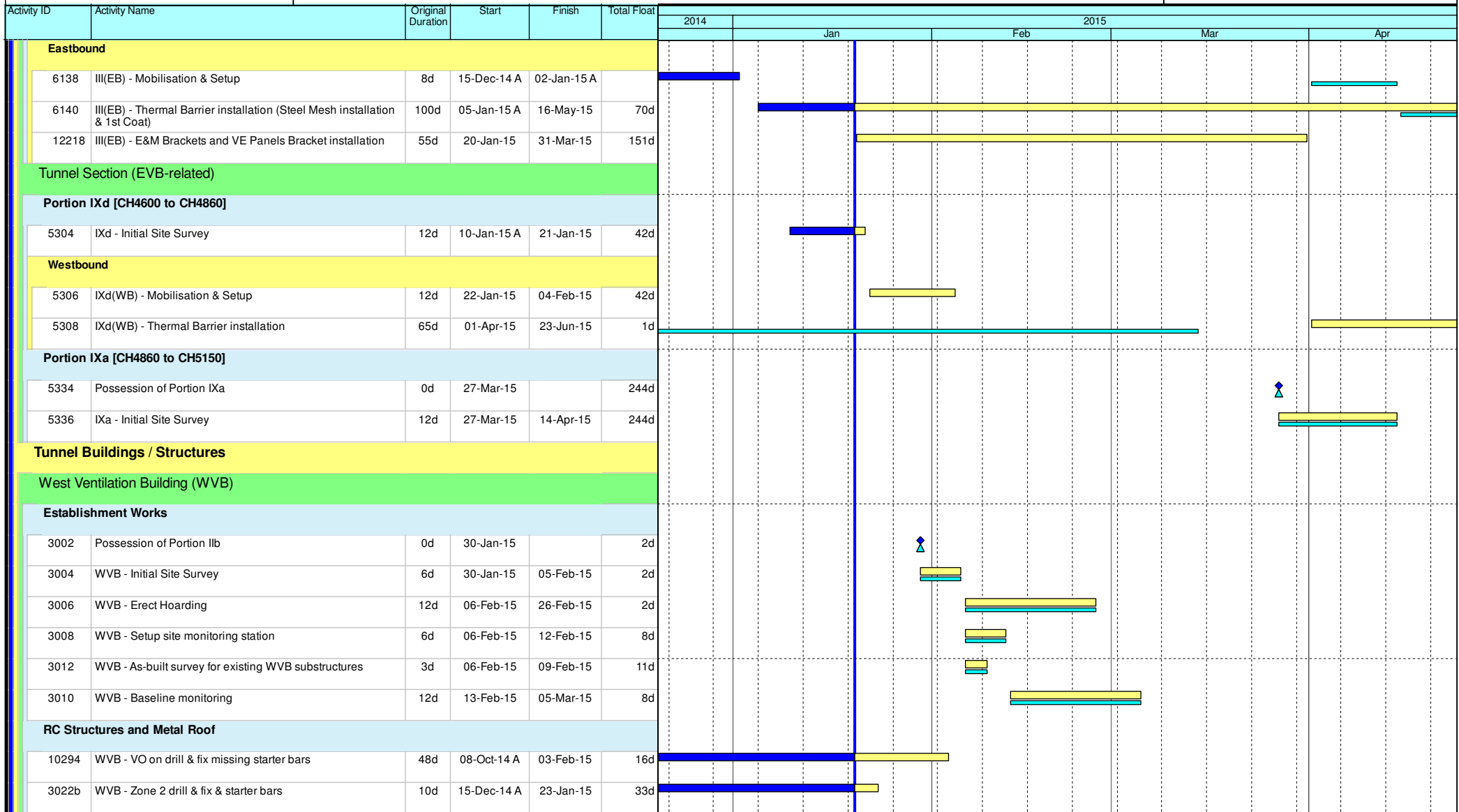
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CWB(CC) - Commissioning Contract

TASK filters: 3 Months_4, Not HL.



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

Leighton Contractors (Asia) Limited Programme Update 11 (January 2015) THREE MONTH ROLLING

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CWB(CC) - Commissioning Contract

TASK filters: 3 Months_4, Not HL.

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2015																
						2014			Jan			Feb			Mar			Apr				
						Jan	Feb	Mar	Jan	Feb	Mar	Jan	Feb	Mar	Jan	Feb	Mar					
3022a	WVB - Zone 3 G/F slab concreting	1d	12-Jan-15 A	12-Jan-15 A																		
3022c	WVB - Zone 1 backfilling for G/F slab	4d	24-Jan-15	28-Jan-15	33d																	
3020	WVB - Mobilisation & setup	12d	27-Feb-15	12-Mar-15	2d																	
3022	WVB - Construct G/F Beams and Slabs	34d	13-Mar-15	25-Apr-15	2d																	
10130	WVB - Temporary supports at tunnel portal for metal roof	50d	13-Mar-15	15-May-15	45d																	
3024	WVB - Construct Beams and Slabs upto GM/F	24d	08-Apr-15	06-May-15	2d																	
3026	WVB - Construct Beams and Slabs upto 1/F	47d	15-Apr-15	10-Jun-15	2d																	
East Ventilation Shaft (EVS)																						
Establishment Works																						
3800	Possession of Portion XI	0d	21-Dec-14 A																			
3802	EVS - Initial Site Survey	6d	20-Jan-15	26-Jan-15	197d																	
3804	EVS - Erect Hoarding	12d	27-Jan-15	09-Feb-15	209d																	
3806	EVS - Setup site monitoring station	12d	27-Jan-15	09-Feb-15	197d																	
3816	EVS - As-built survey for existing EVS substructures	6d	27-Jan-15	02-Feb-15	197d																	
3808	EVS - Baseline monitoring	12d	10-Feb-15	02-Mar-15	197d																	
RC Structures and Metal Roof																						
3810	EVS - Mobilisation & setup	6d	27-Jan-15	02-Feb-15	197d																	
3812	EVS - Blinding for EVS base slab	18d	03-Feb-15	02-Mar-15	197d																	
3814	EVS - Construct RC Structures from top slab of EV Adit upto G/ F +5.2mPD	24d	06-Mar-15	02-Apr-15	194d																	
3818	EVS - Construct RC Structures upto R/F +8.2mPD	24d	08-Apr-15	06-May-15	194d																	

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

Leighton Contractors (Asia) Limited Programme Update 11 (January 2015) THREE MONTH ROLLING

