



Lam Geotechnics Limited

Contract No. HK/2011/07
Wan Chai Development Phase II and Central Wanchai Bypass
- Sampling, Field Measurement and Testing Works (Stage 2)
Monthly EM&A Report (Nov 2012)

CONTRACT NO: HK/2011/07

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

**ENVIRONMENTAL PERMIT NO. EP-364/2009/B,
FURTHER ENVIRONMENTAL PERMIT NOS. FEP-01/364/2009,
FEP-02/364/2009, FEP-03/364/2009, FEP-05/364/2009/A, FEP-
06/364/2009/A, FEP-07/364/2009/A AND FEP-08/364/2009/A**

MONTHLY ENVIRONMENTAL MONITORING & AUDIT REPORT

- NOVEMBER 2012 -

CLIENTS:

**Civil Engineering and Development
Department**

and

Highways Department

PREPARED BY:

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CERTIFIED BY:

Raymond Dai
Environmental Team Leader

DATE:

12 December 2012

Ref.: AACWBIECEM00_0_3461L.12

12 December 2012

By Post and Fax (2691 2649)

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

Attention: Mr. Kelvin CHENG

Dear Sir,

**Re: Wan Chai Development Phase II and Central-Wan Chai Bypass
Monthly Environmental Monitoring and Audit Report (November 2012)
for EP-364/2009/B, FEP-01/364/2009, FEP-02/364/2009, FEP-03/364/2009,
FEP-05/364/2009/A, FEP-06/364/2009/A, FEP-07/364/2009/A and FEP-
08/364/2009/A**

Reference is made to the Environmental Team's submission of the captioned Monthly Environmental Monitoring and Audit (EM&A) Report for November 2012 dated 12 December 2012.

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

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

Yours sincerely,



David Yeung
Independent Environmental Checker

c.c.	HyD	Mr. Jones Lai	by fax: 2714 5289
	CEDD	Mr. Patrick Keung	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 – Nov 2012 specific for Environmental Permit no. EP-364/2009/B, Further Environmental Permit nos. FEP-01/364/2009, FEP-02-364/2009, FEP-03-364/2009, FEP-05/364/2009/A, FEP-06/364/2009/A, FEP-07/364/2009/A and FEP-08/364/2009/A. 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 October to November 2012. 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/2009/17 - Central - Wan Chai Bypass (CWB) at FEHD Whitfield Depot - Advanced piling works under FEP-03/364/2009

- Construction of Pile Cap E3B.

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
- Hoarding erection and modification
- Installation of couplers, UU detection, trial trench, pre-drilling
- Excavation
- Sheet Piling
- Drainage works
- Tunnel works
- Trough structure construction and associated drilling and grouting
- Road works
- OHVD installation
- Pipe-piling works
- Pre-bored H-piling
- Bridge 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

- Pumping test for SCL protection works
- Backfilling works on top of SCL protection works

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

- Steel frame installation at box culvert N1 of Bay 1 to Bay 3
- Steel fixing the base slab at box culvert N1 of Bay 4
- Concreting the slab between G.L.3-10/C-E on Mezzanine Level (+11.15mPD)
- Caisson seawall precast unit 2X in-situ work on flat-top barge
- Trimming of pile head and blinding laying construction at WCR1 of tunnel portion 1
- Ground improvement of western sheetpile seawall at WCR2 Diaphragm wall of panel P106, C107, P108, C109, P110 & P116 and Panel P114.
- Trial excavation, Footpath Set back, UU Diversion and preparation works for Hung Hing Road Diversion Stage 1

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

- Excavation and Lateral Support works at TS4
- Rock breaking works at TPCWAE
- Tunnel works at TS1
- Bored piling at eastern breakwater
- Horizontal drilling for mined tunnel
- Pipe roofing installation

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

- Road works at Watson Road
- Bored piling (Land)
- Pre-drilling works for bored pile and Diaphragm wall
- D-wall Construction (North & South Section)
- Guide wall construction for D-wall / Barrette at North side
- Construction works for Box Culvert T1
- Marine Piling
- Construction of socket-H pile
- Construction works for Culvert U1
- Construction of 1500 ϕ drainage pipe
- Construction of Pile cap & column (Land)
- Dismantling of marine platform
- Cut & Cover Tunnel sheet piling works

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

- Construction of Pre-cast Unit in China

Noise Monitoring

- iii. Noise monitoring during daytime was conducted at M1a - Harbour Road Sports Center; M2b - Noon-day gun area; M3a - Tung Lo Wan Fire Station; M4b - Victoria Center; M5b - City Garden, M6 - HK Baptist Church Henrietta Secondary School, M7e and M7w - International Finance Centre Eastern and Western End of Podium, and M8 - City Hall on a weekly basis.
- iv. No action and 2 limit level exceedances at M6 - HK Baptist Church Henrietta Secondary School were recorded on 1 and 6 November 2012 in this reporting month.
- v. 24-hour real time noise monitoring was conducted at RTN1 - FEHD Hong Kong Transport Section Whitefield Depot for the piling works at FEHD Whitfield Depot. No action or limit level exceedance was recorded in the reporting month.
- vi. 24-hour real time noise monitoring was conducted at RTN2a - Hong Kong Electric Centre. No action or limit level exceedance was recorded in the reporting month.
- vii. As confirmed by CWB RSS, the IECL parapet removal operations will commence in March 2013. 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.
- viii. 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 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.
- ix. 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.
- x. Real-time Noise Monitoring at RTN3- Po Leung Kuk Yu Lee Mo Fan Memorial School was commenced since 06 Oct 2012.

Air Monitoring

- xi. 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.
- xii. Due to lack of electricity supply, the 24-hr TSP monitoring at the following stations were rescheduled
MA1e: from 27 October 2012 to 29 October 2012
MA1w: from 27 October 2012 to 29 October 2012
CMA2a: from 8 and 14 November 2012 to 9 and 15 November 2012
CMA5a: from 8 November 2012 to 9 November 2012
- xiii. 1-hour and 24-hour Total Suspended Particulates (TSP) monitoring were conducted at CMA1b - Oil Street Community Liaison Centre; CMA2a - Causeway Bay Community Center; CMA3a - CWB PRE Site Office Area; CMA4a - Society for the Prevention of Cruelty to Animals; CMA5a - Children Garden opposite to Pedestrian Plaza; MA1e and MA1w -

International Finance Centre eastern and western wing on every six days basis. No action and limit level exceedance was recorded in the reporting period.

Complaints, Notifications of Summons and Successful Prosecutions

- xiv. There was no environmental complaint received in this reporting month.

Site Inspections and Audit

- xv. The Environmental Team (ET) conducted weekly site inspections for Contract no. HY/2009/15, HY/2009/17, HY/2009/18, HY/2009/19, HK/2009/01, HK/2009/02 and HK/2010/06 in this reporting period. The Contractors rectified major observations and recommendations made during the audit sessions. No non-conformance was identified during the site inspections.

Future Key Issues

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

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

- No further work under designated project¹

¹Remarks: Tentative hand-over of project area from contract no.HY/200917 to contract no.HY/2009/19 on 30 November 2012

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
- Hoarding erection and modification
- Installation of couplers, UU detection, trial trench, pre-drilling
- Excavation
- Sheet Piling
- Drainage works
- Tunnel works
- Trough structure construction and associated drilling and grouting
- Road works
- OHVD installation
- Pipe-piling works
- Cooling main bridge construction
- Pre-bored H-piling
- Bridge 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

- Installation of pre-bored H-pile in CWB stage 2 (from Ch120 to Ch190)

- Backfilling works at SCL section
- Advance works for jet grouting to HKCEC new extension foundation at northern side of new reclaimed area
- Plant mobilization for CWB diaphragm wall construction work

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

- Trimming of bored pile head, blinding and waterproofing for the base slab construction at tunnel portion 1.
- Base slab concreting at Tunnel Portion 1
- Diaphragm wall construction for Panel C111, C113, C115, BHP7 and BHP5.
- Bulkhead at Bay 14 of Box Culvert “O” and stage 2 diversion of uncharted drainage works at Box culvert “O”.
- Trial excavation, footpath set back, UU diversion, tree transplantation, reprovision of street furniture and preparation works for Hung Hing Road Diversion Stage 1.
- Caisson seawall precast unit 2X in-situ work on flat-top barge.

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

- ELS works at TS4
- Rock breaking works at TPCWAE
- Tunnel works at TS1
- Bored piling at eastern breakwater
- Horizontal drilling for mined tunnel
- Pipe roofing installation

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

- Road works at Watson Road
- Bored piling (Land)
- Pre-drilling works for bored pile and Diaphragm wall
- D-wall Construction (North & South Section)
- Guide wall construction for D-wall / Barrette at North side
- Construction works for Box Culvert T1
- Marine Piling
- Construction of socket-H pile
- Construction works for Culvert U1
- Construction of 1500 ϕ drainage pipe
- Construction of Pile caps & columns (Land)
- Dismantling of marine platform
- Demolition of parapet at IEC Link
- Construction of Pile caps & columns (Marine)
- Cut & Cover Tunnel sheet piling works



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

- Construction of Pre-cast Unit in China

1 INTRODUCTION

1.1 Scope of the Report

- 1.1.1. Lam Geotechnics Limited (LGL) has been appointed to work as the Environmental Team (ET) under Environmental Permit no. EP-364/2009/B and Further Environmental permit nos. FEP-01/364/2009, FEP-02/364/2009, FEP-03/364/2009, FEP-05/364/2009/A, FEP-06/364/2009/A, FEP-07/364/2009/A and FEP-08/364/2009/A 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-03/364/2009, FEP-05/364/2009/A, FEP-06/364/2009/A, FEP-07/364/2009/A and FEP-08/364/2009/A during the period Sep to Oct 2012. The cut-off date of reporting is at 27th of each reporting month

1.2 Structure of the Report

- Section 1** ***Introduction*** – details the scope and structure of the report.
- Section 2** ***Project Background*** – summarizes background and scope of the project, site description, project organization and contact details of key personnel during the reporting period.
- Section 3** ***Status of Regulatory Compliance*** – summarizes the status of valid Environmental Permits / Licenses during the reporting period.
- Section 4** ***Monitoring Requirements*** – summarizes all monitoring parameters, monitoring methodology and equipment, monitoring locations, monitoring frequency, criteria and respective event and action plan and monitoring programmes.
- Section 5** ***Monitoring Results*** – summarizes the monitoring results obtained in the reporting period.
- Section 6** ***Compliance Audit*** – summarizes the auditing of monitoring results, all exceedances environmental parameters.

-
- Section 7** ***Cumulative Construction Impact due to the Concurrent Projects*** – summarizes the relevant cumulative construction impact due to the concurrent activities of the concurrent Projects.
- Section 8** ***Site Inspection*** – summarizes the findings of weekly site inspections undertaken within the reporting period, with a review of any relevant follow-up actions within the reporting period.
- Section 9** ***Complaints, Notification of summons and Prosecution*** – summarizes the cumulative statistics on complaints, notification of summons and prosecution
- Section 10** ***Conclusion***

2 PROJECT BACKGROUND

2.1 Background

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

2.2 Scope of the Project and Site Description

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

2.2.3. The project also contains various Schedule 2 DPs that, under the EIAO, require Environmental Permits (EPs) to be granted by the DEP before they may be either constructed or operated. **Table 2.1** summarises the five individual DPs under this Project. **Figure 2.1** shows the locations of these Schedule 2 DPs.

Table 2.1 Schedule 2 Designated Projects under this Project

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

2.3 Division of the Project Responsibility

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

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

Table 2.2 Details of Individual Contracts under the Project

Contract No.	Contract Title	Associated DP(s)	Construction Commencement Date
HY/2009/17	Central – Wan Chai Bypass (CWB) at FEHD Whitfield Depot – Advanced piling works.	DP1	5 October 2010
HY/2009/18	Central – Wan Chai Bypass (CWB) – Central Interchange	DP1	21 April 2011
04/HY/2006	Reconstruction of Bus Terminus near Man Yiu Street and Man Kwong Street	DP1	September 2010 (Completed)
HK/2009/01	Wan Chai Development Phase II – Central – Wan Chai Bypass at Hong Kong Convention and Exhibition Centre – Tunnel Works	DP1, DP2	25 August 2011
HK/2009/02	Wan Chai Development Phase II –	DP1	26 April 2011

Contract No.	Contract Title	Associated DP(s)	Construction Commencement Date
	Central – Wan Chai Bypass at Wan Chai East(CWB Tunnel)		
HY/2009/15	Central-Wanchai Bypass – Tunnel (Causeway Bay Typhoon Shelter Section)	DP1	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

2.4 Project Organization and Contact Personnel

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

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

Table 2.3 Contact Details of Key Personnel

Party	Role	Post	Name	Contact No.	Contact Fax
AECOM	Engineer's Representative for WDII	Principal Resident Engineer	Mr. Frankie Fan	2587 1778	2587 1877
	Engineer's Representative for CWB	Principal Resident Engineer	Mr. Peter Poon	3922 3388	3912 3010
Lam Woo & CO., LTD.	Contractor under Contract no. HY/2009/17	General Manager	Mr. Thomas Tang	6111 5351	2566 7522
		Contractor's Representative	Mr. Chung Man Shek	2566 4866	
		Site Agent	Mr. Tong Au	9725 5874	
		Environmental Officer	Dr. Priscilla Choy	9161 7287	
		Environmental Supervisor	Mr. Tam Chun Pong	6461 3062	
Chun Wo – Leader Joint Venture	Contractor under Contract no. HK/2009/01	Joint Venture Board Representative	Mr. PL Yue	2162 9909	2634 1626
		Site Agent	Mr. Paul Yu	9456 9819	
		Construction Manager	Mr. Terry Wong	9757 9846	

Party	Role	Post	Name	Contact No.	Contact Fax
		Deputy Site Agent	Mr. Andy Yu	9648 4896	
		Construction Manager	Mr. Wyman Wong	9627 2467	
		Construction Manager	Mr. Jack Chu	9775 2467	
		Environmental Officer (Compliance Manager)	Mr. Andy Mak	9103 2370	
Chun Wo – CRGL Joint Venture	Contractor under Contract no. HK/2009/02	Site Agent	Mr. Chan Sing Cho	3658-3002	2827 9996
		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. Rayland Lee	3758 8879	2570 8013
		Site Agent	Mr. Cheung Kit Cheung	6909 1555	
		Environmental Manager / Environmental Officer	Mr. M.H. Isa	9884 0810	
		Environmental Engineer	Calvin Leung	9286 9208	
		Construction Manager (Marine)	William Luk	9610 1101	
		Construction Manager (Land)	Patrick Cheung	9643 3012	
		Construction Manager (Land)	Eric Fong	6191 9337	
		Operation Manager (Land)	Yung Kwok Wah	9834 1010	
Leighton Contractors (Asia) Limited	Contractor under Contract no. HY/2009/18	Site Agent	Mr. Brian Gillon	2214 7700	2140 6799
		Deputy Site Agent	Mr. Roger Wong	2214 7703	
		Environmental Officer	Mr. Anfernee Chow	2214 7721	
		Environmental Engineer Graduate	Phil Mak	2214 7738	
		Environmental Supervisor	K. P. Lai	6461 4660	
		Environmental Supervisor	Ray Cheng	2214 7742	

Party	Role	Post	Name	Contact No.	Contact Fax
		Environmental Supervisor	K. W. Lee	6461 4623	
		Environmental Supervisor	Ryan Tsui	2214 7705	
		Environmental Supervisor	Bosco Lee	2214 7711	
China State Construction Engineering (HK) Ltd.	Contractor under Contract no. HY/2009/15	Project Director	Chan Wai Hung	2823 7813	2865 5229
		Site Manager	Mr. P.J. Fan	3557 6368	2566 2192
		Contractor's Representative	Mr. David Lau	3557 6358	
		Head of construction	Mr. Roger Cheung	3557 6371	
		Environmental Officer	Mr. Daniel Sin	3557 6215	
Gammon - Leader JV	Contractor under Contract no. HK/2010/06	Project Manager	Mr. Paul Lui	9095 7922	2529 2880
		Site Agent	Mr. Keith Tse	2529 2068	
		Environmental Officer	Mr. Lee Wai Man	9481 6024	
		Environmental Supervisor	Mr. Clement Pang	9735 9200	
ENVIRON Hong Kong Limited	Independent Environmental Checker (IEC)	Independent Environmental Checker (IEC)	Mr. David Yeung	3743 0788	3548 6988
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/2009/17 – Central – Wan Chai Bypass (CWB) at FEHD Whitfield Depot – Advanced piling works under FEP-03/364/2009

- Construction of Pile Cap E3B

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
- Hoarding erection and modification
- Installation of couplers, UU detection, trial trench, pre-drilling
- Excavation
- Sheet Piling
- Drainage works

- Tunnel works
- Trough structure construction and associated drilling and grouting
- Road works
- OHVD installation
- Pipe-piling works
- Pre-bored H-piling
- Bridge 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

- Pumping test for SCL protection works
- Backfilling works on top of SCL protection works

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

- Steel frame installation at box culvert N1 of Bay 1 to Bay 3
- Steel fixing the base slab at box culvert N1 of Bay 4
- Concreting the slab between G.L.3-10/C-E on Mezzanine Level (+11.15mPD)
- Caisson seawall precast unit 2X in-situ work on flat-top barge
- Trimming of pile head and blinding laying construction at WCR1 of tunnel portion 1
- Ground improvement of western sheetpile seawall at WCR2 Diaphragm wall of panel P106, C107, P108, C109, P110 & P116 and Panel P114.
- Trial excavation, Footpath Set back, UU Diversion and preparation works for Hung Hing Road Diversion Stage 1.

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

- Excavation and Lateral Support works at TS4
- Rock breaking works at TPCWAE
- Tunnel works at TS1
- Bored piling at eastern breakwater
- Horizontal drilling for mined tunnel
- Pipe roofing installation

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

- Road works at Watson Road
- Bored piling (Land)
- Pre-drilling works for bored pile and Diaphragm wall
- D-wall Construction (North & South Section)
- Guide wall construction for D-wall / Barrette at North side
- Construction works for Box Culvert T1
- Marine Piling
- Construction of socket-H pile
- Construction works for Culvert U1

- Construction of 1500 ϕ drainage pipe
- Construction of Pile cap & column (Land)
- Dismantling of marine platform
- Cut & Cover Tunnel sheet piling works

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

- Construction of Pre-cast Unit in China

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

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

- No further work under designated project¹

¹Remarks: Tentative hand-over of project area from contract no.HY/200917 to contract no.HY/2009/19 on 30 November 2012

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
- Hoarding erection and modification
- Installation of couplers, UU detection, trial trench, pre-drilling
- Excavation
- Sheet Piling
- Drainage works
- Tunnel works
- Trough structure construction and associated drilling and grouting
- Road works
- OHVD installation
- Pipe-piling works
- Cooling main bridge construction
- Pre-bored H-piling
- Bridge 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

- Installation of pre-bored H-pile in CWB stage 2 (from Ch120 to Ch190)
- Backfilling works at SCL section
- Advance works for jet grouting to HKCEC new extension foundation at northern side of new reclaimed area
- Plant mobilization for CWB diaphragm wall construction work

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

- Trimming of bored pile head, blinding and waterproofing for the base slab construction at tunnel portion 1.
- Base slab concreting at Tunnel Portion 1
- Diaphragm wall construction for Panel C111, C113, C115, BHP7 and BHP5.
- Bulkhead at Bay 14 of Box Culvert “O” and stage 2 diversion of uncharted drainage works at Box culvert “O”.
- Trial excavation, footpath set back, UU diversion, tree transplantation, reprovision of street furniture and preparation works for Hung Hing Road Diversion Stage 1.
- Caisson seawall precast unit 2X in-situ work on flat-top barge.

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

- ELS works at TS4
- Rock breaking works at TPCWAE
- Tunnel works at TS1
- Bored piling at eastern breakwater
- Horizontal drilling for mined tunnel
- Pipe roofing installation

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

- Road works at Watson Road
- Bored piling (Land)
- Pre-drilling works for bored pile and Diaphragm wall
- D-wall Construction (North & South Section)
- Guide wall construction for D-wall / Barrette at North side
- Construction works for Box Culvert T1
- Marine Piling
- Construction of socket-H pile
- Construction works for Culvert U1
- Construction of 1500 ϕ drainage pipe
- Construction of Pile caps & columns (Land)
- Dismantling of marine platform
- Demolition of parapet at IEC Link
- Construction of Pile caps & columns (Marine)
- Cut & Cover Tunnel sheet piling works

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

- Construction of Pre-cast Unit in China

3 STATUS OF REGULATORY COMPLIANCE

3.1 Status of Environmental Licensing and Permitting under the Project

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

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

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

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. Summary of the current status on licences and/or permits on environmental protection pertinent and submission under FEP-03/364/2009 for contract no. HY/2009/17 showed in **Table 3.2** and **Table 3.3**.

Table 3.2 Cumulative Summary of Valid Licences and Permits under Contract no. HY/2009/17

Permits and/or Licences	Reference No.	Issued Date	Valid Period/ Expiry Date	Status
Further Environmental Permit	FEP-03/364/2009	12 Jul 2010	N/A	Valid
Notification of Works Under APCO	319348	13 Jul 2010	N/A	Valid
Discharge Licence	WT00007212-2010	5 Aug 2010	5 Aug 2010 – 31 Aug 2015	Valid
Registration as a Waste Producer	5213-151-L2608-05	13 July 2010	N/A	Valid
Billing Account under Waste Disposal Ordinance	7010400	16 Mar 2010	N/A	Valid

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

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

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

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

Table 3.4 Cumulative Summary of Valid Licences and Permits under Contract no. HK/2009/01

Permits and/or Licences	Reference No.	Issued Date	Valid Period/ Expiry Date	Status
Further Environmental Permit	FEP-02/356/2009	24 Mar 2010	N/A	Valid
	FEP-02/364/2009	21 Apr 2010	N/A	Valid
Notification of Works Under APCO	313088	06 Jan 2010	N/A	Valid
Construction Noise Permit (CNP) for non-piling equipment	GW-RS0460-12	10 May 2012	13 May 2012 to 6 Nov 2012	Expired
	GW-RS0514-12	14 May 2012	27 May 2012 to 26 Nov 2012	Expired
	GW-RS0545-12	24 May 2012	26 May 2012 to 25 Nov 2012	Expired
	GW-RS0546-12	25 May 2012	26 May 2012 to 25 Nov 2012	Expired
	GW-RS0760-12	16 Jul 2012	20 Jul 2012 to 19 Jan 2013	Valid
	GW-RS0806-12	3 Aug 2012	4 Aug 2012 to 03 Feb 2013	Cancelled
	GW-RS0823-12	3 Aug 2012	3 Aug 2012 to 02 Feb 2013	Cancelled
	GW-RS0852-12	16 Aug 2012	16 Aug 2012 to 01 Feb 2013	Cancelled
	GW-RS0855-12	16 Aug 2012	17 Aug 2012 to 9 Feb 2013	Cancelled
	GW-RS0862-12	20 Aug 2012	28 Aug 2012 to 27 Feb 2013	Cancelled
	GW-RS0949-12	12 Sep 2012	16 Sep 2012 to 15 Mar 2013	Cancelled
	GW-RS0994-12	25 Sep 2012	25 Sep 2012 to 19 Nov 2012	Expired
	GW-RS1011-12	26 Sep 2012	30 Sep 2012 to 29 Mar 2013	Cancelled
	GW-RS1017-12	27 Sep 2012	30 Sep 2012 to 24 Mar 2013	Valid
	GW-RS0793-12	21 Sep 2012	30 Sep 2012 to 29 Mar 2013	Valid
	GW-RS1040-12	8 Oct 2012	13 Oct 2012 to 12 Apr 2013	Valid

Permits and/or Licences	Reference No.	Issued Date	Valid Period/ Expiry Date	Status
	GW-RS1177-12	15 Nov 2012	17 Nov 2012 to 10 May 2013	Valid
	GW-RS1184 -12	15 Nov 2012	17 Nov 2012 to 8 May 2013	Valid
	GW-RS1185-12	19 Nov 2012	21 Nov 2012 to 8 May 2013	Valid
	GW-RS1179-12	20 Nov 2012	22 Nov 2012 to 21 May 2013	Valid
	GW-RS1187-12	20 Nov 2012	27 Nov 2012 to 26 May 2013	Valid
	GW-RS1199-12	20 Nov 2012	26 Nov 2012 to 25 May 2013	Valid
Discharge Licence	WT00009641- 2011	24 Jul 2011	31 Jul 2016	Valid
	WT00006220- 2010	18 Mar 2010	31 Mar 2015	Valid
Billing account under Waste Disposal Ordinance	7010069	21 Jan 2010	N/A	Valid
Registration as a Chemical Waste Producer	WPN5213-134- C3585-01	21 Jan 2010	N/A	Valid

Table 3.5 Summary of submission status under FEP-02/364/2009

EP Condition	Submission	Date of Submission
Special Conditions, Clause 2.7 & 2.8	Works Schedule and Location Plan	18 May 2011
Special Conditions, Clause 2.6	Environmental Management Organization Chart	18 May 2011
Special Conditions, Clause 2.6	Commencement Date of Works	20 Jun 2011
Special Conditions, Clause 2.9	Noise Management Plan	10 Jun 2011

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

3.1.6. Summary of the current status on licences and/or permits on environmental protection pertinent and submission under FEP-01/364/2009 for contract no. HK/2009/02 are shown in **Table 3.6** and **Table 3.7**.

Table 3.6 Cumulative Summary of Valid Licences and Permits under Contract no. HK/2009/02

Permits and/or Licences	Reference No.	Issued Date	Valid Period/ Expiry Date	Status
Further Environmental Permit	FEP-03/356/2009	24 Mar 2010	N/A	Valid
	FEP-01/364/2009	24 Mar 2010	N/A	Valid
Notification of Works Under APCO	313962	2 Feb 2010	N/A	Valid
Construction Noise Permit (CNP) for non-piling equipment	GW-RS1038-12	10 Oct 2012	10 Oct 2012 to 9 Apr 2013	Valid
	GW-RS1069-12	17 Oct 2012	19 Oct 2012 to 18 Apr 2013	Valid
	GW-RE0283-12	5 Apr 2012	1 May 2012 to 30 Nov 2012	Valid
	GW-RS0380-12	12 Apr 2012	1 May 2012 to 31 Oct 2012	Valid
	GW-RS0388-12	13 Apr 2012	1 May 2012 to 31 Oct 2012	Valid
	GW-RS0418-12	30 Apr 2012	23 May 2012 to 22 Nov 2012	Valid
	GW-RS0420-12	30 Apr 2012	18 May 2012 to 17 Nov 2012	Cancelled
	GW-RS0423-12	30 Apr 2012	19 May 2012 to 18 Nov 2012	Cancelled
	GW-RS0427-12	30 Apr 2012	23 May 2012 to 22 Nov 2012	Valid
	GW-RS0467-12	10 May 2012	14 May 2012 to 10 Nov 2012	Cancelled
	GW-RS0533-12	21 May 2012	21 May 2012 to 10 Nov 2012	Valid
	GW-RS0550-12	25 May 2012	7 June 2012 to 6 Dec 2012	Valid
	GW-RS0611-12	14 Jun 2012	15 Jun 2012 to 28 Nov 2012	Valid
	GW-RS0633-12	13 Jun 2012	16 Jun 2012 to 14 Dec 2012	Valid
	GW-RS0671-12	25 Jun 2012	17 Jul 2012 to 16 Jan 2013	Valid
	GW-RS0730-12	9 July 2012	10 Jul 2012 to 8 Jan 2013	Valid

Permits and/or Licences	Reference No.	Issued Date	Valid Period/ Expiry Date	Status
	GW-RS0736-12	9 July 2012	9 Jul 2012 to 8 Jan 2013	Valid
	GW-RS0739-12	9 July 2012	1 Aug 2012 to 31 Jan 2013	Valid
	GW-RS0814-12	3 Aug 2012	6 Aug 2012 to 5 Dec 2012	Valid
	GW-RS0850-12	10 Aug 2012	14 Aug 2012 to 13 Feb 2013	Valid
	GW-RS0870-12	21 Aug 2012	16 Sept 2012 to 31 Dec 2012	Valid
	GW-RS0996-12	25 Sept 2012	26 Sept 2012 to 25 Mar 2013	Valid
	GW-RS1084-12	25 Oct 2012	1 Nov 2012 to 30 Apr 2013	Valid
	GW-RS1086-12	25 Oct 2012	28 Oct 2012 to 16 Apr 2013	Valid
	GW-RS1174-12	9 Nov 2012	11 Nov 2012 to 10 May 2013	Valid
	GW-RS1158-12	16 Nov 2012	18 Nov 2012 to 16 May 2013	Valid
	GW-RS1167-12	16 Nov 2012	23 Nov 2012 to 21 May 2013	Valid
Discharge Licence	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 3.7 Summary of submission status under FEP-01/364/2009

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

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

3.1.7. Summary of the current status on licences and/or permits on environmental protection pertinent and submission under FEP-05/364/2009A for contract no. HY/2009/18 are shown in Table 3.8 and Table 3.9.

Table 3.8 Cumulative Summary of Valid Licences and Permits under Contract no. HY/2009/18

Permit / Licence / Notification / Approval	Reference No.	Issued Date	Valid Period/ Expiry Date	Status
Further Environmental Permit	FEP-05/364/2009/A	15 Nov 2010	Permit issued	Valid
Notification of Works Under APCO	322293	07 Oct 2010	Notified	Valid
Construction Noise Permit (CNP) for non-piling equipment	GW-RS0769-12	23 Jul 2012	25 Jul 2012 – 22 Jan 2013	Valid
	GW-RS0833-12	09 Aug 2012	09 Aug 2012 – 02 May 2013	Valid
	GW-RS0925-12	31 Aug 2012	3 Sep 2012 – 02 Mar 2013	Valid
Discharge Licence	WT00012998-2012	25 May 2012	31 Jan 2016	Valid
	WT00012967-2012	17 Sep 2012	30 Sep 2017	Valid
Registration as a Waste Producer	WPN: 8335-121-L1048-04	17 Dec 2010	N/A	Registration completed
Billing Account under Waste Disposal Ordinance (Land)	Account No.: 7011587	11 Oct 2010	Account approved	Valid

Table 3.9 Summary of submission status under FEP-05/364/2009/A

EP Condition	Submission	Date of Submission
Condition 2.9	Noise Management Plan	01 March 2011
Condition 2.10	Landscape Plan (Rev. 5)	12 March 2012

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

3.1.8. Summary of the current status on licences and/or permits on environmental protection pertinent and submission under FEP-06/364/2009/A for contract no. HY/2009/15 are shown in **Table 3.10** and **Table 3.11**

Table 3.10 Cumulative Summary of Valid Licences and Permits under Contract no. HY/2009/15

Permits and/or Licences	Reference No.	Issued Date	Valid Period/ Expiry Date	Status
Further Environmental Permit	FEP-04/356/2009	22 Nov 2010	N/A	Valid
	FEP-06/364/2009/A	22 Nov 2010	N/A	Valid
Notification of Works Under APCO	321822	24 Sep 2010	N/A	Valid
Construction Noise Permit (CNP) for bored pile construction at Eastern Breakwater of CBTS	GW-RS1009-12	03 Oct 2012	03 Oct 2012 to 25 Mar 2013	Valid
Construction Noise Permit (CNP) for non-piling equipment	GW-RS1153-12	15 Nov 2012	15 Nov 2012 to 06 May 2013	Valid
	GW-RS1191-12	26 Nov 2012	26 Nov 2012 to 11 May 2013	Valid
	GW-RS1044-12	09 Oct 2012	10 Oct 2012 to 30 Nov 2012	Valid
	GW-RS0552-12	24 May 2012	25 May 2012 to 20 Oct 2012	Cancelled
	GW-RS0695-12	24 Jun 2011	25 Jun 2012 to 21 Dec 2012	Valid
	GW-RS0700-12	26 Jun 2012	26 Jun 2012 to 25 Dec 2012	Valid
	GW-RS0607-12	12 Jun 2012	13 Jun 2012 to 7 Dec 2012	Valid
	GW-RS0789-12	27 Jul 2012	1 Aug 2012 to 25 Jan 2013	Valid
	GW-RS0924-12	31 Aug 2012	01 Sep 2012 to 28 Feb 2013	Valid
	GW-RS0984-12	21 Sep 2012	23 Sep 2012 to 22 Mar 2013	Valid

Permits and/or Licences	Reference No.	Issued Date	Valid Period/ Expiry Date	Status
Registration as a Chemical Waste Producer	WPN: 5213-147-C1169-35	15 Nov 2010	N/A	Valid
Billing Account under Waste Disposal Ordinance	7011553	30 Sep 2010	27 Sep 2010 to 27 Jan 2016	Valid
Billing Account under Waste Disposal Ordinance (Dumping by Vessel)	7011761	10 Jul 2012	17 Jul 2012 to 16 Oct 2012	Valid
Water Discharge License (Discharge at Hung Hing Road)	WT00008780-2011	24 Nov 2011	24 Nov 2011 to 31 Mar 2016	Valid
Water Discharge License (Discharge at CHT area)	WT00012941-2012	10 May 2012	10 May 2012 to 31 May 2014	Valid
Water Discharge License (Discharge at TPCWAE)	WT00011322-2011	15 Dec 2011	15 Dec 2011 to 31 Dec 2013	Valid
Water Discharge License (Discharge at TS4)	WT00011718-2012	16 Jan 2012	16 Jan 2012 to 31 Jan 2014	Valid

Table 3.11 Summary of submission status under FEP-06/364/2009/A

EP Condition	Submission	Date of Submission
Condition 2.6	Management Organization of Main Construction Companies	11 Mar 2011
	Amendment for Management Organization of Main Construction Companies	16 May 2011
Condition 2.7	Works Schedule	15 Mar 2011
Condition 2.8	Location Plan	15 Mar 2011
Condition 2.23	Noise Management Plan	6 May 2011

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

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

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

Permits and/or Licences	Reference No.	Issued Date	Valid Period/ Expiry Date	Status
Further Environmental Permit	FEP-07/364/2009/A	25 Feb 2011	N/A	Valid
Notification of Works Under APCO	326160	24 Jan 2011	N/A	Valid
Registration as a Waste Producer	7012306	10 Feb 2011	N/A	Valid
Registration as Chemical Waste Producer	5213-151-C3654-01	24 Mar 2011	N/A	Valid
Application for Vessel Disposal	7012306	21 July 2011	N/A	Valid
Construction Noise Permit (CNP)	GW-RS0507-12	22-May-12	24-May-12 to 23-Nov-12	Cancelled
	GW-RS0589-12	18-Jun-12	17-Dec-12	Valid
	GW-RS1065-12	16-Oct-12	20-Oct-12 to 20-Apr-13	Valid
	GW-RS0871-12	27-Aug-12	26-Feb-13	Valid
	GW-RS0885-12	27-Aug-12	26-Feb-13	Valid
	GW-RS0953-12	17-Sep-12	21-Sep-12 to 20-Mar-13	Valid
Water Discharge Licence	WT00010093-2011	31-Aug-11	30-Sep-16	Cancelled
	WT00010093-2011	17-Aug-12	30-Sep-16	Valid
	WT00010865-2011	3-Nov-11	30-Nov-16	Valid

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

EP Condition	Submission	Date of Submission
Condition 2.9	Noise Management Plan	02 Jun 2011
Condition 2.13	Landscape Plan	16 March 2012
Condition 2.9	Noise Management Plan(Rev.2)	28 October 2011

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

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

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

Permits and/or Licences	Reference No.	Issued Date	Valid Period/ Expiry Date	Status
Further Environmental Permit	FEP-08/364/2009/A	15 June 2012	N/A	Valid
Notification of Works Under APCO	326344	18 Jan 2011	N/A	Valid
Construction Noise Permit (CNP)	GW-RS0923-12	31 Aug 2012	15 Oct 2012 – 14 Apr 2013	Valid

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

EP Condition	Submission	Date of Submission
	Acknowledgement letter of FEP-08/364/2009A	14 Aug 2012
Condition 2.9	Noise Management Plan	26 Nov 2012

4 Monitoring Requirements

4.1 Noise Monitoring

NOISE MONITORING STATIONS

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

Table 4.1 Noise Monitoring Stations

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

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

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

REAL TIME NOISE MONITORING STATIONS

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

- 4.1.3. The noise monitoring stations for the Project are listed and shown in **Table 4.2** and **Figure 4.1**. **Appendix 4.1** shows the established Action/Limit Levels for the monitoring works.

Table 4.2 Real Time Noise Monitoring Stations

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

NOISE MONITORING PARAMETERS, FREQUENCY AND DURATION

- 4.1.4. The construction noise level shall be measured in terms of the A-weighted equivalent continuous sound pressure level (L_{eq}). L_{eq} (30 minutes) shall be used as the monitoring parameter for the time period between 0700 and 1900 hours on normal weekdays. For all other time periods, L_{eq} (5 minutes) shall be employed for comparison with the Noise Control Ordinance (NCO) criteria. Supplementary information for data auditing, statistical results such as L_{10} and L_{90} shall also be obtained for reference.
- 4.1.5. Noise monitoring shall be carried out at all the designated monitoring stations. The monitoring frequency shall depend on the scale of the construction activities. The following is an initial guide on the regular monitoring frequency for each station on a weekly basis when noise generating activities are underway:
- One set of measurements between 0700 and 1900 hours on normal weekdays.
- 4.1.6. Real time noise shall be carried out at the designated monitoring stations. The following is an initial guide on the regular monitoring frequency for each station on a 24 hours daily basis when noise generating activities are underway:
- One set of measurements between 0700 and 1900 hours on normal weekdays.
 - One set of measurements between 1900 and 2300 hours on normal weekdays and 0700 and 2300 hours on public holidays.
 - One set of measurements between 2300 and 0700 hours on next day on everyday.
- 4.1.7. If construction works are extended to include works during the hours of 1900 – 0700 as well as public holidays and Sundays, additional weekly impact monitoring shall be carried out during respective restricted hours periods. Applicable permits under NCO shall be obtained by the Contractor.

MONITORING EQUIPMENT

- 4.1.8. As referred to in the Technical Memorandum TM issued under the NCO, sound level meters in compliance with the International Electrotechnical Commission Publications 651: 1979 (Type 1) and 804: 1985 (Type 1) specifications shall be used for carrying out the noise monitoring. Immediately prior to and following each noise measurement the accuracy of the sound level meter shall be checked using an acoustic calibrator generating a known sound pressure level at a known frequency. Measurements may be accepted as valid only if the calibration level from before and after the noise measurement agree to within 1.0 dB.
- 4.1.9. Noise measurements shall not be made in fog, rain, wind with a steady speed exceeding 5 m/s or wind with gusts exceeding 10 m/s. The wind speed shall be checked with a portable wind speed meter capable of measuring the wind speed in m/s.
- 4.1.10. The sound level meter shall be checked using an acoustic calibrator generating a known sound pressure level at a known frequency before deployment to the site and during each site visit. Measurements will be accepted as valid only if the calibration level from before and after the noise measurement agree to within 1.0 dB.

Air Monitoring

AIR QUALITY MONITORING STATIONS

- 4.2.1. The air monitoring stations for the Project are listed and shown in **Table 4.3** and **Figure 4.1**. **Appendix 4.1** shows the established Action/Limit Levels for the monitoring works.

Table 4.3 Air Monitoring Stations

Station ID	Monitoring Location	Description
CMA1b	Oil Street Community Liaison Centre	North Point (Re-commenced on 14 November 2011)
CMA2a	Causeway Bay Community Centre	Causeway Bay
CMA3a	CWB PRE Site Office *	Causeway Bay
CMA4a	Society for the Prevention of Cruelty to Animals	Wan Chai
CMA5a	Children Garden opposite to Pedestrian Plaza	Wan Chai
MA1e	International Finance Centre (Eastern End of Podium)	Central
MA1w	International Finance Centre (western End of Podium)	Central

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

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) under FEP-06/364/2009/A
- Contract no. HY/2009/17 – Central – Wan Chai Bypass (CWB) at FEHD Whitfield Depot – Advanced piling works under FEP-03/364/2009
- Contract no. HY/2009/18 – Central – Wan Chai Bypass (CWB) – Central Interchange under FEP-05/364/2009/A
- Contract no. HY/2009/19 – Central – Wanchai Bypass Tunnel (North Point Section) and Island Eastern Corridor Link under FEP-07/364/2009
- Contract no. HK/2009/01 – Wan Chai Development Phase II – Central – Wan Chai Bypass at Hong Kong Convention and Exhibition Centre
- Contract no. HK/2009/02 – Wan Chai Development Phase II – Central – Wan Chai Bypass at Wan Chai East
- Contract no. HK/2010/06 – Wan Chai Development Phase II – Central – Wan Chai Bypass over MTR Tsuen Wan Line

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 of this reporting month starting from January 2012.

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

5.1.2. The proposed division of noise monitoring stations for Contract no. HY/2009/17 are summarized in **Table 5.1** below:

Table 5.1 Noise Monitoring Stations for Contract no. HY/2009/17

Station	Description
M4b	Victoria Centre

- 5.1.3. No action or limit level exceedance was recorded during daytime period in the reporting month. 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/2009/18 – Central – Wan Chai Bypass (CWB) – Central Interchange under FEP-05/364/2009/A

- 5.1.4. 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 5.2** below:

Table 5.2 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

- 5.1.5. No action or limit level exceedance was recorded during daytime period in the reporting month.
- 5.1.6. 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

- 5.1.7. 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 5.3** below.

Table 5.3 Noise Monitoring Station for Contract no HK/2009/01 and HK/2009/02

Station	Description
M1a	Harbour Road Sports Centre

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

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

- 5.1.9. The commencement of construction works for Contract no. HY/2009/15 under FEP-06/364/2009/A was on 13 July 2011. Noise monitoring was commenced on 13 July 2011. The proposed divisions of noise monitoring stations are summarized in **Table 5.4** below.

Table 5.4 Noise Monitoring Stations for Contract no. HY/2009/15

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

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

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

- 5.1.12. Noise monitoring for the tunnel works under contract no. HY/2009/19 was commenced on 24 April 2011. The proposed division of noise monitoring stations are summarized in **Table 5.5** below.

Table 5.5 Noise Monitoring Stations for Contract no. HY/2009/19

Station	Description
M3a	Tung Lo Wan Fire Station
M4b	Victoria Centre
M5b	City Garden
M6	HK Baptist Church Henrietta Secondary School

- 5.1.13. Two limit level exceedances were recorded on 1 November 2012 and 6 November 2012 at M6 – HK Baptist Church Henrietta Secondary School in the reporting month.
- 5.1.14. Major traffic jam and no major construction work activities were observed during monitoring. As such, the limit level exceedances were concluded as non-project related.
- 5.1.15. 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.**

5.2 Real Time Noise Monitoring Results

- 5.2.1. As confirmed by CWB RSS, the IECL parapet removal operations will commence in October 2012. 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.
- 5.2.2. 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.
- 5.2.3. Real time noise monitoring at RTN3 - Po Leung Kuk Yu Lee Mo Fan Memorial School was commenced since 06 Oct 2012.
- 5.2.4. 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.
- 5.2.5. 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.
- 5.2.6. No construction activity was conducted during night time period (2300 to 0700) in this reporting month.

Contract no. HY/2009/17 –Central – Wan Chai Bypass (CWB) at FEHD Whitfield Depot – Advanced piling works under FEP-03/364/2009 and Contract no. HY/2009/19 – Central – Wanchai Bypass Tunnel (North Point Section) and Island Eastern Corridor Link under FEP-07/364/2009/A

- 5.2.7. The proposed division of noise monitoring stations are summarized in **Table 5.6** below. Real time noise monitoring for the piling works under contract no. HY/2009/17 was commenced on 5 October 2010

Table 5.6 Real Time Noise Monitoring Stations for Contract no. HY/2009/17

Location ID	District	Description
RTN1	Tin Hau	FEHD Hong Kong Transport Section Whitefield Depot

Real time noise monitoring results and graphical presentation during night time period are for information only.

- 5.2.8. No action or limit level exceedance was recorded at RTN1-FEHD Hong Kong Transport Section Whitefield Depot in the reporting month.
- 5.2.9. 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**.

5.2.10. 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 Whitefield Depot
RTN2a	North Point	Electric Centre
RTN3	North Point	Po Leung Kuk Yu Lee Mo Fan Memorial School

* Real time noise monitoring results and graphical presentation during night time period are for information only.

** Real time noise monitoring results and graphical presentation of RTN3 are for reference as the demolition work at the IECL has not commenced.

5.2.11. No action or limit level exceedance was recorded at RTN1-FEHD Hong Kong Transport Section Whitefield Depot in the reporting month.

5.2.12. No action or limit level exceedance was recorded at RTN2a-Electric Centre in the reporting month.

5.2.13. 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

5.3.1 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.

5.3.2 Due to lack of electricity supply, the 24-hr TSP monitoring at the following stations were rescheduled:

MA1e: from 27 October 2012 to 29 October 2012

MA1w: from 27 October 2012 to 29 October 2012

CMA2a: from 8 and 14 November 2012 to 9 and 15 November 2012

CMA5a: from 8 November 2012 to 9 November 2012

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

5.3.3 The proposed division of air monitoring stations are summarized in **Table 5.8** below. Air monitoring for the piling works under contract no. HY/2009/17 was commenced on 8 October 2010.

Table 5.8 Air Monitoring Station for Contract no. HY/2009/17

Station	Description
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CMA1b	Oil Street Community Liaison Centre
CMA2a	Causeway Bay Community Centre

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

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

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

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

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

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

Contract no. 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

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

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

Station	Description
CMA5a	Children Playgrounds opposite to Pedestrian Plaza

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

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

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

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

Station	Description
CMA4a	Society for the Prevention of Cruelty to Animals

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

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

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

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

Station	Description
CMA3a	CWB PRE Site Office

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

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

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

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

Station	Description
CMA1b	Oil St Community Liaison Centre
CMA2a	Causeway Bay Community Centre

- 5.3.14 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. HY/2009/17 – Central – Wan Chai Bypass (CWB) at FEHD Whitfield Depot – Advanced piling works under FEP-03/364/2009

- 5.4.1. No Inert and non-inert C&D wastes were disposed in the reporting month. Details of the waste flow table are summarized in **Table 5.14**

Table 5.14 Details of Waste Disposal for Contract no. HY/2009/17

Waste Type	Quantity this month, m ³	Cumulative Quantity-to-Date, m ³	Disposal / Dumping Grounds
Inert C&D materials disposed	Nil	Nil	CWBP / TKO137
Inert C&D materials recycled	Nil	1354.82	SENT
Non-inert C&D materials disposed	NIL	NIL	N/A
Non-inert C&D materials recycled	NIL	NIL	N/A
Chemical waste disposed	N/A	N/A	N/A

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

- 5.4.2. Inert C&D wastes were recycled and non-inert C&D wastes were disposed of in this reporting month. Details of the waste flow table are summarized in **Table 5.15**.

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

Waste Type	Quantity this month, m ³	Cumulative-to-Date, m ³	Disposal / Dumping Grounds
Inert C&D materials disposed	Nil	22249.345	TKO137, TM38
Inert C&D materials recycled	Nil	5104.5	N/A
Non-inert C&D materials disposed	42.38	1050.6	SENT Landfill
Non-inert C&D materials recycled	Nil	205943	N/A
Chemical waste disposed	200	8350	N/A

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

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

Table 5.16 Details of Waste Disposal for Contract no. HK/2009/02

Waste Type	Quantity this month	Cumulative Quantity-to-Date	Disposal / Dumping Grounds	Remarks
Inert C&D materials disposed, m ³	5677.63	219417.03	TKO137 / TM 38	N/A
Inert C&D materials recycled, m ³	0	18161	n/a	N/A

Waste Type	Quantity this month	Cumulative Quantity-to-Date	Disposal / Dumping Grounds	Remarks
Non-inert C&D materials disposed, m ³	48.37	697.37	SENT Landfill	N/A
Non-inert C&D materials recycled, m ³	N/A	N/A	N/A	N/A
Chemical waste disposed, kg	700	6221	SENT Landfill	N/A

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

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

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

Waste Type*	Quantity this month, (m3)	Cumulative-to-Date, (m3)	Disposal / Dumping Grounds
Inert C&D materials disposed	6655	66368	T.K.O. 137, TM 38
Inert C&D materials recycled	2115	33368	N/A
Non-inert C&D materials disposed	11	754	SENT Landfill
Non-inert C&D materials recycled (tonnes)	Nil	73.21	N/A
Chemical waste disposed (kg)	Nil	3565	N/A

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

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

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

Waste Type	Quantity this month(m ³)	Cumulative Quantity-to-Date(m ³)	Disposal / Dumping Grounds
Inert C&D materials disposed, m ³	3232 189	183366.9 150434.3	Tuen Mun Area 38 TKO137 FB
Inert C&D materials recycled, m ³	70414.7	83194.3	HY/2009/11 ex-PCWA TS4 TS2

Waste Type	Quantity this month(m ³)	Cumulative Quantity-to-Date(m ³)	Disposal / Dumping Grounds
Non-inert C&D materials disposed, m ³	14.8	561.7	SENT Landfill
Non-inert C&D materials recycled, m ³	160	542,591.5 kg	Xun Xiang Metalware Skylight Recycle (paper)
Chemical waste disposed, kg	1000	12,036	Dunwell Group

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

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

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

Waste Type*	Quantity this month, m ³	Cumulative-to-Date, m ³	Disposal / Dumping Grounds
Inert C&D materials disposed	17872.18	205384.78	N/A
Inert C&D materials recycled	195	3124.91	N/A
Non-inert C&D materials disposed	39.32	635.78	SENT Landfill
Non-inert C&D materials recycled	6.58	154.03	N/A
Chemical waste disposed	0	4.42	N/A

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

5.4.7. 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 5.20**.

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

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

6 Compliance Audit

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

6.1 Noise Monitoring

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

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

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

- 6.1.2. 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

- 6.1.3. 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

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

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

- 6.1.5. 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

- 6.1.6. Two limit level exceedances were recorded at M6 – HK Baptist Church Henrietta Secondary School on 1 November 2012 and 6 November 2012 in the reporting month. Investigations found that major traffic noise was contributed in the noise monitoring and exceedances were not related to the Project.

Real Time Noise Monitoring

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

- 6.1.7. No action or limit level 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

- 6.1.8. No action or limit level exceedance was recorded in the reporting month.

6.2 Air Monitoring

- Contract no. HY/2009/17 – Central – Wan Chai Bypass (CWB) at FEHD Whitfield Depot – Advanced piling works under FEP-03/364/2009
- 6.2.1. No exceedance was recorded in the reporting month.
- Contract no. HY/2009/18 – Central – Wan Chai Bypass (CWB) – Central Interchange under FEP-05/364/2009/A
- 6.2.2. 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
- 6.2.3. No exceedance was recorded in the reporting month.
- Contract no. HK/2009/02 – Wan Chai Development Phase II – Central – Wan Chai Bypass at Wan Chai East (CWB Tunnel) under FEP-01/364/2009
- 6.2.4. No exceedance was recorded in the reporting month.
- Contract no. HY/2009/15 – Central-Wanchai Bypass – Tunnel (Causeway Bay Typhoon Shelter Section) FEP-06/364/2009/A
- 6.2.5. No exceedance was recorded in the reporting month.
- Contract no. HY/2009/19 – Central – Wanchai Bypass Tunnel (North Point Section) and Island Eastern Corridor Link under FEP-07/364/2009/A
- 6.2.1. No exceedance was recorded in the reporting month.

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

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

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

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

7 Cumulative Construction Impact due to the Concurrent Projects

- 7.0.1. According to Condition 3.4 of the EP-364/2009/B, this section addresses the relevant cumulative construction impact due to the concurrent activities of the current projects including the Central Reclamation Phase III (CRIII), Wan Chai Development Phase II (WDII), Central-WanChai Bypass (CWB), Island Eastern Corridor Link projects (IECL) and Wan Chai Development Phase II – Central – Wan Chai Bypass at Wan Chai East (CWB Tunnel).
- 7.0.2. According to the Monthly EM&A report (October 2012) of Central Reclamation Phase III (CRIII), filling works, road works, building construction works and pipe works were performed in the November 2012 reporting month. The water quality monitoring was completed in October 2011 and [no Project-related exceedance was recorded for air and noise monitoring](#). It can be concluded that cumulative construction impact due to the concurrent activities of the current projects with the Central Reclamation Phase III (CRIII) was insignificant.
- 7.0.3. According to the construction programme of Wan Chai Development Phase II, Central-Wan Chai Bypass and Island Eastern Corridor Link projects, the major construction activity under Wan Chai Development Phase II was marine works at HKCEC areas, cross-harbour Watermains, Fresh Watermains, Cooling Watermains and Salt Watermains Installations, tunnel works at Wan Chai East, ELS work at TS4 and deep excavation at TPCWAE TCBR1W. Advanced piling works at FEHD Whitfield Depot, Excavation of trial pit at Central Interchange, and marine piling and box culvert construction at North Point area. The major environmental impact was water quality impact at Causeway Bay and Wan Chai. Land-based construction activity were ELS work at TS4, deep excavation at TPCWAE TCBR1W, piling works at FEHD Whitfield Depot, excavation at Central and diaphragm wall construction at North Point and tunnel works at Wan Chai East in the reporting month.
- 7.0.4. The major environmental impacts generated from advanced piling works at FEHD Whitfield Depot were undertaken and excavation at Central and tunnel works at Wan Chai East, IECL and Causeway Bay Typhoon Shelter in the reporting month. No significant air impact was anticipated in the reporting month. Besides, no project-related exceedance was recorded during the environmental monitoring events in the reporting month. Thus, it is evaluated that the cumulative construction impact from the concurrent projects including Wan Chai Development Phase II was insignificant.

8 Environmental Site Audit

8.0.1. During this reporting month, weekly environmental site audits were conducted for Contracts no. HY/2009/15, HY/2009/17, HY/2009/18, HY/2009/19, HK/2009/01, HK/2009/02 and HK/2010/06. No non-conformance was identified during the site audits.

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

Date	Item	Observations	Action taken by Contractor	Outcome
121030_01	30-Oct-12	Drip trays should be provided for chemical drums(TS1,TS4,Ex-PCWA)	Drip trays were provided	Completion as observed on 06-11-12
121120_01	20-Nov-12	Filling materials should be avoid resting at the edge of seawall block to prevent overflow	Filling materials have been removed from the edge of seawall block	Completion as observed on 27-Nov-12
121120_02	20-Nov-12	Impermeable barrier behind filling works should be tightened to avoid gaps	Conditions of impermeable barriers were improved.	Completion as observed on 11-Dec 2012
121127_01	27-Nov-12	The oil stain was observed on ground which should be cleaned and removed as chemical waste	Oil stain found was removed	Completion as observed on 05 Dec 2012

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

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

Item	Date	Observations	Action taken by Contractor	Outcome
121106_01	8-Nov-12	Oil leaked from plants should be cleaned up and oil stain should be treated as chemical waste	Oil stain found was cleared	Completed as observed on 15 Nov 2012

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

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

Item	Date	Observations	Action taken by Contractor	Outcome
121107_01	7-Nov-12	Protection should be provided for public gully before road surface breaking works	Protection measures were provided	Completion as observed on 15-Nov-12

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
121031_01	31-Oct-12	Oil leakage was observed at several locations which should be removed as chemical waste, the source of leakage should be identified. (Expo East Bridge, Near to Grand Hyatt)	The oil stain was removed	Completion as observed on 7-Nov-12
121107_01	7-Nov-12	The oil leakage was observed on the platform of Leader 2 which should be removed as chemical waste (Leader 2 Dredger)	The oil stain was removed	Completion as observed on 14-Nov-12
121114_01	14-Nov-12	The muddy water dispersion out of the silt curtain was observed during filling. Gaps between silt curtain should be prevented before filling operation (Expo Drive East)	The silt curtain condition was improved.	Completion as observed on 22-Nov-12
121114_02	14-Nov-12	The oil stain was observed on ground which should be removed and disposed as chemical waste (Playground Area)	The oil stain was removed	Completion as observed on 22-Nov-12
121122_01	22-Nov-12	The oil stain was observed on ground which should be removed and disposed as chemical waste (VIP area)	The oil stain was removed	Completion as observed on 28-Nov-12
121122_02	22-Nov-12	The C&D materials around tree should be removed (Playground Area)	The C&D materials near to tree were removed.	Completion as observed on 28-Nov-12

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
121101_01	1-Nov-12	The oil stain was observed on the ground which should be removed as chemical waste (WCR1, Wan Shing Street)	The oil stain was removed.	Completion as observed on 8-Nov-12
121101_02	1-Nov-12	The silt accumulated in U-channel should be removed. (WCR2)	The silt was removed.	Completion as observed on 8-Nov-12
121115_02	15-Nov-12	The stockpile should be covered by tarpaulin sheet (Harbour Road)	The stockpile is covered.	Completion as observed on 23-Nov-12
121115_02	15-Nov-12	The blockage of access to C5 WQM station by the filling materials and excavator was observed.	The condition of wheel washing facility has been improved.	Completion as observed on 29-Nov-12

8.0.7. Four site inspections for Contract no. HY/2009/17 were carried out during this reporting period. The results of these inspections and outcomes are summarized in **Table 8.6**

Table 8.6 Summary of Environmental Inspections for Contract no. HK/2009/17

Item	Date	Observations	Action taken by Contractor	Outcome
27/11/2012	121127_01	Mechanical cover should be closed when the truck with material leaves the construction site.	Mechanical cover was closed during material transport by trucks	Completion as observed on 4 Dec 2012.

8.0.8. Four site inspections for Contract no. HK/2010/06 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/2010/06

Item	Date	Observations	Action taken by Contractor	Outcome
121112_01	12-Nov-12	Watering within site area should be provided more regularly. (Section 2)	Watering was observed.	Completion as observed on 22-Nov-12
121112_02	12-Nov-12	The grouting materials on ground should be tidied up and disposed as inert waste(2e)	The grouting materials on ground were tidied up.	Completion as observed on 22-Nov-12
121122_01	22-Nov-12	The oil stain was observed on the platform which should be removed and disposed as chemical waste (2w)	The oil stain was removed.	Completion as observed on 26-Nov-12

9 COMPLAINTS, NOTIFICATION OF SUMMONS AND PROSECUTION

9.0.1. No environmental complaint was received in the reporting period.

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

9.0.3. 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
Nov12	0
Sep10 - Oct12	20
Total	20

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	• ELS works at TS4 • Rock breaking works at TPCWAE • Tunnel works at TS1 • Bored piling at eastern breakwater • Horizontal drilling for mined tunnel • Pipe roofing installation	• Watering any dust generating activities • Checking all drip trays frequently and clear any stagnant water and mud inside it. • Noise control measures shall be provided during restricted hours.
HY/2009/17	• No further works under designated project	• Maintenance of general site condition.

HY/2009/18	• Excavation of trial pit • Transplanting of trees • Hoarding erection and modification • Installation of couplers, UU detection, trial trench, pre-drilling • Excavation • Sheet Piling • Drainage works • Tunnel works • Trough structure construction and associated drilling and grouting • Road works • OHVD installation • Pipe-piling works • Cooling main bridge construction • Pre-bored H-piling • Bridge construction	• Noise barrier shall be implemented; and • Noise level shall be controlled by reducing piling rate and no. of plants working in parallel. • 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.
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HY2009/19	• Road works at Watson Road • Bored piling (Land) • Pre-drilling works for bored pile and Diaphragm wall • D-wall Construction (North & South Section) • Guide wall construction for D-wall / Barrette at North side • Construction works for Box Culvert T1 • Marine Piling • Construction of socket-H pile • Construction works for Culvert U1 • Construction of 1500ϕ drainage pipe • Construction of Pile caps & columns (Land) • Dismantling of marine platform • Demolition of parapet at IEC Link • Construction of Pile caps & columns (Marine) • Cut & Cover Tunnel sheet piling works	• Noise level shall be controlled by reducing the piling 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.
HK2009/01	• Installation of pre-bored H-pile in CWB stage 2 (from Ch120 to Ch190) • Backfilling works at SCL section	• 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

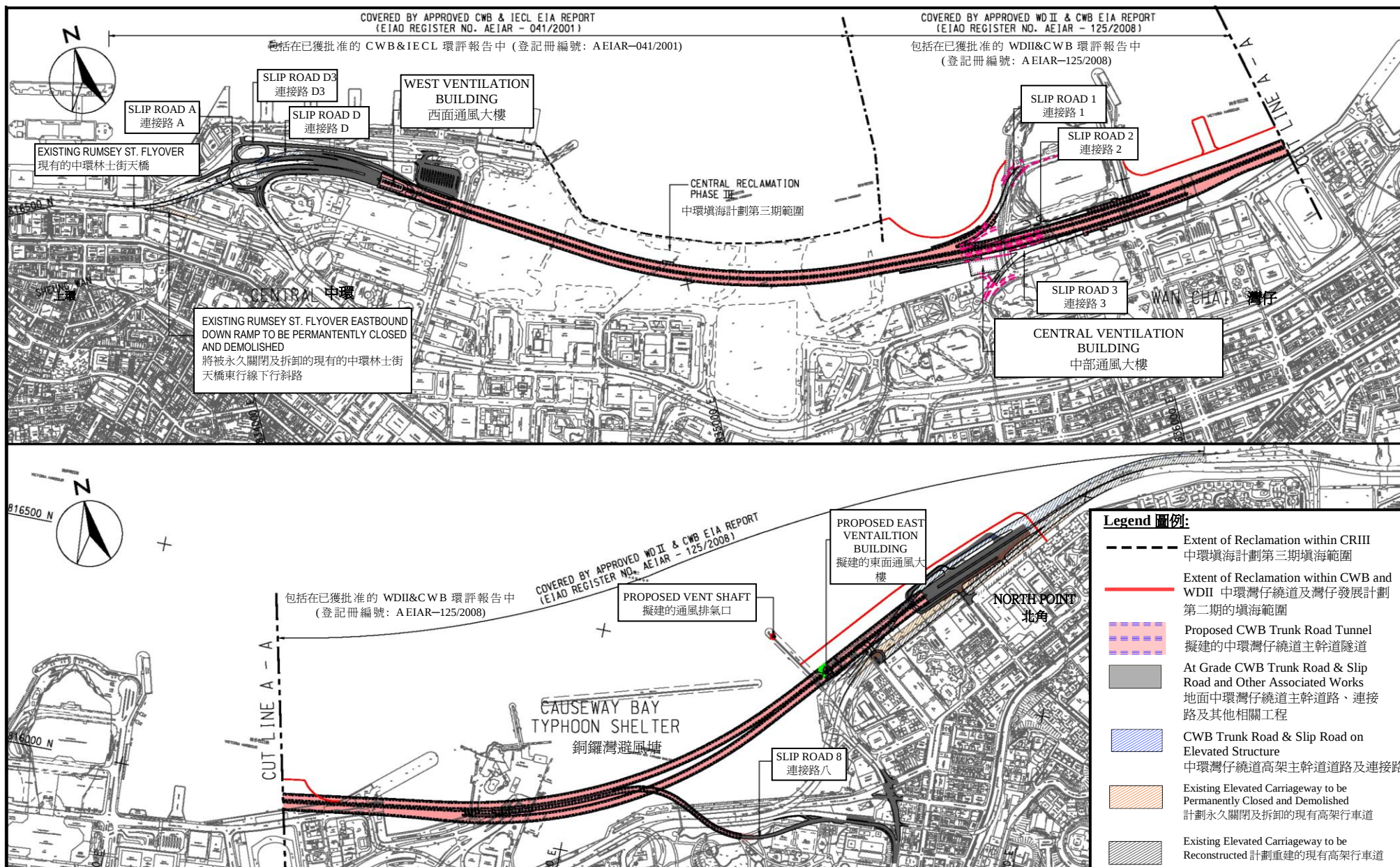
HK/2009/02	• Trimming of bored pile head, blinding and waterproofing for the base slab construction at tunnel portion 1. • Base slab concreting at Tunnel Portion 1 • Diaphragm wall construction for Panel C111, C113, C115, BHP7 and BHP5. • Bulkhead at Bay 14 of Box Culvert "O" and stage 2 diversion of uncharted drainage works at Box culvert "O". • Trial excavation, footpath set back, UU diversion, tree transplantation, reprovision of street furniture and preparation works for Hung Hing Road Diversion Stage 1. • Caisson seawall precast unit 2X in-situ work on flat-top barge.	• Well maintain the enclosures for grouting and bentonite mixing plants. • Dust control during dust generating works • Provision of protection to ensure no runoff out of site area or direct discharge into public drainage system.
HK/2010/06	• Construction of Pre-cast Unit in China	• Air pollution control during transportation

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.



Figure 2.1

Project Layout

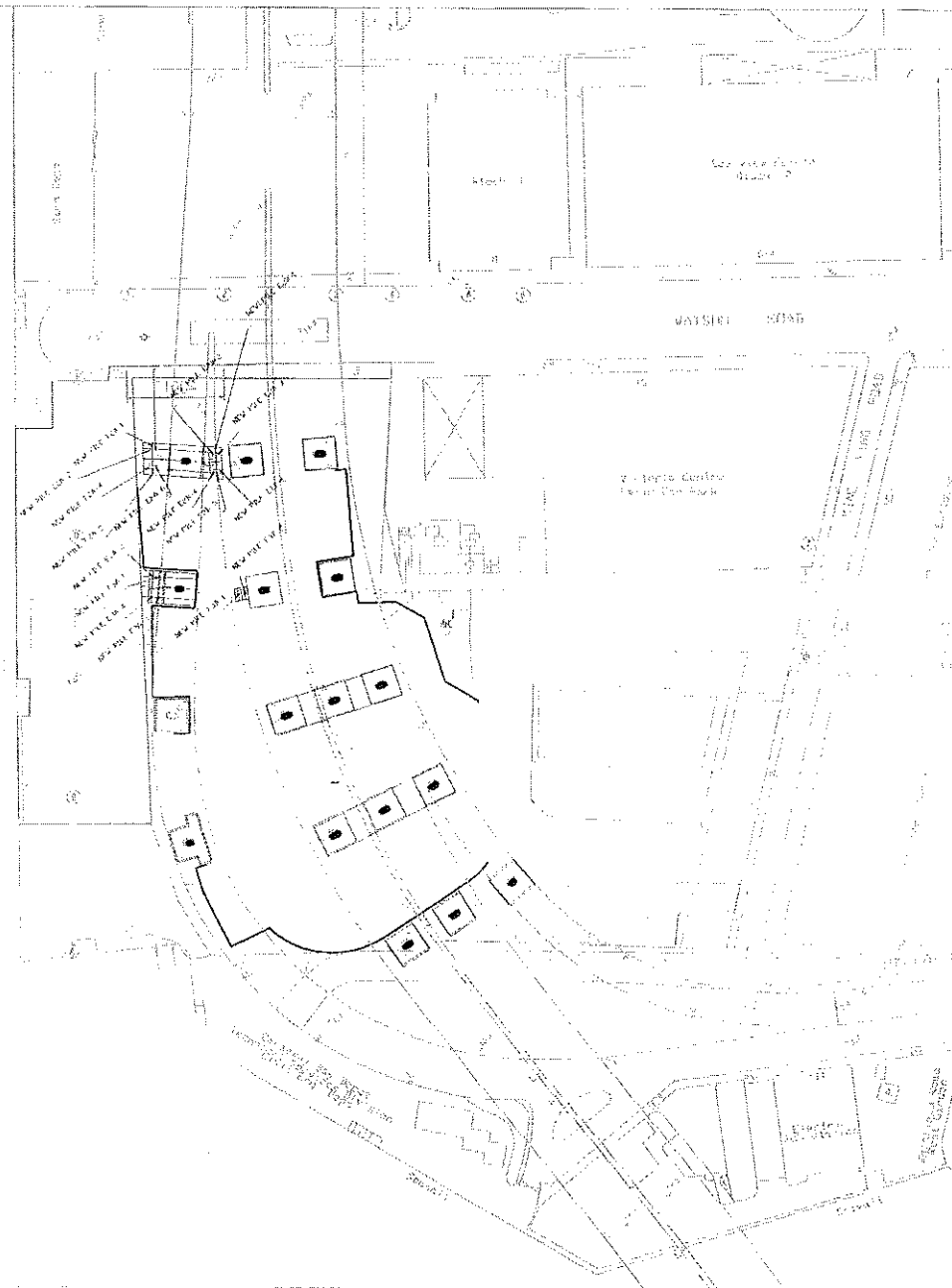


Project Title: Central-Wanchai Bypass (CWB) Including Its Road Tunnel and Slip Roads
工程項目名稱: 中環灣仔繞道包括其行車隧道及連接路

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))



Drawn by: [Signature]
Checked by: [Signature]

Scale: 1:1000

REV.	DATE	DESCRIPTION	CHK BY	AUTH BY

Highways Department 路政署
Major Works Project Management Office 大型工程项目管理办公室

CENTRAL - WAN CHAI BYPASS AND IEC L/H

PWP ITEM NO. 579 TH
工程项目编号 579 TH

Project: CENTRAL - WAN CHAI BYPASS - ADD WATERLOO ROAD RE-PROPOSING WORKS

AECOM

Drawing Title: CENTRAL - WAN CHAI BYPASS AND IEC L/H

Contractor: LAM WOO & COMPANY LIMITED

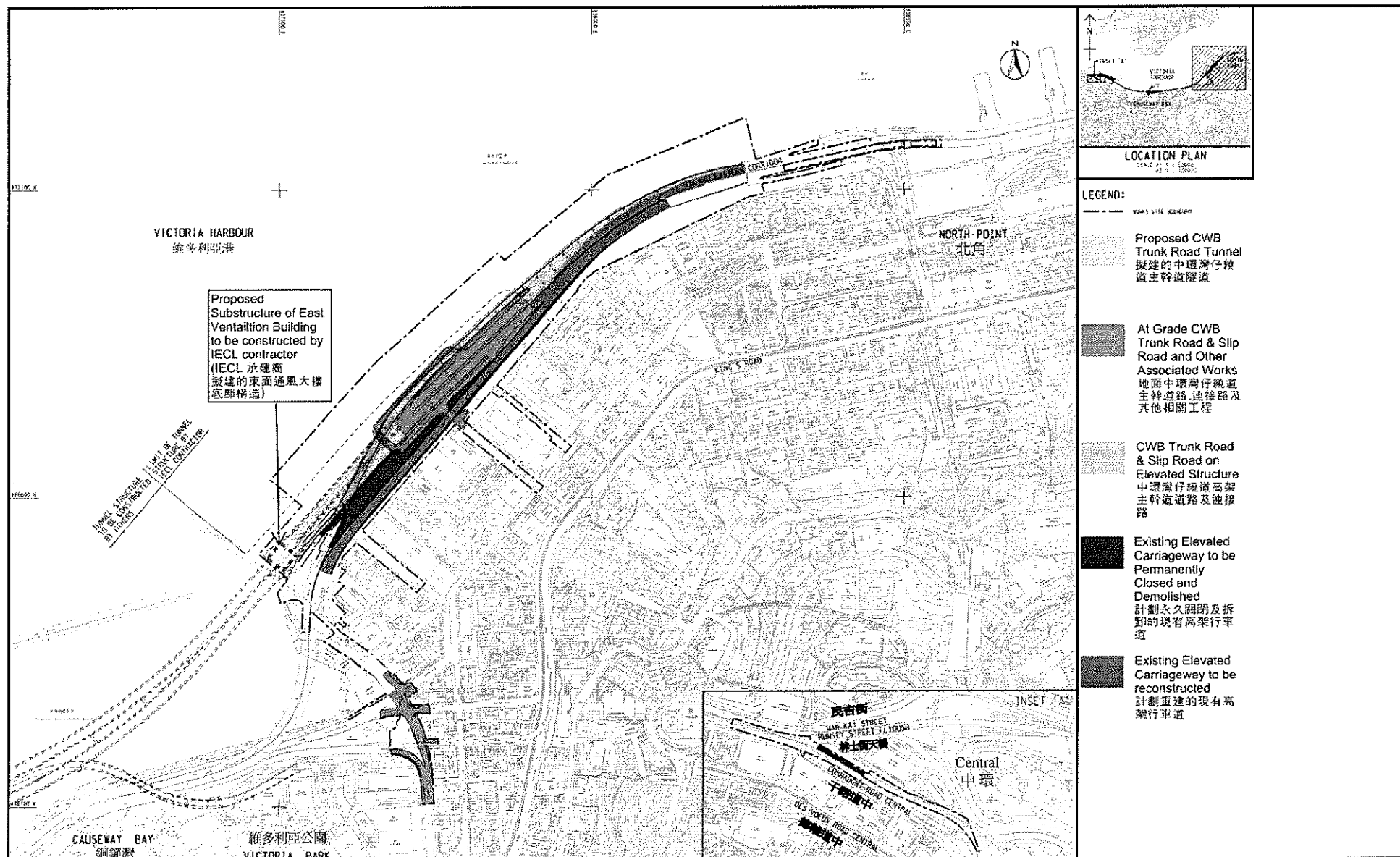
DRAWING NO. 0000

SURVEY DATE: 12/20/2000

DRAWN BY: K.L.N.