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Activity ID	Activity Name	Remaining Duration	Start	Finish	Total Float	2015																						
						January				February				March				April				May						
						04	11	18	25	01	08	15	22	01	08	15	22	29	05	12	19	26	03					
3MRP - Jan 2015 to April 2015																												
02 - PRE-CONSTRUCTION WORKS																												
02.3 - Method Statement / Shop Drawings																												
0230-1380	MS Landscape Deck Structure - Submission	28	08-Feb-15	07-Mar-15	893																							MS Landscape Deck Structure - Submission
0230-1390	MS Landscape Deck Structure - ER Review & Comment	28	08-Mar-15	04-Apr-15	893																							MS Landscape Deck Structure - ER R
0230-1400	MS Landscape Deck Structure - Resubmission	28	05-Apr-15	02-May-15	893																							MS L
0230-1450	MS Permanent Noise Barrier Cantilever - No Adverse Comment	3	19-Aug-14 A	22-Jan-15	63																							MS Permanent Noise Barrier Cantilever - No Adverse Comment
0230-1611	MS Noise Semi Enclosure - Submission	60	19-Feb-15	19-Apr-15	276																							MS Noise Semi Encl
0230-1612	MS Noise Semi Enclosure - ER Review / Comment	28	20-Apr-15	17-May-15	276																							
0230-1670	MS Approach Ramp - ER Review & Comment	28	20-Jan-15	16-Feb-15	0																							MS Approach Ramp - ER Review & Comment
0230-1680	MS Approach Ramp - Resubmission	28	17-Feb-15	16-Mar-15	0																							MS Approach Ramp - Resubmission
0230-1690	MS Approach Ramp - ER Approval	28	17-Mar-15	13-Apr-15	0																							MS Approach Ramp - ER A
A10060	MS for Demolition of Bulkhead Wall at interface C15 & C19 - Resubmission	0	21-Dec-14 A	31-Dec-14 A																								MS for Demolition of Bulkhead Wall at interface C15 & C19 - Resubmission
A10070	MS for Demolition of Bulkhead Wall at interface C15 & C19 - ER No Adverse Comment	10	01-Jan-15 A	29-Jan-15	5																							MS for Demolition of Bulkhead Wall at interface C15 & C19 - ER No Adverse Comment
A10090	MS for Partition Walls and outstanding columns at APS Basement - ER Review & Comment	0	11-Dec-14 A	31-Dec-14 A																								MS for Partition Walls and outstanding columns at APS Basement - ER Review & Comment
A10100	MS for Partition Walls and outstanding columns at APS Basement - Resubmission	6	01-Jan-15 A	25-Jan-15	22																							MS for Partition Walls and outstanding columns at APS Basement - Resubmission
A10110	MS for Partition Walls and outstanding columns at APS Basement - ER No Adverse Comment	18	26-Jan-15	12-Feb-15	22																							MS for Partition Walls and outstanding columns at APS Basement - ER No Adverse Comment
A10380	MS for Temporary Steel Tower under existing W/B BrigdeADB Ground Beam & Pile C	0	16-Nov-14 A	19-Jan-15 A																								MS for Temporary Steel Tower under existing W/B BrigdeADB Ground Beam & Pile Cap - ER No Adverse Comment
A5910	MS for Temporary Steel Tower under existing W/B Brigde - Submission	0	20-Jan-15 A	20-Jan-15	71																							MS for Temporary Steel Tower under existing W/B Brigde - Submission
A5920	MS for Temporary Steel Tower under existing W/B Brigde - ER Review & Comment	12	20-Jan-15	31-Jan-15	71																							MS for Temporary Steel Tower under existing W/B Brigde - ER Review & Comment
A5930	MS for Temporary Steel Tower under existing W/B Brigde - Resubmission	6	01-Feb-15	06-Feb-15	71																							MS for Temporary Steel Tower under existing W/B Brigde - Resubmission
A5940	MS for Temporary Steel Tower under existing W/B Brigde - ER No Adverse Comment	18	07-Feb-15	24-Feb-15	71																							MS for Temporary Steel Tower under existing W/B Brigde - ER No Adverse Commer
A5980	MS ADB Ground Beam & Pile Cap - ER No Adverse Comment	0	16-Nov-14 A	19-Jan-15 A																								MS ADB Ground Beam & Pile Cap - ER No Adverse Comment
A7590	MS Temporary Bridge TA2 - ER No Adverse Comment	8	16-Dec-14 A	27-Jan-15	57																							MS Temporary Bridge TA2 - ER No Adverse Comment
A8941	MS for for installation of Temporary JTI sign gantry - ER Review & Comment	0	16-Dec-14 A	31-Dec-14 A																								MS for for installation of Temporary JTI sign gantry - ER Review & Comment
A8951	MS for for installation of Temporary JTI sign gantry - Resubmission	0	01-Jan-15 A	10-Jan-15 A																								MS for for installation of Temporary JTI sign gantry - Resubmission
A8961	MS for for installation of Temporary JTI sign gantry - ER No Adverse Comment	10	11-Jan-15 A	29-Jan-15	14																							MS for for installation of Temporary JTI sign gantry - ER No Adverse Comment
02.4 - Contractor's Design and Build Items																												
0240-1111	Noise Enclosure Structural Design - No Adverse Comment	6	03-Aug-14 A	25-Jan-15	57																							Noise Enclosure Structural Design - No Adverse Comment
0240-1113	Noise Enclosure Structural - Shop Drawings	30	02-Jan-14 A	18-Feb-15	191																							Noise Enclosure Structural - Shop Drawings
0240-1137	Noise Barrier Panel - Design No Adverse Comment	0	13-Aug-14 A	15-Jan-15 A																								Noise Barrier Panel - Design No Adverse Comment
0240-1170	HGHK Permanent Carpark Design - Prep & Submit	80	20-Jan-15*	09-Apr-15	11																							HGHK Permanent Carpark Des
0240-1180	HGHK Permanent Carpark Design - ER/HGHK Review and Comment	80	10-Apr-15	28-Jun-15	11																							
0240-1270	Landscaping Design - Submission	90	20-Jan-15*	19-Apr-15	758																							Landscaping Design
0240-1280	Landscaping Design - ER Review/Resubmission	42	20-Apr-15	31-May-15	758																							
A5890	Temp Bridge "TA2" Design (Foundation & Structure) - ER No Adverse Comment	4	01-Dec-14 A	24-Jan-15	44																							Temp Bridge "TA2" Design (Foundation & Structure) - ER No Adverse Comment
A5900	Temp Bridge "TA2" - Fabrication	24	01-Dec-14 A	12-Feb-15	44																							Temp Bridge "TA2" - Fabrication
A8981	Design for Trial Panels > Green Roof & Wall- Resubmission	0	16-Dec-14 A	31-Dec-14 A																								Design for Trial Panels > Green Roof & Wall- Resubmission

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

Contract HY/2009/19

Three Months Rolling Programme (20 Jan to 19 Apr 2015)

Activity ID	Activity Name	Remaining Duration	Start	Finish	Total Float	2015																				
						January				February				March				April				May				
						04	11	18	25	01	08	15	22	01	08	15	22	29	05	12	19	26	03			
A8991	Design for Trial Panels > Green Roof & Wall- ER No Adverse Comment	21	20-Jan-15	09-Feb-15	19																					
A9001	Design for Trial Panels > Green Roof & Wall - Fabrication	48	10-Feb-15	29-Mar-15	19																					
A9010	Green Roof & Wall Minimum 2 years Establishment	660	07-Apr-15*	14-Jun-17	10																					
02.5 - Bridge Segment/Beam Off-site Precasting																										
0250-1720.17	Precast Beam Bridge C1 2021-A	0	02-Dec-14 A	30-Dec-14 A																						
0250-1720.18	Precast Beam Bridge C1 2021-B	18	20-Jan-15	06-Feb-15	5																					
0250-1720.19	Precast Beam Bridge C1 2021-C	18	07-Feb-15	24-Feb-15	88																					
0250-1720.20	Precast Beam Bridge C1 2122-A	18	25-Feb-15	14-Mar-15	88																					
0250-1720.21	Precast Beam Bridge C1 2122-B	18	15-Mar-15	01-Apr-15	88																					
0250-1720.22	Precast Beam Bridge C1 2122-C	18	20-Jan-15	06-Feb-15	5																					
0250-1720.23	Precast Beam Bridge C1 2122-D	18	07-Feb-15	24-Feb-15	88																					
0250-1720.25	Precast Beam Bridge C1 2122-E	18	25-Feb-15	14-Mar-15	88																					
0250-1720.26	Precast Beam Bridge C1 2122-F	18	15-Mar-15	01-Apr-15	88																					
0250-1720.27	Precast Beam Bridge E E3E2-A	18	07-Feb-15	24-Feb-15	5																					
0250-1720.28	Precast Beam Bridge E E3E2-B	18	25-Feb-15	14-Mar-15	5																					
0250-1720.29	Precast Beam Bridge E E3E2-C	18	15-Mar-15	01-Apr-15	5																					
0250-1720.30	Precast Beam Bridge E E4E3-A	18	02-Apr-15	19-Apr-15	5																					
0250-1720.31	Precast Beam Bridge E E4E3-B	18	20-Apr-15	07-May-15	5																					
0250-2040	Bridg C2 Pier 23 T-span Segment Off-site Casting (13 nos.)	5	06-Dec-14 A	24-Jan-15	8																					
0250-2050	Bridg C2 Pier 25 End-span Segment Off-site Casting (6 nos.)	0	26-Nov-14 A	29-Dec-14 A																						
0250-2070	Bridg F1C Pier 36 T-span Segment Off-site Casting (13 nos.)	31	24-Jan-15	24-Feb-15	8																					
0250-2080	Bridg F1C Pier 37 T-span Segment Off-site Casting (11 nos.)	27	24-Feb-15	23-Mar-15	8																					
0250-2090	Bridg F1C Abut D12 End-span Segment Off-site Casting (7 nos.)	22	20-Jan-15	10-Feb-15	22																					
0250-2100	Bridg F1C Pier 38 End-span Segment Off-site Casting (6 nos.)	19	11-Feb-15	01-Mar-15	25																					
0250-2110	Bridg F2C Pier 39 T-span Segment Off-site Casting (13 nos.)	31	23-Mar-15	23-Apr-15	8																					
0250-2120	Bridg F2C Pier 38 End-span Segment Off-site Casting (5 nos.)	16	02-Mar-15	17-Mar-15	25																					
0250-2130	Bridg F2C Pier 40 End-span Segment Off-site Casting (5 nos.)	16	18-Mar-15	02-Apr-15	25																					
0250-2160	Bridg F3C Pier 40 End-span Segment Off-site Casting (5 nos.)	16	03-Apr-15	18-Apr-15	25																					
0250-2170	Bridg F3C Pier 43 End-span Segment Off-site Casting (6 nos.)	19	19-Apr-15	07-May-15	25																					
03 - PRELIMINARY WORKS																										
03.3 - Interface Works																										
0330-1100	Temporary Relocate FEHD On top of Tunnel (Portion IA)	12	12-Feb-15	28-Feb-15	63																					
0330-1101	Works at FEHD Permanent Depot (Stage 2)	100	21-Mar-15	22-Jul-15	46																					
A7630	Relocation of Cu-De-Sac at Oil Street > Junk Collector	81	02-Feb-15	15-May-15	50																					
A9190	Fabrication of JTI Gantry	0	01-Dec-14 A	19-Jan-15 A																						
A9200	Installation of JTI Gantry	44	20-Jan-15	14-Mar-15	12																					
05 - SECTION 2 & 2A OF THE WORKS																										
05.1 - Cut & Cover Tunnel Ch 4855-4932 (APS Footprint)																										

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

Contract HY/2009/19

Three Months Rolling Programme (20 Jan to 19 Apr 2015)