CHECKED BY:

SCALE: 1:1000 SHEET: 1



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

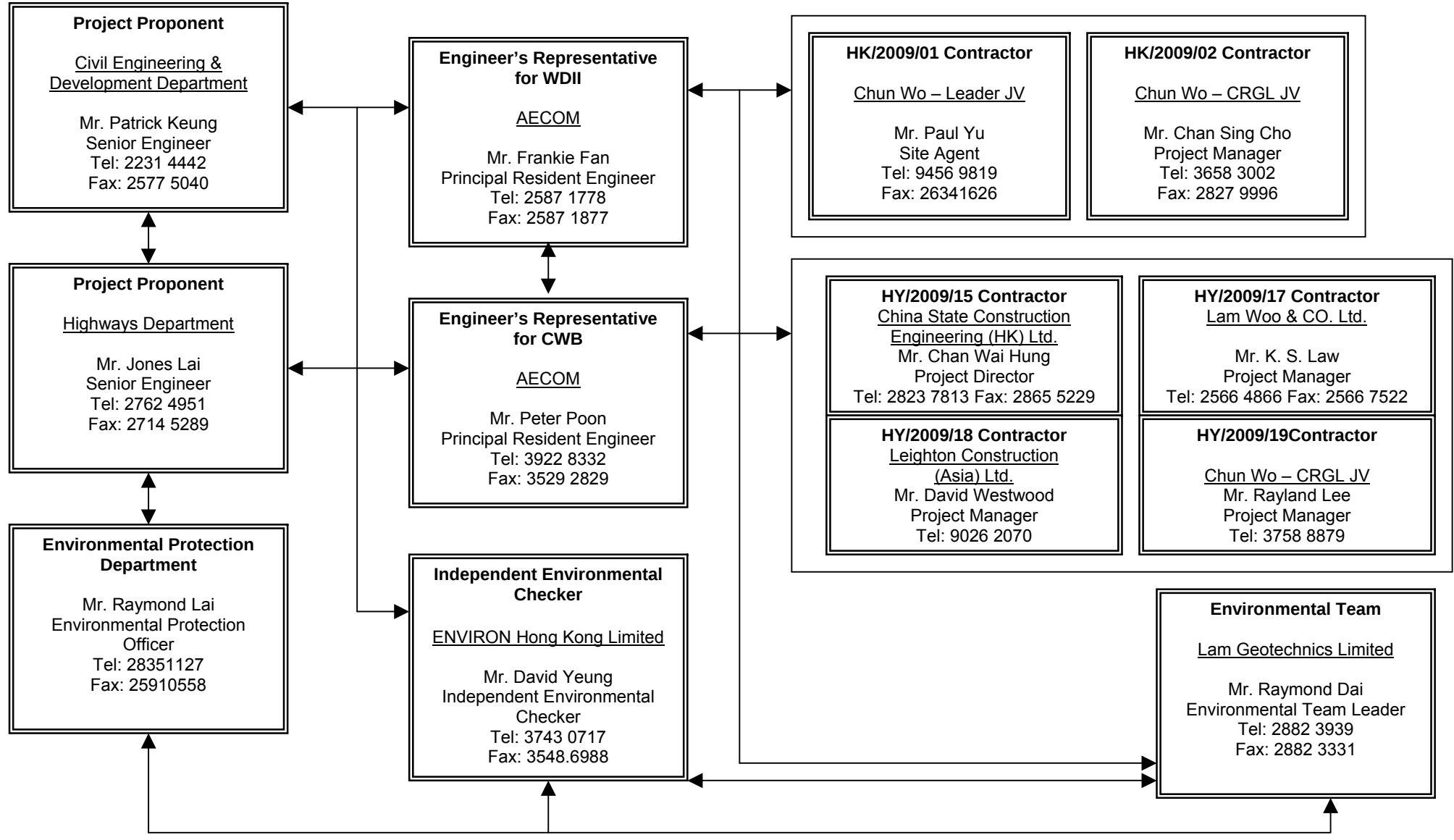
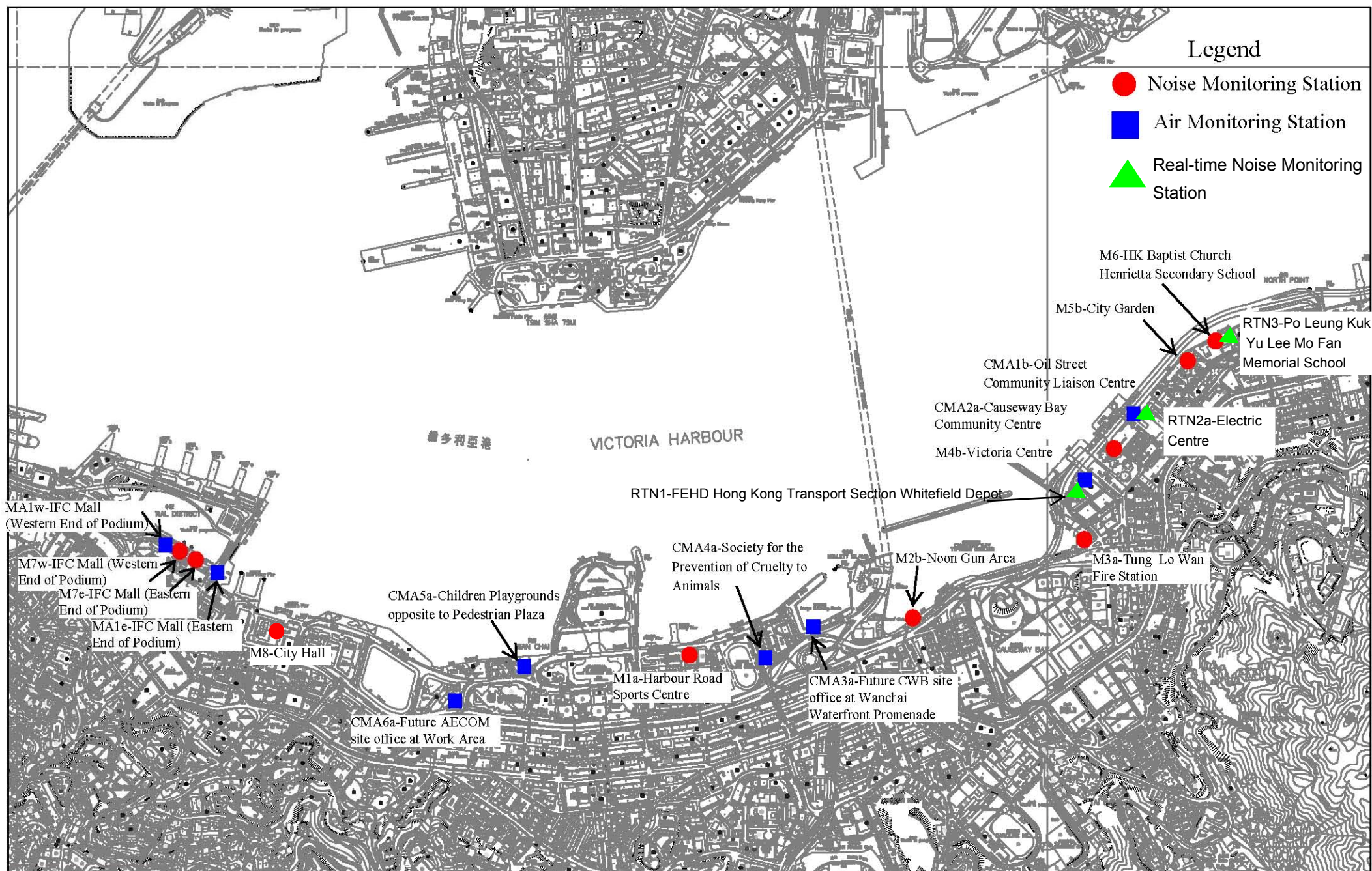




Figure 4.1

Locations of Monitoring Stations





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. - 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	Good Site Practice: - Only well-maintained plant shall be operated on-site and plant shall be serviced regularly during the construction program. - Silencers or mufflers on construction equipment shall be utilized and shall be properly maintained during the construction program. - Mobile plant, if any, shall be sited as far away from NSRs as possible. - Machines and plant (such as trucks) that may be in intermittent use shall be shut down between works periods or shall be throttled down to a minimum. - Plant known to emit noise strongly in one direction shall, wherever possible, be orientated so that the noise is directed away from the nearby NSRs. - Material stockpiles and other structures shall be effectively utilized, wherever practicable, in screening noise from on-site construction activities.	Work Sites / During Construction	Contractor		√			EIAO-TM, NCO
S4.8.1 – S4.8.11	Use of quiet powered mechanical equipment, movable noise barrier and temporary noise barrier for the following tasks: - 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	
	- Demolition and construction of substructures for the IEC - Demolition works of existing piers and crossheads of the marine section of the existing IEC Use of PME grouping for the following tasks: - At-grade road construction - Substructure for IECL connection							
Operation Phase								
S4.8.12 – S4.8.23	For Existing NSRs - 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 - about 265m length of noise semi-enclosure with transparent panel covering the westbound slip road from the IEC - The openable windows of the temple, if any, should be orientated so as to avoid direct line of sight to the existing Victoria Park Road as far as practicable.	In between the Electric Centre (next to City Garden) and CDA(1) site / Before occupation of Planned NSRs in CDA and CDA(1) sites. Near Causeway Bay Fire Station / During detailed design of the re-provisioned Tin Hau Temple	HyD Project Proponent for the re-provisioned Tin Hau Temple	√ √	√ #			

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

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

Table A.4 Implementation Schedule for Waste Management

WDII & CWB EIA Report Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Implementation Stages*				Relevant Legislation and Guidelines
				Des	C	O	Dec	
Construction Phase								
S6.5.14	<i>Floating Refuse</i> During the construction phase, the project proponent’s contractor will be responsible for the collection of any refuse within their works area. Floating booms will be provided on the water surface to confine the refuse from the working barges as well as to avoid the accumulation of pollutants within temporary embayment as mentioned in Table D9.3.	Work site / During the construction period	Contractor		√			
S6.6.1	<i>Good Site Practices</i> Recommendations for good site practices during the construction activities include: • 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	<i>Waste Reduction Measures</i> 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: • 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	<i>General Refuse</i> 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. 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.	Work site / During the construction period	Contractor		√			Public Health and Municipal Services Ordinance (Cap. 132)
S6.6.5	<i>Chemical Wastes</i> 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.	Work site / During the construction period	Contractor		√			Waste Disposal (Chemical Waste) (General) Regulation Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes
S6.6.6	<i>Construction and Demolition Material</i> 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.	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	<i>Bentonite Slurry</i> 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: • 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



TISCH ENVIRONMENTAL, INC.
 145 SOUTH MIAMI AVE.
 VILLAGE OF CLEVELAND, OH 44102
 513.467.9000
 877.263.7610 TOLL FREE
 513.467.9009 FAX
 WWW.TISCH-ENV.COM

AIR POLLUTION MONITORING EQUIPMENT

ORIFICE TRANSFER STANDARD CERTIFICATION WORKSHEET TE-5025A

Date - Jul 19, 2012 Rootmeter S/N 0438320 Ta (K) - 298
 Operator Tisch Orifice I.D. - 0005 Pa (mm) - 751.84

PLATE OR Run #	VOLUME START (m3)	VOLUME STOP (m3)	DIFF VOLUME (m3)	DIFF TIME (min)	METER	ORFICE
					DIFF Hg (mm)	DIFF H2O (in.)
1	NA	NA	1.00	1.3840	3.2	2.00
2	NA	NA	1.00	0.9760	6.4	4.00
3	NA	NA	1.00	0.8730	7.9	5.00
4	NA	NA	1.00	0.8340	8.8	5.50
5	NA	NA	1.00	0.6890	12.7	8.00

DATA TABULATION

Vstd	(x axis) Qstd	(y axis)	Va	(x axis) Qa	(y axis)
0.9850	0.7117	1.4066	0.9957	0.7194	0.8903
0.9809	1.0050	1.9892	0.9915	1.0159	1.2591
0.9788	1.1212	2.2240	0.9894	1.1333	1.4078
0.9777	1.1723	2.3326	0.9883	1.1850	1.4765
0.9725	1.4115	2.8132	0.9831	1.4268	1.7807
Qstd slope (m) = 2.01145			Qa slope (m) = 1.25953		
intercept (b) = -0.02803			intercept (b) = -0.01774		
coefficient (r) = 0.99995			coefficient (r) = 0.99995		
y axis = SQRT[H2O(Pa/760) (298/Ta)]			y axis = SQRT[H2O(Ta/Pa)]		

CALCULATIONS

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

$$Qstd = Vstd/Time$$

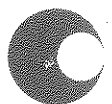
$$Va = \text{Diff Vol} [(Pa - \text{Diff Hg})/Pa]$$

$$Qa = Va/Time$$

For subsequent flow rate calculations:

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

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



Calibration Certificate

Certificate No. **23551**

Page **1** of **4** Pages

Customer : Lam Geotechnics Limited

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

Order No. : Q21462

Date of receipt : 11-Jun-12

Item Tested

Description : Digital Sound Level Meter

Manufacturer : B&K

Model : Type 2236

Serial No. : 2100736

Test Conditions

Date of Test : 12-Jun-12

Supply Voltage : --

Ambient Temperature : $(23 \pm 3)^{\circ}\text{C}$

Relative Humidity : $(50 \pm 25) \%$

Test Specifications

Calibration check.

Ref. Document/Procedure : Z01.

Test Results

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

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

Main Test equipment used:

<u>Equipment No.</u>	<u>Description</u>	<u>Cert. No.</u>	<u>Traceable to</u>
S017	Multi-Function Generator	C101623	SCL-HKSAR
S024	Sound Level Calibrator	15136	NIM-PRC & SCL-HKSAR

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

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

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

Calibrated by : 
P. F. Wong

Approved by : 
Dorothy Cheuk

Date: 12-Jun-12

This Certificate is issued by:

Hong Kong Calibration Ltd.

Unit 8B, 24/F., Well Fung Industrial Centre, No. 58-76, Ta Chuen Ping Street, Kwai Chung, NT, Hong Kong.

Tel: 2425 8801 Fax: 2425 8646

The copyright of this certificate is owned by Hong Kong Calibration Ltd.. It may not be reproduced except in full.



Calibration Certificate

Certificate No. 23551

Page 2 of 4 Pages

Results :

1. SPL Accuracy

UUT Setting				Applied Value (dB)	UUT Reading (dB)
Range	Parameter	Frequency Wt.	Freq. Response		
20 - 100	SPL	dBA	F	94.0	93.8
			S		93.8
		dBC	F		93.9
		dBL	F		93.9
		1 kHz	F		93.9
40 - 120	SPL	dBA	F	94.0	93.9
		1 kHz	F		94.0
	SPL	dBA	F	114.0	114.0
			S		114.0
		dBC	F		114.0
		dBL	F		114.1
		1 kHz	F		114.0

IEC 651 Type 1 Spec. : ± 0.7 dB

Uncertainty : ± 0.1 dB

2. Level Stability : 0.0 dB

IEC 651 Type 1 Spec. : ± 0.3 dB

Uncertainty : ± 0.01 dB

3. Linearity

3.1 Level Linearity

UUT Range (dB)	Applied Value (dB)	UUT Reading (dB)	Variation (dB)	IEC 651 Type 1 Spec. (Primary Indicator Range)
140	114.0	113.8	-0.1	± 0.7 dB
130	104.0	103.9	0.0	
120	94.0	93.9 (Ref.)	--	
110	84.0	83.9	0.0	
100	74.0	73.9	0.0	
90	64.0	63.9	0.0	
90	54.0	53.9	0.0	

Uncertainty : ± 0.1 dB



Calibration Certificate

Certificate No. **23551**

Page 3 of 4 Pages

3.2 Differential level linearity

UUT Range (dB)	Applied Value (dB)	UUT Reading (dB)	Variation (dB)	IEC 651 Type 1 Spec.
120	84.0	83.9	0.0	± 0.4 dB
	94.0	93.9 (Ref.)	--	
	95.0	94.8	-0.1	± 0.2 dB

Uncertainty : ± 0.1 dB

4. Frequency Weighting

A weighting

Frequency	Attenuation (dB)	IEC 651 Type 1 Spec.
31.5 Hz	-39.4	- 39.4 dB, ± 1.5 dB
63 Hz	-26.1	- 26.2 dB, ± 1.5 dB
125 Hz	-16.1	- 16.1 dB, ± 1 dB
250 Hz	-8.6	- 8.6 dB, ± 1 dB
500 Hz	-3.2	- 3.2 dB, ± 1 dB
1 kHz	0.0 (Ref)	0 dB, ± 1 dB
2 kHz	+1.3	+ 1.2 dB, ± 1 dB
4 kHz	+1.0	+ 1.0 dB, ± 1 dB
8 kHz	-1.1	- 1.1 dB, + 1.5 dB ~ -3 dB
16 kHz	-6.7	- 6.6 dB, + 3 dB ~ - ∞

Uncertainty : ± 0.1 dB

5. Time Averaging

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

Uncertainty : ± 0.1 dB



Calibration Certificate

Certificate No. 23551

Page 4 of 4 Pages

6. Filter Response

Filter Setting		Attenuation (dB)	IEC 1260 Class 1 Spec.
125	Hz	-63.5	< - 61
250	Hz	-44.7	< - 42
500	Hz	-20.8	< - 17.5
707	Hz	-3.5	- 2 ~ - 5
1	kHz (Ref.)	0.0 (Ref.)	--
1.414	kHz	-3.9	- 2 ~ - 5
2	kHz	-21.2	< - 17.5
4	kHz	-44.9	< - 42
8	kHz	-63.7	< - 61

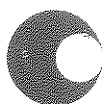
Uncertainty : ± 0.2 dB

Remark : 1. UUT : Unit-Under-Test

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

3. Atmospheric Pressure : 992 hPa

----- END -----



Calibration Certificate

Certificate No. **25144**

Page 1 of 2 Pages

Customer : Lam Geotechnics Limited

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

Order No. : Q22033

Date of receipt : 2-Aug-12

Item Tested

Description : Sound Level Calibrator

Manufacturer : B & K

Model : Type 4230

Serial No. : 1411076

Test Conditions

Date of Test : 10-Aug-12

Supply Voltage : --

Ambient Temperature : $(23 \pm 3)^{\circ}\text{C}$

Relative Humidity : $(50 \pm 25) \%$

Test Specifications

Calibration check.

Ref. Document/Procedure: F21, Z02.

Test Results

All results were within the IEC 942 Class 1 specification.

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

Main Test equipment used:

<u>Equipment No.</u>	<u>Description</u>	<u>Cert. No.</u>	<u>Traceable to</u>
S014	Spectrum Analyzer	13535	NIM-PRC & SCL-HKSAR
S024	Sound Level Calibrator	15136	NIM-PRC & SCL-HKSAR
S041	Universal Counter	15610	SCL-HKSAR
S191	6½ dgt. Multimeter	20033	NIM-PRC

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

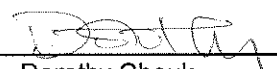
The test equipment used for calibration are traceable to International System of Units (SI).

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

Calibrated by :


Stephen Chu

Approved by :


Dorothy Cheuk

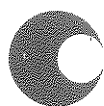
Date: 10-Aug-12

This Certificate is issued by:

Hong Kong Calibration Ltd.

Unit 8B, 24/F., Well Fung Industrial Centre, No. 58-76, Ta Chuen Ping Street, Kwai Chung, NT, Hong Kong.

Tel: 2425 8801 Fax: 2425 8646



Calibration Certificate

Certificate No. **25144**

Page 2 of 2 Pages

Results :

1. Level Accuracy

UUT Nominal Value (dB)	Measured Value (dB)	IEC 942 Class 1 Spec.
94	93.96	± 0.3 dB

Uncertainty : ± 0.2 dB

2. Frequency

UUT Nominal Value	Measured Value	IEC 942 Class 1 Spec.
1 kHz	1.000 kHz	± 2 %

Uncertainty : $\pm 3.6 \times 10^{-6}$

3. Level Stability : 0.0 dB

IEC 942 Class 1 Spec. : ± 0.1 dB

Uncertainty : ± 0.01 dB

4. Total Harmonic Distortion : < 1.5 %

IEC 942 Class 1 Spec. : < 3 %

Uncertainty : ± 2.3 % of reading

Remark : 1. UUT : Unit-Under-Test

2. The above measured values are the mean of 3 measurement.

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

4. Atmospheric Pressure : 995 hPa.

----- END -----



Lam Geotechnics Limited

Calibration Data for High Volume Sampler (TSP Sampler)

Location : CMA1b Calibration Date : 16-Oct-12
 Equipment no. : EL452 Calibration Due Date : 16-Dec-12

CALIBRATION OF CONTINUOUS FLOW RECORDER

Ambient Condition			
Temperature, T _a	301	Kelvin	Pressure, P _a
			1010 mmHg

Orifice Transfer Standard Information					
Equipment No.	EL086	Slope, m _c	2.01145	Intercept, b _c	-0.02803
Last Calibration Date	19-Jul-12	$\left(H \times P_a / 1013.3 \times 298 / T_a \right)^{1/2}$ $= m_c \times Q_{std} + b_c$			
Next Calibration Date	19-Jul-13				

Calibration of RSP						
Calibration Point	Manometer Reading			Q _{std} (m ³ / min.) X-axis	Continuous Flow Recorder, W (CFM)	IC (W(P _a /1013.3x298/T _a) ^{1/2} /35.31) Y-axis
	H (inches of water) (up)	(down)	(difference)			
1	6.1	6.1	12.2	1.7389	62	61.5897
2	5.0	5.0	10.0	1.5757	55	54.6360
3	4.1	4.1	8.2	1.4281	48	47.6824
4	2.5	2.5	5.0	1.1182	36	35.7618
5	1.4	1.4	2.8	0.8403	25	24.8346

By Linear Regression of Y on X

Slope, m = 40.7641 Intercept, b = -9.7338
 Correlation Coefficient* = 0.9994
 Calibration Accepted = Yes/No**

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

** Delete as appropriate.

Remarks : _____

Calibrated by : Sam Checked by : Derek Lo
 Date : 16-Oct-12 Date : 16-Oct-12



Lam Geotechnics Limited

Calibration Data for High Volume Sampler (TSP Sampler)

Location : CMA2a Calibration Date : 16-Oct-12

Equipment no. : EL449 Calibration Due Date : 16-Dec-12

CALIBRATION OF CONTINUOUS FLOW RECORDER

Ambient Condition						
Temperature, T _a	301		Kelvin	Pressure, P _a	1010 mmHg	

Orifice Transfer Standard Information					
Equipment No.	EL086	Slope, m _c	2.01145	Intercept, b _c	-0.02803
Last Calibration Date	19-Jul-12	$\left(H \times P_a / 1013.3 \times 298 / T_a \right)^{1/2}$ $= m_c \times Q_{std} + b_c$			
Next Calibration Date	19-Jul-13				

Calibration of RSP						
Calibration Point	Manometer Reading			Q _{std} (m ³ / min.) X-axis	Continuous Flow Recorder, W (CFM)	IC (W(P _a /1013.3x298/T _a) ^{1/2} /35.31) Y-axis
	(up)	(down)	(difference)			
1	6.0	6.0	12.0	1.7247	53	52.6493
2	5.0	5.0	10.0	1.5757	45	44.7022
3	4.0	4.0	8.0	1.4108	38	37.7485
4	2.5	2.5	5.0	1.1182	26	25.8279
5	1.5	1.5	3.0	0.8693	15	14.9007

By Linear Regression of Y on X

Slope, m = 43.3273 Intercept, b = -22.8822

Correlation Coefficient* = 0.9992

Calibration Accepted = Yes/No**

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

** Delete as appropriate.

Remarks : _____

Calibrated by : Sam Checked by : Derek Lo

Date : 16-Oct-12 Date : 16-Oct-12



Lam Geotechnics Limited

Calibration Data for High Volume Sampler (TSP Sampler)

Location : CMA3a

Equipment no. : EL888

Calibration Date : 16-Oct-12

Calibration Due Date : 16-Dec-12

CALIBRATION OF CONTINUOUS FLOW RECORDER

Ambient Condition			
Temperature, T _a	301	Kelvin	Pressure, P _a
			1010 mmHg

Orifice Transfer Standard Information					
Equipment No.	EL086	Slope, m _c	2.01145	Intercept, b _c	-0.02803
Last Calibration Date	19-Jul-12	$\left(H \times P_a / 1013.3 \times 298 / T_a \right)^{1/2}$ $= m_c \times Q_{std} + b_c$			
Next Calibration Date	19-Jul-13				

Calibration of RSP						
Calibration Point	Manometer Reading H (inches of water)			Q _{std} (m ³ / min.)	Continuous Flow Recorder, W (CFM)	IC (W(P _a /1013.3x298/T _a) ^{1/2} /35.31)
	(up)	(down)	(difference)	X-axis		Y-axis
1	6.1	6.1	12.2	1.7389	50	49.6691
2	4.7	4.7	9.4	1.5281	42	41.7221
3	4.0	4.0	8.0	1.4108	38	37.7485
4	2.4	2.4	4.8	1.0959	24	23.8412
5	1.4	1.4	2.8	0.8403	14	13.9074

By Linear Regression of Y on X

Slope, m = 40.2808 Intercept, b = -19.9065

Correlation Coefficient* = 0.9994

Calibration Accepted = Yes/No**

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

** Delete as appropriate.

Remarks : _____

Calibrated by : Sam

Date : 16-Oct-12

Checked by : Derek Lo

Date : 16-Oct-12



Lam Geotechnics Limited

Calibration Data for High Volume Sampler (TSP Sampler)

Location : CMA4a

Equipment no. : EL390

Calibration Date : 16-Oct-12

Calibration Due Date : 16-Dec-12

CALIBRATION OF CONTINUOUS FLOW RECORDER

Ambient Condition			
Temperature, T _a	301	Kelvin	Pressure, P _a
			1010 mmHg

Orifice Transfer Standard Information					
Equipment No.	EL086	Slope, m _c	2.01145	Intercept, b _c	-0.02803
Last Calibration Date	19-Jul-12	$\left(H \times P_a / 1013.3 \times 298 / T_a \right)^{1/2}$ $= m_c \times Q_{std} + b_c$			
Next Calibration Date	19-Jul-13				

Calibration of RSP						
Calibration Point	Manometer Reading H (inches of water)			Q _{std} (m ³ / min.)	Continuous Flow Recorder, W (CFM)	IC (W(P _a /1013.3x298/T _a) ^{1/2} /35.31)
	(up)	(down)	(difference)	X-axis		Y-axis
1	6.1	6.1	12.2	1.7389	60	59.6030
2	5.0	5.0	10.0	1.5757	53	52.6493
3	3.8	3.8	7.6	1.3754	44	43.7088
4	2.4	2.4	4.8	1.0959	34	33.7750
5	1.4	1.4	2.8	0.8403	23	22.8478

By Linear Regression of Y on X

Slope, m = 40.4660 Intercept, b = -11.1111

Correlation Coefficient* = 0.9994

Calibration Accepted = Yes/No**

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

** Delete as appropriate.

Remarks : _____

Calibrated by : Sam

Date : 16-Oct-12

Checked by : Derek Lo

Date : 16-Oct-12



Lam Geotechnics Limited

Calibration Data for High Volume Sampler (TSP Sampler)

Location : CMA5a Calibration Date : 16-Oct-12
 Equipment no. : EL380 Calibration Due Date : 16-Dec-12

CALIBRATION OF CONTINUOUS FLOW RECORDER

Ambient Condition			
Temperature, T _a	301	Kelvin	Pressure, P _a
			1010 mmHg

Orifice Transfer Standard Information					
Equipment No.	EL086	Slope, m _c	2.01145	Intercept, b _c	-0.02803
Last Calibration Date	19-Jul-12	$\left(H \times P_a / 1013.3 \times 298 / T_a \right)^{1/2}$ $= m_c \times Q_{std} + b_c$			
Next Calibration Date	19-Jul-13				

Calibration of RSP						
Calibration Point	Manometer Reading			Q _{std} (m ³ / min.) X-axis	Continuous Flow Recorder, W (CFM)	IC (W(P _a /1013.3x298/T _a) ^{1/2} /35.31) Y-axis
	H (inches of water)					
	(up)	(down)	(difference)			
1	6.1	6.1	12.2	1.7389	57	56.6228
2	5.0	5.0	10.0	1.5757	52	51.6559
3	3.8	3.8	7.6	1.3754	45	44.7022
4	2.4	2.4	4.8	1.0959	35	34.7684
5	1.5	1.5	3.0	0.8693	27	26.8213

By Linear Regression of Y on X

Slope, m = 34.5420 Intercept, b = -3.0633
 Correlation Coefficient* = 0.9997
 Calibration Accepted = Yes/No**

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

** Delete as appropriate.

Remarks : _____

Calibrated by : Sam Checked by : Derek Lo
 Date : 16-Oct-12 Date : 16-Oct-12



Lam Geotechnics Limited

Calibration Data for High Volume Sampler (TSP Sampler)

Location : MA1e Calibration Date : 16-Oct-12
 Equipment no. : EL455 Calibration Due Date : 16-Dec-12

CALIBRATION OF CONTINUOUS FLOW RECORDER

Ambient Condition			
Temperature, T _a	301	Kelvin	Pressure, P _a
			1010 mmHg

Orifice Transfer Standard Information					
Equipment No.	EL086	Slope, m _c	2.01145	Intercept, b _c	-0.02803
Last Calibration Date	19-Jul-12	$\left(H \times P_a / 1013.3 \times 298 / T_a \right)^{1/2}$ $= m_c \times Q_{std} + b_c$			
Next Calibration Date	19-Jul-13				

Calibration of RSP						
Calibration Point	Manometer Reading			Q _{std} (m ³ / min.) X-axis	Continuous Flow Recorder, W (CFM)	IC (W(P _a /1013.3x298/T _a) ^{1/2} /35.31) Y-axis
	H (inches of water) (up)	(down)	(difference)			
1	6.2	6.2	12.4	1.7530	61	60.5963
2	5.1	5.1	10.2	1.5912	53	52.6493
3	4.1	4.1	8.2	1.4281	45	44.7022
4	2.5	2.5	5.0	1.1182	33	32.7816
5	1.4	1.4	2.8	0.8403	21	20.8610

By Linear Regression of Y on X

Slope, m = 42.9373 Intercept, b = -15.4836
 Correlation Coefficient* = 0.9989
 Calibration Accepted = Yes/No**

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

** Delete as appropriate.

Remarks : _____

Calibrated by : Sam Checked by : Derek Lo
 Date : 16-Oct-12 Date : 16-Oct-12



Lam Geotechnics Limited

Calibration Data for High Volume Sampler (TSP Sampler)

Location : MA1w

Equipment no. : EL080

Calibration Date : 16-Oct-12

Calibration Due Date : 16-Dec-12

CALIBRATION OF CONTINUOUS FLOW RECORDER

Ambient Condition			
Temperature, T _a	301	Kelvin	Pressure, P _a
			1010 mmHg

Orifice Transfer Standard Information					
Equipment No.	EL086	Slope, m _c	2.01145	Intercept, b _c	-0.02803
Last Calibration Date	19-Jul-12	$\left(H \times P_a / 1013.3 \times 298 / T_a \right)^{1/2}$ $= m_c \times Q_{std} + b_c$			
Next Calibration Date	19-Jul-13				

Calibration of RSP						
Calibration Point	Manometer Reading			Q _{std} (m ³ / min.)	Continuous Flow Recorder, W (CFM)	IC (W(P _a /1013.3x298/T _a) ^{1/2} /35.31)
	(up)	(down)	(difference)	X-axis		Y-axis
1	6.1	6.1	12.2	1.7389	58	57.6162
2	5.1	5.1	10.2	1.5912	51	50.6625
3	3.9	3.9	7.8	1.3932	40	39.7353
4	2.4	2.4	4.8	1.0959	26	25.8279
5	1.4	1.4	2.8	0.8403	15	14.9007

By Linear Regression of Y on X

Slope, m = 47.9431 Intercept, b = -26.1081

Correlation Coefficient* = 0.9991

Calibration Accepted = Yes/No**

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

** Delete as appropriate.

Remarks : _____

Calibrated by : Sam

Date : 16-Oct-12

Checked by : Derek Lo

Date : 16-Oct-12



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 (Stage2)

Environmental Monitoring Schedule
November 2012

						24hr TSP	27-Oct
28-Oct	29-Oct	30-Oct	31-Oct	1-Nov	2-Nov	3-Nov	
1hr TSP x 3 24hr TSP (MA1e,MA1w)			Noise (Daytime)	24hr TSP	1hr TSP x 3		
4-Nov	5-Nov	6-Nov	7-Nov	8-Nov	9-Nov	10-Nov	
	Noise (Daytime)		24 hr TSP	1hr TSP x 3 24hr TSP(CMA2a, CMA5a)			
11-Nov	12-Nov	13-Nov	14-Nov	15-Nov	16-Nov	17-Nov	
	Noise (Daytime)	24hr TSP	1hr TSP x 3 24hr TSP(CMA2a)				
18-Nov	19-Nov	20-Nov	21-Nov	22-Nov	23-Nov	24-Nov	
	Noise (Daytime) 24hr TSP	1hr TSP x 3					
25-Nov	26-Nov	27-Nov	28-Nov	29-Nov	30-Nov	1-Dec	
24hr TSP	1hr TSP x 3						

Contract No. HK/2011/07
Wan Chai Development Phase II and Central-Wan Chai Bypass
Sampling, Field Measurement and Testing Works (Stage2)

Tentative Environmental Monitoring Schedule
December 2012

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



Appendix 5.2

Noise Monitoring Results and Graphical Presentations



Noise Monitoring Result

Day Time (0700 - 1900hrs on normal weekdays)

Location: M1a - Harbour Road Sports Centre

Date	Time	Weather	Measurement Noise Level			Baseline Level	Construction Noise Level	Limit Level
			Leq	L10	L90	Leq	Leq	Leq
			Unit: dB(A), (30-min)					
01/11/12	10:25	Fine	72.4	75.5	66.0	72	59	75
06/11/12	10:15	Fine	73.2	76.0	67.5	72	66	75
13/11/12	11:25	Fine	72.0	75.0	65.5	72	72	75
20/11/12	08:05	Cloudy	73.4	75.5	68.5	72	67	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)					
01/11/12	11:00	Fine	70.7	72.5	68.5	68	68	75
06/11/12	11:00	Fine	71.4	72.5	69.0	68	69	75
13/11/12	13:00	Fine	72.8	74.5	70.8	68	71	75
20/11/12	9:10	Cloudy	71.0	74.0	67.0	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)					
01/11/12	13:00	Fine	66.8	68.5	63.5	69	67	75
06/11/12	13:00	Fine	67.0	68.5	63.5	69	67	75
13/11/12	13:40	Fine	67.1	68.5	64.5	69	67	75
20/11/12	13:15	Cloudy	66.2	67.5	63.5	69	66	75

Location: M4b - Victoria Centre

Date	Time	Weather	Measurement Noise Level			Baseline Noise Level	Construction Noise Level	Limit Level
			Leq	L10	L90	Leq	Leq	Leq
			Unit: dB(A), (30min)					
01/11/12	13:39	Fine	73.2	75.0	70.0	67	72	75
06/11/12	13:35	Fine	71.3	72.5	69.5	67	69	75
13/11/12	14:25	Fine	71.2	72.0	69.0	67	69	75
20/11/12	14:00	Cloudy	71.4	72.5	68.0	67	69	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)					
01/11/12	14:20	Fine	72.4	73.0	70.5	68	70	75
06/11/12	14:15	Fine	71.1	72.0	69.5	68	68	75
13/11/12	15:10	Fine	70.5	71.0	69.0	68	67	75
20/11/12	14:50	Cloudy	69.8	71.0	68.0	68	65	75

Location: M6 - HK Baptist Church Henrietta Secondary School

Date	Time	Weather	Measurement Noise Level			Baseline Level	Construction Noise Level	Limit Level
			Leq	L10	L90	Leq	Leq	Leq
			Unit: dB(A), (30-min)					
01/11/12	15:00	Fine	74.3	75.5	72.5	71	72	70
06/11/12	15:00	Fine	74.2	75.0	72.5	71	72	70
13/11/12	15:50	Fine	72.9	76.3	67.8	71	69	70
20/11/12	15:30	Cloudy	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)					
01/11/12	8:35	Fine	67.3	70.2	65.9	67	58	N/A
06/11/12	8:35	Fine	70.4	71.5	68.5	67	68	N/A
13/11/12	9:50	Fine	69.1	71.0	65.5	67	65	N/A
20/11/12	10:15	Cloudy	70.2	71.0	67.5	67	68	N/A

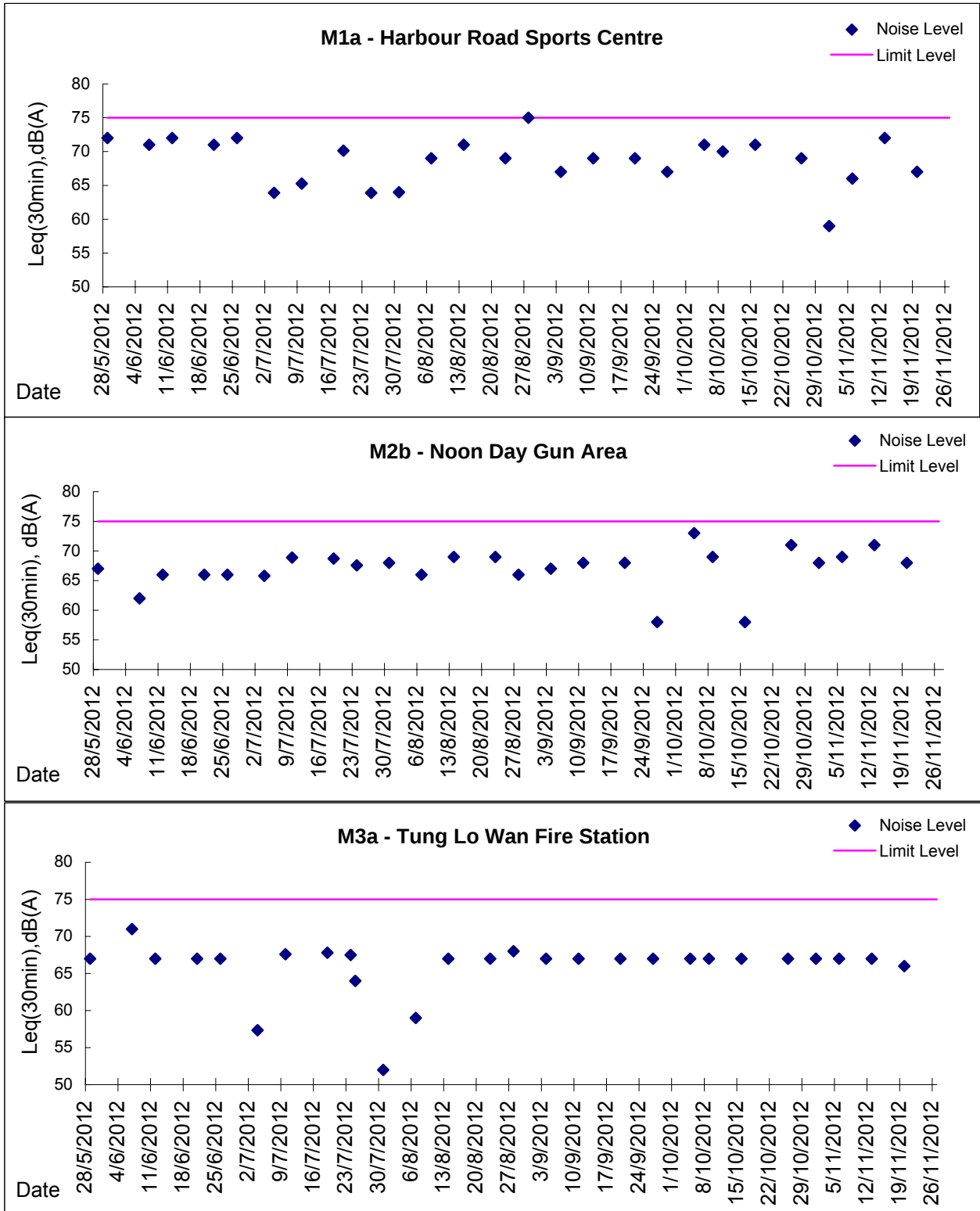
Location: M7w - International Finance Centre (Western End of Podium)

Date	Time	Weather	Measurement Noise Level			Baseline Level	Construction Noise Level	Limit Level
			Leq	L10	L90	Leq	Leq	Leq
			Unit: dB(A), (30-min)					
01/11/12	08:00	Fine	65.1	65.9	64.5	69	65	75
06/11/12	08:00	Fine	67.5	69.3	65.0	69	68	75
13/11/12	9:15	Fine	66.9	68.0	64.0	69	67	75
20/11/12	10:50	Cloudy	67.6	69.0	65.5	69	68	75

Location: M8 - City Hall

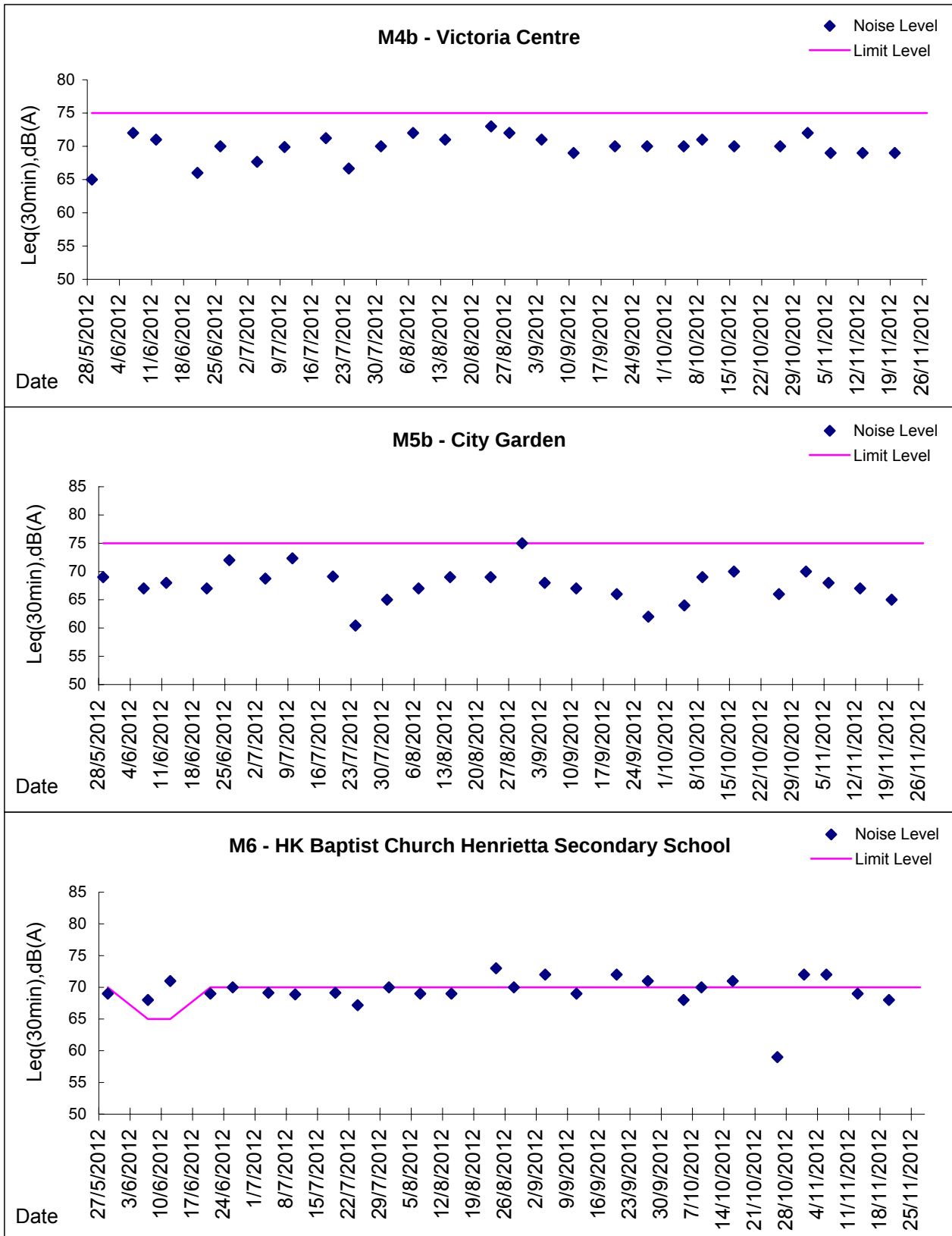
Date	Time	Weather	Measurement Noise Level			Baseline Level	Construction Noise Level	Limit Level
			Leq	L10	L90	Leq	Leq	Leq
			Unit: dB(A), (30-min)					
01/11/12	09:25	Fine	63.2	66.0	58.5	64	63	70
06/11/12	09:25	Fine	65.9	68.5	59.5	64	62	70
13/11/12	10:35	Fine	63.5	65.6	57.5	64	64	70
20/11/12	11:30	Cloudy	59.8	62.5	55.5	64	60	70

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

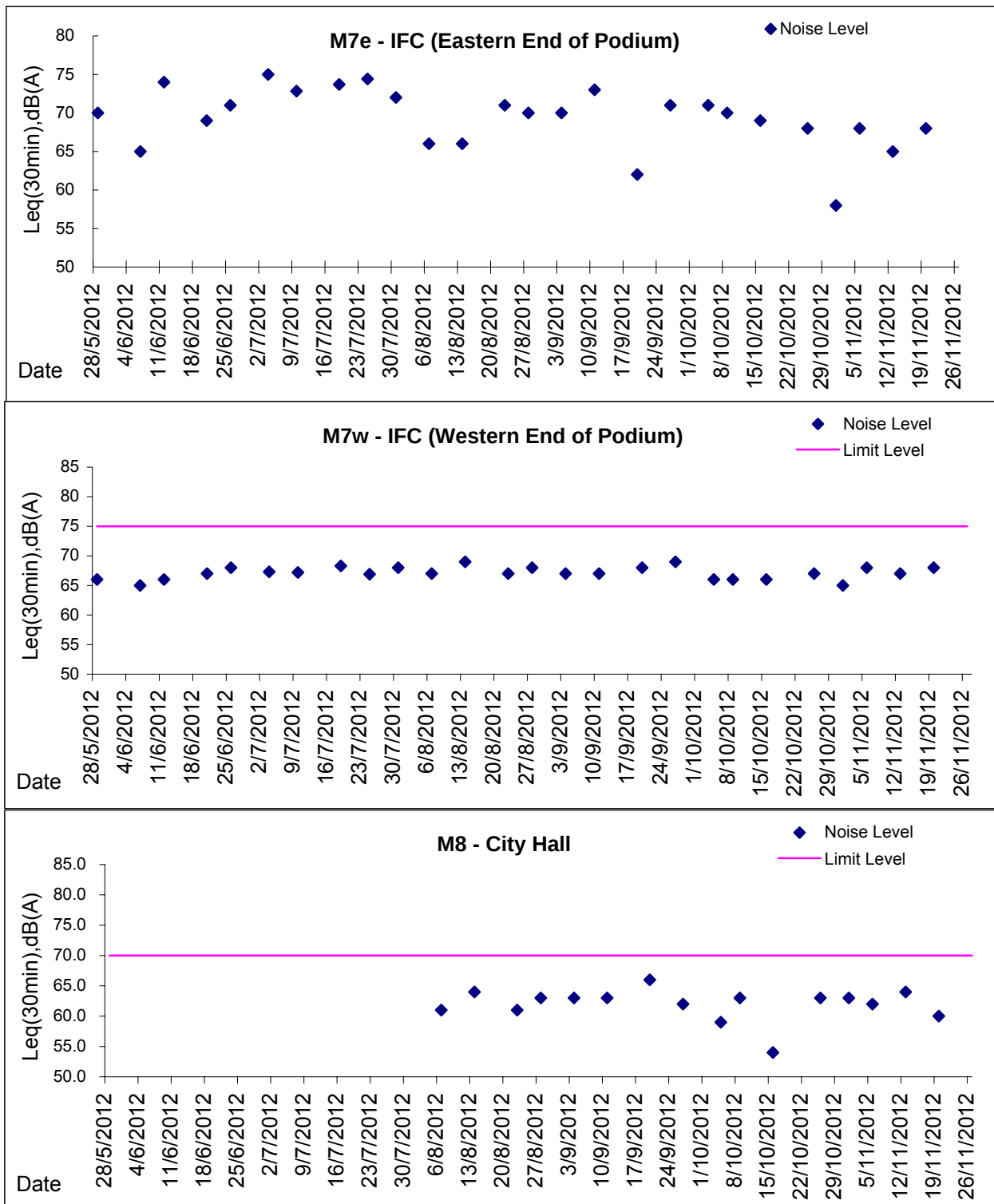


Graphic Presentation of Noise Monitoring Result

Day Time (0700 - 1900hrs on normal weekdays)



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



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



Appendix 5.3

Air Quality Monitoring Results and Graphical Presentations



Location: CMA1b - Oil St Community Liaison Centre

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		
27-Oct-12	8:00	Fine	004085	2.7945	2.9758	1843.14	1867.14	24.00	1.23	1.20	1.22	1757	103
2-Nov-12	8:00	Fine	004061	2.7824	2.9565	1870.14	1894.14	24.00	1.21	1.16	1.19	1714	102
8-Nov-12	8:00	Cloudy	003799	2.7410	2.8778	1897.14	1921.14	24.00	1.14	0.99	1.07	1886	73
14-Nov-12	8:00	Cloudy	003796	2.7428	2.8714	1924.13	1948.13	24.00	1.09	1.00	1.04	1498	86
20-Nov-12	8:00	Cloudy	003817	2.7528	2.9484	1951.13	1975.13	24.00	1.21	1.19	1.20	1728	113
26-Nov-12	8:00	Cloudy	004225	2.6951	2.9927	1978.13	2002.13	24.00	1.19	1.20	1.19	1719	173

Report on 1-hour TSP monitoring

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

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

Date	Sampling Time	Weather Condition	Filter paper no.	Filter Weight, g		Elapse Time, hr		Sampling Time, hr	Flow Rate, m^3/min			Total Volume, m^3	TSP Level, $\mu\text{g}/\text{m}^3$
				Initial	Final	Initial	Final		Initial, Q_{si}	Final, Q_{sf}	Average		
29-Oct-12	14:35	Fine	003953	2.7367	2.7470	1867.13	1868.13	1.00	0.99	0.92	0.96	57	179
29-Oct-12	15:42	Fine	003983	2.7360	2.7557	1868.13	1869.13	1.00	1.28	1.23	1.25	75	262
29-Oct-12	16:50	Fine	003985	2.7566	2.7733	1869.13	1870.13	1.00	1.21	1.21	1.21	72	231
3-Nov-12	8:20	Fine	003808	2.7606	2.7704	1894.14	1895.14	1.00	1.02	1.02	1.02	61	160
3-Nov-12	9:25	Fine	003776	2.7610	2.7758	1895.14	1896.14	1.00	1.26	1.19	1.22	73	202
3-Nov-12	10:30	Fine	003774	2.7600	2.7731	1896.14	1897.15	1.01	1.14	1.11	1.13	68	192
9-Nov-12	8:30	Cloudy	003800	2.7493	2.7598	1921.14	1922.14	1.00	1.23	1.16	1.19	72	147
9-Nov-12	9:35	Cloudy	003798	2.7575	2.7674	1922.14	1923.14	1.00	1.23	1.21	1.22	73	136
9-Nov-12	10:40	Cloudy	003797	2.7669	2.7758	1923.14	1924.14	1.00	1.18	1.13	1.16	70	128
15-Nov-12	8:25	Cloudy	003791	2.7377	2.7474	1948.13	1949.13	1.00	0.95	0.95	0.95	57	170
15-Nov-12	9:30	Cloudy	003813	2.7520	2.7641	1949.13	1950.13	1.00	1.04	0.97	1.01	61	200
15-Nov-12	10:50	Cloudy	003816	2.7574	2.7681	1950.13	1951.13	1.00	0.90	0.90	0.90	54	198
21-Nov-12	10:00	Cloudy	004052	2.8020	2.8125	1975.13	1976.13	1.00	1.23	1.19	1.21	73	145
21-Nov-12	11:05	Cloudy	004228	2.6986	2.7068	1976.13	1977.13	1.00	1.19	1.19	1.19	71	115
21-Nov-12	13:00	Cloudy	004227	2.7000	2.7100	1977.13	1978.13	1.00	1.16	1.14	1.15	69	145
27-Nov-12	8:05	Rainy	004041	2.8059	2.8182	2002.13	2003.13	1.00	1.20	1.20	1.20	72	171
27-Nov-12	9:12	Rainy	004043	2.8116	2.8236	2003.13	2004.13	1.00	1.20	1.20	1.20	72	167
27-Nov-12	10:15	Rainy	004039	2.8013	2.8131	2004.13	2005.13	1.00	1.20	1.20	1.20	72	164

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		
27-Oct-12	8:00	Fine	004086	2.8095	2.9553	11558.00	11582.00	24.00	1.50	1.50	1.50	2160	68
2-Nov-12	8:00	Fine	004062	2.8032	2.9959	11585.00	11609.00	24.00	1.51	1.51	1.51	2174	89
9-Nov-12	13:00	Cloudy	003795	2.7399	2.8399	11635.68	11659.68	24.00	1.39	1.37	1.38	1987	50
15-Nov-12	13:10	Cloudy	003818	2.7380	2.9763	11669.05	11693.05	24.00	1.42	1.49	1.45	2088	114
20-Nov-12	8:00	Cloudy	003779	2.7641	2.9597	11693.05	11717.05	24.00	1.49	1.49	1.49	2146	91
26-Nov-12	8:00	Cloudy	004221	2.7243	2.8425	11720.04	11744.04	24.00	1.51	1.52	1.52	2184	54

*Due to lack of electricity supply, the 24hr-TSP was rescheduled from 8 Nov 2012 to 9 Nov 2012 and from 14 Nov 2012 to 15 Nov 2012.

Report on 1-hour TSP monitoring
Action Level ($\mu\text{g}/\text{m}^3$) - 323.4
Limit Level ($\mu\text{g}/\text{m}^3$) - 500

Date	Sampling Time	Weather Condition	Filter paper no.	Filter Weight, g		Elapse Time, hr		Sampling Time, hr	Flow Rate, m^3/min			Total Volume, m^3	TSP Level, $\mu\text{g}/\text{m}^3$
				Initial	Final	Initial	Final		Initial, Q_{si}	Final, Q_{sf}	Average		
29-Oct-12	14:45	Fine	003952	2.7305	2.7540	11582.00	11583.00	1.00	1.66	1.61	1.64	98	239
29-Oct-12	15:50	Fine	003984	2.7367	2.7616	11583.00	11584.00	1.00	1.48	1.48	1.48	89	280
29-Oct-12	16:55	Fine	003986	2.7484	2.7698	11584.00	11585.00	1.00	1.48	1.48	1.48	89	241
3-Nov-12	8:10	Fine	003809	2.7499	2.7563	11609.00	11610.00	1.00	1.31	1.28	1.30	78	82
3-Nov-12	9:15	Fine	003778	2.7668	2.7759	11610.00	11611.00	1.00	1.46	1.46	1.46	88	104
3-Nov-12	10:20	Fine	003775	2.7663	2.7738	11611.00	11612.00	1.00	1.06	1.33	1.20	72	105
9-Nov-12	8:15	Cloudy	003789	2.7372	2.7436	11632.68	11633.68	1.00	1.42	1.46	1.44	86	74
9-Nov-12	9:20	Cloudy	003772	2.7718	2.7784	11633.68	11634.68	1.00	1.46	1.46	1.46	88	75
9-Nov-12	10:25	Cloudy	003771	2.7657	2.7732	11634.68	11635.68	1.00	1.46	1.46	1.46	88	86
15-Nov-12	8:15	Cloudy	003792	2.7546	2.7683	11666.05	11667.05	1.00	1.46	1.46	1.46	88	156
15-Nov-12	9:20	Cloudy	003810	2.7563	2.7648	11667.05	11668.05	1.00	1.37	1.37	1.37	82	103
15-Nov-12	10:40	Cloudy	003815	2.7582	2.7708	11668.05	11669.05	1.00	1.51	1.42	1.46	88	143
21-Nov-12	10:30	Cloudy	004038	2.8205	2.8321	11717.05	11718.05	1.00	1.55	1.53	1.54	92	125
21-Nov-12	13:30	Cloudy	004222	2.7306	2.7394	11718.05	11719.05	1.00	1.46	1.51	1.49	89	99
21-Nov-12	14:35	Cloudy	004226	2.7190	2.7400	11719.05	11720.04	0.99	1.42	1.37	1.40	83	253
27-Nov-12	8:06	Rainy	004046	2.7808	2.7899	11744.04	11745.04	1.00	1.52	1.52	1.52	91	100
27-Nov-12	9:10	Rainy	004056	2.8125	2.8226	11745.04	11746.04	1.00	1.52	1.52	1.52	91	111
27-Nov-12	10:14	Rainy	004040	2.8036	2.8136	11746.04	11747.04	1.00	1.52	1.52	1.52	91	110



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		
27-Oct-12	8:00	Fine	003963	2.7340	2.9967	12319.18	12343.18	24.00	1.52	1.57	1.54	2218	118
2-Nov-12	8:00	Fine	003956	2.7466	3.0557	12346.88	12370.88	24.00	1.55	1.52	1.54	2218	139
8-Nov-12	8:00	Cloudy	004070	2.8169	3.1940	12373.88	12397.88	24.00	1.62	1.57	1.59	2290	165
14-Nov-12	8:06	Cloudy	004025	2.8190	3.1738	12400.88	12424.88	24.00	1.64	1.64	1.64	2290	155
20-Nov-12	8:00	Cloudy	004101	2.8030	3.1721	12427.88	12451.88	24.00	1.55	1.55	1.55	2232	165
26-Nov-12	8:00	Cloudy	004047	2.7947	2.9937	12454.87	12478.87	24.00	1.65	1.66	1.65	2382	84

Report on 1-hour TSP monitoring
Action Level ($\mu\text{g}/\text{m}^3$) - 311.3
Limit Level ($\mu\text{g}/\text{m}^3$) - 500

Date	Sampling Time	Weather Condition	Filter paper no.	Filter Weight, g		Elapse Time, hr		Sampling Time, hr	Flow Rate, m^3/min			Total Volume, m^3	TSP Level, $\mu\text{g}/\text{m}^3$
				Initial	Final	Initial	Final		Initial, Q_{si}	Final, Q_{sf}	Average		
29-Oct-12	8:10	Fine	003958	2.7422	2.7666	12343.18	12344.18	1.00	1.59	1.54	1.57	94	259
29-Oct-12	9:15	Fine	003954	2.7192	2.7439	12344.18	12345.18	1.00	1.54	1.50	1.52	91	271
29-Oct-12	10:20	Fine	003981	2.7549	2.7803	12345.18	12346.18	1.00	1.54	1.54	1.54	93	274
3-Nov-12	8:22	Fine	004063	2.7914	2.8122	12370.88	12371.88	1.00	1.64	1.64	1.64	99	211
3-Nov-12	9:28	Fine	004065	2.8038	2.8244	12371.88	12372.88	1.00	1.60	1.57	1.58	95	217
3-Nov-12	10:32	Fine	004067	2.8231	2.8464	12372.88	12373.88	1.00	1.57	1.57	1.57	94	247
9-Nov-12	8:05	Cloudy	004008	2.7597	2.7803	12397.88	12398.88	1.00	1.45	1.45	1.45	87	237
9-Nov-12	9:09	Cloudy	004021	2.7903	2.8002	12398.88	12399.88	1.00	1.45	1.45	1.45	87	114
9-Nov-12	10:15	Cloudy	004023	2.8053	2.8294	12399.88	12400.88	1.00	1.45	1.45	1.45	87	277
15-Nov-12	8:10	Cloudy	004096	2.7983	2.8239	12424.88	12425.88	1.00	1.62	1.57	1.60	96	267
15-Nov-12	9:20	Cloudy	004098	2.7726	2.7988	12425.88	12426.88	1.00	1.55	1.55	1.55	93	282
15-Nov-12	10:25	Cloudy	004099	2.7943	2.8189	12426.88	12427.88	1.00	1.55	1.55	1.55	93	265
21-Nov-12	8:04	Cloudy	004050	2.7882	2.8133	12451.88	12452.88	1.00	1.64	1.67	1.66	99	253
21-Nov-12	9:10	Cloudy	004051	2.8032	2.8260	12452.88	12453.88	1.00	1.69	1.64	1.67	100	228
21-Nov-12	10:15	Cloudy	004055	2.7882	2.8110	12453.88	12454.88	1.00	1.62	1.60	1.61	96	236
27-Nov-12	13:00	Rainy	003806	2.7443	2.7603	12478.82	12479.82	1.00	1.51	1.51	1.51	91	176
27-Nov-12	14:20	Rainy	003787	2.7345	2.7513	12479.82	12480.82	1.00	1.51	1.51	1.51	91	185
27-Nov-12	15:25	Rainy	003763	2.7537	2.7718	12480.82	12481.82	1.00	1.51	1.51	1.51	91	200



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		
27-Oct-12	8:00	Fine	003964	2.7313	2.9014	15756.21	15780.21	24.00	1.39	1.34	1.37	1973	86
2-Nov-12	8:00	Fine	003957	2.7360	2.9528	15783.21	15807.21	24.00	1.37	1.32	1.35	1944	112
8-Nov-12	8:00	Cloudy	004069	2.8012	3.0269	15810.21	15834.21	24.00	1.35	1.32	1.33	1915	118
14-Nov-12	8:00	Cloudy	004024	2.8105	3.0884	15837.21	15861.21	24.00	1.28	1.28	1.28	1843	151
20-Nov-12	8:00	Cloudy	004100	2.7904	3.0346	15864.21	15888.21	24.00	1.25	1.23	1.24	1786	137
26-Nov-12	8:00	Cloudy	004053	2.8246	2.9298	15891.21	15915.21	24.00	1.33	1.34	1.33	1919	55

Report on 1-hour TSP monitoring

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

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

Date	Sampling Time	Weather Condition	Filter paper no.	Filter Weight, g		Elapse Time, hr		Sampling Time, hr	Flow Rate, m^3/min			Total Volume, m^3	TSP Level, $\mu\text{g}/\text{m}^3$
				Initial	Final	Initial	Final		Initial, Q_{si}	Final, Q_{sf}	Average		
29-Oct-12	8:03	Fine	003959	2.7421	2.7613	15780.21	15781.21	1.00	1.51	1.44	1.47	88	217
29-Oct-12	9:06	Fine	003955	2.7209	2.7392	15781.21	15782.21	1.00	1.37	1.37	1.37	82	223
29-Oct-12	10:11	Fine	003982	2.7451	2.7634	15782.21	15783.21	1.00	1.37	1.34	1.35	81	225
3-Nov-12	8:34	Fine	004064	2.7744	2.7922	15807.21	15808.21	1.00	1.35	1.32	1.34	80	222
3-Nov-12	9:40	Fine	004066	2.8013	2.8132	15808.21	15809.21	1.00	1.32	1.32	1.32	79	150
3-Nov-12	10:42	Fine	004068	2.7970	2.8085	15809.21	15810.21	1.00	1.32	1.32	1.32	79	145
9-Nov-12	8:03	Cloudy	004019	2.8126	2.8210	15834.21	15835.21	1.00	1.32	1.30	1.31	78	107
9-Nov-12	9:05	Cloudy	004020	2.8299	2.8353	15835.21	15836.21	1.00	1.06	1.01	1.03	62	87
9-Nov-12	10:10	Cloudy	004022	2.8026	2.8121	15836.21	15837.21	1.00	1.30	1.27	1.28	77	123
15-Nov-12	8:02	Cloudy	004095	2.7966	2.8128	15861.21	15862.21	1.00	1.32	1.32	1.32	79	204
15-Nov-12	9:08	Cloudy	004097	2.8006	2.8214	15862.21	15863.21	1.00	1.32	1.32	1.32	79	262
15-Nov-12	10:45	Cloudy	004109	2.7810	2.8030	15863.21	15864.21	1.00	1.32	1.32	1.32	79	277
21-Nov-12	8:05	Cloudy	004054	2.7829	2.7982	15888.21	15889.21	1.00	1.32	1.32	1.32	79	193
21-Nov-12	9:10	Cloudy	004049	2.7928	2.8065	15889.21	15890.21	1.00	1.32	1.32	1.32	79	172
21-Nov-12	10:14	Cloudy	004048	2.7707	2.7822	15890.21	15891.21	1.00	1.18	1.16	1.17	70	164
27-Nov-12	13:20	Rainy	003807	2.7441	2.7517	15915.21	15916.20	0.99	1.24	1.24	1.24	74	103
27-Nov-12	14:30	Rainy	003788	2.7392	2.7454	15916.20	15917.20	1.00	1.48	1.48	1.48	89	70
27-Nov-12	15:35	Rainy	003760	2.7390	2.7511	15917.20	15918.20	1.00	1.29	1.29	1.29	77	157



Location: CMA5a - Children Garden opposite to Pedestrian Plaza

Report on 24-hour TSP monitoring

Action Level ($\mu\text{g}/\text{m}^3$) - 181
Limit Level ($\mu\text{g}/\text{m}^3$) - 260

Date	Sampling Time	Weather Condition	Filter paper no.	Filter Weight, g		Elapse Time, hr		Sampling Time, hr	Flow Rate, m^3/min			Total Volume, m^3	TSP Level, $\mu\text{g}/\text{m}^3$
				Initial	Final	Initial	Final		Initial, Q_{si}	Final, Q_{sf}	Average		
27-Oct-12	8:00	Fine	003460	2.7937	2.9657	16765.51	16789.51	24.00	1.48	1.48	1.48	2131	81
2-Nov-12	8:00	Fine	003835	2.6907	2.8478	16771.51	16795.51	24.00	1.65	1.57	1.61	2318	68
9-Nov-12	14:15	Cloudy	003794	2.7415	2.9216	16805.74	16829.74	24.00	1.48	1.45	1.47	2117	85
14-Nov-12	8:00	Cloudy	004304	2.6881	2.9660	16830.74	16854.74	24.00	1.48	1.49	1.49	2146	130
20-Nov-12	8:00	Cloudy	004013	2.7497	3.0232	16857.74	16881.74	24.00	1.52	1.51	1.51	2174	126
26-Nov-12	8:00	Cloudy	003819	2.7000	2.9510	16884.74	16908.74	24.00	1.44	1.44	1.44	2075	121

*Due to lack of electricity supply, the 24hr -TSP was rescheduled from 8 Nov 2012 to 9 Nov 2012.

Report on 1-hour TSP monitoring

Action Level ($\mu\text{g}/\text{m}^3$) - 332
Limit Level ($\mu\text{g}/\text{m}^3$) - 500

Date	Sampling Time	Weather Condition	Filter paper no.	Filter Weight, g		Elapse Time, hr		Sampling Time, hr	Flow Rate, m^3/min			Total Volume, m^3	TSP Level, $\mu\text{g}/\text{m}^3$
				Initial	Final	Initial	Final		Initial, Q_{si}	Final, Q_{sf}	Average		
29-Oct-12	8:11	Fine	003829	2.7344	2.7447	16768.51	16769.51	1.00	1.20	1.20	1.20	72	143
29-Oct-12	9:30	Fine	003831	2.7183	2.7304	16770.51	16771.51	1.00	1.26	1.20	1.23	74	164
29-Oct-12	10:33	Fine	003833	2.6986	2.7106	16769.51	16770.51	1.00	1.31	1.31	1.31	79	152
3-Nov-12	8:10	Fine	004017	2.8213	2.8344	16795.51	16796.51	1.00	1.48	1.48	1.48	89	147
3-Nov-12	9:12	Fine	004010	2.7423	2.7557	16797.51	16798.51	1.00	1.48	1.48	1.48	89	151
3-Nov-12	10:20	Fine	004018	2.8231	2.8326	16796.51	16797.51	1.00	1.46	1.45	1.46	87	109
9-Nov-12	8:21	Cloudy	004089	2.8268	2.8348	16802.30	16803.30	1.00	1.29	1.29	1.29	77	104
9-Nov-12	9:24	Cloudy	003238	2.7842	2.7960	16804.30	16805.30	1.00	1.31	1.31	1.31	79	150
9-Nov-12	13:00	Cloudy	004094	2.8092	2.8202	16803.30	16804.30	1.00	1.42	1.45	1.44	86	127
15-Nov-12	8:10	Cloudy	004027	2.8066	2.8237	16854.74	16855.74	1.00	1.46	1.46	1.46	87	195
15-Nov-12	9:15	Cloudy	004029	2.7968	2.8163	16856.74	16857.74	1.00	1.46	1.46	1.46	87	223
15-Nov-12	10:20	Cloudy	003991	2.7560	2.7775	16855.74	16856.74	1.00	1.46	1.46	1.46	87	246
21-Nov-12	8:30	Cloudy	004103	2.7998	2.8130	16881.74	16882.74	1.00	1.46	1.46	1.46	87	151
21-Nov-12	13:00	Cloudy	004306	2.6983	2.7089	16883.74	16884.74	1.00	1.32	1.32	1.32	79	134
21-Nov-12	14:10	Cloudy	003751	2.7425	2.7513	16882.74	16883.74	1.00	1.15	1.09	1.12	67	131
27-Nov-12	8:25	Rainy	003801	2.7386	2.7558	16908.74	16909.74	1.00	1.22	1.22	1.22	73	235
27-Nov-12	9:30	Rainy	003802	2.7412	2.7522	16909.74	16910.74	1.00	1.50	1.50	1.50	90	122
27-Nov-12	10:40	Rainy	003762	2.7542	2.7653	16910.74	16911.74	1.00	1.33	1.33	1.33	80	139



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-Oct-12	11:30	Fine	004113	2.8181	3.0880	9426.34	9450.34	24.00	1.26	1.26	1.26	1800	150
2-Nov-12	8:00	Fine	003811	2.7433	2.8629	9450.35	9474.35	24.00	1.35	1.42	1.38	1987	60
8-Nov-12	8:00	Cloudy	003915	2.7290	2.9238	9477.35	9501.35	24.00	1.28	1.28	1.28	1843	106
14-Nov-12	8:00	Cloudy	004091	2.8164	3.0320	9504.35	9528.35	24.00	1.30	1.30	1.30	1872	115
20-Nov-12	8:00	Cloudy	004257	2.6970	2.8920	9531.35	9555.35	24.00	1.35	1.28	1.32	1901	103
26-Nov-12	8:00	Cloudy	003752	2.7403	2.8237	9558.35	9582.34	23.99	1.26	1.27	1.27	1824	46

*Due to lack of electricity supply, the 24 hr-TSP was rescheduled from 27 Oct 2012 to 29 Oct 2012

Report on 1-hour TSP monitoring
Action Level ($\mu\text{g}/\text{m}^3$) - 325.1
Limit Level ($\mu\text{g}/\text{m}^3$) - 500

Date	Sampling Time	Weather Condition	Filter paper no.	Filter Weight, g		Elapse Time, hr		Sampling Time, hr	Flow Rate, m^3/min			Total Volume, m^3	TSP Level, $\mu\text{g}/\text{m}^3$
				Initial	Final	Initial	Final		Initial, Q_{si}	Final, Q_{sf}	Average		
29-Oct-12	8:00	Fine	003814	2.7432	2.7631	9423.34	9424.34	1.00	1.26	1.26	1.26	75	264
29-Oct-12	9:05	Fine	003930	2.7220	2.7334	9424.34	9425.34	1.00	1.26	1.26	1.26	75	151
29-Oct-12	10:10	Fine	004112	2.7912	2.8015	9425.34	9426.34	1.00	1.26	1.26	1.26	75	137
3-Nov-12	8:40	Fine	003926	2.7185	2.7280	9474.35	9475.35	1.00	1.30	1.28	1.29	78	122
3-Nov-12	9:43	Fine	003925	2.7213	2.7297	9475.35	9476.35	1.00	1.28	1.26	1.27	76	110
3-Nov-12	10:45	Fine	003923	2.7157	2.7251	9476.35	9477.35	1.00	1.28	1.28	1.28	77	122
9-Nov-12	8:20	Cloudy	004111	2.7911	2.7979	9501.35	9502.35	1.00	1.21	1.21	1.21	73	94
9-Nov-12	9:25	Cloudy	004093	2.8074	2.8155	9502.35	9503.35	1.00	1.28	1.28	1.28	77	106
9-Nov-12	10:30	Cloudy	003916	2.7124	2.7210	9503.35	9504.35	1.00	1.28	1.28	1.28	77	112
15-Nov-12	8:10	Cloudy	003971	2.7599	2.7746	9528.35	9529.35	1.00	1.28	1.28	1.28	77	191
15-Nov-12	9:20	Cloudy	003974	2.7352	2.7506	9529.35	9530.35	1.00	1.28	1.28	1.28	77	200
15-Nov-12	10:25	Cloudy	004255	2.7192	2.7357	9530.35	9531.35	1.00	1.28	1.28	1.28	77	214
21-Nov-12	8:10	Cloudy	003759	2.7403	2.7508	9555.35	9556.35	1.00	1.26	1.26	1.26	76	139
21-Nov-12	9:20	Cloudy	003757	2.7559	2.7633	9556.35	9557.35	1.00	1.21	1.17	1.19	72	103
21-Nov-12	10:25	Cloudy	003753	2.7527	2.7572	9557.35	9558.35	1.00	1.10	1.08	1.09	65	69
27-Nov-12	8:35	Rainy	004254	2.7237	2.7349	12700.59	12701.59	1.00	1.38	1.38	1.38	83	135
27-Nov-12	9:38	Rainy	004251	2.7098	2.7166	12701.59	12702.59	1.00	1.38	1.38	1.38	83	82
27-Nov-12	10:45	Rainy	004250	2.6937	2.7015	12702.59	12703.59	1.00	1.36	1.36	1.36	82	96



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-Oct-12	11:30	Fine	003927	2.7259	3.0606	12544.59	12568.59	24.00	1.37	1.37	1.37	1973	170
2-Nov-12	8:00	Fine	004114	2.8183	3.0058	12568.59	12592.59	24.00	1.37	1.35	1.36	1958	96
8-Nov-12	8:00	Cloudy	003922	2.7216	2.9295	12595.59	12619.59	24.00	1.39	1.37	1.38	1987	105
14-Nov-12	8:00	Cloudy	003918	2.7222	2.9690	12622.59	12646.59	24.00	1.39	1.33	1.36	1958	126
20-Nov-12	8:00	Cloudy	004258	2.7090	2.9269	12649.59	12673.59	24.00	1.39	1.37	1.38	1987	110
26-Nov-12	8:00	Cloudy	003753	2.7364	2.7949	12676.59	12700.59	24.00	1.15	1.11	1.13	1958	30

*Due to lack of electricity supply, the 24 hr-TSP was rescheduled from 27 Oct 2012 to 29 Oct 2012

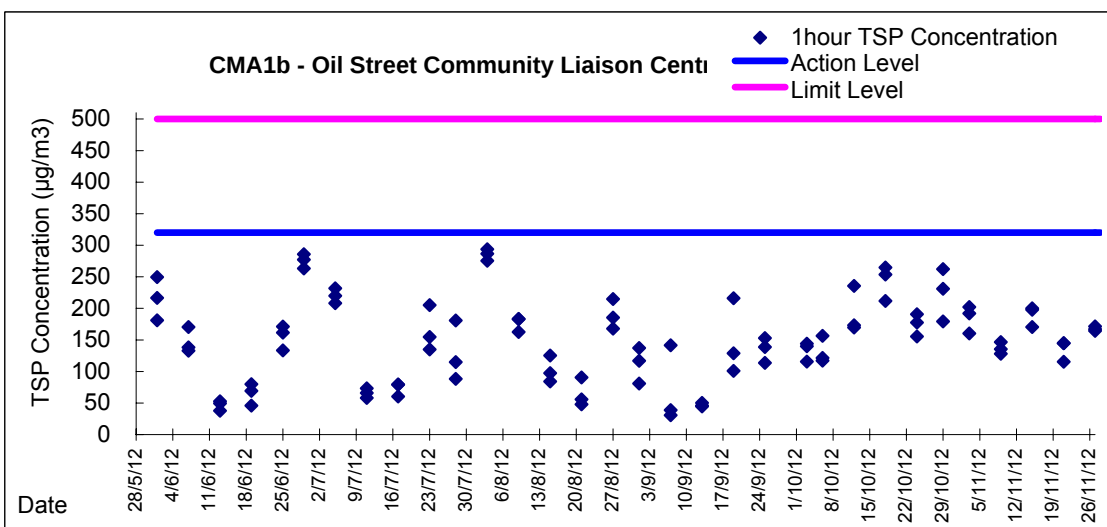
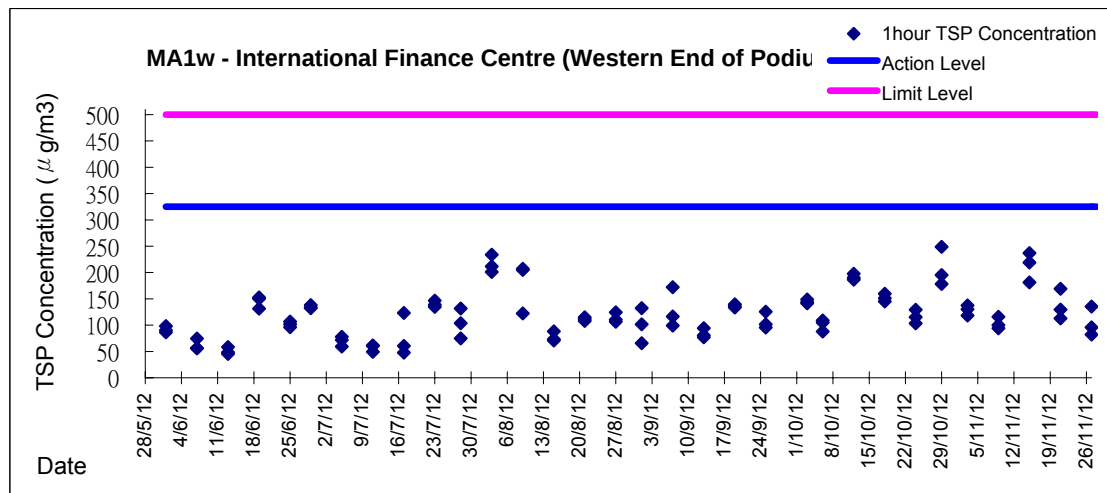
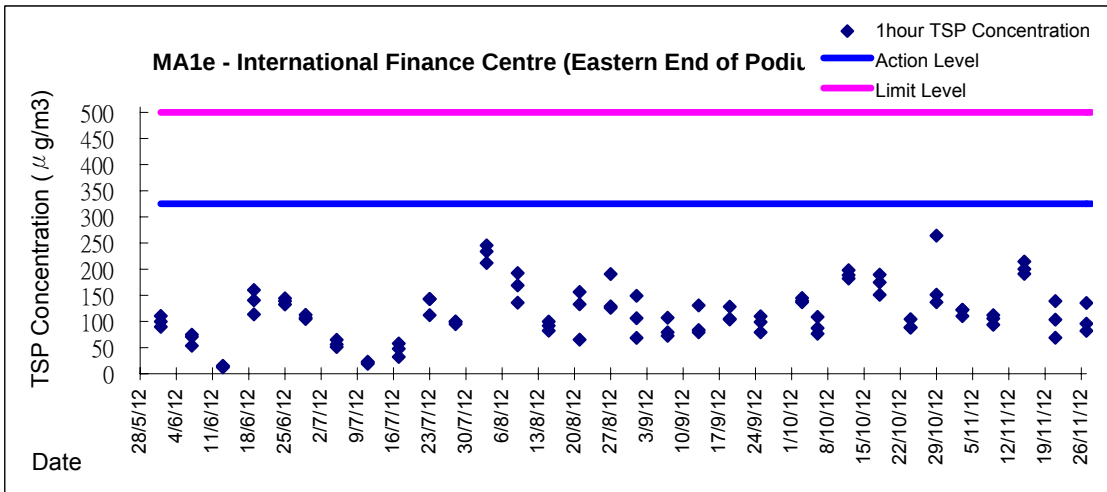
Report on 1-hour TSP monitoring