Activity ID	Activity Name	Remaining Duration	Start	Finish	Total Float	2015																				
						January				February				March				April				May				
						04	11	18	25	01	08	15	22	01	08	15	22	29	05	12	19	26	03			
05.1.1 - D-Wall Construction																										
A5990	D-Wall Interface Coring	14	20-Jan-15*	04-Feb-15	14																					
A6000	D-Wall Grouting/Pressure Grouting	3	05-Feb-15	07-Feb-15	14																					
05.1.2 - ELS																										
0512-1275	Middle Lev. Bay 14 (Break Permanent Bulkhead Wall)	0	10-Dec-14 A	12-Jan-15 A																						
05.1.3 - APS & Tunnel Structure																										
0513-1316	APS Bay 17 Col - (Reb. Fix + Concrete)	12	27-Feb-15	13-Mar-15	63																					
0513-1400	Tunnel Bay 17- Base Slab - (Reb. Fix + Concrete)-Lower Portion	0	15-Dec-14 A	26-Dec-14 A																						
0513-1410	Tunnel Bay 17 - Base Slab - (Reb. Fix + Concrete)-Upper Portion	0	16-Dec-14 A	11-Jan-15 A																						
0513-1420	Tunnel Bay 17 - Struts Removal	4	12-Jan-15 A	23-Jan-15	3																					
0513-1430	Tunnel Bay 17 - Central Wall - (Reb. Fix)	5	24-Jan-15	29-Jan-15	3																					
0513-1440	Tunnel Bay 17 - Central Wall - (Concrete)	1	30-Jan-15	30-Jan-15	21																					
0513-1450	OHVD Bay 17 - Falseworks	8	24-Jan-15	02-Feb-15	3																					
0513-1460	OHVD + Wall Bay 17 - Steel Fixing	5	03-Feb-15	07-Feb-15	4																					
0513-1470	OHVD + Wall Bay 17 - Concreting	1	08-Feb-15	08-Feb-15	4																					
0513-1480	OHVD + Wall Bay 17 - Curing of Concrete	1	09-Feb-15	09-Feb-15	4																					
0513-1510	Tunnel Bay 17 -Tunnel Roof - Falseworks	8	09-Feb-15	16-Feb-15	4																					
0513-1520	Tunnel Bay 17 -Tunnel Roof - CJ Preparation	4	09-Feb-15	12-Feb-15	9																					
0513-1530	Tunnel Bay 17 -Tunnel Roof - Steel Fixing	6	17-Feb-15	22-Feb-15	4																					
0513-1540	Tunnel Bay 17 -Tunnel Roof - (Concrete)	1	23-Feb-15	23-Feb-15	4																					
0513-1630	Tunnel Bay 18 - Struts Removal	4	15-Jan-15 A	23-Jan-15	3																					
0513-1640	Tunnel Bay 18 - Central Wall - (Reb. Fix)	7	24-Jan-15	31-Jan-15	3																					
0513-1650	Tunnel Bay 18 - Central Wall - (Concrete)	1	02-Feb-15	02-Feb-15	18																					
0513-1660	OHVD Bay 18 - Falseworks	8	24-Jan-15	02-Feb-15	3																					
0513-1670	OHVD + Wall Bay 18 - Steel Fixing	5	03-Feb-15	07-Feb-15	3																					
0513-1680	OHVD + Bay 18 - Concreting	1	08-Feb-15	08-Feb-15	3																					
A3370	OHVD + Wall Bay 18 - Curing of Concrete	1	09-Feb-15	09-Feb-15	3																					
A3400	Tunnel Bay 18 -Tunnel Roof - Falseworks	6	09-Feb-15	16-Feb-15	3																					
A3410	Tunnel Bay 18 -Tunnel Roof - CJ Preparation	6	09-Feb-15	14-Feb-15	9																					
A3420	Tunnel Bay 18 -Tunnel Roof - Steel Fixing	6	16-Feb-15	22-Feb-15	5																					
A3430	Tunnel Bay 18 -Tunnel Roof - (Concrete)	1	23-Feb-15	23-Feb-15	4																					
A3540	OHVD Bay 19	0	22-Dec-14 A	24-Dec-14 A																						
A3550	OHVD Wall Bay	0	26-Dec-14 A	30-Dec-14 A																						
A3560	OHVD + Wall Bay 19 - Curing of Concrete	0	30-Dec-14 A	31-Dec-14 A																						
A3590	Tunnel Bay 19 -Tunnel Roof - Falseworks	0	31-Dec-14 A	06-Jan-15 A																						
A3600	Tunnel Bay 19 -Tunnel Roof - CJ Preparation	0	31-Dec-14 A	08-Jan-15 A																						
A3610	Tunnel Bay 19 -Tunnel Roof - Steel Fixing	0	07-Jan-15 A	20-Jan-15	38																					
A3620	Tunnel Bay 19 -Tunnel Roof - (Concrete)	1	20-Jan-15	21-Jan-15	38																					

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Contract HY/2009/19

Three Months Rolling Programme (20 Jan to 19 Apr 2015)

Activity ID	Activity Name	Remaining Duration	Start	Finish	Total Float	2015																				
						January				February				March					April				May			
						04	11	18	25	01	08	15	22	01	08	15	22	29	05	12	19	26	03			
A3680	Tunnel Bay 20 - Base Slab - (Reb. Fix + Concrete)-Upper Portion	0	14-Dec-14 A	23-Dec-14 A		- Base Slab - (Reb. Fix + Concrete)-Upper Portion																				
A3690	Tunnel Bay 20 - Struts Removal	0	24-Dec-14 A	07-Jan-15 A		■ Tunnel Bay 20 - Struts Removal																				
A3691	Tunnel Bay 20 - Central Wall - (Reb. Fix)	0	08-Jan-15 A	16-Jan-15 A		■ Tunnel Bay 20 - Central Wall - (Reb. Fix)																				
A3692	Tunnel Bay 20 - Central Wall - (Concrete)	1	20-Jan-15	20-Jan-15	38	■ Tunnel Bay 20 - Central Wall - (Concrete)																				
A3693	OHVD Bay 20 - Falseworks	9	20-Jan-15	28-Jan-15	7	■ OHVD Bay 20 - Falseworks																				
A3694	OHVD + Wall Bay 20 - Steel Fixing	4	29-Jan-15	01-Feb-15	7	■ OHVD + Wall Bay 20 - Steel Fixing																				
A3695	OHVD + Wall Bay 20 - Concreting	1	02-Feb-15	02-Feb-15	7	■ OHVD + Wall Bay 20 - Concreting																				
A3696	OHVD Bay 20 - Curing of Concrete	1	03-Feb-15	03-Feb-15	7	■ OHVD Bay 20 - Curing of Concrete																				
A3790	Tunnel Bay 20 -Tunnel Roof - Falsework/Formworks	6	04-Feb-15	09-Feb-15	7	■ Tunnel Bay 20 -Tunnel Roof - Falsework/Formworks																				
A3791	Tunnel Bay 20 -Tunnel Roof - CJ Preparation	5	04-Feb-15	08-Feb-15	18	■ Tunnel Bay 20 -Tunnel Roof - CJ Preparation																				
A3800	Tunnel Bay 20 -Tunnel Roof - Steel Fixing	6	09-Feb-15	16-Feb-15	6	■ Tunnel Bay 20 -Tunnel Roof - Steel Fixing																				
A3810	Tunnel Bay 20 -Tunnel Roof - (Concrete)	1	16-Feb-15	17-Feb-15	6	■ Tunnel Bay 20 -Tunnel Roof - (Concrete)																				
A3813	APS Bay 21 Col - (Reb. Fix + Concrete)	12	23-Feb-15	06-Mar-15	85	■ APS Bay 21 Col - (Reb. Fix + Concrete)																				
A3860	Tunnel Bay 21- Base Slab - (Reb. Fix + Concrete)-Lower Portion	0	06-Dec-14 A	13-Jan-15 A		■ Tunnel Bay 21- Base Slab - (Reb. Fix + Concrete)-Lower Portion																				
A3861	Tunnel Bay 21 - Base Slab - (Reb. Fix + Concrete)-Upper Portion	2	08-Jan-15 A	21-Jan-15	0	■ Tunnel Bay 21 - Base Slab - (Reb. Fix + Concrete)-Upper Portion																				
A3880	Tunnel Bay 21 - Struts Removal	3	22-Jan-15	24-Jan-15	0	■ Tunnel Bay 21 - Struts Removal																				
A3890	Tunnel Bay 21 - Central Wall - (Reb. Fix)	6	25-Jan-15	30-Jan-15	5	■ Tunnel Bay 21 - Central Wall - (Reb. Fix)																				
A3900	Tunnel Bay 21 - Central Wall - (Concrete)	1	31-Jan-15	31-Jan-15	7	■ Tunnel Bay 21 - Central Wall - (Concrete)																				
A3910	OHVD Bay 21 - Falseworks	9	25-Jan-15	02-Feb-15	5	■ OHVD Bay 21 - Falseworks																				
A3920	OHVD + Wall Bay 21 - Steel Fixing	4	03-Feb-15	06-Feb-15	5	■ OHVD + Wall Bay 21 - Steel Fixing																				
A3930	OHVD + Wall Bay 21 - Concreting	1	07-Feb-15	07-Feb-15	5	■ OHVD + Wall Bay 21 - Concreting																				
A3940	OHVD + Wall Bay 21 - Curing of Concrete	1	07-Feb-15	07-Feb-15	5	■ OHVD + Wall Bay 21 - Curing of Concrete																				
A3970	Tunnel Bay 21 -Tunnel Roof - Falseworks/Formworks	6	08-Feb-15	13-Feb-15	5	■ Tunnel Bay 21 -Tunnel Roof - Falseworks/Formworks																				
A3980	Tunnel Bay 21 -Tunnel Roof - CJ Preparation	7	08-Feb-15	14-Feb-15	5	■ Tunnel Bay 21 -Tunnel Roof - CJ Preparation																				
A3990	Tunnel Bay 21 -Tunnel Roof - Steel Fixing	7	15-Feb-15	21-Feb-15	5	■ Tunnel Bay 21 -Tunnel Roof - Steel Fixing																				
A4000	Tunnel Bay 21 -Tunnel Roof - (Concrete)	1	22-Feb-15	22-Feb-15	5	■ Tunnel Bay 21 -Tunnel Roof - (Concrete)																				
A5414	APS Basement (Bay 21a) - Staircase - Falseworks/Formworks	12	16-Feb-15	04-Mar-15	1	■ APS Basement (Bay 21a) - Staircase - Falseworks/Formworks																				
A5424	APS Basement (Bay 21a) - Staircase - Rebar-Fixing + Concreting	14	05-Mar-15	20-Mar-15	1	■ APS Basement (Bay 21a) - Staircase - Rebar-Fixing + C																				
A5425	APS Basement (Bay 21a) - Partition wall	14	16-Feb-15	06-Mar-15	13	■ APS Basement (Bay 21a) - Partition wall																				
A5426	APS Basement (Bay 21b) - Staircase - Falseworks/Formworks	12	21-Mar-15	07-Apr-15	1	■ APS Basement (Bay 21b) - Stairca																				
A5427	APS Basement (Bay 21b) - Staircase - Rebar-Fixing + Concreting	14	08-Apr-15	23-Apr-15	31	■ APS Basement																				
A5427.1	APS Basement (Bay 21b) - Partition wall	14	21-Mar-15	09-Apr-15	1	■ APS Basement (Bay 21b) - Parti																				
A5427.2	APS Basement (Bay 20) - Partition wall	14	21-Mar-15	09-Apr-15	1	■ APS Basement (Bay 20) - Partiti																				
A5427.3	APS Basement (Bay 19) - Partition wall	14	10-Apr-15	25-Apr-15	1	■ APS Baseme																				
A5454	Vertical Saw Cutting of BHW upper portion @ 2M(H) X 32M(L)	12	24-Jan-15	07-Feb-15	0	■ Vertical Saw Cutting of BHW upper portion @ 2M(H) X 32M(L)																				
A5465	Horizontal Saw Cutting of BHW @ 2M(H) X 32M(L)	7	07-Feb-15	16-Feb-15	0	■ Horizontal Saw Cutting of BHW @ 2M(H) X 32M(L)																				
A5474	Removal of BHW Saw Cutted Blocks at upper portion	12	16-Feb-15	05-Mar-15	0	■ Removal of BHW Saw Cutted Blocks at upper portion																				