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

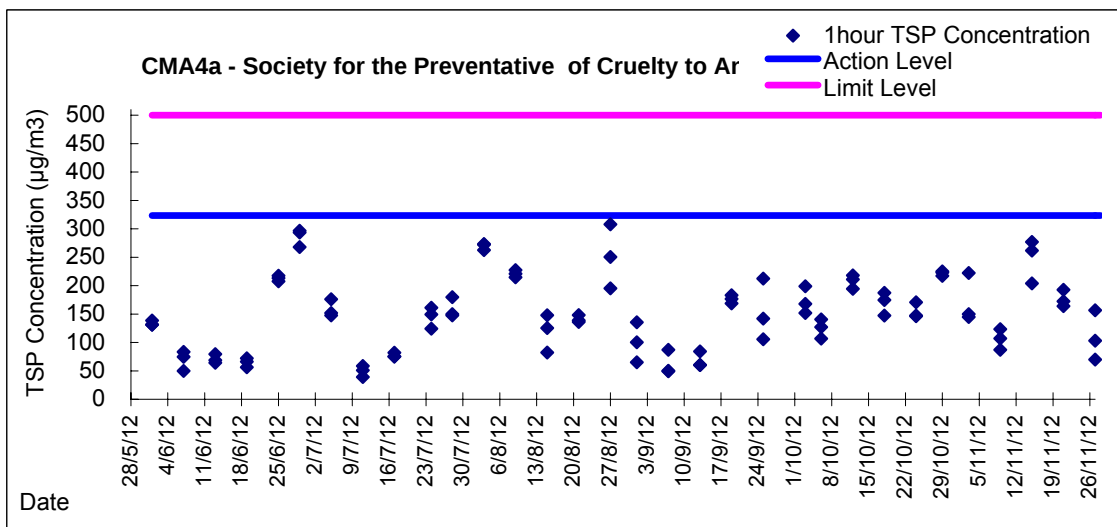
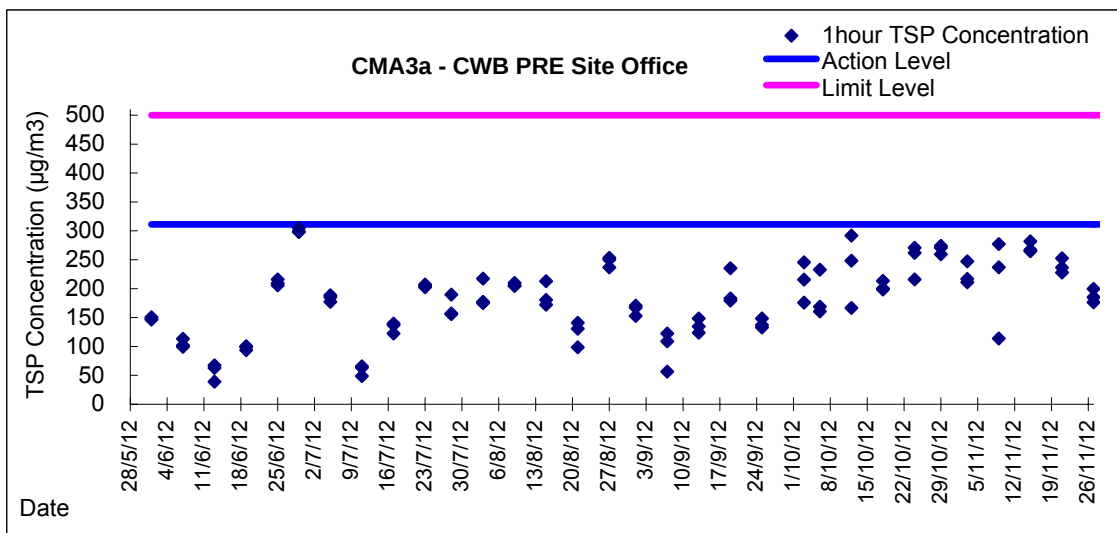
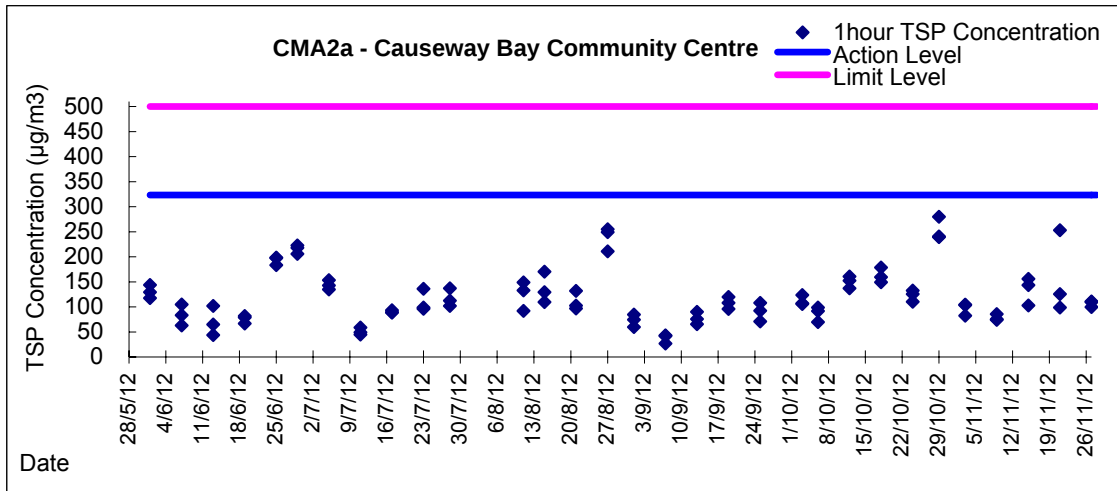
Limit Level ($\mu\text{g}/\text{m}^3$) - 500

Date	Sampling Time	Weather Condition	Filter paper no.	Filter Weight, g		Elapse Time, hr		Sampling Time, hr	Flow Rate, m^3/min			Total Volume, m^3	TSP Level, $\mu\text{g}/\text{m}^3$
				Initial	Final	Initial	Final		Initial, Q_{si}	Final, Q_{sf}	Average		
29-Oct-12	8:00	Fine	003827	2.7255	2.7456	12541.58	12542.58	1.00	1.35	1.35	1.35	81	249
29-Oct-12	9:10	Fine	003929	2.7206	2.7351	12542.58	12543.58	1.00	1.37	1.35	1.36	81	178
29-Oct-12	10:20	Fine	003928	2.7188	2.7347	12543.58	12544.58	1.00	1.37	1.35	1.36	81	195
3-Nov-12	8:45	Fine	004115	2.8306	2.8404	12592.59	12593.59	1.00	1.39	1.37	1.38	83	118
3-Nov-12	9:48	Fine	003924	2.7217	2.7324	12593.59	12594.59	1.00	1.37	1.37	1.37	82	130
3-Nov-12	10:50	Fine	004090	2.8090	2.8203	12594.59	12595.59	1.00	1.37	1.37	1.37	82	138
9-Nov-12	8:30	Cloudy	004110	2.7798	2.7880	12619.59	12620.59	1.00	1.37	1.37	1.37	82	100
9-Nov-12	9:33	Cloudy	004092	2.8168	2.8245	12620.59	12621.59	1.00	1.37	1.37	1.37	82	94
9-Nov-12	10:35	Cloudy	003917	2.7012	2.7107	12621.59	12622.59	1.00	1.37	1.37	1.37	82	116
15-Nov-12	8:22	Cloudy	003973	2.7378	2.7528	12646.59	12647.59	1.00	1.39	1.37	1.38	83	181
15-Nov-12	9:25	Cloudy	003976	2.7574	2.7754	12647.59	12648.59	1.00	1.37	1.37	1.37	82	219
15-Nov-12	10:30	Cloudy	004256	2.7153	2.7352	12648.59	12649.59	1.00	1.41	1.39	1.40	84	237
21-Nov-12	8:15	Cloudy	003758	2.7392	2.7532	12673.59	12674.59	1.00	1.41	1.35	1.38	83	169
21-Nov-12	9:25	Cloudy	003756	2.7508	2.7598	12674.59	12675.59	1.00	1.33	1.33	1.33	80	113
21-Nov-12	10:30	Cloudy	003754	2.7526	2.7631	12675.59	12676.59	1.00	1.35	1.35	1.35	81	130
27-Nov-12	8:35	Rainy	004254	2.7237	2.7349	12700.59	12701.59	1.00	1.38	1.38	1.38	83	135
27-Nov-12	9:40	Rainy	004251	2.7098	2.7166	12701.59	12702.59	1.00	1.38	1.38	1.38	83	82
27-Nov-12	10:45	Rainy	004250	2.6937	2.7015	12702.59	12703.59	1.00	1.36	1.36	1.36	82	96

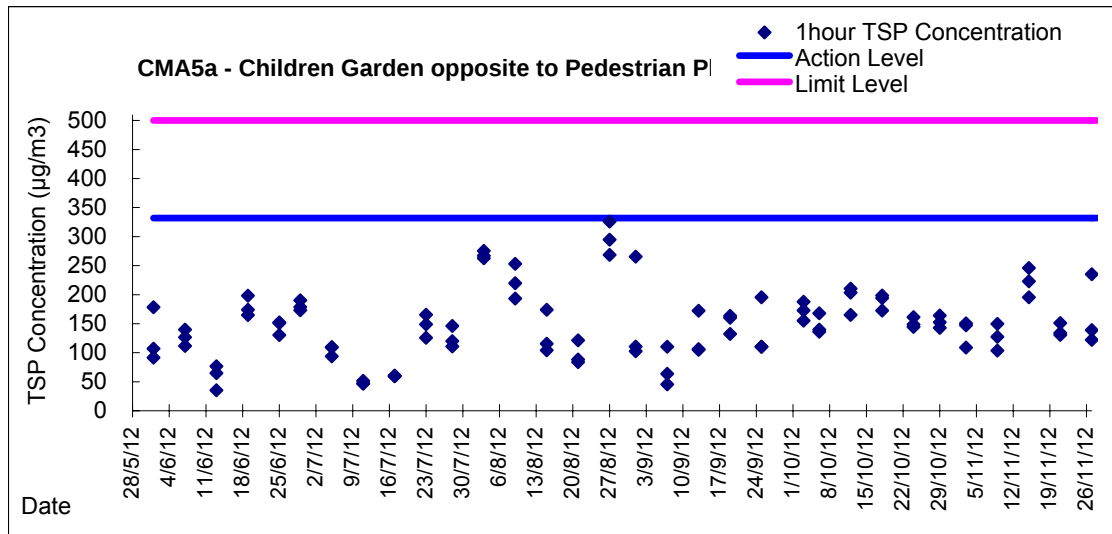
Graphic Presentation of 1 hour TSP Result



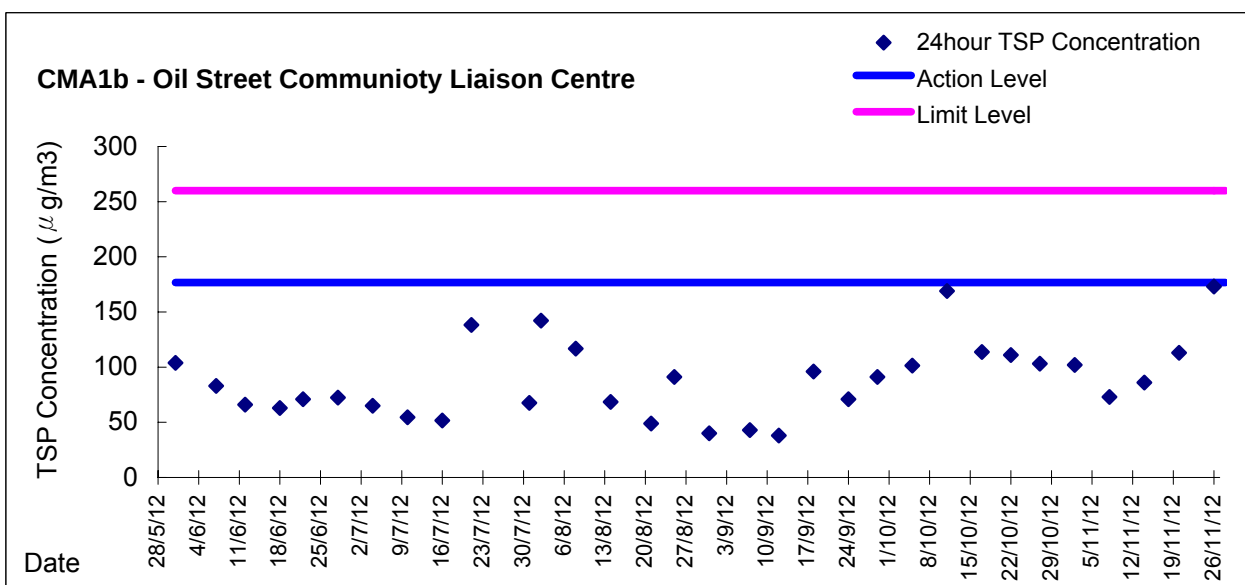
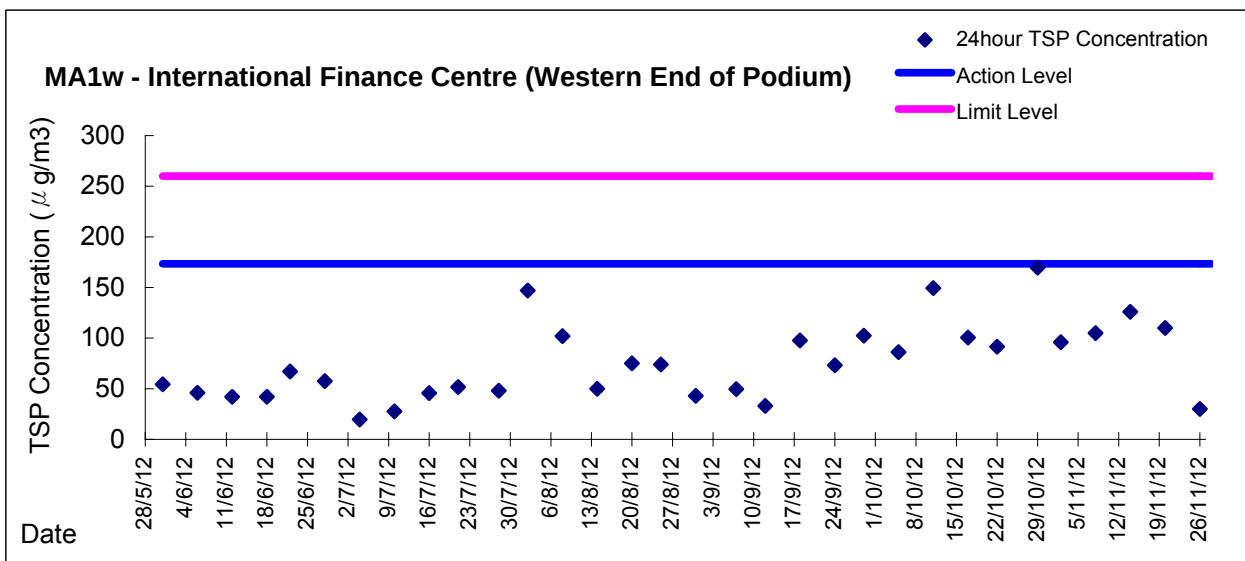
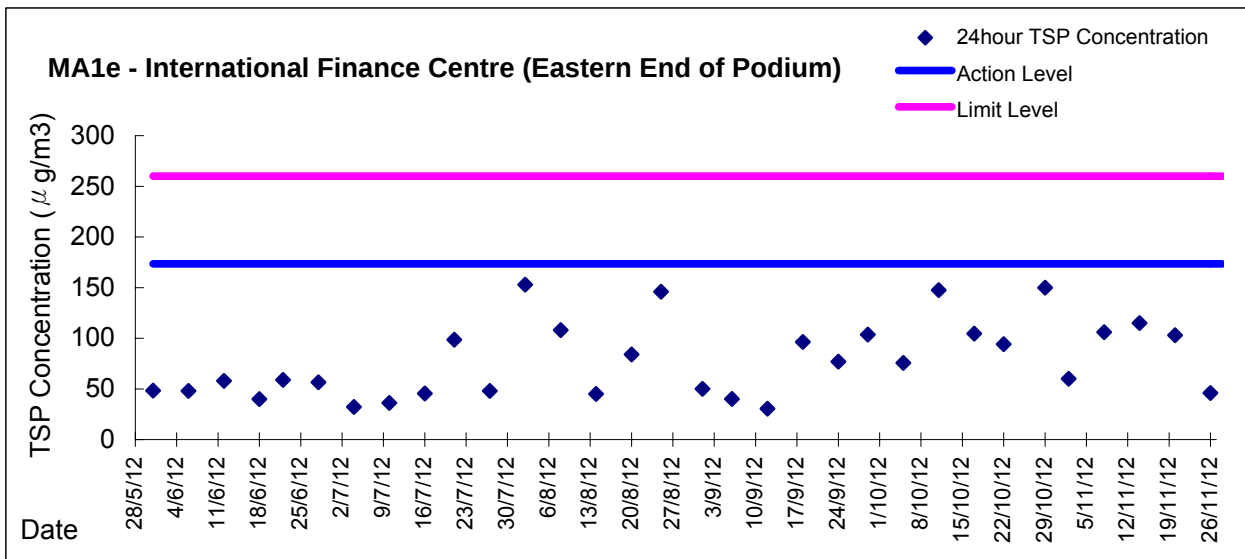
Graphic Presentation of 1 hour TSP Result



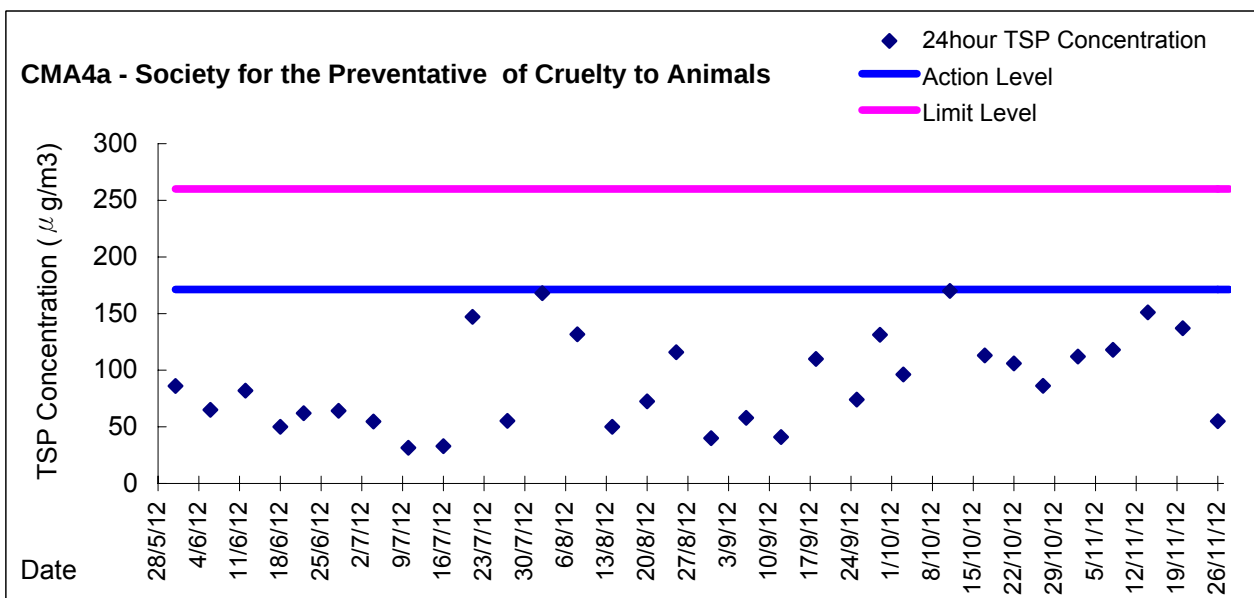
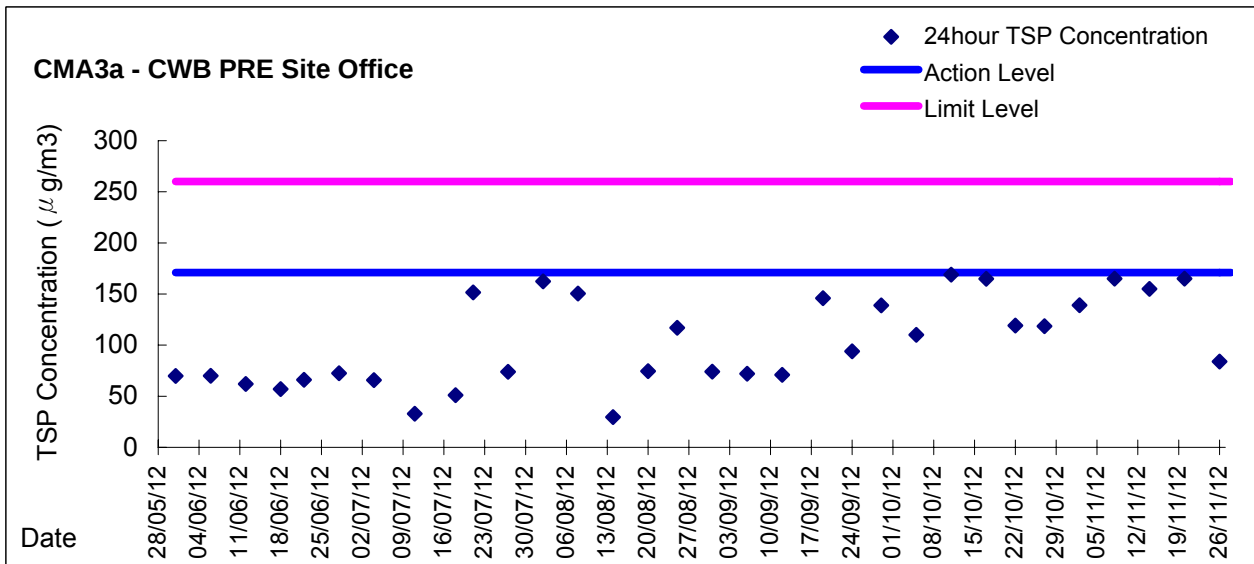
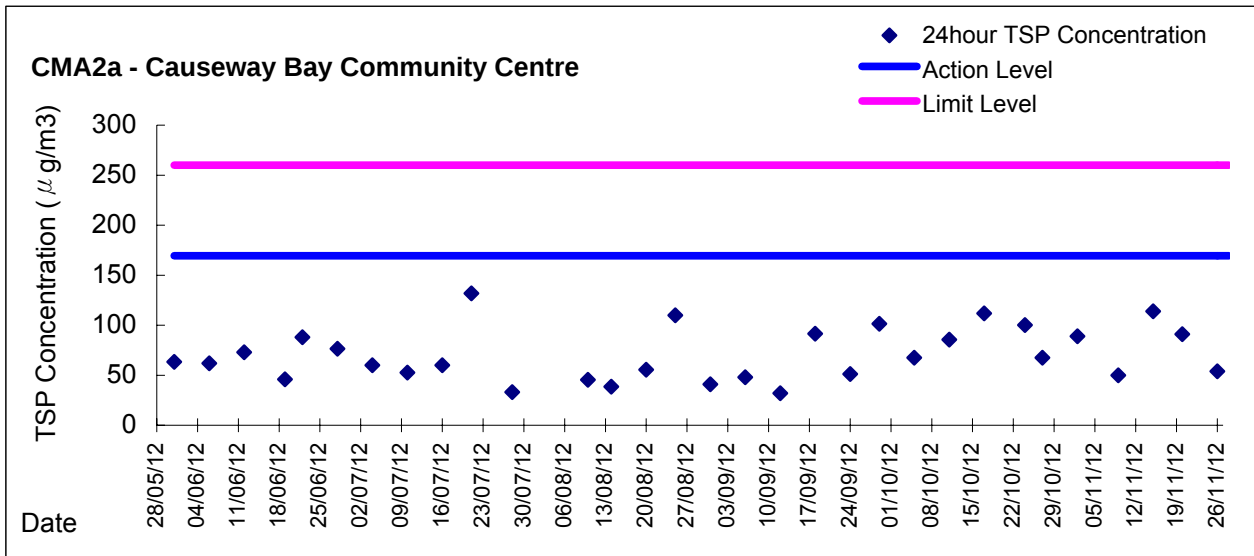
Graphic Presentation of 1 hour TSP Result



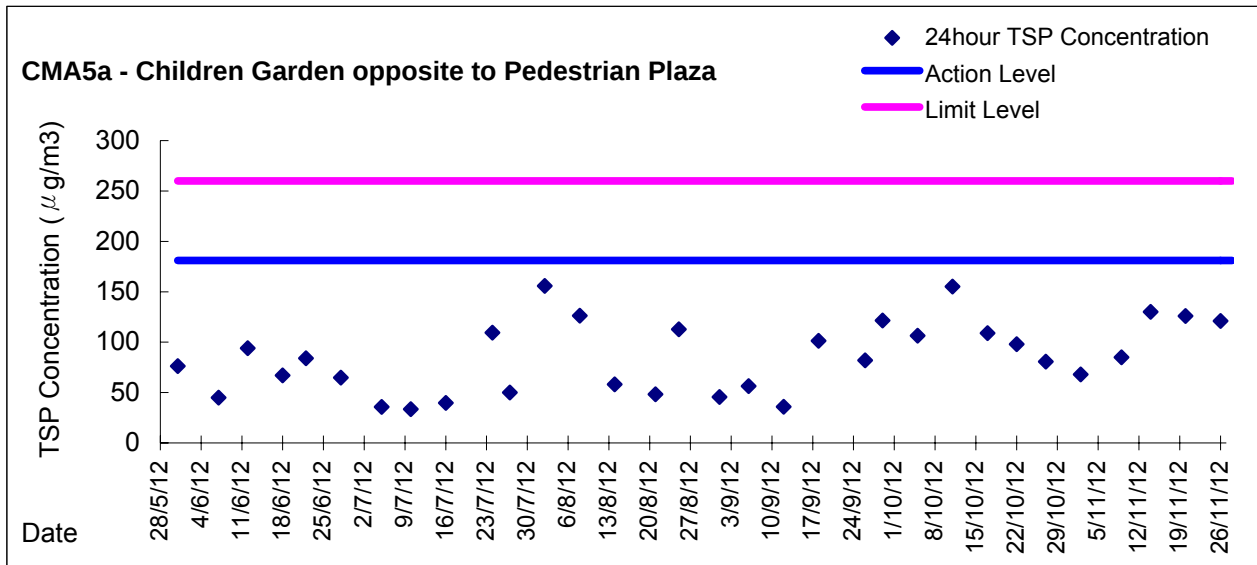
Graphic Presentation of 24 hour TSP Result



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							
29/10/2012 7:01	63.2	2/11/2012 12:31	65.2	8/11/2012 8:01	67.1	13/11/2012 13:31	67.6
29/10/2012 7:31	67.0	2/11/2012 13:01	67.5	8/11/2012 8:31	67.2	13/11/2012 14:01	67.4
29/10/2012 8:01	68.0	2/11/2012 13:31	67.3	8/11/2012 9:01	67.6	13/11/2012 14:31	67.2
29/10/2012 8:31	67.0	2/11/2012 14:01	67.3	8/11/2012 9:31	69.0	13/11/2012 15:01	67.0
29/10/2012 9:01	67.6	2/11/2012 14:31	67.2	8/11/2012 10:01	70.0	13/11/2012 15:31	66.2
29/10/2012 9:31	67.0	2/11/2012 15:01	67.5	8/11/2012 10:31	70.1	13/11/2012 16:01	66.8
29/10/2012 10:01	67.6	2/11/2012 15:31	66.9	8/11/2012 11:01	68.9	13/11/2012 16:31	67.7
29/10/2012 10:31	67.0	2/11/2012 16:01	67.4	8/11/2012 11:31	66.2	13/11/2012 17:01	68.0
29/10/2012 10:51	67.6	2/11/2012 16:31	67.1	8/11/2012 12:01	64.3	13/11/2012 17:31	65.7
29/10/2012 10:51	68.0	2/11/2012 17:01	66.8	8/11/2012 12:31	65.8	13/11/2012 18:01	64.4
29/10/2012 11:01	68.4	2/11/2012 17:31	65.5	8/11/2012 13:01	68.4	13/11/2012 18:31	62.8
29/10/2012 11:31	67.5	2/11/2012 18:01	65.3	8/11/2012 13:31	69.2	14/11/2012 7:01	62.6
29/10/2012 12:01	66.4	2/11/2012 18:31	64.6	8/11/2012 14:01	68.7	14/11/2012 7:31	63.2
29/10/2012 12:31	67.2	3/11/2012 7:01	63.2	8/11/2012 14:31	69.3	14/11/2012 8:01	64.3
29/10/2012 13:01	68.6	3/11/2012 7:31	64.0	8/11/2012 15:01	68.9	14/11/2012 8:31	64.7
29/10/2012 13:31	69.3	3/11/2012 8:01	68.3	8/11/2012 15:31	66.7	14/11/2012 9:01	65.8
29/10/2012 14:01	68.6	3/11/2012 8:31	70.1	8/11/2012 16:01	68.4	14/11/2012 9:31	65.3
29/10/2012 14:31	68.5	3/11/2012 9:01	68.6	8/11/2012 16:31	69.3	14/11/2012 10:01	65.6
29/10/2012 15:01	68.4	3/11/2012 9:31	68.3	8/11/2012 17:01	67.2	14/11/2012 10:31	65.5
29/10/2012 15:31	69.2	3/11/2012 10:01	69.0	8/11/2012 17:31	65.3	14/11/2012 11:01	65.1
29/10/2012 16:01	68.9	3/11/2012 10:31	69.1	8/11/2012 18:01	65.1	14/11/2012 11:31	64.1
29/10/2012 16:31	68.5	3/11/2012 11:01	68.9	8/11/2012 18:31	63.1	14/11/2012 12:01	63.3
29/10/2012 17:01	68.5	3/11/2012 11:31	66.3	8/11/2012 19:01	62.9	14/11/2012 12:31	63.7
29/10/2012 17:31	67.3	3/11/2012 12:01	63.9	8/11/2012 19:31	63.0	14/11/2012 13:01	66.5
29/10/2012 18:01	67.6	3/11/2012 12:31	65.2	9/11/2012 7:01	63.1	14/11/2012 13:31	67.4
29/10/2012 18:31	66.3	3/11/2012 13:01	68.3	9/11/2012 7:31	65.1	14/11/2012 14:01	67.3
30/10/2012 7:01	63.3	3/11/2012 13:31	69.2	9/11/2012 8:01	65.5	14/11/2012 14:31	67.1
30/10/2012 7:31	64.0	3/11/2012 14:01	69.7	9/11/2012 8:31	67.1	14/11/2012 15:01	66.9
30/10/2012 8:01	66.4	3/11/2012 14:31	68.0	9/11/2012 9:01	68.7	14/11/2012 15:31	66.1
30/10/2012 8:31	70.0	3/11/2012 15:01	67.7	9/11/2012 9:31	69.5	14/11/2012 16:01	66.6
30/10/2012 9:01	69.4	3/11/2012 15:31	66.2	9/11/2012 10:01	69.4	14/11/2012 16:31	68.9
30/10/2012 9:31	69.4	3/11/2012 16:01	69.4	9/11/2012 10:31	69.3	14/11/2012 17:01	66.8
30/10/2012 10:01	69.9	3/11/2012 16:31	69.1	9/11/2012 11:01	68.1	14/11/2012 17:31	66.3
30/10/2012 10:31	69.3	3/11/2012 17:01	68.1	9/11/2012 11:31	67.4	14/11/2012 18:01	65.6
30/10/2012 11:01	69.1	3/11/2012 17:31	66.6	9/11/2012 12:01	63.7	14/11/2012 18:31	63.2
30/10/2012 11:31	66.3	3/11/2012 18:01	66.1	9/11/2012 12:31	65.8	15/11/2012 7:01	62.8
30/10/2012 12:01	65.2	3/11/2012 18:31	64.8	9/11/2012 13:01	68.5	15/11/2012 7:31	64.3
30/10/2012 12:31	67.8	5/11/2012 7:01	63.3	9/11/2012 13:31	69.4	15/11/2012 8:01	67.8
30/10/2012 13:01	68.2	5/11/2012 7:31	64.8	9/11/2012 14:01	68.8	15/11/2012 8:31	68.3
30/10/2012 13:31	69.7	5/11/2012 8:01	67.9	9/11/2012 14:31	68.2	15/11/2012 9:01	68.5
30/10/2012 14:01	68.8	5/11/2012 8:31	68.9	9/11/2012 15:01	67.9	15/11/2012 9:31	66.3
30/10/2012 14:31	69.2	5/11/2012 9:01	68.4	9/11/2012 15:31	66.9	15/11/2012 10:01	67.1
30/10/2012 15:01	68.3	5/11/2012 9:31	69.4	9/11/2012 16:01	68.6	15/11/2012 10:31	68.9
30/10/2012 15:31	67.7	5/11/2012 10:01	69.2	9/11/2012 16:31	69.0	15/11/2012 11:01	69.4
30/10/2012 16:01	67.4	5/11/2012 10:31	68.3	9/11/2012 17:01	70.2	15/11/2012 11:31	71.8
30/10/2012 16:31	67.2	5/11/2012 11:01	70.5	9/11/2012 17:31	65.9	15/11/2012 12:01	64.0
30/10/2012 17:01	68.0	5/11/2012 11:31	65.9	9/11/2012 18:01	65.1	15/11/2012 12:31	66.2
30/10/2012 17:31	66.6	5/11/2012 12:01	64.4	9/11/2012 18:31	64.3	15/11/2012 13:01	68.2
30/10/2012 18:01	65.6	5/11/2012 12:31	64.3	10/11/2012 7:01	62.7	15/11/2012 13:31	69.5
30/10/2012 18:31	64.2	5/11/2012 13:01	66.7	10/11/2012 7:31	64.8	15/11/2012 14:01	71.6
31/10/2012 7:01	64.1	5/11/2012 13:31	68.1	10/11/2012 8:01	66.9	15/11/2012 14:31	71.2
31/10/2012 7:31	66.5	5/11/2012 14:01	68.0	10/11/2012 8:31	66.8	15/11/2012 15:01	72.5
31/10/2012 8:01	66.8	5/11/2012 14:31	71.0	10/11/2012 9:01	68.7	15/11/2012 15:31	68.0
31/10/2012 8:31	66.7	5/11/2012 15:01	67.9	10/11/2012 9:31	67.2	15/11/2012 16:01	67.9
31/10/2012 9:01	67.0	5/11/2012 15:31	67.1	10/11/2012 10:01	67.2	15/11/2012 16:31	68.4
31/10/2012 9:31	68.2	5/11/2012 16:01	68.9	10/11/2012 10:31	67.7	15/11/2012 17:01	67.8
31/10/2012 10:01	69.3	5/11/2012 16:31	68.4	10/11/2012 11:01	67.2	15/11/2012 17:31	65.9
31/10/2012 10:31	70.8	5/11/2012 17:01	67.6	10/11/2012 11:31	64.5	15/11/2012 18:01	63.1
31/10/2012 11:01	70.0	5/11/2012 17:31	66.1	10/11/2012 12:01	63.4	15/11/2012 18:31	62.4
31/10/2012 11:31	68.3	5/11/2012 18:01	64.5	10/11/2012 12:31	63.8	16/11/2012 7:01	62.6
31/10/2012 12:01	65.6	5/11/2012 18:31	64.3	10/11/2012 13:01	65.6	16/11/2012 7:31	64.6
31/10/2012 12:31	67.1	6/11/2012 7:01	63.5	10/11/2012 13:31	66.6	16/11/2012 8:01	68.6
31/10/2012 13:01	68.8	6/11/2012 7:31	65.0	10/11/2012 14:01	66.7	16/11/2012 8:31	68.8
31/10/2012 13:31	68.8	6/11/2012 8:01	67.3	10/11/2012 14:31	66.7	16/11/2012 9:01	68.9
31/10/2012 14:01	68.5	6/11/2012 8:31	69.1	10/11/2012 15:01	66.5	16/11/2012 9:31	67.7
31/10/2012 14:31	68.2	6/11/2012 9:01	70.1	10/11/2012 15:31	65.9	16/11/2012 10:01	68.1
31/10/2012 15:01	67.6	6/11/2012 9:31	67.2	10/11/2012 16:01	65.7	16/11/2012 10:31	68.5
31/10/2012 15:31	67.6	6/11/2012 10:01	66.4	10/11/2012 16:31	66.9	16/11/2012 11:01	69.1
31/10/2012 16:01	68.2	6/11/2012 10:31	67.5	10/11/2012 17:01	67.2	16/11/2012 11:31	69.0
31/10/2012 16:31	68.4	6/11/2012 11:01	67.6	10/11/2012 17:31	65.6	16/11/2012 12:01	64.1
31/10/2012 17:01	67.1	6/11/2012 11:31	65.3	10/11/2012 18:01	64.0	16/11/2012 12:31	66.6
31/10/2012 17:31	65.8	6/11/2012 12:01	64.0	10/11/2012 18:31	61.9	16/11/2012 13:01	68.5
31/10/2012 18:01	66.1	6/11/2012 12:31	64.2	12/11/2012 7:01	62.6	16/11/2012 13:31	69.7
31/10/2012 18:31	64.7	6/11/2012 13:01	65.3	12/11/2012 7:31	63.6	16/11/2012 14:01	70.0
1/11/2012 7:01	63.9	6/11/2012 13:31	67.0	12/11/2012 8:01	64.9	16/11/2012 14:31	70.3
1/11/2012 7:31	65.5	6/11/2012 14:01	66.6	12/11/2012 8:31	65.1	16/11/2012 15:01	69.2
1/11/2012 8:01	66.3	6/11/2012 14:31	67.0	12/11/2012 9:01	66.4	16/11/2012 15:31	68.6
1/11/2012 8:31	68.4	6/11/2012 15:01	66.1	12/11/2012 9:31	65.6	16/11/2012 16:01	69.9
1/11/2012 9:01	71.1	6/11/2012 15:31	65.5	12/11/2012 10:01	65.9	16/11/2012 16:31	69.4
1/11/2012 9:31	69.8	6/11/2012 16:01	66.5	12/11/2012 10:31	66.0	16/11/2012 17:01	66.8
1/11/2012 10:01	69.8	6/11/2012 16:31	65.8	12/11/2012 11:01	65.5	16/11/2012 17:31	65.1
1/11/2012 10:31	70.7	6/11/2012 17:01	69.8	12/11/2012 11:31	64.2	16/11/2012 18:01	65.5
1/11/2012 11:01	70.5	6/11/2012 17:31	67.2	12/11/2012 12:01	63.3	16/11/2012 18:31	63.1
1/11/2012 11:31	67.3	6/11/2012 18:01	65.6	12/11/2012 12:31	63.7	17/11/2012 7:01	62.4
1/11/2012 12:01	65.0	6/11/2012 18:31	63.5	12/11/2012 13:01	66.3	17/11/2012 7:31	65.0
1/11/2012 12:31	65.1	7/11/2012 7:01	63.2	12/11/2012 13:31	67.3	17/11/2012 8:01	69.4
1/11/2012 13:01	68.6	7/11/2012 7:31	64.5	12/11/2012 14:01	67.2	17/11/2012 8:31	69.4
1/11/2012 13:31	69.1	7/11/2012 8:01	67.3	12/11/2012 14:31	67.1	17/11/2012 9:01	69.4
1/11/2012 14:01	68.8	7/11/2012 8:31	67.9	12/11/2012 15:01	66.8	17/11/2012 9:31	69.3
1/11/2012 14:31	69.3	7/11/2012 9:01	69.0	12/11/2012 15:31	66.1	17/11/2012 10:01	69.2
1/11/2012 15:01	67.5	7/11/2012 9:31	68.1	12/11/2012 16:01	66.4	17/11/2012 10:31	68.5
1/11/2012 15:31	67.3	7/11/2012 10:01	68.2	12/11/2012 16:31	67.4	17/11/2012 11:01	69.0
1/11/2012 16:01	68.0	7/11/2012 10:31	68.1	12/11/2012 17:01	67.7	17/11/2012 11:31	66.3
1/11/2012 16:31	69.7	7/11/2012 11:01	71.8	12/11/2012 17:31	65.7	17/11/2012 12:01	64.3
1/11/2012 17:01	69.1	7/11/2012 11:31	69.2	12/11/2012 18:01	64.3	17/11/2012 12:31	67.8
1/11/2012 17:31	66.5	7/11/2012 12:01	64.9	12/11/2012 18:31	62.5	17/11/2012 13:01	69.0
1/11/2012 18:01	65.7	7/11/2012 12:31	66.2	13/11/2012 7:01	62.7	17/11/2012 13:31	70.2
1/11/2012 18:31	64.4	7/11/2012 13:01	70.0	13/11/2012 7:31	62.9	17/11/2012 14:01	69.1
2/11/2012 7:01	63.9	7/11/2012 13:31	70.8	13/11/2012 8:01	63.8	17/11/2012 14:31	69.7
2/11/2012 7:31	65.5	7/11/2012 14:01	70.2	13/11/2012 8:31	64.3	17/11/2012	