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Contract HY/2009/19

Three Months Rolling Programme (20 Jan to 19 Apr 2015)

Activity ID	Activity Name	Remaining Duration	Start	Finish	Total Float	2015																				
						January				February				March					April				May			
						04	11	18	25	01	08	15	22	01	08	15	22	29	05	12	19	26	03			
0620-2641	1350mm Drainage MH 9-P to MH 3-1 Stage 2 - Backfill/Extract Sheet Pile	0	15-Jan-15 A	19-Jan-15 A																						
0620-2646	1500mm Drainage MH 3-1 to MH 3-2 - Backfill/Extract Sheet Pile	0	15-Jan-15 A	19-Jan-15 A																						
A9180	In-Situ Testing of Drainage Pipe	14	19-Jan-15 A	04-Feb-15*	42																					
06.3 - Admin Building																										
0630-3119.13	Grd. Beam - Stage 1-(GL > L2-N6) - Loading Test for HP13c	0	10-Dec-14 A	29-Dec-14 A																						
0630-3119.13.1	Grd. Beam - Stage 1-(GL > L2-N6) - Blinding of Cap & Grnd. Beam	2	20-Jan-15	21-Jan-15	93																					
0630-3119.13.2	Grd. Beam - Stage 1-(GL > L2-N6) - Install Capping Plate + weld Test	5	22-Jan-15	27-Jan-15	93																					
0630-3119.14	Grd. Beam - Stage 1-(GL > L2-N6) - Reb Fix + Forworks (Grd. Beam & Pile Cap) > Part1	13	28-Jan-15	09-Feb-15	117																					
0630-3119.15	Grd. Beam - Stage 1-(GL > L2-N6) - Reb Fix + Forworks (Grd. Beam & Pile Cap) > Part2	9	09-Feb-15	23-Feb-15	94																					
0630-3119.16	Grd. Beam - Stage 1-(GL > L2-N6) - Concreting (Grd. Beam & Pile Cap)	1	23-Feb-15	24-Feb-15	94																					
0630-3119.18	Grd. Beam - Stage 1-(GL > L2-N6) - Formworks Removal and Backfill	4	24-Feb-15	28-Feb-15	94																					
0630-3119.2	Grd. Beam - Stage 2-(GL > G2-K6) - Preparation & Divert Waterflow	0	10-Nov-14 A	23-Dec-14 A																						
0630-3119.21	Grd. Beam - Stage 2-(GL > G2-K6) - Excavate G.L to +2.5mPD and Pile Cap B.L to +1.65mPD	0	24-Dec-14 A	17-Jan-15 A																						
0630-3119.22	Grd. Beam - Stage 2-(GL > G2-K6) - Install Capping Plate	9	20-Jan-15	29-Jan-15	71																					
0630-3119.23	Grd. Beam - Stage 2-(GL > G2-K6) - Blinding of Cap & Grnd. Beam	2	30-Jan-15	31-Jan-15	71																					
0630-3119.24	Grd. Beam - Stage 2-(GL > G2-K6) - Rebar Fixing (Grd. Beam & Pile Cap)	5	02-Feb-15	06-Feb-15	71																					
0630-3119.25	Grd. Beam - Stage 2-(GL > G2-K6) - Erect Formworks (Grd. Beam & Pile Cap)	6	07-Feb-15	13-Feb-15	71																					
0630-3119.26	Grd. Beam - Stage 2-(GL > G2-K6) - Concreting (Grd. Beam & Pile Cap)	1	14-Feb-15	14-Feb-15	71																					
0630-3119.27	Grd. Beam - Stage 2-(GL > G2-K6) - Formworks Removal and Backfill	5	16-Feb-15	24-Feb-15	71																					
0630-3119.61	Grd. Beam - Stage A-(GL > D2-F6) - Drive Sheet-Pile Copperdam	0	12-Nov-14 A	16-Jan-15 A																						
0630-3119.62	Grd. Beam - Stage A-(GL > D2-F6) - Excavate to -0.55mPD	2	20-Jan-15	21-Jan-15	41																					
0630-3119.63	Grd. Beam - Stage A-(GL > D2-F6) - Drive Sheet-Pile for 3nos. Sump Pits	4	22-Jan-15	26-Jan-15	41																					
0630-3119.64	Grd. Beam - Stage A-(GL > D2-F6) - Excavate Sump Pits (B.L -1.35,-2.6 & -3.3mPD) + install waling	4	27-Jan-15	30-Jan-15	41																					
0630-3119.65	Grd. Beam - Stage A-(GL > D2-F6) - Install Capping Plate	4	31-Jan-15	04-Feb-15	41																					
0630-3119.66	Grd. Beam - Stage A-(GL > D2-F6) - Blinding of Cap,Grnd. Beam + 3nos.Sump Pits	1	05-Feb-15	05-Feb-15	41																					
0630-3119.67	Grd. Beam - Stage A-(GL > D2-F6) - Water-Proofing	5	06-Feb-15	11-Feb-15	41																					
0630-3119.68	Grd. Beam - Stage A-(GL > D2-F6) - Construct Lower Portion 3nos. Sump-Pit	6	12-Feb-15	18-Feb-15	41																					
0630-3119.69	Grd. Beam - Stage A-(GL > D2-F6) - Remove Waling and Construct upper Portion of Sump Pit	5	23-Feb-15	27-Feb-15	41																					
0630-3119.7	Grd. Beam - Stage A-(GL > D2-F6) - Water-Proofing at Basement	4	28-Feb-15	04-Mar-15	41																					
0630-3119.71	Grd. Beam - Stage A-(GL > D2-F6) - Construct Base-Slab w/ Kicker	4	05-Mar-15	09-Mar-15	41																					
0630-3119.72	Grd. Beam - Stage A-(GL > D2-F6) - Remove Strut	4	10-Mar-15	13-Mar-15	41																					
0630-3119.73	Grd. Beam - Stage A-(GL > D2-F6) - Construct Basement Wall/PC/GB/Column	10	14-Mar-15	25-Mar-15	41																					
0630-3119.74	Grd. Beam - Stage A-(GL > D2-F6) - Formworks, Sheet-Pile Removal and Backfill	5	26-Mar-15	31-Mar-15	41																					
0630-3119.8	Grd. Beam - Stage B-(GL > A1-B6) - Drive Sheet-Pile Copperdam	0	08-Dec-14 A	15-Jan-15 A																						
0630-3119.81	Grd. Beam - Stage B-(GL > A1-B6) - Bulk Excavate G.L to +0.7mPD and install Waling/Strut	6	20-Jan-15	26-Jan-15	44																					
0630-3119.82	Grd. Beam - Stage B-(GL > A1-B6) - Beam Excavation up to +0.2mPD	3	27-Jan-15	29-Jan-15	44																					
0630-3119.83	Grd. Beam - Stage B-(GL > A1-B6) - Pile Cap Excavation up to +0.0mPD and -0.3mPD + Vert/Hor. Blinding	5	30-Jan-15	04-Feb-15	44																					