Real-time Noise Data	RTN1 (Food and Environmental Hygiene Department Depot)									
28/10/2012 8:56 64.7	28/10/2012 18:01 63.8	30/10/2012 19:06 63.4	1/11/2012 20:11 64.3	3/11/2012 21:16 63.1	4/11/2012 14:21 64.0					
28/10/2012 9:01 65.0	28/10/2012 18:06 63.9	30/10/2012 19:11 63.4	1/11/2012 20:16 64.4	3/11/2012 21:21 63.0	4/11/2012 14:26 64.4					
28/10/2012 9:06 64.9	28/10/2012 18:11 63.7	30/10/2012 19:16 61.5	1/11/2012 20:21 63.9	3/11/2012 21:26 62.8	4/11/2012 14:31 65.1					
28/10/2012 9:11 65.1	28/10/2012 18:16 64.1	30/10/2012 19:21 61.5	1/11/2012 20:26 64.3	3/11/2012 21:31 62.3	4/11/2012 14:36 65.2					
28/10/2012 9:16 65.9	28/10/2012 18:21 64.0	30/10/2012 19:26 61.9	1/11/2012 20:31 64.4	3/11/2012 21:36 62.5	4/11/2012 14:41 65.4					
28/10/2012 9:21 64.8	28/10/2012 18:26 63.8	30/10/2012 19:31 61.8	1/11/2012 20:36 64.3	3/11/2012 21:41 62.2	4/11/2012 14:46 65.2					
28/10/2012 9:26 65.2	28/10/2012 18:31 63.6	30/10/2012 19:36 61.1	1/11/2012 20:41 64.3	3/11/2012 21:46 63.3	4/11/2012 14:51 65.6					
28/10/2012 9:31 65.3	28/10/2012 18:36 63.7	30/10/2012 19:41 61.6	1/11/2012 20:46 64.3	3/11/2012 21:51 62.9	4/11/2012 14:56 65.3					
28/10/2012 9:36 65.5	28/10/2012 18:41 62.8	30/10/2012 19:46 61.5	1/11/2012 20:51 64.2	3/11/2012 21:56 62.3	4/11/2012 15:01 64.5					
28/10/2012 9:41 64.7	28/10/2012 18:46 63.4	30/10/2012 19:51 62.0	1/11/2012 20:56 64.4	3/11/2012 22:01 62.1	4/11/2012 15:06 65.2					
28/10/2012 9:46 65.5	28/10/2012 18:51 63.4	30/10/2012 19:56 62.3	1/11/2012 21:01 63.9	3/11/2012 22:06 63.3	4/11/2012 15:11 67.0					
28/10/2012 9:51 64.6	28/10/2012 18:56 63.3	30/10/2012 20:01 62.0	1/11/2012 21:06 64.1	3/11/2012 22:11 62.9	4/11/2012 15:16 64.9					
28/10/2012 9:56 64.5	28/10/2012 19:01 63.6	30/10/2012 20:06 63.2	1/11/2012 21:11 64.2	3/11/2012 22:16 61.6	4/11/2012 15:21 64.7					
28/10/2012 10:01 65.2	28/10/2012 19:06 63.4	30/10/2012 20:11 62.8	1/11/2012 21:16 63.6	3/11/2012 22:21 62.2	4/11/2012 15:26 64.2					
28/10/2012 10:06 64.9	28/10/2012 19:11 65.3	30/10/2012 20:16 63.3	1/11/2012 21:21 64.0	3/11/2012 22:26 61.9	4/11/2012 15:31 64.6					
28/10/2012 10:11 64.3	28/10/2012 19:16 63.8	30/10/2012 20:21 63.7	1/11/2012 21:26 63.9	3/11/2012 22:31 61.4	4/11/2012 15:36 65.0					
28/10/2012 10:16 66.4	28/10/2012 19:21 64.5	30/10/2012 20:26 63.6	1/11/2012 21:31 64.0	3/11/2012 22:36 61.6	4/11/2012 15:41 65.0					
28/10/2012 10:21 66.3	28/10/2012 19:26 64.5	30/10/2012 20:31 64.2	1/11/2012 21:36 64.3	3/11/2012 22:41 62.0	4/11/2012 15:46 65.6					
28/10/2012 10:26 65.9	28/10/2012 19:31 64.9	30/10/2012 20:36 63.7	1/11/2012 21:41 63.4	3/11/2012 22:46 62.5	4/11/2012 15:51 64.3					
28/10/2012 10:31 66.9	28/10/2012 19:36 64.9	30/10/2012 20:41 63.2	1/11/2012 21:46 64.0	3/11/2012 22:51 61.8	4/11/2012 15:56 64.4					
28/10/2012 10:36 65.7	28/10/2012 19:41 65.8	30/10/2012 20:46 63.8	1/11/2012 21:51 63.5	3/11/2012 22:56 61.3	4/11/2012 16:01 64.8					
28/10/2012 10:41 65.5	28/10/2012 19:46 65.1	30/10/2012 20:51 64.1	1/11/2012 21:56 62.5	4/11/2012 7:01 60.8	4/11/2012 16:06 64.8					
28/10/2012 10:46 66.3	28/10/2012 19:51 66.0	30/10/2012 20:56 64.3	1/11/2012 22:01 62.4	4/11/2012 7:06 62.2	4/11/2012 16:11 66.1					
28/10/2012 10:51 66.2	28/10/2012 19:56 65.0	30/10/2012 21:01 64.0	1/11/2012 22:06 62.6	4/11/2012 7:11 61.9	4/11/2012 16:16 65.6					
28/10/2012 10:56 66.6	28/10/2012 20:01 65.1	30/10/2012 21:06 64.1	1/11/2012 22:11 62.5	4/11/2012 7:16 60.9	4/11/2012 16:21 65.8					
28/10/2012 11:01 66.3	28/10/2012 20:06 65.2	30/10/2012 21:11 63.9	1/11/2012 22:16 62.8	4/11/2012 7:21 64.7	4/11/2012 16:26 64.9					
28/10/2012 11:06 65.9	28/10/2012 20:11 64.9	30/10/2012 21:16 63.4	1/11/2012 22:21 61.9	4/11/2012 7:26 61.4	4/11/2012 16:31 63.9					
28/10/2012 11:11 66.7	28/10/2012 20:16 65.2	30/10/2012 21:21 63.6	1/11/2012 22:26 62.6	4/11/2012 7:31 61.8	4/11/2012 16:36 64.4					
28/10/2012 11:16 66.3	28/10/2012 20:21 65.5	30/10/2012 21:26 63.1	1/11/2012 22:31 63.3	4/11/2012 7:36 62.2	4/11/2012 16:41 64.8					
28/10/2012 11:21 66.0	28/10/2012 20:26 65.3	30/10/2012 21:31 63.6	1/11/2012 22:36 61.7	4/11/2012 7:41 62.4	4/11/2012 16:46 65.3					
28/10/2012 11:26 65.6	28/10/2012 20:31 65.9	30/10/2012 21:36 66.0	1/11/2012 22:41 62.1	4/11/2012 7:46 62.0	4/11/2012 16:51 64.6					
28/10/2012 11:31 65.3	28/10/2012 20:36 65.8	30/10/2012 21:41 63.7	1/11/2012 22:46 62.2	4/11/2012 7:51 62.1	4/11/2012 16:56 64.6					
28/10/2012 11:36 65.4	28/10/2012 20:41 64.7	30/10/2012 21:46 63.9	1/11/2012 22:51 61.7	4/11/2012 7:56 62.5	4/11/2012 17:01 64.7					
28/10/2012 11:41 65.6	28/10/2012 20:46 64.3	30/10/2012 21:51 64.9	1/11/2012 22:56 61.9	4/11/2012 8:01 61.7	4/11/2012 17:06 66.1					
28/10/2012 11:46 65.2	28/10/2012 20:51 65.0	30/10/2012 21:56 65.8	2/11/2012 19:01 64.2	4/11/2012 8:06 61.9	4/11/2012 17:11 64.4					
28/10/2012 11:51 64.9	28/10/2012 20:56 64.6	30/10/2012 22:01 65.1	2/11/2012 19:06 63.2	4/11/2012 8:11 63.9	4/11/2012 17:16 64.1					
28/10/2012 11:56 65.0	28/10/2012 21:01 64.2	30/10/2012 22:06 65.0	2/11/2012 19:11 64.3	4/11/2012 8:16 62.7	4/11/2012 17:21 63.8					
28/10/2012 12:01 63.5	28/10/2012 21:06 63.8	30/10/2012 22:11 65.0	2/11/2012 19:16 64.1	4/11/2012 8:21 63.0	4/11/2012 17:26 64.4					
28/10/2012 12:06 63.1	28/10/2012 21:11 63.7	30/10/2012 22:16 65.3	2/11/2012 19:21 63.9	4/11/2012 8:26 63.8	4/11/2012 17:31 63.3					
28/10/2012 12:11 64.6	28/10/2012 21:16 63.9	30/10/2012 22:21 65.4	2/11/2012 19:26 64.6	4/11/2012 8:31 64.3	4/11/2012 17:36 64.1					
28/10/2012 12:16 63.4	28/10/2012 21:21 64.3	30/10/2012 22:26 65.1	2/11/2012 19:31 63.7	4/11/2012 8:36 64.7	4/11/2012 17:41 64.6					
28/10/2012 12:21 63.5	28/10/2012 21:26 63.8	30/10/2012 22:31 64.4	2/11/2012 19:36 63.8	4/11/2012 8:41 63.8	4/11/2012 17:46 64.7					
28/10/2012 12:26 64.0	28/10/2012 21:31 64.0	30/10/2012 22:36 64.4	2/11/2012 19:41 64.3	4/11/2012 8:46 63.2	4/11/2012 17:51 64.8					
28/10/2012 12:31 63.2	28/10/2012 21:36 63.8	30/10/2012 22:41 65.4	2/11/2012 19:46 64.0	4/11/2012 8:51 63.9	4/11/2012 17:56 64.6					
28/10/2012 12:36 62.9	28/10/2012 21:41 64.1	30/10/2012 22:46 64.4	2/11/2012 19:51 63.5	4/11/2012 8:56 63.5	4/11/2012 18:01 63.9					
28/10/2012 12:41 63.7	28/10/2012 21:46 64.2	30/10/2012 22:51 65.1	2/11/2012 19:56 63.8	4/11/2012 9:01 63.8	4/11/2012 18:06 63.6					
28/10/2012 12:46 64.7	28/10/2012 21:51 63.1	30/10/2012 22:56 64.6	2/11/2012 20:01 64.4	4/11/2012 9:06 64.0	4/11/2012 18:11 63.0					
28/10/2012 12:51 64.6	28/10/2012 21:56 63.6	31/10/2012 19:01 65.6	2/11/2012 20:06 62.2	4/11/2012 9:11 64.0	4/11/2012 18:16 62.9					
28/10/2012 12:56 65.4	28/10/2012 22:01 63.5	31/10/2012 19:06 65.3	2/11/2012 20:11 63.1	4/11/2012 9:16 64.2	4/11/2012 18:21 63.9					
28/10/2012 13:01 66.6	28/10/2012 22:06 62.5	31/10/2012 19:11 68.5	2/11/2012 20:16 63.4	4/11/2012 9:21 63.7	4/11/2012 18:26 63.4					
28/10/2012 13:06 66.0	28/10/2012 22:11 62.8	31/10/2012 19:16 65.0	2/11/2012 20:21 63.0	4/11/2012 9:26 64.9	4/11/2012 18:31 63.2					
28/10/2012 13:11 65.9	28/10/2012 22:16 62.2	31/10/2012 19:21 64.6	2/11/2012 20:26 62.9	4/11/2012 9:31 65.0	4/11/2012 18:36 63.0					
28/10/2012 13:16 66.1	28/10/2012 22:21 61.9	31/10/2012 19:26 63.6	2/11/2012 20:31 62.8	4/11/2012 9:36 63.9	4/11/2012 18:41 63.2					
28/10/2012 13:21 66.5	28/10/2012 22:26 62.3	31/10/2012 19:31 64.4	2/11/2012 20:36 62.2	4/11/2012 9:41 63.9	4/11/2012 18:46 62.2					
28/10/2012 13:26 65.9	28/10/2012 22:31 62.5	31/10/2012 19:36 64.1	2/11/2012 20:41 62.1	4/11/2012 9:46 64.8	4/11/2012 18:51 62.6					
28/10/2012 13:31 66.4	28/10/2012 22:36 63.2	31/10/2012 19:41 64.4	2/11/2012 20:46 62.7	4/11/2012 9:51 64.8	4/11/2012 18:56 62.4					
28/10/2012 13:36 66.5	28/10/2012 22:41 62.8	31/10/2012 19:46 64.1	2/11/2012 20:51 62.8	4/11/2012 9:56 64.7	4/11/2012 19:01 62.0					
28/10/2012 13:41 66.2	28/10/2012 22:46 62.6	31/10/2012 19:51 63.7	2/11/2012 20:56 62.3	4/11/2012 10:01 64.2	4/11/2012 19:06 61.9					
28/10/2012 13:46 66.6	28/10/2012 22:51 62.9	31/10/2012 19:56 64.0	2/11/2012 21:01 62.4	4/11/2012 10:06 64.7	4/11/2012 19:11 62.2					
28/10/2012 13:51 65.9	28/10/2012 22:56 63.7	31/10/2012 20:01 64.3	2/11/2012 21:06 62.4	4/11/2012 10:11 65.2	4/11/2012 19:16 62.6					
28/10/2012 13:56 65.9	29/10/2012 19:01 65.3	31/10/2012 20:06 64.8	2/11/2012 21:11 63.1	4/11/2012 10:16 65.1	4/11/2012 19:21 62.7					
28/10/2012 14:01 65.3	29/10/2012 19:06 65.5	31/10/2012 20:11 64.5	2/11/2012 21:16 62.7	4/11/2012 10:21 66.5	4/11/2012 19:26 62.5					
28/10/2012 14:06 66.3	29/10/2012 19:11 65.6	31/10/2012 20:16 64.7	2/11/2012 21:21 62.5	4/11/2012 10:26 64.9	4/11/2012 19:31 62.8					
28/10/2012 14:11 66.1	29/10/2012 19:16 66.1	31/10/2012 20:21 64.5	2/11/2012 21:26 62.6	4/11/2012 10:31 64.7	4/11/2012 19:36 62.9					
28/10/2012 14:16 65.6	29/10/2012 19:21 65.7	31/10/2012 20:26 62.9	2/11/2012 21:31 61.9	4/11/2012 10:36 64.5	4/11/2012 19:41 62.6					
28/10/2012 14:21 65.6	29/10/2012 19:26 66.0	31/10/2012 20:31 63.7	2/11/2012 21:36 62.4	4/11/2012 10:41 64.7	4/11/2012 19:46 62.7					
28/10/2012 14:26 65.2	29/10/2012 19:31 66.7	31/10/2012 20:36 65.5	2/11/2012 21:41 64.8	4/11/2012 10:46 64.2	4/11/2012 19:51 63.3					
28/10/2012 14:31 65.6	29/10/2012 19:36 66.0	31/10/2012 20:41 63.2	2/11/2012 21:46 63.1	4/11/2012 10:51 64.5	4/11/2012 19:56 62.5					
28/10/2012 14:36 65.7	29/10/2012 19:41 66.0	31/10/2012 20:46 62.9	2/11/2012 21:51 62.6	4/11/2012 10:56 64.6	4/11/2012 20:01 62.2					
28/10/2012 14:41 66.4	29/10/2012 19:46 66.2	31/10/2012 20:51 63.6	2/11/2012 21:56 62.3	4/11/2012 11:01 64.4	4/11/2012 20:06 62.3					
28/10/2012 14:46 66.2	29/10/2012 19:51 65.3	31/10/2012 20:56 63.3	2/11/2012 22:01 62.5	4/11/2012 11:06 65.3	4/11/2012 20:11 63.5					
28/10/2012 14:51 65.8	29/10/2012 19:56 65.5	31/10/2012 21:01 63.2	2/11/2012 22:06 62.0	4/11/2012 11:11 65.3	4/11/2012 20:16 62.3					
28/10/2012 14:56 65.9	29/10/2012 20:01 65.3	31/10/2012 21:06 64.0	2/11/2012 22:11 62.2	4/11/2012 11:16 65.1	4/11/2012 20:21 63.0					
28/10/2012 15:01 68.5	29/10/2012 20:06 66.9	31/10/2012 21:11 62.9	2/11/2012 22:16 62.5	4/11/2012 11:21 64.8	4/11/2012 20:26 63.4					
28/10/2012 15:06 66.4	29/10/2012 20:11 66.6	31/10/2012 21:16 63.8	2/11/2012 22:21 62.6	4/11/2012 11:26 64.8	4/11/2012 20:31 62.1					
28/10/2012 15:11 65.9	29/10/2012 20:16 66.8	31/10/2012 21:21 63.6	2/11/2012 22:26 61.7	4/11/2012 11:31 65.0	4/11/2012 20:36 62.6					
28/10/2012 15:16 66.3	29/10/2012 20:21 65.3	31/10/2012 21:26 63.4	2/11/2012 22:31 63.0	4/11/2012 11:36 64.4	4/11/2012 20:41 61.9					
28/10/2012 15:21 67.0	29/10/2012 20:26 63.6	31/10/2012 21:31 62.7	2/11/2012 22:36 61.6	4/11/2012 11:41 65						

Real-time Noise Data	RTN1 (Food and Environmental Hygiene Department Depot)										
5/11/2012 19:26	63.7	7/11/2012 20:31	64.6	9/11/2012 21:36	65.1	11/11/2012 10:41	64.2	11/11/2012 19:46	64.1	13/11/2012 20:51	63.9
5/11/2012 19:31	63.6	7/11/2012 20:36	63.9	9/11/2012 21:41	65.3	11/11/2012 10:46	63.7	11/11/2012 19:51	61.5	13/11/2012 20:56	63.5
5/11/2012 19:36	63.4	7/11/2012 20:41	63.6	9/11/2012 21:46	64.8	11/11/2012 10:51	64.5	11/11/2012 19:56	61.7	13/11/2012 21:01	62.6
5/11/2012 19:41	63.1	7/11/2012 20:46	63.5	9/11/2012 21:51	64.8	11/11/2012 10:56	64.9	11/11/2012 20:01	61.8	13/11/2012 21:06	63.5
5/11/2012 19:46	63.4	7/11/2012 20:51	62.9	9/11/2012 21:56	64.2	11/11/2012 11:01	63.6	11/11/2012 20:06	61.7	13/11/2012 21:11	64.7
5/11/2012 19:51	65.6	7/11/2012 20:56	63.0	9/11/2012 22:01	65.5	11/11/2012 11:06	64.4	11/11/2012 20:11	61.1	13/11/2012 21:16	63.7
5/11/2012 19:56	63.0	7/11/2012 21:01	63.0	9/11/2012 22:06	65.0	11/11/2012 11:11	63.8	11/11/2012 20:16	66.0	13/11/2012 21:21	62.7
5/11/2012 20:01	63.4	7/11/2012 21:06	62.8	9/11/2012 22:11	64.1	11/11/2012 11:16	63.6	11/11/2012 20:21	61.8	13/11/2012 21:26	63.1
5/11/2012 20:06	63.3	7/11/2012 21:11	63.0	9/11/2012 22:16	63.8	11/11/2012 11:21	63.7	11/11/2012 20:26	61.8	13/11/2012 21:31	62.9
5/11/2012 20:11	62.6	7/11/2012 21:16	62.6	9/11/2012 22:21	62.8	11/11/2012 11:26	64.0	11/11/2012 20:31	63.0	13/11/2012 21:36	63.1
5/11/2012 20:16	62.9	7/11/2012 21:21	62.5	9/11/2012 22:26	62.1	11/11/2012 11:31	64.8	11/11/2012 20:36	61.5	13/11/2012 21:41	62.9
5/11/2012 20:21	62.3	7/11/2012 21:26	62.3	9/11/2012 22:31	62.2	11/11/2012 11:36	64.0	11/11/2012 20:41	61.7	13/11/2012 21:46	63.5
5/11/2012 20:26	62.1	7/11/2012 21:31	62.6	9/11/2012 22:36	64.3	11/11/2012 11:41	64.4	11/11/2012 20:46	62.8	13/11/2012 21:51	62.7
5/11/2012 20:31	62.7	7/11/2012 21:36	62.9	9/11/2012 22:41	64.0	11/11/2012 11:46	63.2	11/11/2012 20:51	62.9	13/11/2012 21:56	62.4
5/11/2012 20:36	62.5	7/11/2012 21:41	62.8	9/11/2012 22:46	63.4	11/11/2012 11:51	62.8	11/11/2012 20:56	62.0	13/11/2012 22:01	64.0
5/11/2012 20:41	62.1	7/11/2012 21:46	62.9	9/11/2012 22:51	63.7	11/11/2012 11:56	64.2	11/11/2012 21:01	62.2	13/11/2012 22:06	63.3
5/11/2012 20:46	61.9	7/11/2012 21:51	61.9	9/11/2012 22:56	64.5	11/11/2012 12:01	63.3	11/11/2012 21:06	62.2	13/11/2012 22:11	62.8
5/11/2012 20:51	64.2	7/11/2012 21:56	62.8	10/11/2012 19:01	60.8	11/11/2012 12:06	63.0	11/11/2012 21:11	62.5	13/11/2012 22:16	62.9
5/11/2012 20:56	62.5	7/11/2012 19:11	62.6	10/11/2012 19:06	61.3	11/11/2012 12:11	63.7	11/11/2012 21:16	63.6	13/11/2012 22:21	61.8
5/11/2012 21:01	62.5	7/11/2012 22:06	61.8	10/11/2012 19:11	61.7	11/11/2012 12:16	62.9	11/11/2012 21:21	64.0	13/11/2012 22:26	62.2
5/11/2012 21:06	63.8	7/11/2012 22:11	61.6	10/11/2012 19:16	61.4	11/11/2012 12:21	63.9	11/11/2012 21:26	63.4	13/11/2012 22:31	62.2
5/11/2012 21:11	62.5	7/11/2012 22:16	62.3	10/11/2012 19:21	63.6	11/11/2012 12:26	62.6	11/11/2012 21:31	63.8	13/11/2012 22:36	63.1
5/11/2012 21:16	62.9	7/11/2012 22:21	63.0	10/11/2012 19:26	63.2	11/11/2012 12:31	62.4	11/11/2012 21:36	64.4	13/11/2012 22:41	62.4
5/11/2012 21:21	62.6	7/11/2012 22:26	62.2	10/11/2012 19:31	64.5	11/11/2012 12:36	66.2	11/11/2012 21:41	62.6	13/11/2012 22:46	62.4
5/11/2012 21:26	63.0	7/11/2012 22:31	62.1	10/11/2012 19:36	62.4	11/11/2012 12:41	63.0	11/11/2012 21:46	62.7	13/11/2012 22:51	62.3
5/11/2012 21:31	62.7	7/11/2012 22:36	62.9	10/11/2012 19:41	62.9	11/11/2012 12:46	62.6	11/11/2012 21:51	63.4	13/11/2012 22:56	62.4
5/11/2012 21:36	62.5	7/11/2012 22:41	61.5	10/11/2012 19:46	62.3	11/11/2012 12:51	64.3	11/11/2012 21:56	63.4	14/11/2012 19:01	63.0
5/11/2012 21:41	62.8	7/11/2012 22:46	61.8	10/11/2012 19:51	62.4	11/11/2012 12:56	61.3	11/11/2012 22:01	64.6	14/11/2012 19:06	64.2
5/11/2012 21:46	62.7	7/11/2012 22:51	61.6	10/11/2012 19:56	62.3	11/11/2012 13:01	61.0	11/11/2012 22:06	64.4	14/11/2012 19:11	64.1
5/11/2012 21:51	62.5	7/11/2012 22:56	62.0	10/11/2012 20:01	62.4	11/11/2012 13:06	60.9	11/11/2012 22:11	64.1	14/11/2012 19:16	63.7
5/11/2012 21:56	62.7	8/11/2012 19:01	62.6	10/11/2012 20:06	62.5	11/11/2012 13:11	60.7	11/11/2012 22:16	63.5	14/11/2012 19:21	63.2
5/11/2012 22:01	62.3	8/11/2012 19:06	62.7	10/11/2012 20:11	63.2	11/11/2012 13:16	61.4	11/11/2012 22:21	64.2	14/11/2012 19:26	63.7
5/11/2012 22:06	62.3	8/11/2012 19:11	62.9	10/11/2012 20:16	62.4	11/11/2012 13:21	61.2	11/11/2012 22:26	63.7	14/11/2012 19:31	62.8
5/11/2012 22:11	63.1	8/11/2012 19:16	63.6	10/11/2012 20:21	62.7	11/11/2012 13:26	61.5	11/11/2012 22:31	64.2	14/11/2012 19:36	62.8
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5/11/2012 22:36	62.4	8/11/2012 19:41	62.9	10/11/2012 20:46	62.1	11/11/2012 13:51	59.8	11/11/2012 22:56	63.7	14/11/2012 20:01	62.4
5/11/2012 22:41	62.8	8/11/2012 19:46	63.2	10/11/2012 20:51	62.4	11/11/2012 13:56	60.7	12/11/2012 19:01	61.9	14/11/2012 20:06	62.8
5/11/2012 22:46	62.8	8/11/2012 19:51	63.1	10/11/2012 20:56	61.6	11/11/2012 14:01	60.9	12/11/2012 19:06	62.2	14/11/2012 20:11	63.2
5/11/2012 22:51	62.0	8/11/2012 19:56	62.4	10/11/2012 21:01	61.5	11/11/2012 14:06	60.1	12/11/2012 19:11	62.0	14/11/2012 20:16	63.1
5/11/2012 22:56	61.8	8/11/2012 20:01	62.4	10/11/2012 21:06	61.8	11/11/2012 14:11	60.6	12/11/2012 19:16	61.7	14/11/2012 20:21	63.6
6/11/2012 19:01	63.0	8/11/2012 20:06	62.5	10/11/2012 21:11	62.8	11/11/2012 14:16	60.1	12/11/2012 19:21	63.9	14/11/2012 20:26	63.0
6/11/2012 19:06	62.6	8/11/2012 20:11	63.2	10/11/2012 21:16	62.0	11/11/2012 14:21	61.0	12/11/2012 19:26	63.4	14/11/2012 20:31	62.5
6/11/2012 19:11	62.3	8/11/2012 20:16	62.6	10/11/2012 21:21	61.0	11/11/2012 14:26	60.2	12/11/2012 19:31	64.7	14/11/2012 20:36	62.7
6/11/2012 19:16	62.8	8/11/2012 20:21	63.2	10/11/2012 21:26	61.5	11/11/2012 14:31	59.5	12/11/2012 19:36	63.1	14/11/2012 20:41	62.8
6/11/2012 19:21	63.1	8/11/2012 20:26	62.7	10/11/2012 21:31	61.3	11/11/2012 14:36	59.6	12/11/2012 19:41	63.4	14/11/2012 20:46	61.7
6/11/2012 19:26	63.4	8/11/2012 20:31	62.7	10/11/2012 21:36	61.9	11/11/2012 14:41	59.1	12/11/2012 19:46	63.0	14/11/2012 20:51	62.4
6/11/2012 19:31	63.6	8/11/2012 20:36	62.9	10/11/2012 21:41	61.5	11/11/2012 14:46	59.2	12/11/2012 19:51	63.0	14/11/2012 20:56	62.0
6/11/2012 19:36	63.5	8/11/2012 20:41	62.9	10/11/2012 21:46	62.7	11/11/2012 14:51	59.5	12/11/2012 19:56	62.8	14/11/2012 21:01	62.1
6/11/2012 19:41	64.0	8/11/2012 20:46	62.4	10/11/2012 21:51	61.4	11/11/2012 14:56	60.2	12/11/2012 20:01	63.4	14/11/2012 21:06	62.7
6/11/2012 19:46	63.5	8/11/2012 20:51	61.9	10/11/2012 21:56	61.4	11/11/2012 15:01	60.3	12/11/2012 20:06	63.3	14/11/2012 21:11	62.2
6/11/2012 19:51	63.8	8/11/2012 20:56	62.1	10/11/2012 22:01	63.1	11/11/2012 15:06	59.8	12/11/2012 20:11	64.0	14/11/2012 21:16	63.0
6/11/2012 19:56	63.6	8/11/2012 21:01	63.4	10/11/2012 22:06	62.2	11/11/2012 15:11	60.0	12/11/2012 20:16	63.4	14/11/2012 21:21	62.2
6/11/2012 20:01	63.4	8/11/2012 21:06	62.5	10/11/2012 22:11	62.1	11/11/2012 15:16	60.0	12/11/2012 20:21	63.4	14/11/2012 21:26	62.8
6/11/2012 20:06	63.0	8/11/2012 21:11	62.1	10/11/2012 22:16	62.3	11/11/2012 15:21	59.4	12/11/2012 20:26	63.8	14/11/2012 21:31	62.1
6/11/2012 20:11	63.1	8/11/2012 21:16	62.6	10/11/2012 22:21	61.3	11/11/2012 15:26	60.3	12/11/2012 20:31	63.1	14/11/2012 21:36	62.5
6/11/2012 20:16	63.1	8/11/2012 21:21	62.9	10/11/2012 22:26	62.2	11/11/2012 15:31	59.6	12/11/2012 20:36	63.1	14/11/2012 21:41	62.4
6/11/2012 20:21	62.6	8/11/2012 21:26	62.1	10/11/2012 22:31	62.1	11/11/2012 15:36	59.6	12/11/2012 20:41	62.7	14/11/2012 21:46	61.6
6/11/2012 20:26	63.3	8/11/2012 21:31	61.9	10/11/2012 22:36	62.4	11/11/2012 15:41	59.0	12/11/2012 20:46	63.0	14/11/2012 21:51	62.2
6/11/2012 20:31	62.9	8/11/2012 21:36	61.8	10/11/2012 22:41	61.4	11/11/2012 15:46	59.0	12/11/2012 20:51	63.4	14/11/2012 21:56	62.3
6/11/2012 20:36	63.3	8/11/2012 21:41	62.0	10/11/2012 22:46	61.8	11/11/2012 15:51	59.7	12/11/2012 20:56	62.9	14/11/2012 22:01	62.7
6/11/2012 20:41	62.6	8/11/2012 21:46	62.2	10/11/2012 22:51	61.4	11/11/2012 15:56	59.3	12/11/2012 21:01	62.2	14/11/2012 22:06	62.6
6/11/2012 20:46	62.9	8/11/2012 21:51	62.5	10/11/2012 22:56	61.2	11/11/2012 16:01	58.9	12/11/2012 21:06	62.9	14/11/2012 22:11	64.6
6/11/2012 20:51	62.8	8/11/2012 21:56	62.0	11/11/2012 7:01	61.7	11/11/2012 16:06	59.4	12/11/2012 21:11	64.1	14/11/2012 22:16	62.5
6/11/2012 20:56	62.5	8/11/2012 22:01	62.5	11/11/2012 7:06	61.8	11/11/2012 16:11	58.2	12/11/2012 21:16	63.1	14/11/2012 22:21	63.3