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Contract HY/2009/19

Three Months Rolling Programme (20 Jan to 19 Apr 2015)

Activity ID	Activity Name	Remaining Duration	Start	Finish	Total Float	2015																			
						January				February				March				April				May			
						04	11	18	25	01	08	15	22	01	08	15	22	29	05	12	19	26	03		
A7670	Retaining Wall F Pre-Bored H-Pile - H - Beam + Grout > BS39b	18	02-Jan-15 A	09-Feb-15	36	Retaining Wall F Pre-Bored H-Pile - H - Beam + Grout > BS39b																			
A7671	Retaining Wall F Pre-Bored H-Pile - H - Beam + Grout > BS40a	18	10-Feb-15	05-Mar-15	36	Retaining Wall F Pre-Bored H-Pile - H - Beam + Grout > BS40a																			
A7672	Retaining Wall F Pre-Bored H-Pile - H - Beam + Grout > BS40b	18	10-Feb-15	05-Mar-15	36	Retaining Wall F Pre-Bored H-Pile - H - Beam + Grout > BS40b																			
A7673	Retaining Wall F Pre-Bored H-Pile - H - Beam + Grout > BS41a	18	20-Jan-15	09-Feb-15	54	Retaining Wall F Pre-Bored H-Pile - H - Beam + Grout > BS41a																			
A7680	Retaining Wall F Pre-Bored H-Pile - H - Beam + Grout > BS42a	18	20-Jan-15	09-Feb-15	36	Retaining Wall F Pre-Bored H-Pile - H - Beam + Grout > BS42a																			
A7690	Retaining Wall F Pre-Bored H-Pile - H - Beam + Grout > BS42b	18	20-Jan-15	09-Feb-15	36	Retaining Wall F Pre-Bored H-Pile - H - Beam + Grout > BS42b																			
A7720	Retaining Wall F Pre-Bored H-Pile - H - Beam + Grout > BS44a	0	12-Dec-14 A	10-Jan-15 A		Retaining Wall F Pre-Bored H-Pile - H - Beam + Grout > BS44a																			
A7730	Retaining Wall F Pre-Bored H-Pile - H - Beam + Grout > BS44b	0	15-Dec-14 A	10-Jan-15 A		Retaining Wall F Pre-Bored H-Pile - H - Beam + Grout > BS44b																			
A7740	Retaining Wall F Pre-Bored H-Pile - H - Beam + Grout > BS45a	0	06-Dec-14 A	20-Jan-15	72	Retaining Wall F Pre-Bored H-Pile - H - Beam + Grout > BS45a																			
A7750	Retaining Wall F Pre-Bored H-Pile - H - Beam + Grout > BS45b	0	05-Dec-14 A	05-Jan-15 A		Retaining Wall F Pre-Bored H-Pile - H - Beam + Grout > BS45b																			
A7760	Retaining Wall F Pre-Bored H-Pile - H - Beam + Grout > BS46a	0	26-Nov-14 A	27-Dec-14 A		Wall F Pre-Bored H-Pile - H - Beam + Grout > BS46a																			
A7780	Retaining Wall F Pre-Bored H-Pile - H - Beam + Grout > BS47a	0	02-Dec-14 A	27-Dec-14 A		Wall F Pre-Bored H-Pile - H - Beam + Grout > BS47a																			
A7800	Complete Pre-Bored H-Pile > Retaining Wall	0		20-Apr-15*	0	◆ Complete Pre-Bore																			
10 - SECTION X OF THE WORKS																									
10.1 - E/B Bridges (Bridge D, E and F)																									
10.1.1 - Marine Pier Construction																									
Pier F03 to F15																									
1011-3274	F1 Dolphin Construction	0	23-Jul-14 A	06-Jan-15 A		F1 Dolphin Construction																			
Pier F01 to F02																									
1011-2900	F1B Pier/Column Construction	12	20-Jan-15	02-Feb-15	664	F1B Pier/Column Construction																			
1011-2910	F1B Crosshead Construction	18	03-Feb-15	26-Feb-15	664	F1B Crosshead Construction																			
1011-2930	Bearing installation pier F1B/F2B	12	27-Feb-15	12-Mar-15	664	Bearing installation pier F1B/F2B																			
10.1.3 - E/B Bridge Construction																									
Bridge F1A																									
1013-1868.2	TTA > Bridge F1A Int. Double Noise Encl. Install Panel (Stage 2 - North)	14	21-Jan-15*	05-Feb-15	0	TTA > Bridge F1A Int. Double Noise Encl. Install Panel (Stage 2 - North)																			
1013-1868.3	Bridge F1A Int. Double Noise Encl. Install Panel (Stage 2 - North)	14	21-Jan-15	05-Feb-15	40	Bridge F1A Int. Double Noise Encl. Install Panel (Stage 2 - North)																			
Bridge F2A																									
1013-1378.2	TTA > Bridge F2A Int. Double Noise Encl. Install Panell (Stage 2 - North)	14	21-Jan-15*	05-Feb-15	0	TTA > Bridge F2A Int. Double Noise Encl. Install Panell (Stage 2 - North)																			
1013-1378.3	Bridge Bridge F2A Int. Double Noise Encl. Install Panel (Stage 2 - North)	14	21-Jan-15	05-Feb-15	50	Bridge Bridge F2A Int. Double Noise Encl. Install Panel (Stage 2 - North)																			
Bridge F5/F4																									
1013-2172.25	Bridge F4 MJ at Pier F14	3	20-Jan-15	22-Jan-15	0	Bridge F4 MJ at Pier F14																			
All E/B Bridges (Common)																									
1013-1720	Permanent Noise Barrier Type B1 E/B Bridge Ch 962-1059 (132m)	5	02-Dec-14 A	30-Jan-15	46	Permanent Noise Barrier Type B1 E/B Bridge Ch 962-1059 (132m)																			
1013-1730	Permanent Noise Barrier Type A1 E/B Bridge Ch 826-962 (136m)	5	05-Dec-14 A	30-Jan-15	46	Permanent Noise Barrier Type A1 E/B Bridge Ch 826-962 (136m)																			
1013-1750	E/B Bridge Sign Gantries and Misc. Mounting Structure/Support	14	20-Sep-14 A	04-Feb-15	42	E/B Bridge Sign Gantries and Misc. Mounting Structure/Support																			
A6150	Permanent Water Mains install E/B > Pier D1 - D3	7	20-Jan-15	27-Jan-15	21	Permanent Water Mains install E/B > Pier D1 - D3																			
A6160	Permanent Water Mains install E/B > Pier D3-D5	7	28-Jan-15	04-Feb-15	21	Permanent Water Mains install E/B > Pier D3-D5																			
A6170	Permanent Water Mains install E/B > Pier D5-D7	7	05-Feb-15	12-Feb-15	21	Permanent Water Mains install E/B > Pier D5-D7																			
A6180	Permanent Water Mains install E/B > Pier D7-D9	7	13-Feb-15	24-Feb-15	21	Permanent Water Mains install E/B > Pier D7-D9																			
A6190	Permanent Water Mains install E/B > Pier D9-D12	7	25-Feb-15	04-Mar-15	21	Permanent Water Mains install E/B > Pier D9-D12																			

- █ Remaining Level of Effort ◆ ◆ Milestone
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Contract HY/2009/19

Three Months Rolling Programme (20 Jan to 19 Apr 2015)

Activity ID	Activity Name	Remaining Duration	Start	Finish	Total Float	2015																				
						January				February				March					April				May			
						04	11	18	25	01	08	15	22	01	08	15	22	29	05	12	19	26	03			
A8072	Pier 42 Erect Falsework at existing W/B Bridge prior to demolition	0	27-Dec-14 A	31-Dec-14 A		Pier 42 Erect Falsework at existing W/B Bridge prior to demolition																				
A8073	Pier 41 Erect Falsework at existing W/B Bridge prior to demolition	0	01-Jan-15 A	06-Jan-15 A		Pier 41 Erect Falsework at existing W/B Bridge prior to demolition																				
A8074	Pier 40 Erect Falsework at existing W/B Bridge prior to demolition	0	05-Jan-15 A	10-Jan-15 A		Pier 40 Erect Falsework at existing W/B Bridge prior to demolition																				
A8075	Pier 39 Erect Falsework at existing W/B Bridge prior to demolition	0	08-Jan-15 A	13-Jan-15 A		Pier 39 Erect Falsework at existing W/B Bridge prior to demolition																				
A8076	Pier 38 Erect Falsework at existing W/B Bridge prior to demolition	0	12-Jan-15 A	16-Jan-15 A		Pier 38 Erect Falsework at existing W/B Bridge prior to demolition																				
A8077	Pier 37 Erect Falsework at existing W/B Bridge prior to demolition	2	15-Jan-15 A	21-Jan-15	111	Pier 37 Erect Falsework at existing W/B Bridge prior to demolition																				
A8078	Pier 36 Erect Falsework at existing W/B Bridge prior to demolition	5	19-Jan-15 A	26-Jan-15	111	Pier 36 Erect Falsework at existing W/B Bridge prior to demolition																				
A8079.1	Pier 28 Erect Falsework at existing W/B Bridge prior to demolition	6	26-Jan-15	31-Jan-15	111	Pier 28 Erect Falsework at existing W/B Bridge prior to demolition																				
A8079.11	Pier 29 Erect Falsework at existing W/B Bridge prior to demolition	6	31-Jan-15	06-Feb-15	111	Pier 29 Erect Falsework at existing W/B Bridge prior to demolition																				
A8079.12	Pier 30 Erect Falsework at existing W/B Bridge prior to demolition	6	06-Feb-15	12-Feb-15	111	Pier 30 Erect Falsework at existing W/B Bridge prior to demolition																				
A8079.13	Pier 31 Erect Falsework at existing W/B Bridge prior to demolition	6	12-Feb-15	18-Feb-15	111	Pier 31 Erect Falsework at existing W/B Bridge prior to demolition																				
A8079.14	Pier 32 Erect Falsework at existing W/B Bridge prior to demolition	6	18-Feb-15	27-Feb-15	111	Pier 32 Erect Falsework at existing W/B Bridge prior to demolition																				
A8079.15	Pier 33 Erect Falsework at existing W/B Bridge prior to demolition	6	27-Feb-15	05-Mar-15	111	Pier 33 Erect Falsework at existing W/B Bridge prior to demolition																				
A8079.16	Pier 34 Erect Falsework at existing W/B Bridge prior to demolition	6	05-Mar-15	11-Mar-15	111	Pier 34 Erect Falsework at existing W/B Bridge prior to demolition																				
A8079.17	Pier 35 Erect Falsework at existing W/B Bridge prior to demolition	6	11-Mar-15	17-Mar-15	111	Pier 35 Erect Falsework at existing W/B Bridge prior to demolition																				
A8079.18	Pier 17 Erect Falsework at existing W/B Bridge prior to demolition	6	17-Mar-15	23-Mar-15	197	Pier 17 Erect Falsework at existing W/B Bridge prior to demolition																				
A8079.19	Pier 26 Erect Falsework at existing W/B Bridge prior to demolition	6	23-Mar-15	28-Mar-15	197	Pier 26 Erect Falsework at existing W/B Bridge prior to demolition																				
A8079.2	Pier 25 Erect Falsework at existing W/B Bridge prior to demolition	6	28-Mar-15	07-Apr-15	197	Pier 25 Erect Falsework at existing W/B Bridge prior to demolition																				
A8079.21	Pier 24 Erect Falsework at existing W/B Bridge prior to demolition	6	07-Apr-15	13-Apr-15	197	Pier 24 Erect Falsework at existing W/B Bridge prior to demolition																				
A8079.22	Pier 23 Erect Falsework at existing W/B Bridge prior to demolition	6	13-Apr-15	18-Apr-15	197	Pier 23 Erect Falsework at existing W/B Bridge prior to demolition																				
A8079.3	Pier 22 Erect Falsework at existing W/B Bridge prior to demolition	6	18-Apr-15	24-Apr-15	197	Pier 22 Erect Falsework at existing W/B Bridge prior to demolition																				
A8079.4	Pier 21 Erect Falsework at existing W/B Bridge prior to demolition	6	24-Apr-15	30-Apr-15	197	Pier 21 Erect Falsework at existing W/B Bridge prior to demolition																				

10.5 - Temporary Bridge

10.5.1 - Temporary Bridge 'TA'

1051-1019	Temporary Bridge TA2 - Mini-Pile	0	19-Dec-14 A	31-Dec-14 A		Temporary Bridge TA2 - Mini-Pile																				
A9630	(TA21 > C15) - Cap Construction	10	17-Jan-15 A	30-Jan-15	43	(TA21 > C15) - Cap Construction																				
A9631	(TA22 > C15) - Cap Construction	11	17-Jan-15 A	31-Jan-15	48	(TA22 > C15) - Cap Construction																				
A9640	(TA21 & TA22 > C15) - Steel Tower Erection	6	31-Jan-15	06-Feb-15	43	(TA21 & TA22 > C15) - Steel Tower Erection																				
A9650	(TA21 & TA22 > C15) - Beam Erection (4nos)	10	06-Feb-15	17-Feb-15	43	(TA21 & TA22 > C15) - Beam Erection (4nos)																				
A9660	(TA21 & TA22 > C15) - Deck Construction	15	18-Feb-15	10-Mar-15	43	(TA21 & TA22 > C15) - Deck Construction																				
A9670	(TA23 & TA25 > C19-EVB Roof) - Steel Tower + Bearing + Beam	12	04-Mar-15	18-Mar-15	0	(TA23 & TA25 > C19-EVB Roof) - Steel Tower + Bearing + Beam																				
A9680	(TA26 - TA28 > C19-EVB Roof) - Steel Tower + Bearing + Beam	16	18-Mar-15	09-Apr-15	18	(TA26 - TA28 > C19-EVB Roof) - Steel Tower + Bearing + Beam																				
A9690	(TA23 - TA24 > C19-EVB Roof) - Deck construction	18	18-Mar-15	11-Apr-15	0	(TA23 - TA24 > C19-EVB Roof) - Deck construction																				
A9700	(TA24 - TA25 > C19-EVB Roof) - Deck construction	18	18-Mar-15	11-Apr-15	0	(TA24 - TA25 > C19-EVB Roof) - Deck construction																				
A9710	(TA25 - TA26 > C19-EVB Roof) - Deck construction	18	11-Apr-15	04-May-15	0	(TA25 - TA26 > C19-EVB Roof) - Deck construction																				
A9720	(TA26 - TA27 > C19-EVB Roof) - Deck construction	18	11-Apr-15	04-May-15	0	(TA26 - TA27 > C19-EVB Roof) - Deck construction																				
A9740	(TA23 - TA25 > C19-EVB Roof) - Parapet + Lightings + MJ	14	11-Apr-15	28-Apr-15	18	(TA23 - TA25 > C19-EVB Roof) - Parapet + Lightings + MJ																				
A9780	(TA2 > C15) - Stitching to Existing Bridge	14	11-Mar-15	26-Mar-15	43	(TA2 > C15) - Stitching to Existing Bridge																				

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Contract HY/2009/19

Three Months Rolling Programme (20 Jan to 19 Apr 2015)

Activity ID	Activity Name	Remaining Duration	Start	Finish	Total Float	2015																			
						January				February				March				April				May			
						04	11	18	25	01	08	15	22	01	08	15	22	29	05	12	19	26	03		
10.5.2 - Temporary Bridge 'TB'																									
A10240	TB > Beams Pier 16 -17	2	20-Jan-15	21-Jan-15	10																				
A10250	TB > (Pier 16 -17) - Install Bondeck & Shear Stub	6	22-Jan-15	28-Jan-15	10																				
A10260	TB > (Pier 16 -17) - Rebar Fixing for Bridge deck + Fixing Holding Down Bolt	10	29-Jan-15	09-Feb-15	10																				
A10270	TB > (Pier 16 -17) - Concreting	1	10-Feb-15	10-Feb-15	10																				
A10280	TB > (Pier 16-17) - Stitching	6	11-Feb-15	17-Feb-15	10																				
A10290	TB > (Pier TB1-16) - L3 Railing Installation	5	23-Feb-15	27-Feb-15	10																				
A10300	Bridge E (Pier 16) - MJ	8	02-Mar-15	10-Mar-15	9																				
A2461	TB > Erection of TB I - Beams TB1-16	0	29-Dec-14 A	30-Dec-14 A																					
A2470	TB > (Pier TB1-16) - Install Bondeck & Shear Stub	0	06-Jan-15 A	12-Jan-15 A																					
A2471	TB > (Pier TB1-16) - Rebar Fixing for Bridge deck + Fixing Holding Down Bolt	0	13-Jan-15 A	23-Jan-15	39																				
A2472	TB > (Pier TB1-16) - Concreting	1	23-Jan-15	24-Jan-15	39																				
A2473	TB > (Pier TB1-16) - Stitching	7	24-Jan-15	02-Feb-15	39																				
A2480	TB > (Pier TB1-16) - L3 Railing Installation	5	02-Feb-15	07-Feb-15	39																				
10.5.3 - Temporary Bridge 'TD'																									
1053-1166	Bridge TD - MJ at Pier F14	3	20-Jan-15	22-Jan-15	53																				
10.6 - Tunnel Approach Ramp																									
10.6.1 - Approach Ramp (Excluding Portion IIB)																									
Bored Piles																									
1061-1012	Pre-drilling Approach Ramp Piles Remaining (70 nos) (excl IIB & VD)	46	18-Oct-13 A	17-Mar-15	544																				
1061-1030	Founding Level Approach Ramp Piles Remaining (excl IIB & VD)	69	08-Jan-14 A	16-Apr-15	521																				
1061-1053	Remaining Bored Piles & Pre-Bored H-Pile Testing	60	18-Apr-15	29-Jun-15	668																				
1061-2031	Bored Pile Ramp - BN28	0	15-Dec-14 A	23-Dec-14 A																					
A5851	Bored Pile Ramp - BN25	15	27-Feb-15	16-Mar-15	25																				
A5851.1	Bored Pile Ramp - BN26	15	29-Dec-14 A	05-Feb-15	25																				
A5852	Bored Pile Ramp - BN25a	15	06-Feb-15	26-Feb-15	25																				
A5854	Bored Pile Ramp - BN23	18	23-Dec-14 A	09-Feb-15	22																				
A5855	Bored Pile Ramp - BN28	14	15-Dec-14 A	04-Feb-15	26																				
A5856	Bored Pile Ramp > LHR- BN32	14	05-Feb-15	24-Feb-15	90																				
A5857	Bored Pile Ramp > LHR - BN34	14	05-Feb-15	24-Feb-15	104																				
A5859.2	Bored Pile Ramp - BN19	15	10-Apr-15	27-Apr-15	22																				
A5859.21	Bored Pile Ramp - BN20	15	20-Mar-15	09-Apr-15	22																				
A5859.22	Bored Pile Ramp - BN21	15	03-Mar-15	19-Mar-15	22																				
A5859.23	Bored Pile Ramp - BN22	15	10-Feb-15	02-Mar-15	22																				
A5859.24	Bored Pile Ramp - BS21	15	07-Apr-15	23-Apr-15	25																				
A5859.25	Bored Pile Ramp - BS22	15	17-Mar-15	02-Apr-15	25																				
A5859.32	Bored Pile Ramp > LHR - BN14	14	25-Feb-15	12-Mar-15	90																				
A5859.33	Bored Pile Ramp > LHR - BN15	14	25-Feb-15	12-Mar-15	104																				
A5859.34	Bored Pile Ramp > LHR - BN16	14	13-Mar-15	28-Mar-15	90																				