Real-time Noise Data	RTN1 (Food and Environmental Hygiene Department Depot)							
15/11/2012 21:56 61.7	18/11/2012 7:01 61.0	18/11/2012 16:06 65.1	19/11/2012 21:11 62.8	21/11/2012 22:16 63.0	24/11/2012 19:21 62.9			
15/11/2012 22:01 61.2	18/11/2012 7:06 60.1	18/11/2012 16:11 64.4	19/11/2012 21:16 63.2	21/11/2012 22:21 62.5	24/11/2012 19:26 63.8			
15/11/2012 22:06 61.8	18/11/2012 7:11 59.9	18/11/2012 16:16 65.3	19/11/2012 21:21 62.6	21/11/2012 22:26 62.7	24/11/2012 19:31 63.8			
15/11/2012 22:11 61.3	18/11/2012 7:16 60.0	18/11/2012 16:21 66.6	19/11/2012 21:26 63.1	21/11/2012 22:31 62.3	24/11/2012 19:36 63.2			
15/11/2012 22:16 61.5	18/11/2012 7:21 59.9	18/11/2012 16:26 65.7	19/11/2012 21:31 62.5	21/11/2012 22:36 62.0	24/11/2012 19:41 63.3			
15/11/2012 22:21 61.8	18/11/2012 7:26 61.5	18/11/2012 16:31 65.2	19/11/2012 21:36 62.9	21/11/2012 22:41 62.2	24/11/2012 19:46 63.7			
15/11/2012 22:26 61.4	18/11/2012 7:31 62.6	18/11/2012 16:36 65.3	19/11/2012 21:41 62.7	21/11/2012 22:46 61.5	24/11/2012 19:51 63.2			
15/11/2012 22:31 60.9	18/11/2012 7:36 60.6	18/11/2012 16:41 65.9	19/11/2012 21:46 63.1	21/11/2012 22:51 61.9	24/11/2012 19:56 63.4			
15/11/2012 22:36 60.9	18/11/2012 7:41 60.6	18/11/2012 16:46 65.7	19/11/2012 21:51 62.8	21/11/2012 22:56 61.8	24/11/2012 20:01 64.0			
15/11/2012 22:41 61.0	18/11/2012 7:46 61.0	18/11/2012 16:51 65.0	19/11/2012 21:56 62.4	22/11/2012 19:01 63.2	24/11/2012 20:06 63.0			
15/11/2012 22:46 61.0	18/11/2012 7:51 61.4	18/11/2012 16:56 65.3	19/11/2012 22:01 62.5	22/11/2012 19:06 62.6	24/11/2012 20:11 64.6			
15/11/2012 22:51 61.6	18/11/2012 7:56 60.8	18/11/2012 17:01 64.3	19/11/2012 22:06 62.4	22/11/2012 19:11 63.0	24/11/2012 20:16 64.0			
15/11/2012 22:56 61.2	18/11/2012 8:01 60.8	18/11/2012 17:06 63.8	19/11/2012 22:11 62.9	22/11/2012 19:16 62.0	24/11/2012 20:21 63.5			
16/11/2012 19:01 61.1	18/11/2012 8:06 61.7	18/11/2012 17:11 64.6	19/11/2012 22:16 62.7	22/11/2012 19:21 62.3	24/11/2012 20:26 62.5			
16/11/2012 19:06 60.7	18/11/2012 8:11 61.1	18/11/2012 17:16 64.5	19/11/2012 22:21 62.1	22/11/2012 19:26 62.0	24/11/2012 20:31 62.7			
16/11/2012 19:11 61.7	18/11/2012 8:16 61.9	18/11/2012 17:21 64.0	19/11/2012 22:26 61.8	22/11/2012 19:31 63.0	24/11/2012 20:36 62.9			
16/11/2012 19:16 61.8	18/11/2012 8:21 62.0	18/11/2012 17:26 63.4	19/11/2012 22:31 61.7	22/11/2012 19:36 62.7	24/11/2012 20:41 63.0			
16/11/2012 19:21 61.8	18/11/2012 8:26 62.1	18/11/2012 17:31 63.3	19/11/2012 22:36 61.8	22/11/2012 19:41 63.1	24/11/2012 20:46 64.4			
16/11/2012 19:26 62.4	18/11/2012 8:31 62.0	18/11/2012 17:36 63.4	19/11/2012 22:41 62.7	22/11/2012 19:46 62.4	24/11/2012 20:51 63.0			
16/11/2012 19:31 63.2	18/11/2012 8:36 62.0	18/11/2012 17:41 64.0	19/11/2012 22:46 61.9	22/11/2012 19:51 62.5	24/11/2012 20:56 62.9			
16/11/2012 19:36 63.0	18/11/2012 8:41 63.7	18/11/2012 17:46 63.6	19/11/2012 22:51 61.8	22/11/2012 19:56 62.3	24/11/2012 21:01 63.6			
16/11/2012 19:41 63.1	18/11/2012 8:46 62.2	18/11/2012 17:51 62.6	19/11/2012 22:56 61.8	22/11/2012 20:01 61.9	24/11/2012 21:06 63.1			
16/11/2012 19:46 63.6	18/11/2012 8:51 62.1	18/11/2012 17:56 63.1	20/11/2012 19:01 63.8	22/11/2012 20:06 62.6	24/11/2012 21:11 63.0			
16/11/2012 19:51 63.3	18/11/2012 8:56 63.7	18/11/2012 18:01 63.9	20/11/2012 19:06 65.4	22/11/2012 20:11 62.1	24/11/2012 21:16 62.7			
16/11/2012 19:56 62.5	18/11/2012 9:01 62.6	18/11/2012 18:06 63.1	20/11/2012 19:11 64.0	22/11/2012 20:16 61.9	24/11/2012 21:21 62.7			
16/11/2012 20:01 62.5	18/11/2012 9:06 64.8	18/11/2012 18:11 62.8	20/11/2012 19:16 64.7	22/11/2012 20:21 62.6	24/11/2012 21:26 62.4			
16/11/2012 20:06 63.2	18/11/2012 9:11 63.4	18/11/2012 18:16 62.4	20/11/2012 19:21 63.8	22/11/2012 20:26 62.2	24/11/2012 21:31 62.4			
16/11/2012 20:11 63.6	18/11/2012 9:16 63.4	18/11/2012 18:21 62.7	20/11/2012 19:26 64.2	22/11/2012 20:31 62.4	24/11/2012 21:36 62.3			
16/11/2012 20:16 64.0	18/11/2012 9:21 63.1	18/11/2012 18:26 63.2	20/11/2012 19:31 64.4	22/11/2012 20:36 62.5	24/11/2012 21:41 61.8			
16/11/2012 20:21 63.3	18/11/2012 9:26 63.2	18/11/2012 18:31 62.4	20/11/2012 19:36 64.6	22/11/2012 20:41 63.0	24/11/2012 21:46 62.7			
16/11/2012 20:26 63.1	18/11/2012 9:31 63.6	18/11/2012 18:36 62.4	20/11/2012 19:41 65.1	22/11/2012 20:46 63.2	24/11/2012 21:51 62.2			
16/11/2012 20:31 63.0	18/11/2012 9:36 63.3	18/11/2012 18:41 63.0	20/11/2012 19:46 64.7	22/11/2012 20:51 62.6	24/11/2012 21:56 61.7			
16/11/2012 20:36 63.3	18/11/2012 9:41 63.6	18/11/2012 18:46 62.3	20/11/2012 19:51 65.0	22/11/2012 20:56 62.8	24/11/2012 22:01 61.4			
16/11/2012 20:41 63.0	18/11/2012 9:46 65.6	18/11/2012 18:51 63.7	20/11/2012 19:56 64.6	22/11/2012 21:01 62.7	24/11/2012 22:06 61.9			
16/11/2012 20:46 63.0	18/11/2012 9:51 65.7	18/11/2012 18:56 62.1	20/11/2012 20:01 64.7	22/11/2012 21:06 62.7	24/11/2012 22:11 62.3			
16/11/2012 20:51 62.9	18/11/2012 9:56 65.3	18/11/2012 19:01 62.3	20/11/2012 20:06 64.7	22/11/2012 21:11 63.0	24/11/2012 22:16 60.5			
16/11/2012 20:56 62.9	18/11/2012 10:01 65.2	18/11/2012 19:06 62.1	20/11/2012 20:11 65.2	22/11/2012 21:16 62.6	24/11/2012 22:21 60.6			
16/11/2012 21:01 62.9	18/11/2012 10:06 65.3	18/11/2012 19:11 61.6	20/11/2012 20:16 64.8	22/11/2012 21:21 62.7	24/11/2012 22:26 60.4			
16/11/2012 21:06 62.7	18/11/2012 10:11 66.4	18/11/2012 19:16 61.8	20/11/2012 20:21 63.9	22/11/2012 21:26 62.1	24/11/2012 22:31 60.7			
16/11/2012 21:11 62.0	18/11/2012 10:16 65.5	18/11/2012 19:21 62.4	20/11/2012 20:26 64.4	22/11/2012 21:31 61.9	24/11/2012 22:36 59.6			
16/11/2012 21:16 62.3	18/11/2012 10:21 65.3	18/11/2012 19:26 61.9	20/11/2012 20:31 64.6	22/11/2012 21:36 62.3	24/11/2012 22:41 60.7			
16/11/2012 21:21 62.6	18/11/2012 10:26 65.2	18/11/2012 19:31 61.9	20/11/2012 20:36 64.2	22/11/2012 21:41 62.4	24/11/2012 22:46 60.7			
16/11/2012 21:26 62.7	18/11/2012 10:31 66.3	18/11/2012 19:36 62.0	20/11/2012 20:41 64.6	22/11/2012 21:46 62.6	24/11/2012 22:51 60.0			
16/11/2012 21:31 62.5	18/11/2012 10:36 66.5	18/11/2012 19:41 61.8	20/11/2012 20:46 63.8	22/11/2012 21:51 62.2	24/11/2012 22:56 60.4			
16/11/2012 21:36 62.9	18/11/2012 10:41 66.5	18/11/2012 19:46 61.8	20/11/2012 20:51 63.5	22/11/2012 21:56 62.6	25/11/2012 7:01 61.8			
16/11/2012 21:41 62.3	18/11/2012 10:46 66.8	18/11/2012 19:51 61.9	20/11/2012 20:56 63.5	22/11/2012 22:01 62.4	25/11/2012 7:06 60.4			
16/11/2012 21:46 61.9	18/11/2012 10:51 65.2	18/11/2012 19:56 61.5	20/11/2012 21:01 64.1	22/11/2012 22:06 62.6	25/11/2012 7:11 60.6			
16/11/2012 21:51 62.0	18/11/2012 10:56 65.7	18/11/2012 20:01 61.5	20/11/2012 21:06 63.4	22/11/2012 22:11 62.0	25/11/2012 7:16 61.0			
16/11/2012 21:56 61.3	18/11/2012 11:01 66.1	18/11/2012 20:06 62.5	20/11/2012 21:11 63.0	22/11/2012 22:16 62.1	25/11/2012 7:21 60.9			
16/11/2012 22:01 61.4	18/11/2012 11:06 66.1	18/11/2012 20:11 62.1	20/11/2012 21:16 63.2	22/11/2012 22:21 62.4	25/11/2012 7:26 62.4			
16/11/2012 22:06 62.1	18/11/2012 11:11 66.5	18/11/2012 20:16 61.9	20/11/2012 21:21 63.1	22/11/2012 22:26 62.4	25/11/2012 7:31 61.9			
16/11/2012 22:11 61.5	18/11/2012 11:16 66.1	18/11/2012 20:21 61.6	20/11/2012 21:26 63.1	22/11/2012 22:31 61.6	25/11/2012 7:36 62.7			
16/11/2012 22:16 62.0	18/11/2012 11:21 65.9	18/11/2012 20:26 61.5	20/11/2012 21:31 63.0	22/11/2012 22:36 61.5	25/11/2012 7:41 62.2			
16/11/2012 22:21 62.2	18/11/2012 11:26 65.4	18/11/2012 20:31 61.2	20/11/2012 21:36 63.1	22/11/2012 22:41 61.5	25/11/2012 7:46 63.4			
16/11/2012 22:26 62.2	18/11/2012 11:31 65.5	18/11/2012 20:36 62.2	20/11/2012 21:41 62.9	22/11/2012 22:46 61.7	25/11/2012 7:51 62.4			
16/11/2012 22:31 62.2	18/11/2012 11:36 65.8	18/11/2012 20:41 61.3	20/11/2012 21:46 63.5	22/11/2012 22:51 61.6	25/11/2012 7:56 64.4			
16/11/2012 22:36 61.7	18/11/2012 11:41 65.1	18/11/2012 20:46 61.5	20/11/2012 21:51 63.0	22/11/2012 22:56 62.1	25/11/2012 8:01 61.9			
16/11/2012 22:41 61.9	18/11/2012 11:46 63.1	18/11/2012 20:51 61.3	20/11/2012 21:56 62.9	23/11/2012 19:01 66.6	25/11/2012 8:06 62.0			
16/11/2012 22:46 61.8	18/11/2012 11:51 64.0	18/11/2012 20:56 61.3	20/11/2012 22:01 62.6	23/11/2012 19:06 68.2	25/11/2012 8:11 61.9			
16/11/2012 22:51 61.9	18/11/2012 11:56 62.8	18/11/2012 21:01 61.4	20/11/2012 22:06 63.0	23/11/2012 19:11 67.6	25/11/2012 8:16 62.2			
16/11/2012 22:56 61.9	18/11/2012 12:01 63.6	18/11/2012 21:06 61.6	20/11/2012 22:11 62.3	23/11/2012 19:16 65.7	25/11/2012 8:21 63.1			
17/11/2012 19:01 63.6	18/11/2012 12:06 62.8	18/11/2012 21:11 62.1	20/11/2012 22:16 63.1	23/11/2012 19:21 64.5	25/11/2012 8:26 62.6			
17/11/2012 19:06 63.4	18/11/2012 12:11 63.3	18/11/2012 21:16 62.5	20/11/2012 22:21 62.2	23/11/2012 19:26 65.1	25/11/2012 8:31 63.2			
17/11/2012 19:11 63.7	18/11/2012 12:16 63.3	18/11/2012 21:21 62.0	20/11/2012 22:26 62.0	23/11/2012 19:31 64.6	25/11/2012 8:36 62.7			
17/11/2012 19:16 63.4	18/11/2012 12:21 63.5	18/11/2012 21:26 60.8	20/11/2012 22:31 61.9	23/11/2012 19:36 64.4	25/11/2012 8:41 63.1			
17/11/2012 19:21 64.1	18/11/2012 12:26 63.1	18/11/2012 21:31 61.7	20/11/2012 22:36 61.6	23/11/2012 19:41 63.0	25/11/2012 8:46 63.0			
17/11/2012 19:26 63.4	18/11/2012 12:31 63.2	18/11/2012 21:36 61.0	20/11/2012 22:41 62.3	23/11/2012 19:46 63.5	25/11/2012 8:51 63.1			
17/11/2012 19:31 62.9	18/11/2012 12:36 63.3	18/11/2012 21:41 62.2	20/11/2012 22:46 61.7	23/11/2012 19:51 63.5	25/11/2012 8:56 64.0			
17/11/2012 19:36 62.5	18/11/2012 12:41 63.6	18/11/2012 21:46 62.7	20/11/2012 22:51 62.0	23/11/2012 19:56 63.7	25/11/2012 9:01 63.0			
17/11/2012 19:41 63.0	18/11/2012 12:46 63.5	18/11/2012 21:51 62.6	20/11/2012 22:56 61.5	23/11/2012 20:01 63.6	25/11/2012 9:06 63.7			
17/11/2012 19:46 63.0	18/11/2012 12:51 63.6	18/11/2012 21:56 62.1	21/11/2012 19:01 63.4	23/11/2012 20:06 64.3	25/11/2012 9:11 63.9			
17/11/2012 19:51 61.7	18/11/2012 12:56 63.3							

Real-time Noise Data	RTN1 (Food and Environmental Hygiene Department Depot)					
25/11/2012 12:26 63.2	25/11/2012 21:31 62.0	27/11/2012 22:36 62.0	29/10/2012 0:31 59.7	30/10/2012 1:36 58.9	31/10/2012 2:41 59.9	
25/11/2012 12:31 63.1	25/11/2012 21:36 62.4	27/11/2012 22:41 62.2	29/10/2012 0:36 59.4	30/10/2012 1:41 59.1	31/10/2012 2:46 59.8	
25/11/2012 12:36 63.5	25/11/2012 21:41 62.7	27/11/2012 22:46 61.5	29/10/2012 0:41 59.9	30/10/2012 1:46 58.9	31/10/2012 2:51 60.6	
25/11/2012 12:41 63.6	25/11/2012 21:46 62.6	27/11/2012 22:51 61.9	29/10/2012 0:46 59.1	30/10/2012 1:51 58.6	31/10/2012 2:56 59.8	
25/11/2012 12:46 62.9	25/11/2012 21:51 63.0	27/11/2012 22:56 61.8	29/10/2012 0:51 60.2	30/10/2012 1:56 59.5	31/10/2012 3:01 59.8	
25/11/2012 12:51 64.7	25/11/2012 21:56 62.4		29/10/2012 0:56 58.6	30/10/2012 2:01 58.8	31/10/2012 3:06 59.4	
25/11/2012 12:56 64.3	25/11/2012 22:01 62.2	Night time: 23:00-07:00	29/10/2012 1:01 58.9	30/10/2012 2:06 58.7	31/10/2012 3:11 59.7	
25/11/2012 13:01 64.7	25/11/2012 22:06 62.4		29/10/2012 1:06 59.6	30/10/2012 2:11 59.0	31/10/2012 3:16 60.6	
25/11/2012 13:06 64.9	25/11/2012 22:11 63.3	28/10/2012 0:01 63.1	29/10/2012 1:11 59.1	30/10/2012 2:16 58.3	31/10/2012 3:21 59.3	
25/11/2012 13:11 65.9	25/11/2012 22:16 62.2	28/10/2012 0:06 63.0	29/10/2012 1:16 58.6	30/10/2012 2:21 58.1	31/10/2012 3:26 60.0	
25/11/2012 13:16 66.0	25/11/2012 22:21 62.4	28/10/2012 0:11 63.0	29/10/2012 1:21 58.9	30/10/2012 2:26 58.1	31/10/2012 3:31 60.1	
25/11/2012 13:21 68.4	25/11/2012 22:26 62.4	28/10/2012 0:16 63.1	29/10/2012 1:26 58.9	30/10/2012 2:31 58.7	31/10/2012 3:36 60.5	
25/11/2012 13:26 68.5	25/11/2012 22:31 61.9	28/10/2012 0:21 62.8	29/10/2012 1:31 57.7	30/10/2012 2:36 58.6	31/10/2012 3:41 59.0	
25/11/2012 13:31 68.7	25/11/2012 22:36 62.2	28/10/2012 0:26 62.2	29/10/2012 1:36 58.0	30/10/2012 2:41 58.8	31/10/2012 3:46 58.0	
25/11/2012 13:36 65.4	25/11/2012 22:41 63.0	28/10/2012 0:31 62.3	29/10/2012 1:41 58.1	30/10/2012 2:46 58.6	31/10/2012 3:51 58.7	
25/11/2012 13:41 67.7	25/11/2012 22:46 62.1	28/10/2012 0:36 61.9	29/10/2012 1:46 57.8	30/10/2012 2:51 58.9	31/10/2012 3:56 57.7	
25/11/2012 13:46 69.3	25/11/2012 22:51 61.6	28/10/2012 0:41 61.8	29/10/2012 1:51 58.5	30/10/2012 2:56 58.2	31/10/2012 4:01 59.8	
25/11/2012 13:51 66.6	25/11/2012 22:56 62.5	28/10/2012 0:46 62.3	29/10/2012 1:56 57.8	30/10/2012 3:01 58.1	31/10/2012 4:06 59.4	
25/11/2012 13:56 66.4	26/11/2012 19:01 64.1	28/10/2012 0:51 62.0	29/10/2012 2:01 57.9	30/10/2012 3:06 58.4	31/10/2012 4:11 59.0	
25/11/2012 14:01 68.2	26/11/2012 19:06 64.3	28/10/2012 0:56 62.3	29/10/2012 2:06 57.8	30/10/2012 3:11 58.5	31/10/2012 4:16 58.8	
25/11/2012 14:06 67.0	26/11/2012 19:11 64.3	28/10/2012 1:01 61.7	29/10/2012 2:11 59.0	30/10/2012 3:16 58.0	31/10/2012 4:21 58.8	
25/11/2012 14:11 66.7	26/11/2012 19:16 64.5	28/10/2012 1:06 61.2	29/10/2012 2:16 57.9	30/10/2012 3:21 57.7	31/10/2012 4:26 57.6	
25/11/2012 14:16 65.9	26/11/2012 19:21 64.1	28/10/2012 1:11 61.0	29/10/2012 2:21 57.9	30/10/2012 3:26 58.6	31/10/2012 4:31 58.1	
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25/11/2012 15:11 66.5	26/11/2012 20:16 64.6	28/10/2012 2:06 60.9	29/10/2012 3:16 56.8	30/10/2012 4:21 58.4	31/10/2012 5:26 61.8	
25/11/2012 15:16 68.1	26/11/2012 20:21 63.9	28/10/2012 2:11 60.5	29/10/2012 3:21 57.2	30/10/2012 4:26 65.0	31/10/2012 5:31 59.0	
25/11/2012 15:21 68.2	26/11/2012 20:26 64.6	28/10/2012 2:16 60.9	29/10/2012 3:26 56.3	30/10/2012 4:31 60.2	31/10/2012 5:36 59.9	
25/11/2012 15:26 66.0	26/11/2012 20:31 64.6	28/10/2012 2:21 60.5	29/10/2012 3:31 56.3	30/10/2012 4:36 59.0	31/10/2012 5:41 61.3	
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25/11/2012 15:36 65.6	26/11/2012 20:41 64.7	28/10/2012 2:31 60.2	29/10/2012 3:41 57.2	30/10/2012 4:46 59.3	31/10/2012 5:51 60.4	
25/11/2012 15:41 65.9	26/11/2012 20:46 64.2	28/10/2012 2:36 60.2	29/10/2012 3:46 57.6	30/10/2012 4:51 59.6	31/10/2012 5:56 58.9	
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25/11/2012 15:51 66.3	26/11/2012 20:56 63.8	28/10/2012 2:46 60.1	29/10/2012 3:56 56.4	30/10/2012 5:01 59.2	31/10/2012 6:06 61.8	
25/11/2012 15:56 66.0	26/11/2012 21:01 63.9	28/10/2012 2:51 60.4	29/10/2012 4:01 57.1	30/10/2012 5:06 58.9	31/10/2012 6:11 61.2	
25/11/2012 16:01 66.9	26/11/2012 21:06 64.1	28/10/2012 2:56 60.5	29/10/2012 4:06 56.7	30/10/2012 5:11 59.2	31/10/2012 6:16 62.1	
25/11/2012 16:06 66.3	26/11/2012 21:11 63.3	28/10/2012 3:01 60.2	29/10/2012 4:11 57.0	30/10/2012 5:16 59.2	31/10/2012 6:21 62.5	
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25/11/2012 16:26 65.6	26/11/2012 21:31 63.1	28/10/2012 3:21 60.1	29/10/2012 4:31 57.1	30/10/2012 5:36 59.8	31/10/2012 6:41 63.8	
25/11/2012 16:31 65.5	26/11/2012 21:36 63.4	28/10/2012 3:26 59.6	29/10/2012 4:36 56.8	30/10/2012 5:41 59.8	31/10/2012 6:46 63.2	
25/11/2012 16:36 65.6	26/11/2012 21:41 62.6	28/10/2012 3:31 59.8	29/10/2012 4:41 56.3	30/10/2012 5:46 60.0	31/10/2012 6:51 63.8	
25/11/2012 16:41 65.6	26/11/2012 21:46 63.6	28/10/2012 3:36 60.2	29/10/2012 4:46 56.7	30/10/2012 5:51 60.1	31/10/2012 6:56 64.7	
25/11/2012 16:46 65.5	26/11/2012 21:51 62.5	28/10/2012 3:41 59.8	29/10/2012 4:51 57.4	30/10/2012 5:56 60.8	31/10/2012 23:01 62.2	
25/11/2012 16:51 65.4	26/11/2012 21:56 62.4	28/10/2012 3:46 59.7	29/10/2012 4:56 57.5	30/10/2012 6:01 60.3	31/10/2012 23:06 62.2	
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25/11/2012 17:01 65.5	26/11/2012 22:06 62.5	28/10/2012 3:56 60.1	29/10/2012 5:06 57.7	30/10/2012 6:11 60.9	31/10/2012 23:16 62.9	
25/11/2012 17:06 65.5	26/11/2012 22:11 62.4	28/10/2012 4:01 59.1	29/10/2012 5:11 57.7	30/10/2012 6:16 61.2	31/10/2012 23:21 62.6	
25/11/2012 17:11 65.3	26/11/2012 22:16 63.2	28/10/2012 4:06 59.6	29/10/2012 5:16 57.8	30/10/2012 6:21 61.6	31/10/2012 23:26 62.2	
25/11/2012 17:16 65.5	26/11/2012 22:21 61.9	28/10/2012 4:11 59.4	29/10/2012 5:21 58.2	30/10/2012 6:26 61.8	31/10/2012 23:31 62.4	
25/11/2012 17:21 65.1	26/11/2012 22:26 61.3	28/10/2012 4:16 60.5	29/10/2012 5:26 57.9	30/10/2012 6:31 61.9	31/10/2012 23:36 62.2	
25/11/2012 17:26 65.3	26/11/2012 22:31 61.5	28/10/2012 4:21 59.7	29/10/2012 5:31 58.5	30/10/2012 6:36 62.1	31/10/2012 23:41 61.7	
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25/11/2012 17:36 65.4	26/11/2012 22:41 62.4	28/10/2012 4:31 59.2	29/10/2012 5:41 59.4	30/10/2012 6:46 63.0	31/10/2012 23:51 62.6	
25/11/2012 17:41 65.5	26/11/2012 22:46 61.8	28/10/2012 4:36 59.4	29/10/2012 5:46 58.9	30/10/2012 6:51 62.8	31/10/2012 23:56 61.8	
25/11/2012 17:46 65.6	26/11/2012 22:51 62.0	28/10/2012 4:41 59.9	29/10/2012 5:51 59.1	30/10/2012 6:56 63.4	1/11/2012 0:01 61.4	
25/11/2012 17:51 65.5	26/11/2012 22:56 61.2	28/10/2012 4:46 59.5	29/10/2012 5:56 58.7	30/10/2012 7:01 63.8	1/11/2012 0:06 63.2	
25/11/2012 17:56 64.9	27/11/2012 19:01 63.4	28/10/2012 4:51 59.6	29/10/2012 6:01 59.2	30/10/2012 7:06 63.9	1/11/2012 0:11 62.2	
25/11/2012 18:01 64.6	27/11/2012 19:06 66.5	28/10/2012 4:56 59.7	29/10/2012 6:06 60.2	30/10/2012 7:11 64.2	1/11/2012 0:16 62.4	
25/11/2012 18:06 64.7	27/11/2012 19:11 63.6	28/10/2012 5:01 60.2	29/10/2012 6:11 59.7	30/10/2012 7:16 63.9	1/11/2012 0:21 61.7	
25/11/2012 18:11 64.7	27/11/2012 19:16 64.9	28/10/2012 5:06 60.3	29/10/2012 6:16 60.1	30/10/2012 7:21 63.9	1/11/2012 0:26 67.4	
25/11/2012 18:16 64.9	27/11/2012 19:21 63.5	28/10/2012 5:11 59.5	29/10/2012 6:21 60.1	30/10/2012 7:26 64.2	1/11/2012 0:31 60.9	
25/11/2012 18:21 64.9	27/11/2012 19:26 64.3	28/10/2012 5:16 59.4	29/10/2012 6:26 60.7	30/10/2012 7:31 64.2	1/11/2012 0:36 61.0	
25/11/2012 18:26 65.3	27/11/2012 19:31 63.7	28/10/2012 5:21 59.4	29/10/2012 6:31 61.0	30/10/2012 7:36 64.2	1/11/2012 0:41 60.5	
25/11/2012 18:31 63.2	27/11/2012 19:36 63.7	28/10/2012 5:26 59.9	29/10/2012 6:36 61.7	30/10/2012 7:41 63.6	1/11/2012 0:46 60.5	
25/11/2012 18:36 63.5	27/11/2012 19:41 64.2	28/10/2012 5:31 59.4	29/10/2012 6:41 61.7	30/10/2012 7:46 63.6	1/11/2012 0:51 60.4	
25/11/2012 18:41 63.2	27/11/2012 19:46 64.0	28/10/2012 5:36 60.1	29/10/2012 6:46 61.9	30/10/2012 7:51 63.7	1/11/2012 0:56 61.2	
25/11/2012 18:46 63.2	27/11/2012 19:51 64.5	28/10/2012 5:41 59.9	29/10/2012 6:51			

Real-time Noise Data		RTN1 (Food and Environmental Hygiene Department Depot)					
1/11/2012 3:46	58.9	2/11/2012 4:51	57.9	3/11/2012 5:56	59.5	4/11/2012 23:01	61.4
1/11/2012 3:51	59.5	2/11/2012 4:56	57.7	3/11/2012 6:01	60.6	4/11/2012 23:06	61.1
1/11/2012 3:56	58.9	2/11/2012 5:01	58.2	3/11/2012 6:06	59.4	4/11/2012 23:11	61.7
1/11/2012 4:01	59.1	2/11/2012 5:06	58.2	3/11/2012 6:11	60.0	4/11/2012 23:16	62.0
1/11/2012 4:06	59.0	2/11/2012 5:11	56.7	3/11/2012 6:16	59.7	4/11/2012 23:21	61.1
1/11/2012 4:11	58.7	2/11/2012 5:16	58.3	3/11/2012 6:21	60.4	4/11/2012 23:26	60.9
1/11/2012 4:16	58.8	2/11/2012 5:21	59.5	3/11/2012 6:26	60.7	4/11/2012 23:31	61.2
1/11/2012 4:21	57.9	2/11/2012 5:26	58.4	3/11/2012 6:31	61.2	4/11/2012 23:36	61.3
1/11/2012 4:26	58.2	2/11/2012 5:31	58.2	3/11/2012 6:36	60.7	4/11/2012 23:41	61.3
1/11/2012 4:31	57.9	2/11/2012 5:36	58.5	3/11/2012 6:41	61.9	4/11/2012 23:46	61.5
1/11/2012 4:36	58.1	2/11/2012 5:41	60.9	3/11/2012 6:46	63.0	4/11/2012 23:51	60.4
1/11/2012 4:41	57.4	2/11/2012 5:46	60.3	3/11/2012 6:51	62.1	4/11/2012 23:56	60.6
1/11/2012 4:46	58.4	2/11/2012 5:51	58.7	3/11/2012 6:56	61.9	5/11/2012 0:01	61.4
1/11/2012 4:51	58.7	2/11/2012 5:56	59.6	3/11/2012 23:01	61.7	5/11/2012 0:06	61.1
1/11/2012 4:56	59.1	2/11/2012 6:01	59.5	3/11/2012 23:06	61.7	5/11/2012 0:11	61.2
1/11/2012 5:01	58.1	2/11/2012 6:06	59.9	3/11/2012 23:11	61.6	5/11/2012 0:16	61.0
1/11/2012 5:06	57.7	2/11/2012 6:11	60.6	3/11/2012 23:16	62.6	5/11/2012 0:21	60.9
1/11/2012 5:11	57.8	2/11/2012 6:16	61.2	3/11/2012 23:21	61.9	5/11/2012 0:26	59.9
1/11/2012 5:16	59.0	2/11/2012 6:21	61.3	3/11/2012 23:26	61.5	5/11/2012 0:31	61.0
1/11/2012 5:21	59.7	2/11/2012 6:26	60.6	3/11/2012 23:31	61.6	5/11/2012 0:36	59.8
1/11/2012 5:26	59.2	2/11/2012 6:31	62.3	3/11/2012 23:36	61.6	5/11/2012 0:41	59.5
1/11/2012 5:31	58.4	2/11/2012 6:36	61.9	3/11/2012 23:41	62.1	5/11/2012 0:46	59.3
1/11/2012 5:36	59.8	2/11/2012 6:41	63.0	3/11/2012 23:46	61.5	5/11/2012 0:51	58.7
1/11/2012 5:41	60.5	2/11/2012 6:46	62.4	3/11/2012 23:51	61.1	5/11/2012 0:56	59.4
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1/11/2012 5:56	58.7	2/11/2012 23:01	62.2	4/11/2012 0:06	61.5	5/11/2012 1:11	58.0
1/11/2012 6:01	60.4	2/11/2012 23:06	61.9	4/11/2012 0:11	61.1	5/11/2012 1:16	58.7
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1/11/2012 6:16	61.3	2/11/2012 23:21	61.8	4/11/2012 0:26	61.2	5/11/2012 1:31	58.1
1/11/2012 6:21	62.1	2/11/2012 23:26	61.6	4/11/2012 0:31	61.3	5/11/2012 1:36	59.2
1/11/2012 6:26	61.8	2/11/2012 23:31	62.0	4/11/2012 0:36	61.0	5/11/2012 1:41	58.9
1/11/2012 6:31	62.2	2/11/2012 23:36	62.0	4/11/2012 0:41	60.8	5/11/2012 1:46	58.1
1/11/2012 6:36	62.4	2/11/2012 23:41	61.8	4/11/2012 0:46	60.8	5/11/2012 1:51	58.7
1/11/2012 6:41	64.1	2/11/2012 23:46	61.5	4/11/2012 0:51	60.9	5/11/2012 1:56	57.4
1/11/2012 6:46	62.8	2/11/2012 23:51	61.8	4/11/2012 0:56	60.4	5/11/2012 2:01	58.6
1/11/2012 6:51	62.8	2/11/2012 23:56	61.2	4/11/2012 1:01	59.9	5/11/2012 2:06	57.9
1/11/2012 6:56	63.7	3/11/2012 0:01	61.1	4/11/2012 1:06	60.0	5/11/2012 2:11	57.0
1/11/2012 23:01	62.1	3/11/2012 0:06	61.3	4/11/2012 1:11	60.5	5/11/2012 2:16	57.8
1/11/2012 23:06	61.6	3/11/2012 0:11	61.3	4/11/2012 1:16	59.5	5/11/2012 2:21	58.1
1/11/2012 23:11	61.2	3/11/2012 0:16	61.6	4/11/2012 1:21	60.2	5/11/2012 2:26	56.4
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1/11/2012 23:26	63.4	3/11/2012 0:31	60.5	4/11/2012 1:36	60.5	5/11/2012 2:41	57.3
1/11/2012 23:31	61.4	3/11/2012 0:36	60.0	4/11/2012 1:41	59.5	5/11/2012 2:46	57.7
1/11/2012 23:36	61.2	3/11/2012 0:41	59.9	4/11/2012 1:46	60.0	5/11/2012 2:51	57.6
1/11/2012 23:41	61.2	3/11/2012 0:46	60.4	4/11/2012 1:51	59.8	5/11/2012 2:56	56.5
1/11/2012 23:46	61.0	3/11/2012 0:51	61.1	4/11/2012 1:56	59.5	5/11/2012 3:01	57.0
1/11/2012 23:51	60.8	3/11/2012 0:56	60.8	4/11/2012 2:01	60.7	5/11/2012 3:06	57.3
1/11/2012 23:56	61.1	3/11/2012 1:01	60.5	4/11/2012 2:06	58.7	5/11/2012 3:11	57.8
2/11/2012 0:01	61.2	3/11/2012 1:06	60.3	4/11/2012 2:11	59.1	5/11/2012 3:16	56.9
2/11/2012 0:06	61.4	3/11/2012 1:11	60.8	4/11/2012 2:16	59.1	5/11/2012 3:21	57.0
2/11/2012 0:11	61.3	3/11/2012 1:16	60.2	4/11/2012 2:21	59.1	5/11/2012 3:26	56.9
2/11/2012 0:16	60.8	3/11/2012 1:21	63.7	4/11/2012 2:26	59.4	5/11/2012 3:31	57.2
2/11/2012 0:21	60.8	3/11/2012 1:26	60.9	4/11/2012 2:31	59.2	5/11/2012 3:36	57.4
2/11/2012 0:26	60.4	3/11/2012 1:31	59.7	4/11/2012 2:36	58.8	5/11/2012 3:41	58.1
2/11/2012 0:31	61.4	3/11/2012 1:36	61.6	4/11/2012 2:41	58.4	5/11/2012 3:46	59.2
2/11/2012 0:36	61.1	3/11/2012 1:41	59.9	4/11/2012 2:46	59.1	5/11/2012 3:51	57.5
2/11/2012 0:41	59.7	3/11/2012 1:46	60.0	4/11/2012 2:51	59.2	5/11/2012 3:56	57.2
2/11/2012 0:46	60.1	3/11/2012 1:51	59.7	4/11/2012 2:56	59.3	5/11/2012 4:01	57.3
2/11/2012 0:51	59.9	3/11/2012 1:56	59.8	4/11/2012 3:01	59.4	5/11/2012 4:06	57.6
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2/11/2012 1:21	59.7	3/11/2012 2:26	59.8	4/11/2012 3:31	59.3	5/11/2012 4:36	57.6
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2/11/2012 1:46	59.8	3/11/2012 2:51	59.6	4/11/2012 3:56	58.9	5/11/2012 5:01	57.2
2/11/2012 1:51	59.4	3/11/2012 2:56	58.7	4/11/2012 4:01	59.2	5/11/2012 5:06	58.6
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2/11/2012 2:16	63.9	3/11/2012 3:21	59.1	4/11/2012 4:26	58.4	5/11/2012 5:31	57.9
2/11/2012 2:21	58.2	3/11/2012 3:26	58.6	4/11/2012 4:31	58.5	5/11/2012 5:36	58.2
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2/11/2012 2:56	59.0	3/11/2012 4:01	58.3	4/11/2012 5:06	59.6	5/11/2012 6:11	59.3
2/11/2012 3:01	58.0	3/11/2012 4:06	58.5	4/11/2012 5:11	59.1	5/11/2012 6:16	61.2
2/11/2012 3:06	57.7	3/11/2012 4:11	58.2	4/11/2012 5:16	58.8	5/11/2012 6:21	60.9
2/11/2012 3:11	57.7	3/11/2012 4:16	58.1	4/11/2012 5:21	59.1	5/11/2012 6:26	61.3
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2/11/2012 3:26	57.2	3/11/2012 4:31	58.2	4/11/2012 5:36	60.1	5/11/2012 6:41	62.5
2/11/2012 3:31	58.1	3/11/2012 4:36	57.9	4/11/2012 5:41	59.7	5/11/2012 6:46	62.3
2/11/2012 3:36	58.4	3/11/2012 4:41	58.1	4/11/2012 5:46	60.9	5/11/2012 6:51	62.9
2/11/2012 3:41	57.6	3/11/2012 4:46	57.8	4/11/2012 5:51	59.4	5/11/2012 6:56	62.6
2/11/2012 3:46	58.5	3/11/2012 4:51	58.4	4/11/2012 5:56	59.7	5/11/2012 23:01	61.7
2/11/2012 3:51	57.3	3/11/2012 4:56	58.8	4/11/2012 6:01	60.3	5/11/2012 23:06	61.5
2/11/2012 3:56	56.5	3/11/2012 5:01	58.6	4/11/2012 6:06	60.7	5/11/2012 23:11	61.4
2/11/2012 4:01	57.6	3/11/2012 5:06	59.1	4/11/2012 6:11	60.8	5/11/2012 23:16	61.9
2/11/2012 4:06	57.9	3/11/2012 5:11	58.7	4/11/2012 6:16	63.2	5/11/2012 23:21	61.5
2/11/2012 4:11	57.3	3/11/2012 5:16	58.7	4/11/2012 6:21	60.9	5/11/2012 23:26	61.8
2/11/2012 4:16	58.1	3/11/2012 5:21	58.3	4/11/2012 6:26	62.6	5/11/2012 23:31	61.5
2/11/2012 4:21	57.6	3/11/2012 5:26	58.3	4/11/2012 6:31	61.0	5/11/2012 23:36	61.2
2/11/2012 4:26	56.7	3/11/2012 5:31					

Real-time Noise Data		RTN1 (Food and Environmental Hygiene Department Depot)					
8/11/2012 2:16	58.0	9/11/2012 3:21	57.4	10/11/2012 4:26	58.5	11/11/2012 5:31	58.9
8/11/2012 2:21	58.0	9/11/2012 3:26	58.4	10/11/2012 4:31	58.6	11/11/2012 5:36	59.4
8/11/2012 2:26	57.8	9/11/2012 3:31	61.9	10/11/2012 4:36	58.1	11/11/2012 5:41	59.7
8/11/2012 2:31	58.3	9/11/2012 3:36	57.6	10/11/2012 4:41	58.8	11/11/2012 5:46	60.1
8/11/2012 2:36	57.9	9/11/2012 3:41	58.3	10/11/2012 4:46	60.9	11/11/2012 5:51	59.7
8/11/2012 2:41	58.4	9/11/2012 3:46	58.1	10/11/2012 4:51	58.2	11/11/2012 5:56	59.2
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8/11/2012 2:51	57.9	9/11/2012 3:56	57.6	10/11/2012 5:01	59.2	11/11/2012 6:06	60.0
8/11/2012 2:56	57.5	9/11/2012 4:01	57.6	10/11/2012 5:06	58.7	11/11/2012 6:11	60.2
8/11/2012 3:01	57.5	9/11/2012 4:06	57.4	10/11/2012 5:11	58.4	11/11/2012 6:16	60.1
8/11/2012 3:06	57.1	9/11/2012 4:11	57.9	10/11/2012 5:16	58.3	11/11/2012 6:21	60.4
8/11/2012 3:11	57.0	9/11/2012 4:16	57.5	10/11/2012 5:21	58.3	11/11/2012 6:26	61.6
8/11/2012 3:16	57.5	9/11/2012 4:21	57.4	10/11/2012 5:26	59.0	11/11/2012 6:31	60.5
8/11/2012 3:21	57.4	9/11/2012 4:26	57.5	10/11/2012 5:31	58.4	11/11/2012 6:36	62.0
8/11/2012 3:26	57.7	9/11/2012 4:31	57.3	10/11/2012 5:36	59.5	11/11/2012 6:41	61.2
8/11/2012 3:31	57.5	9/11/2012 4:36	57.3	10/11/2012 5:41	59.1	11/11/2012 6:46	61.7
8/11/2012 3:36	57.2	9/11/2012 4:41	57.7	10/11/2012 5:46	59.0	11/11/2012 6:51	64.1
8/11/2012 3:41	57.2	9/11/2012 4:46	58.3	10/11/2012 5:51	59.6	11/11/2012 6:56	61.5
8/11/2012 3:46	57.4	9/11/2012 4:51	58.1	10/11/2012 5:56	59.9	11/11/2012 23:01	65.3
8/11/2012 3:51	56.6	9/11/2012 4:56	57.6	10/11/2012 6:01	59.1	11/11/2012 23:06	64.1
8/11/2012 3:56	58.2	9/11/2012 5:01	58.1	10/11/2012 6:06	59.5	11/11/2012 23:11	66.4
8/11/2012 4:01	58.1	9/11/2012 5:06	58.4	10/11/2012 6:11	60.1	11/11/2012 23:16	64.4
8/11/2012 4:06	56.7	9/11/2012 5:11	58.1	10/11/2012 6:16	59.6	11/11/2012 23:21	63.6
8/11/2012 4:11	57.3	9/11/2012 5:16	58.8	10/11/2012 6:21	60.5	11/11/2012 23:26	64.1
8/11/2012 4:16	57.3	9/11/2012 5:21	58.2	10/11/2012 6:26	61.0	11/11/2012 23:31	64.3
8/11/2012 4:21	57.6	9/11/2012 5:26	58.4	10/11/2012 6:31	60.1	11/11/2012 23:36	64.2
8/11/2012 4:26	57.2	9/11/2012 5:31	58.0	10/11/2012 6:36	60.9	11/11/2012 23:41	63.7
8/11/2012 4:31	57.0	9/11/2012 5:36	58.4	10/11/2012 6:41	60.8	11/11/2012 23:46	64.5
8/11/2012 4:36	57.4	9/11/2012 5:41	59.2	10/11/2012 6:46	61.8	11/11/2012 23:51	64.9
8/11/2012 4:41	57.5	9/11/2012 5:46	59.5	10/11/2012 6:51	61.9	11/11/2012 23:56	63.6
8/11/2012 4:46	56.8	9/11/2012 5:51	59.4	10/11/2012 6:56	62.1	12/11/2012 0:01	64.4
8/11/2012 4:51	58.4	9/11/2012 5:56	58.7	10/11/2012 23:01	61.7	12/11/2012 0:06	63.8
8/11/2012 4:56	57.5	9/11/2012 6:01	60.0	10/11/2012 23:06	61.4	12/11/2012 0:11	63.6
8/11/2012 5:01	58.1	9/11/2012 6:06	59.6	10/11/2012 23:11	60.6	12/11/2012 0:16	63.7
8/11/2012 5:06	57.7	9/11/2012 6:11	60.5	10/11/2012 23:16	61.5	12/11/2012 0:21	64.0
8/11/2012 5:11	57.8	9/11/2012 6:16	60.6	10/11/2012 23:21	61.9	12/11/2012 0:26	64.8
8/11/2012 5:16	58.3	9/11/2012 6:21	61.6	10/11/2012 23:26	61.2	12/11/2012 0:31	64.0
8/11/2012 5:21	57.8	9/11/2012 6:26	61.3	10/11/2012 23:31	61.5	12/11/2012 0:36	64.4
8/11/2012 5:26	58.3	9/11/2012 6:31	61.2	10/11/2012 23:36	61.5	12/11/2012 0:41	63.2
8/11/2012 5:31	58.6	9/11/2012 6:36	62.0	10/11/2012 23:41	61.2	12/11/2012 0:46	62.8
8/11/2012 5:36	58.0	9/11/2012 6:41	62.4	10/11/2012 23:46	61.1	12/11/2012 0:51	64.2
8/11/2012 5:41	58.6	9/11/2012 6:46	62.3	10/11/2012 23:51	61.3	12/11/2012 0:56	63.3
8/11/2012 5:46	59.6	9/11/2012 6:51	62.8	10/11/2012 23:56	61.6	12/11/2012 1:01	63.0
8/11/2012 5:51	59.1	9/11/2012 6:56	63.2	11/11/2012 0:01	61.3	12/11/2012 1:06	63.7
8/11/2012 5:56	59.4	9/11/2012 7:01	62.9	11/11/2012 0:06	61.0	12/11/2012 1:11	62.9
8/11/2012 6:01	59.1	9/11/2012 23:06	64.6	11/11/2012 0:11	60.9	12/11/2012 1:16	63.9
8/11/2012 6:06	59.9	9/11/2012 23:11	63.9	11/11/2012 0:16	60.7	12/11/2012 1:21	62.6
8/11/2012 6:11	60.0	9/11/2012 23:16	63.1	11/11/2012 0:21	61.4	12/11/2012 1:26	62.4
8/11/2012 6:16	60.3	9/11/2012 23:21	64.9	11/11/2012 0:26	61.2	12/11/2012 1:31	66.2
8/11/2012 6:21	60.2	9/11/2012 23:26	64.3	11/11/2012 0:31	61.5	12/11/2012 1:36	63.0
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8/11/2012 6:56	62.8	10/11/2012 0:01	64.5	11/11/2012 1:06	60.9	12/11/2012 2:11	60.2
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9/11/2012 2:41	58.3	10/11/2012 3:46	58.1	11/11/2012 4:51	57.9	12/11/2012 5:56	61.7
9/11/2012 2:46	58.1	10/11/2012					