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Three Months Rolling Programme (20 Jan to 19 Apr 2015)

Activity ID	Activity Name	Original Duration	Start	Finish	2015			
					Jan	Feb	Mar	Apr
DWP-06 - Update Progress As of 20 Jan 15								
Works in TS3								
TS3 East & West Reclamation Works								
TS3W - Reclamation Works (new scheme)								
TS3W.MW.2110	TS3W - General Fill Area 2 (3 Barges)	40	20-Dec-14 A	27-Feb-15	TS3W - General Fill Area 2 (3 Barges)			
TS3W.MW.2120	TS3W - General Fill Area 3 (1 Barges)	22	19-Apr-15	10-May-15	TS3W - General Fill Area 3 (1 Barges)			
TS3W - North								
TS3W.MW.2010A	TS3W North - Phase 2 Dredging	28	07-Jan-15 A	05-Feb-15	TS3W North - Phase 2 Dredging			
TS3W.MW.2010B	TS3W North - HIS of Dredging	2	06-Feb-15	07-Feb-15	TS3W North - HIS of Dredging			
TS3W.MW.2010C	Inspection of Founding	4	08-Feb-15	11-Feb-15	Inspection of Founding			
TS3W.MW.2040	TS3W North - Rockfill	21	12-Feb-15	04-Mar-15	TS3W North - Rockfill			
TS3W.MW.2040A	TS3W North - Levelling	4	05-Mar-15	08-Mar-15	TS3W North - Levelling			
TS3W.MW.2050	TS3W North - Phase 1 Seawall Block Installation	28	09-Mar-15	05-Apr-15	TS3W North - Phase 1 Seawall Block Installation			
TS3W.MW.2060	TS3W North - Phase 2 Seawall Block Installation	13	06-Apr-15	18-Apr-15	TS3W North - Phase 2 Seawall Block Installation			
TS3W - South								
TS3W.MW.2080	TS3W South - Rockfill	14	24-Dec-14 A	25-Jan-15 A	TS3W South - Rockfill			
TS3W.MW.2080A	TS3W South - Levelling	3	31-Dec-14 A	22-Jan-15	TS3W South - Levelling			
TS3W.MW.2090	TS3W South - Seawall Block Installation	16	23-Jan-15	07-Feb-15	TS3W South - Seawall Block Installation			
Works for Box Culvert Q & Water Intake								
Box Culvert Q								
Box Culvert Q Outfall Diversion								
TS3_1145.50	Construct Temporary Vertical Seawall (Stone Block) behind Sheet Pile Wall and continue with reclamation works	12	20-Jan-15	02-Feb-15	Construct Temporary Vertical Seawall (Stone Block) behind Sheet Pile Wall and continue with reclamation works			
Works in TS3-East								
Diaphragm Wall								
TS3-East Pre-D/wall Works								
TS3E_2510	Bentonite silo & plant establishment	40	12-Nov-14 A	21-Jan-15 A	Bentonite silo & plant establishment			
TS3E_2520A	Pre-Drilling / Ground Investigation (SI) - Stage 2	27	28-Nov-14 A	21-Jan-15	Pre-Drilling / Ground Investigation (SI) - Stage 2			
TS3E_2530	Curtain grout/soil pre-treatment/slurry wall	49	10-Dec-14 A	23-Jan-15	Curtain grout/soil pre-treatment/slurry wall			
TS3E_2540	Guidewall construction	51	20-Dec-14 A	09-Feb-15	Guidewall construction			
TS3-East Diaphragm Construction								
TS3E_3110	Diaphragm wall construction Phase 1 (16/50 panels @ proposed bulkhead)	37	24-Dec-14 A	23-Feb-15	Diaphragm wall construction Phase 1 (16/50 panels @ proposed bulkhead)			
TS3E_3120	Diaphragm wall construction Phase 2 (34/50 panels @ proposed bulkhead)	80	23-Feb-15	14-May-15	Diaphragm wall construction Phase 2 (34/50 panels @ proposed bulkhead)			
Works in SR8 (Open Cut Method)								
SR8 - Cofferdam & Cut & Cover Tunnel Works								

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

Activity ID	Activity Name	Original Duration	Start	Finish	2015			
					Jan	Feb	Mar	Apr
SR8 East Bound - (Seaside to Victoria Road / IEC Central Divider)								
TTA Stage 1 - East Bound								
Stage 2 - East Bound (Ref. DRG. No.CDD/SR8/083)								
SR8.EB.1340	Stage 2 - Sheet Pile Work	18	01-Nov-14 A	29-Jan-15	Stage 2 - Sheet Pile Work			
SR8.EB.1370	Install King Post for Traffic Deck	16	15-Jan-15 A	23-Jan-15 A	Install King Post for Traffic Deck			
SR8.EB.1380	Demolish part of the Wing Wall of Abutment M	14	20-Jan-15	04-Feb-15	Demolish part of the Wing Wall of Abutment M			
SR8.EB.1360	Stage 2 - TAM Grout	18	30-Jan-15	23-Feb-15	Stage 2 - TAM Grout			
SR8.EB.1530	Construct IEC East Bound Up Ramp	60	05-Feb-15	23-Apr-15	Construct IEC East Bound Up Ramp			
SR8.EB.1400	Ground Treatment - Jet Grout	21	24-Feb-15	19-Mar-15	Ground Treatment - Jet Grout			
SR8.EB.1390	Construct Traffic Deck	35	09-Mar-15	23-Apr-15	Construct Traffic Deck			
SR8.EB.1385	Install Dewatering Wells and Observation Wells & Pump Test	14	19-Mar-15	09-Apr-15	Install Dewatering Wells			
SR8 West Bound - Ch. 459.000 to 385.000 (Victoria Road / IEC Central Divider)								
TTA Stage 1 - West Bound								
Stage 2B - West Bound (Ref. DRG. No.CDD/SR8/086)								
SR8.WB.2120	Construct Temporary IEC West Bound Down Ramp	57	21-Dec-14 A	02-Feb-15	Construct Temporary IEC West Bound Down Ramp			
SR8.WB.2110	Construct Temporary Traffic Deck	26	29-Dec-14 A	02-Feb-15	Construct Temporary Traffic Deck			
SR8.WB.2100	Demolish Part (WB) Wing Wall of Abutment M	2	06-Jan-15 A	24-Jan-15 A	Demolish Part (WB) Wing Wall of Abutment M			
SR8.WB.2150	Asphalt Laying + Temporary Street Furniture	3	03-Feb-15	05-Feb-15	Asphalt Laying + Temporary Street Furniture			
TTA Stage 2 - West Bound								
Stage 3 - West Bound (Ref. DRG. No.CDD/SR8/087)								
SR8.WB.3010	Implement TTA Stage 2 - Traffic Diversion at West Bound	0	08-Feb-15		Implement TTA Stage 2 - Traffic Diversion at West Bound			
SR8.WB.3015	Excavate and expose U/G Utilites (HEC Fiber Optic)	12	09-Feb-15	25-Feb-15	Excavate and expose U/G Utilites (HEC Fiber Optic)			
SR8.WB.3020	Shift / Divert HEC Cable (Fibre Optic) during Construction of Sheet Pile and Pipe Pile Works	12	26-Feb-15	11-Mar-15	Shift / Divert HEC Cable (Fibre Optic) during Construction			
SR8.WB.3030	Carry out Stage 3 Sheet Pile works	27	26-Feb-15	28-Mar-15	Carry out Stage 3 Sheet Pile works			
SR8.WB.3040	Carry out Stage 3 Pipe Piling Works	45	30-Mar-15	27-May-15	Carry out Stage 3 Pipe Piling Works			
SR8 Ch.385.000 to Ch.317.500 - (Inside Victoria Park to Tunnel Portal)								
SR8 Tunnel - ELS / CCT / BF Works (7 Bays Ch. 385.000 to Ch.317.500)								
ELS								
SR8.VP.5020	ELS Layer 1 - Soft Excavation + Strut Installation	24	24-Dec-14 A	26-Jan-15	ELS Layer 1 - Soft Excavation + Strut Installation			
SR8.VP.5070	ELS Layer 2 - Soft Excavation + Strut Installation	24	27-Jan-15	26-Feb-15	ELS Layer 2 - Soft Excavation + Strut Installation			
SR8.VP.5070A	ELS Layer 3 - Soft Excavation + Strut Installation	8	27-Feb-15	07-Mar-15	ELS Layer 3 - Soft Excavation + Strut Installation			
SR8.VP.5080	Soft Excavation down to Formation Level	16	09-Mar-15	26-Mar-15	Soft Excavation down to Formation Level			
Portal Structure								
Blinding + Waterproofing								
SR8.VP.5030	Blinding for Bay 1 to Bay 7	7	26-Mar-15	08-Apr-15	Blinding for Bay 1 to Bay 7			

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20-Jan-15	Updated to 20th January 2015	DML/WC	

Activity ID	Activity Name	Original Duration	Start	Finish	2015			
					Jan	Feb	Mar	Apr
SR8.VP.5090	Waterproofing for Bay 1 to Bay 7	7	09-Apr-15	16-Apr-15				Waterproofing
Base Slab + Drainage								
SR8.VP.5100	Base Slab - Bay 1	8	17-Apr-15	25-Apr-15				
Pump Sump E								
SR8.VP.5360	Base Slab	8	17-Apr-15	25-Apr-15				
SR8 Ch 317.500 to Ch 210.000 - U-Structure & Slab (Victoria Park)								
Excavation and Lateral Support								
SR8_2230	ELS - Excavation to formation level + Lateral Support	96	13-Jun-14 A	05-Mar-15				ELS - Excavation to formation level + Lateral Support
RC CCT & Backfill Ch317.5000 to Ch240.000								
Structure								
Base Slab								
SR8_1800	SR8 U-structure Base slab + Drainage (U8A1 - U8A2)	24	18-Nov-14 A	20-Jan-15 A				SR8 U-structure Base slab + Drainage (U8A1 - U8A2)
SR8_1810	SR8 U-structure Base slab + Drainage (U8A3 - U8A6)	48	26-Nov-14 A	02-Apr-15				SR8 U-structure Base slab + Drainage (U8A3 - U8A6)
SR8_1801	Remove SL1 - (U8A1 - U8A2)	14	05-Mar-15	21-Mar-15				Remove SL1 - (U8A1 - U8A2)
SR8_1812	SR8 U-structure Base slab + Drainage (U8A7 - U8A8)	24	02-Apr-15	06-May-15				SR8 U-structure Base slab + Drainage (U8A7 - U8A8)
SR8_1811	Remove SL2 - (U8A3 - U8A6)	28	02-Apr-15	11-May-15				Remove SL2 - (U8A3 - U8A6)
SR8 Structural Slab Ch.240.000 to Ch.210.000								
SR8_2080	Cast Structural Slab Ch.240.000 to Ch.210.000 - 3 bays	48	30-Oct-14 A	04-Feb-15				Cast Structural Slab Ch.240.000 to Ch.210.000 - 3 bays
Tsing Fung St - RW & Subway Extension & Toe Wall at Hing Fat St								
Ret. Wall & TF Subway Extension (Portion V)								
Retaining Wall RW8C at Tsing Fung Street (Portion V)								
VP_1290	TFS New Ret. Wall - wall stem + Railing	60	04-Nov-14 A	12-Feb-15				TFS New Ret. Wall - wall stem + Railing
VP_1370	TFS New Ret. Wall - backfilling & compactionworks	24	13-Feb-15	16-Mar-15				TFS New Ret. Wall - backfilling & compactionworks
VP_1390	Demolish Top Portion of Existing Wall Head and Kerb	18	17-Mar-15	10-Apr-15				Demolish Top Portion of Existing Wall Head and Kerb
VP_1400	Road Formation - Subbase + Kerb + U-shape Channel	48	11-Apr-15	08-Jun-15				Road Formation - Subbase + Kerb + U-shape Channel
Retaining Wall + Toe Wall at Hing Fat Street								
RC Works - Toe Wall								
VP_6152	Construct and divert Temporary Footpath	36	20-Jan-15	05-Mar-15				Construct and divert Temporary Footpath
VP_6160	Site formation and Excavation to formation level	24	06-Mar-15	02-Apr-15				Site formation and Excavation to formation level
VP_6170	Removed existing curb	24	08-Apr-15	06-May-15				Removed existing curb
Works in Victoria Park								
Re-Provisioning Works								
Bowling Green Office								
BGO - Construction Works								
VP_1250.40	Statutory Inspections by Other Authorities (EMSD, WSD, ASD)	30	24-Dec-14 A	23-Jan-15				Statutory Inspections by Other Authorities (EMSD, WSD, ASD)

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Activity ID	Activity Name	Original Duration	Start	Finish	2015			
					Jan	Feb	Mar	Apr
VP_1270	BGO - Completion of KD4 - Works in Section1B	0		23-Jan-15	◆ BGO - Completion of KD4 - Works in Section1B			
Pavilion								
Temp. Works Design								
VP_0210	(01) Temp. Work Design + ICE - submission	24	20-Jan-15	16-Feb-15	■ (01) Temp. Work Design + ICE - submission			
VP_0230	(01) Temp. Work Design - review and approval by AECOM	24	17-Feb-15	19-Mar-15	■ (01) Temp. Work Design - review and approval			
Materials Submission								
VP_6640	Materials submission (Specification and Samples)	24	20-Jan-15	16-Feb-15	■ Materials submission (Specification and Samples)			
VP_6650	Materials - ER review and approval	24	17-Feb-15	19-Mar-15	■ Materials - ER review and approval			
VP_6660	Issue P.O. / Manufacturing / Fabrication	48	20-Mar-15	20-May-15	■			
Shop Drawings								
VP_0195	Shopdrawing submission	24	20-Mar-15	21-Apr-15	■ Shopdrawing submission			
Method Statement								
VP_6680	(01) Method statement - submission	24	20-Mar-15	21-Apr-15	■ (01) Method statement - submission			
Construction Works - BG Pavillion								
VP_1310	PV - Site Possession, Portion VI/VII	0	20-Jan-15		◆ PV - Site Possession, Portion VI/VII			
VP_1340	Demolish existing BGO	24	24-Jan-15	24-Feb-15	■ Demolish existing BGO			
VP_1300	PV - Initial works (Site Clearance, underground utilities etc.)	24	25-Feb-15	24-Mar-15	■ PV - Initial works (Site Clearance, underground utilities etc.)			
Bowling Green								
Design Submissions for Bowling Green Lighting								
VP_0330	Engineer's Review and Approval	24	23-Sep-14 A	20-Jan-15	■ Engineer's Review and Approval			
Procurement								
VP_1010.164	Material submission	14	21-Jan-15	05-Feb-15	■ Material submission			
VP_1010.174	Materials - ER review and approval	24	06-Feb-15	09-Mar-15	■ Materials - ER review and approval			
VP_1010.184	Issue PO / Manufacturing	60	10-Mar-15	23-May-15	■			
Construction Works								
VP_1320	BG - Site Possession, Portion VI, VII	0	20-Jan-15		◆ BG - Site Possession, Portion VI, VII			
VP_1170	Demolish existing CP / BGO / Site Clearance	24	20-Jan-15	16-Feb-15	■ Demolish existing CP / BGO / Site Clearance			
VP_1180	Site Survey / Setting up	12	17-Feb-15	05-Mar-15	■ Site Survey / Setting up			
VP_1710	BG - Install U/G Sewerage System	24	27-Feb-15	26-Mar-15	■ BG - Install U/G Sewerage System			
VP_1720	BG - Install Drainage System	24	13-Mar-15	14-Apr-15	■ BG - Install Drainage System			
VP_1730	BG - Install Irrigation System	24	27-Mar-15	28-Apr-15	■			
Mooring Components Upkeep (CBTS and ATS)								
MAR_2000	Mooring Upkeep at Portion XIX(19) & XX(20) - ATS (if instructed by Engineer)	1399	21-Mar-13 A	17-Jan-17	■			
MAR_1000	Mooring Upkeep at Portion III (3) - CBTS	574	15-May-14 A	09-Dec-15	■			
MAR_3020	Mooring Upkeep at Portion X(10) & XVI(16) - CBTS	979	15-May-14 A	17-Jan-17	■			

■ Actual Work
■ Remaining Work
■ Critical Remaining Work
◆ Milestone

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

Activity ID	Activity Name	Original Duration	Start	Finish	2015																		
					Jan			Feb			Mar			Apr									
					Works for Public Works Regional Laboratory (North Lantau)																		
Maintenance and Upkeep of New PWRL (Portion XVII)																							
PWRL_1050	Maintenance/ Upkeep of New PWRL	1301	19-Jul-13 A	21-Nov-17																			

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

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