Real-time Noise Data		RTN1 (Food and Environmental Hygiene Department Depot)					
15/11/2012 0:46	59.3	16/11/2012 1:51	59.1	17/11/2012 2:56	60.0	18/11/2012 4:01	57.4
15/11/2012 0:51	60.0	16/11/2012 1:56	59.0	17/11/2012 3:01	59.8	18/11/2012 4:06	56.8
15/11/2012 0:56	60.1	16/11/2012 2:01	58.3	17/11/2012 3:06	60.1	18/11/2012 4:11	58.0
15/11/2012 1:01	59.3	16/11/2012 2:06	58.3	17/11/2012 3:11	59.4	18/11/2012 4:16	57.7
15/11/2012 1:06	59.0	16/11/2012 2:11	59.0	17/11/2012 3:16	59.6	18/11/2012 4:21	58.1
15/11/2012 1:11	59.5	16/11/2012 2:16	57.9	17/11/2012 3:21	59.0	18/11/2012 4:26	57.8
15/11/2012 1:16	59.0	16/11/2012 2:21	58.1	17/11/2012 3:26	59.1	18/11/2012 4:31	57.5
15/11/2012 1:21	58.6	16/11/2012 2:26	58.1	17/11/2012 3:31	59.4	18/11/2012 4:36	57.2
15/11/2012 1:26	57.9	16/11/2012 2:31	58.1	17/11/2012 3:36	58.2	18/11/2012 4:41	57.5
15/11/2012 1:31	58.8	16/11/2012 2:36	59.2	17/11/2012 3:41	58.2	18/11/2012 4:46	56.8
15/11/2012 1:36	58.6	16/11/2012 2:41	58.4	17/11/2012 3:46	58.3	18/11/2012 4:51	57.0
15/11/2012 1:41	57.9	16/11/2012 2:46	58.0	17/11/2012 3:51	58.5	18/11/2012 4:56	57.0
15/11/2012 1:46	59.4	16/11/2012 2:51	58.0	17/11/2012 3:56	58.5	18/11/2012 5:01	57.0
15/11/2012 1:51	58.3	16/11/2012 2:56	57.5	17/11/2012 4:01	57.8	18/11/2012 5:06	58.2
15/11/2012 1:56	58.0	16/11/2012 3:01	57.7	17/11/2012 4:06	58.5	18/11/2012 5:11	56.9
15/11/2012 2:01	58.5	16/11/2012 3:06	59.0	17/11/2012 4:11	58.2	18/11/2012 5:16	57.6
15/11/2012 2:06	58.2	16/11/2012 3:11	57.6	17/11/2012 4:16	59.3	18/11/2012 5:21	57.3
15/11/2012 2:11	58.4	16/11/2012 3:16	56.9	17/11/2012 4:21	59.0	18/11/2012 5:26	56.9
15/11/2012 2:16	58.2	16/11/2012 3:21	56.9	17/11/2012 4:26	59.6	18/11/2012 5:31	58.5
15/11/2012 2:21	57.6	16/11/2012 3:26	57.1	17/11/2012 4:31	58.7	18/11/2012 5:36	57.7
15/11/2012 2:26	57.7	16/11/2012 3:31	57.6	17/11/2012 4:36	59.6	18/11/2012 5:41	57.9
15/11/2012 2:31	57.7	16/11/2012 3:36	57.5	17/11/2012 4:41	58.1	18/11/2012 5:46	59.0
15/11/2012 2:36	58.0	16/11/2012 3:41	57.5	17/11/2012 4:46	59.1	18/11/2012 5:51	59.7
15/11/2012 2:41	57.7	16/11/2012 3:46	57.6	17/11/2012 4:51	58.8	18/11/2012 5:56	57.3
15/11/2012 2:46	57.5	16/11/2012 3:51	57.6	17/11/2012 4:56	58.7	18/11/2012 6:01	57.6
15/11/2012 2:51	57.1	16/11/2012 3:56	57.4	17/11/2012 5:01	59.0	18/11/2012 6:06	58.2
15/11/2012 2:56	57.6	16/11/2012 4:01	57.5	17/11/2012 5:06	58.2	18/11/2012 6:11	58.4
15/11/2012 3:01	58.2	16/11/2012 4:06	57.3	17/11/2012 5:11	58.5	18/11/2012 6:16	58.6
15/11/2012 3:06	58.1	16/11/2012 4:11	57.5	17/11/2012 5:16	57.7	18/11/2012 6:21	59.0
15/11/2012 3:11	56.8	16/11/2012 4:16	57.1	17/11/2012 5:21	57.9	18/11/2012 6:26	60.5
15/11/2012 3:16	57.4	16/11/2012 4:21	57.0	17/11/2012 5:26	57.6	18/11/2012 6:31	59.0
15/11/2012 3:21	57.3	16/11/2012 4:26	57.3	17/11/2012 5:31	58.3	18/11/2012 6:36	59.8
15/11/2012 3:26	58.1	16/11/2012 4:31	57.7	17/11/2012 5:36	58.8	18/11/2012 6:41	60.2
15/11/2012 3:31	57.2	16/11/2012 4:36	57.5	17/11/2012 5:41	59.6	18/11/2012 6:46	59.9
15/11/2012 3:36	56.5	16/11/2012 4:41	57.2	17/11/2012 5:46	59.0	18/11/2012 6:51	60.1
15/11/2012 3:41	57.6	16/11/2012 4:46	57.4	17/11/2012 5:51	58.9	18/11/2012 6:56	60.4
15/11/2012 3:46	57.4	16/11/2012 4:51	57.6	17/11/2012 5:56	58.9	18/11/2012 7:01	60.8
15/11/2012 3:51	57.1	16/11/2012 4:56	57.8	17/11/2012 6:01	59.2	18/11/2012 7:06	61.1
15/11/2012 3:56	56.9	16/11/2012 5:01	58.0	17/11/2012 6:06	58.9	18/11/2012 7:11	61.8
15/11/2012 4:01	57.1	16/11/2012 5:06	58.3	17/11/2012 6:11	59.3	18/11/2012 7:16	61.3
15/11/2012 4:06	57.5	16/11/2012 5:11	57.8	17/11/2012 6:16	59.5	18/11/2012 7:21	61.5
15/11/2012 4:11	57.6	16/11/2012 5:16	58.0	17/11/2012 6:21	60.3	18/11/2012 7:26	61.6
15/11/2012 4:16	57.5	16/11/2012 5:21	58.4	17/11/2012 6:26	60.6	18/11/2012 7:31	61.5
15/11/2012 4:21	57.6	16/11/2012 5:26	57.8	17/11/2012 6:31	60.6	18/11/2012 7:36	61.3
15/11/2012 4:26	57.1	16/11/2012 5:31	59.3	17/11/2012 6:36	61.3	18/11/2012 7:41	60.9
15/11/2012 4:31	56.8	16/11/2012 5:36	58.7	17/11/2012 6:41	61.4	18/11/2012 7:46	61.3
15/11/2012 4:36	56.8	16/11/2012 5:41	59.1	17/11/2012 6:46	61.8	18/11/2012 7:51	61.0
15/11/2012 4:41	56.5	16/11/2012 5:46	58.7	17/11/2012 6:51	62.5	18/11/2012 7:56	60.9
15/11/2012 4:46	57.6	16/11/2012 5:51	59.2	17/11/2012 6:56	61.7	19/11/2012 0:01	61.1
15/11/2012 4:51	57.0	16/11/2012 5:56	58.9	17/11/2012 7:01	60.6	19/11/2012 0:06	61.1
15/11/2012 4:56	57.5	16/11/2012 6:01	59.2	17/11/2012 7:06	60.9	19/11/2012 0:11	61.1
15/11/2012 5:01	57.4	16/11/2012 6:06	59.1	17/11/2012 7:11	61.2	19/11/2012 0:16	60.7
15/11/2012 5:06	57.6	16/11/2012 6:11	59.6	17/11/2012 7:16	61.4	19/11/2012 0:21	61.1
15/11/2012 5:11	57.9	16/11/2012 6:16	59.9	17/11/2012 7:21	61.5	19/11/2012 0:26	60.7
15/11/2012 5:16	58.0	16/11/2012 6:21	60.3	17/11/2012 7:26	61.8	19/11/2012 0:31	60.6
15/11/2012 5:21	57.7	16/11/2012 6:26	60.7	17/11/2012 7:31	62.1	19/11/2012 0:36	59.6
15/11/2012 5:26	57.7	16/11/2012 6:31	61.0	17/11/2012 7:36	63.0	19/11/2012 0:41	60.1
15/11/2012 5:31	57.8	16/11/2012 6:36	61.2	17/11/2012 7:41	62.6	19/11/2012 0:46	59.9
15/11/2012 5:36	58.2	16/11/2012 6:41	61.9	17/11/2012 7:46	61.9	19/11/2012 0:51	59.8
15/11/2012 5:41	58.9	16/11/2012 6:46	61.9	17/11/2012 7:51	61.5	19/11/2012 0:56	59.7
15/11/2012 5:46	58.9	16/11/2012 6:51	62.4	17/11/2012 7:56	61.7	19/11/2012 1:01	59.4
15/11/2012 5:51	58.6	16/11/2012 6:56	62.2	18/11/2012 0:01	62.1	19/11/2012 1:06	59.7
15/11/2012 5:56	58.9	16/11/2012 7:01	62.1	18/11/2012 0:06	61.5	19/11/2012 1:11	59.8
15/11/2012 6:01	59.1	16/11/2012 7:06	61.9	18/11/2012 0:11	62.0	19/11/2012 1:16	60.1
15/11/2012 6:06	59.4	16/11/2012 7:11	62.0	18/11/2012 0:16	61.4	19/11/2012 1:21	59.8
15/11/2012 6:11	59.9	16/11/2012 7:16	62.0	18/11/2012 0:21	61.9	19/11/2012 1:26	59.1
15/11/2012 6:16	60.3	16/11/2012 7:21	61.7	18/11/2012 0:26	61.4	19/11/2012 1:31	58.8
15/11/2012 6:21	60.2	16/11/2012 7:26	61.5	18/11/2012 0:31	61.8	19/11/2012 1:36	59.7
15/11/2012 6:26	60.8	16/11/2012 7:31	61.6	18/11/2012 0:36	61.3	19/11/2012 1:41	58.7
15/11/2012 6:31	61.4	16/11/2012 7:36	61.8	18/11/2012 0:41	61.3	19/11/2012 1:46	58.9
15/11/2012 6:36	61.2	16/11/2012 7:41	61.3	18/11/2012 0:46	60.9	19/11/2012 1:51	59.3
15/11/2012 6:41	62.3	16/11/2012 7:46	62.0	18/11/2012 0:51	59.7	19/11/2012 1:56	59.3
15/11/2012 6:46	62.1	16/11/2012 7:51	60.7	18/11/2012 0:56	60.3	19/11/2012 2:01	58.9
15/11/2012 6:51	62.4	16/11/2012 7:56	60.7	18/11/2012 1:01	59.3	19/11/2012 2:06	59.1
15/11/2012 6:56	62.7	17/11/2012 0:01	61.2	18/11/2012 1:06	59.9	19/11/2012 2:11	58.6
15/11/2012 7:01	61.4	17/11/2012 0:06	61.2	18/11/2012 1:11	59.3	19/11/2012 2:16	58.3
15/11/2012 7:06	61.5	17/11/2012 0:11	60.7	18/11/2012 1:16	60.3	19/11/2012 2:21	58.9
15/11/2012 7:11	60.7	17/11/2012 0:16	61.0	18/11/2012 1:21	59.2	19/11/2012 2:26	57.0
15/11/2012 7:16	62.6	17/11/2012 0:21	60.9	18/11/2012 1:26	59.2	19/11/2012 2:31	58.7
15/11/2012 7:21	61.6	17/11/2012 0:26	60.9	18/11/2012 1:31	59.7	19/11/2012 2:36	57.9
15/11/2012 7:26	61.1	17/11/2012 0:31	61.2	18/11/2012 1:36	60.3	19/11/2012 2:41	57.8
15/11/2012 7:31	61.2	17/11/2012 0:36	61.1	18/11/2012 1:41	59.8	19/11/2012 2:46	57.9
15/11/2012 7:36	60.6	17/11/2012 0:41	60.5	18/11/2012 1:46	59.3	19/11/2012 2:51	57.7
15/11/2012 7:41	61.2	17/11/2012 0:46	60.2	18/11/2012 1:51	59.7	19/11/2012 2:56	57.9
15/11/2012 7:46	61.2	17/11/2012 0:51	60.1	18/11/2012 1:56	59.1	19/11/2012 3:01	57.4
15/11/2012 7:51	60.9	17/11/2012 0:56	59.7	18/11/2012 2:01	58.7	19/11/2012 3:06	58.1
15/11/2012 7:56	61.0	17/11/2012 1:01	59.4	18/11/2012 2:06	60.0	19/11/2012 3:11	57.9
16/11/2012 0:01	61.0	17/11/2012 1:06	59.6	18/11/2012 2:11	59.3	19/11/2012 3:16	57.9
16/11/2012 0:06	61.0	17/11/2012 1:11	59.4	18/11/2012 2:16	58.5	19/11/2012 3:21	57.2
16/11/2012 0:11	60.8	17/11/2012 1:16	60.1	18/11/2012 2:21	59.3	19/11/2012 3:26	57.0
16/11/2012 0:16	60.5	17/11/2012 1:21	59.7	18/11/2012 2:26	58.7	19/11/2012 3:31	57.6
16/11/2012 0:21	60.1	17/11/2012 1:26	59.0	18/11/2012 2:31	58.7	19/11/2012 3:36	57.8
16/11/2012 0:26	60.3	17/11/2012 1:31	60.7	18/11/2012 2:36	58.6	19/11/2012 3:41	57.8
16/11/2012 0:31	60.3	17/11/2012 1:36	60.8	18/11/2012 2:41	58.6	19/11/2012 3:46	57.8
16/11/2012 0:36	59.5	17/11/2012 1:41	60.2	18/11/2012 2:46	58.7	19/11/2012 3:51	57.9
16/11/2012 0:41	60.0	17/11/2012 1:46	59.7	18/11/2012 2:51	58.7	19/11/2012 3:56	57.8
16/11/2012 0:46	59.9	17/11/2012 1:51	60.0	18/11/2012 2:56	58.5	19/11/2012 4:01	57.6
16/11/2012 0:51	59.2	17/11/2012 1:56	60.0	18/11/2012 3:01	58.7	19/11/2012 4:06	57.6
16/11/2012 0:56	59.5	17/11/2012 2:01	60.8	18/11/2012 3:06	58.2	19/11/2012 4:11	57.3
16/11/2012 1:01	59.1	17/11/2012 2:06	60.8	18/11/2012 3:11	58.4	19/11/2012 4:16	57.8
16/11/2012 1:06	59.9	17/11/2012 2:11	60.3	18/11/2012 3:16	58.1	19/11/2012 4:21	57.6
16/11/2012 1:11	58.8	17/11/2012 2:16					

Real-time Noise Data	RTN1 (Food and Environmental Hygiene Department Depot)									
21/11/2012 23:16 63.0	23/11/2012 0:21 61.0	24/11/2012 1:26 60.4	25/11/2012 2:31 58.8	26/11/2012 3:36 58.6	27/11/2012 4:41 56.4					
21/11/2012 23:21 62.1	23/11/2012 0:26 61.0	24/11/2012 1:31 61.6	25/11/2012 2:36 58.0	26/11/2012 3:41 58.1	27/11/2012 4:46 57.1					
21/11/2012 23:26 61.4	23/11/2012 0:31 60.7	24/11/2012 1:36 60.7	25/11/2012 2:41 58.1	26/11/2012 3:46 58.0	27/11/2012 4:51 57.3					
21/11/2012 23:31 61.7	23/11/2012 0:36 60.5	24/11/2012 1:41 60.2	25/11/2012 2:46 59.2	26/11/2012 3:51 58.8	27/11/2012 4:56 57.3					
21/11/2012 23:36 61.5	23/11/2012 0:41 59.6	24/11/2012 1:46 60.3	25/11/2012 2:51 58.2	26/11/2012 3:56 57.9	27/11/2012 5:01 56.6					
21/11/2012 23:41 62.2	23/11/2012 0:46 59.3	24/11/2012 1:51 60.2	25/11/2012 2:56 59.0	26/11/2012 4:01 58.2	27/11/2012 5:06 57.3					
21/11/2012 23:46 61.1	23/11/2012 0:51 59.5	24/11/2012 1:56 59.9	25/11/2012 3:01 58.5	26/11/2012 4:06 58.2	27/11/2012 5:11 57.8					
21/11/2012 23:51 61.3	23/11/2012 0:56 59.6	24/11/2012 2:01 60.9	25/11/2012 3:06 58.0	26/11/2012 4:11 58.6	27/11/2012 5:16 58.6					
21/11/2012 23:56 60.2	23/11/2012 1:01 59.3	24/11/2012 2:06 60.3	25/11/2012 3:11 58.4	26/11/2012 4:16 57.9	27/11/2012 5:21 58.4					
22/11/2012 0:01 60.8	23/11/2012 1:06 60.1	24/11/2012 2:11 60.1	25/11/2012 3:16 57.9	26/11/2012 4:21 58.1	27/11/2012 5:26 58.5					
22/11/2012 0:06 60.9	23/11/2012 1:11 59.5	24/11/2012 2:16 59.8	25/11/2012 3:21 57.5	26/11/2012 4:26 58.0	27/11/2012 5:31 58.2					
22/11/2012 0:11 60.8	23/11/2012 1:16 59.7	24/11/2012 2:21 59.8	25/11/2012 3:26 57.2	26/11/2012 4:31 57.2	27/11/2012 5:36 58.3					
22/11/2012 0:16 61.4	23/11/2012 1:21 59.5	24/11/2012 2:26 60.8	25/11/2012 3:31 58.9	26/11/2012 4:36 58.2	27/11/2012 5:41 59.2					
22/11/2012 0:21 60.6	23/11/2012 1:26 58.4	24/11/2012 2:31 60.0	25/11/2012 3:36 58.3	26/11/2012 4:41 58.1	27/11/2012 5:46 60.5					
22/11/2012 0:26 60.6	23/11/2012 1:31 58.4	24/11/2012 2:36 60.0	25/11/2012 3:41 57.4	26/11/2012 4:46 58.9	27/11/2012 5:51 59.5					
22/11/2012 0:31 61.4	23/11/2012 1:36 60.3	24/11/2012 2:41 59.8	25/11/2012 3:46 57.3	26/11/2012 4:51 58.0	27/11/2012 5:56 59.1					
22/11/2012 0:36 60.3	23/11/2012 1:41 59.3	24/11/2012 2:46 60.4	25/11/2012 3:51 57.4	26/11/2012 4:56 58.0	27/11/2012 6:01 60.9					
22/11/2012 0:41 60.1	23/11/2012 1:46 59.7	24/11/2012 2:51 59.6	25/11/2012 3:56 57.7	26/11/2012 5:01 58.7	27/11/2012 6:06 61.5					
22/11/2012 0:46 60.5	23/11/2012 1:51 58.2	24/11/2012 2:56 59.1	25/11/2012 4:01 56.9	26/11/2012 5:06 59.4	27/11/2012 6:11 63.1					
22/11/2012 0:51 60.1	23/11/2012 1:56 59.2	24/11/2012 3:01 59.1	25/11/2012 4:06 58.4	26/11/2012 5:11 58.4	27/11/2012 6:16 63.8					
22/11/2012 0:56 59.5	23/11/2012 2:01 57.9	24/11/2012 3:06 59.1	25/11/2012 4:11 57.6	26/11/2012 5:16 58.9	27/11/2012 6:21 63.9					
22/11/2012 1:01 59.3	23/11/2012 2:06 58.7	24/11/2012 3:11 59.8	25/11/2012 4:16 57.2	26/11/2012 5:21 60.6	27/11/2012 6:26 63.8					
22/11/2012 1:06 59.3	23/11/2012 2:11 58.4	24/11/2012 3:16 59.4	25/11/2012 4:21 58.3	26/11/2012 5:26 59.2	27/11/2012 6:31 63.8					
22/11/2012 1:11 59.0	23/11/2012 2:16 58.5	24/11/2012 3:21 60.5	25/11/2012 4:26 57.8	26/11/2012 5:31 59.8	27/11/2012 6:36 63.6					
22/11/2012 1:16 59.4	23/11/2012 2:21 58.0	24/11/2012 3:26 59.3	25/11/2012 4:31 58.2	26/11/2012 5:36 59.5	27/11/2012 6:41 64.2					
22/11/2012 1:21 59.1	23/11/2012 2:26 58.3	24/11/2012 3:31 57.9	25/11/2012 4:36 57.4	26/11/2012 5:41 59.5	27/11/2012 6:46 64.0					
22/11/2012 1:26 59.1	23/11/2012 2:31 58.6	24/11/2012 3:36 59.4	25/11/2012 4:41 57.4	26/11/2012 5:46 60.2	27/11/2012 6:51 64.2					
22/11/2012 1:31 59.0	23/11/2012 2:36 58.4	24/11/2012 3:41 59.0	25/11/2012 4:46 57.5	26/11/2012 5:51 60.1	27/11/2012 6:56 64.0					
22/11/2012 1:36 58.8	23/11/2012 2:41 58.4	24/11/2012 3:46 59.4	25/11/2012 4:51 58.1	26/11/2012 5:56 59.9	27/11/2012 23:01 61.6					
22/11/2012 1:41 59.4	23/11/2012 2:46 57.3	24/11/2012 3:51 58.8	25/11/2012 4:56 57.1	26/11/2012 6:01 60.0	27/11/2012 23:06 61.6					
22/11/2012 1:46 59.2	23/11/2012 2:51 57.3	24/11/2012 3:56 58.1	25/11/2012 5:01 57.7	26/11/2012 6:06 60.0	27/11/2012 23:11 61.8					
22/11/2012 1:51 58.9	23/11/2012 2:56 57.3	24/11/2012 4:01 59.0	25/11/2012 5:06 57.9	26/11/2012 6:11 60.9	27/11/2012 23:16 63.0					
22/11/2012 1:56 58.7	23/11/2012 3:01 57.7	24/11/2012 4:06 58.8	25/11/2012 5:11 58.0	26/11/2012 6:16 61.8	27/11/2012 23:21 62.1					
22/11/2012 2:01 58.4	23/11/2012 3:06 57.3	24/11/2012 4:11 58.8	25/11/2012 5:16 58.1	26/11/2012 6:21 61.6	27/11/2012 23:26 61.4					
22/11/2012 2:06 58.7	23/11/2012 3:11 57.2	24/11/2012 4:16 58.0	25/11/2012 5:21 58.1	26/11/2012 6:26 62.4	27/11/2012 23:31 61.7					
22/11/2012 2:11 58.3	23/11/2012 3:16 57.7	24/11/2012 4:21 58.4	25/11/2012 5:26 58.6	26/11/2012 6:31 62.5	27/11/2012 23:36 61.5					
22/11/2012 2:16 58.4	23/11/2012 3:21 57.7	24/11/2012 4:26 58.4	25/11/2012 5:31 58.1	26/11/2012 6:36 62.4	27/11/2012 23:41 62.2					
22/11/2012 2:21 58.2	23/11/2012 3:26 56.9	24/11/2012 4:31 57.9	25/11/2012 5:36 58.1	26/11/2012 6:41 63.6	27/11/2012 23:46 61.1					
22/11/2012 2:26 58.1	23/11/2012 3:31 57.4	24/11/2012 4:36 58.0	25/11/2012 5:41 58.1	26/11/2012 6:46 63.9	27/11/2012 23:51 61.3					
22/11/2012 2:31 58.1	23/11/2012 3:36 56.8	24/11/2012 4:41 57.2	25/11/2012 5:46 58.9	26/11/2012 6:51 63.1	27/11/2012 23:56 60.2					
22/11/2012 2:36 58.0	23/11/2012 3:41 57.6	24/11/2012 4:46 58.3	25/11/2012 5:51 59.2	26/11/2012 6:56 65.4						
22/11/2012 2:41 58.3	23/11/2012 3:46 58.6	24/11/2012 4:51 58.0	25/11/2012 5:56 59.2	26/11/2012 7:01 61.2						
22/11/2012 2:46 57.9	23/11/2012 3:51 57.2	24/11/2012 4:56 57.7	25/11/2012 6:01 58.4	26/11/2012 23:06 61.0						
22/11/2012 2:51 58.0	23/11/2012 3:56 57.4	24/11/2012 5:01 58.4	25/11/2012 6:06 61.4	26/11/2012 23:11 61.5						
22/11/2012 2:56 57.7	23/11/2012 4:01 57.3	24/11/2012 5:06 59.5	25/11/2012 6:11 60.1	26/11/2012 23:16 61.6						
22/11/2012 3:01 58.0	23/11/2012 4:06 57.4	24/11/2012 5:11 57.6	25/11/2012 6:16 58.9	26/11/2012 23:21 61.5						
22/11/2012 3:06 57.7	23/11/2012 4:11 57.1	24/11/2012 5:16 58.4	25/11/2012 6:21 59.1	26/11/2012 23:26 63.9						
22/11/2012 3:11 59.4	23/11/2012 4:16 57.4	24/11/2012 5:21 58.5	25/11/2012 6:26 59.1	26/11/2012 23:31 61.3						
22/11/2012 3:16 57.9	23/11/2012 4:21 57.6	24/11/2012 5:26 59.3	25/11/2012 6:31 60.8	26/11/2012 23:36 61.8						
22/11/2012 3:21 57.4	23/11/2012 4:26 57.2	24/11/2012 5:31 58.5	25/11/2012 6:36 60.6	26/11/2012 23:41 61.7						
22/11/2012 3:26 58.0	23/11/2012 4:31 57.3	24/11/2012 5:36 58.7	25/11/2012 6:41 61.2	26/11/2012 23:46 60.4						
22/11/2012 3:31 59.7	23/11/2012 4:36 57.0	24/11/2012 5:41 59.1	25/11/2012 6:46 60.9	26/11/2012 23:51 60.7						
22/11/2012 3:36 57.4	23/11/2012 4:41 57.9	24/11/2012 5:46 59.7	25/11/2012 6:51 61.2	26/11/2012 23:56 60.1						
22/11/2012 3:41 57.8	23/11/2012 4:46 57.8	24/11/2012 5:51 59.8	25/11/2012 6:56 61.3	27/11/2012 0:01 61.0						
22/11/2012 3:46 57.8	23/11/2012 4:51 58.0	24/11/2012 5:56 58.4	25/11/2012 23:01 61.9	27/11/2012 0:06 60.7						
22/11/2012 3:51 57.4	23/11/2012 4:56 57.6	24/11/2012 6:01 59.9	25/11/2012 23:06 62.2	27/11/2012 0:11 61.4						
22/11/2012 3:56 57.9	23/11/2012 5:01 57.9	24/11/2012 6:06 60.4	25/11/2012 23:11 63.1	27/11/2012 0:16 60.5						
22/11/2012 4:01 57.9	23/11/2012 5:06 58.9	24/11/2012 6:11 60.2	25/11/2012 23:16 62.0	27/11/2012 0:21 60.3						
22/11/2012 4:06 57.0	23/11/2012 5:11 58.0	24/11/2012 6:16 59.9	25/11/2012 23:21 62.2	27/11/2012 0:26 60.0						
22/11/2012 4:11 57.6	23/11/2012 5:16 57.5	24/11/2012 6:21 60.5	25/11/2012 23:26 62.4	27/11/2012 0:31 59.7						
22/11/2012 4:16 57.4	23/11/2012 5:21 57.8	24/11/2012 6:26 60.4	25/11/2012 23:31 62.3	27/11/2012 0:36 59.2						
22/11/2012 4:21 57.5	23/11/2012 5:26 57.9	24/11/2012 6:31 60.2	25/11/2012 23:36 61.7	27/11/2012 0:41 59.3						
22/11/2012 4:26 57.4	23/11/2012 5:31 57.8	24/11/2012 6:36 61.1	25/11/2012 23:41 61.9	27/11/2012 0:46 59.7						
22/11/2012 4:31 57.1	23/11/2012 5:36 58.7	24/11/2012 6:41 61.2	25/11/2012 23:46 62.4	27/11/2012 0:51 58.3						
22/11/2012 4:36 57.3	23/11/2012 5:41 58.7	24/11/2012 6:46 62.2	25/11/2012 23:51 62.0	27/11/2012 0:56 58.5						
22/11/2012 4:41 57.6	23/11/2012 5:46 59.1	24/11/2012 6:51 61.8	25/11/2012 23:56 61.5	27/11/2012 1:01 59.1						
22/11/2012 4:46 57.6	23/11/2012 5:51 59.3	24/11/2012 6:56 61.7	26/11/2012 0:01 61.7	27/11/2012 1:06 59.5						
22/11/2012 4:51 58.3	23/11/2012 5:56 58.6	24/11/2012 23:01 59.6	26/11/2012 0:06 61.8	27/11/2012 1:11 58.3						
22/11/2012 4:56 57.5	23/11/2012 6:01 59.5	24/11/2012 23:06 60.1	26/11/2012 0:11 61.9	27/11/2012 1:16 58.6						
22/11/2012 5:01 58.1	23/11/2012 6:06 59.8	24/11/2012 23:11 60.5	26/11/2012 0:16 61.8	27/11/2012 1:21 59.3						
22/11/2012 5:06 58.1	23/11/2012 6:11 59.6	24/11/2012 23:16 60.6	26/11/2012 0:21 61.9	27/11/2012 1:26 58.6						
22/11/2012 5:11 57.9	23/11/2012 6:16 60.0	24/11/2012 23:21 60.8	26/11/2012 0:26 61.3	27/11/2012 1:31 59.0						
22/11/2012 5:16 58.5	23/11/2012 6:21 60.5	24/11/2012 23:26 60.8	26/11/2012 0:31 61.5	27/11/2012 1:36 58.0						
22/11/2012 5:21 58.0	23/11/2012 6:26 60.6	24/11/2012 23:31 60.8	26/11/2012 0:36 59.9	27/11/2012 1:41 58.2						
22/11/2012 5:26 58.3	23/11/2012 6:31 60.8	24/11/2012 23:36 60.9	26/11/2012 0:41 60.4	27/11/2012 1:46 58.1						
22/11/2012 5:31 58.3	23/11/2012 6:36 61.3	24/11/2012 23:41 60.0	26/11/2012 0:46 60.2	27/11/2012 1:51 58.4						
22/11/2012 5:36 58.2	23/11/2012 6:41 61.1	24/11/2012 23:46 60.1	26/11/2012 0:51 59.9	27/11/2012 1:56 57.2						
22/11/2012 5:41 58.9	23/11/2012 6:46 61.8	24/11/2012 23:51 60.1	26/11/2012 0:56 59.9	27/11/2012 2:01 57.6						
22/11/2012 5:46 59.6	23/11/2012 6:51 62.2	24/11/2012 23:56 60.3	26/11/2012 1:01 59.9	27/11/2012 2:06 57.9						
22/11/2012 5:51 59.2	23/11/2012 6:56 60.0	25/11/2012 0:01 60.5	26/11/2012 1:06 59.8	27/11/2012 2:11 57.3						
22/11/2012 5:56 59.0	23/11/2012 23:01 63.8	25/11/2012 0:06 60.4	26/11/2012 1:11 60.1	27/11/2012 2:16 58.1						
22/11/2012 6:01 59.5	23/11/2012 23:06 63.8	25/11/2012 0:11 60.3	26/11/2012 1:16 59.4	27/11/2012 2:21 57.5						
22/11/2012 6:06 59.7	23/11/2012 23:11 63.4	25/11/2012 0:16 59.6	26/11/2012 1:21 59.9	27/11/2012 2:26 58.0						
22/11/2012 6:11 60.2	23/11/2012 23:16 63.6	25/11/2012 0:21 60.4	26/11/2012 1:26 58.9	27/11/2012 2:31 57.8						
22/11/2012 6:16 60.5	23/11/2012 23:21 63.4	25/11/2012 0:26 59.4	26/11/							

Real-time Noise Data		RTN2a (Hong Kong Electric Centre)	
Normal Day 07:00-19:00			
29/10/2012 7:01	63.9	2/11/2012 12:31	66.3
29/10/2012 7:31	64.7	2/11/2012 13:01	59.0
29/10/2012 8:01	64.9	2/11/2012 13:31	61.3
29/10/2012 8:31	65.0	2/11/2012 14:01	59.8
29/10/2012 8:59	65.3	2/11/2012 14:31	60.4
29/10/2012 9:01	65.3	2/11/2012 15:01	62.3
29/10/2012 9:31	65.4	2/11/2012 15:31	59.0
29/10/2012 10:01	65.5	2/11/2012 16:01	65.5
29/10/2012 10:31	65.5	2/11/2012 16:31	60.7
29/10/2012 11:01	65.7	2/11/2012 17:01	55.2
29/10/2012 11:31	65.5	2/11/2012 17:31	66.8
29/10/2012 12:01	65.5	2/11/2012 18:01	66.1
29/10/2012 12:31	65.7	2/11/2012 18:31	65.9
29/10/2012 13:01	65.5	3/11/2012 7:01	65.3
29/10/2012 13:31	65.7	3/11/2012 7:31	66.5
29/10/2012 14:01	65.3	3/11/2012 8:01	29.3
29/10/2012 14:31	65.5	3/11/2012 8:31	60.9
29/10/2012 15:01	65.5	3/11/2012 9:01	60.7
29/10/2012 15:31	65.5	3/11/2012 9:31	59.1
29/10/2012 16:01	65.5	3/11/2012 10:01	60.9
29/10/2012 16:31	65.6	3/11/2012 10:31	61.7
29/10/2012 16:59	65.3	3/11/2012 11:01	61.0
29/10/2012 17:01	65.7	3/11/2012 11:31	66.8
29/10/2012 17:31	65.7	3/11/2012 12:01	66.5
29/10/2012 18:01	65.4	3/11/2012 12:31	66.2
29/10/2012 18:31	65.3	3/11/2012 13:01	60.9
30/10/2012 7:01	64.9	3/11/2012 13:31	62.1
30/10/2012 7:31	65.7	3/11/2012 14:01	52.0
30/10/2012 8:01	66.9	3/11/2012 14:31	58.3
30/10/2012 8:31	56.6	3/11/2012 15:01	54.9
30/10/2012 9:01	59.5	3/11/2012 15:31	66.4
30/10/2012 9:31	58.1	3/11/2012 16:01	67.0
30/10/2012 10:01	59.7	3/11/2012 16:31	57.8
30/10/2012 10:31	58.3	3/11/2012 17:01	54.0
30/10/2012 11:01	62.0	3/11/2012 17:31	66.4
30/10/2012 11:31	66.9	3/11/2012 18:01	65.5
30/10/2012 12:01	66.2	3/11/2012 18:31	65.8
30/10/2012 12:31	66.3	5/11/2012 7:01	64.8
30/10/2012 13:01	58.5	5/11/2012 7:31	64.4
30/10/2012 13:31	62.8	5/11/2012 8:01	64.7
30/10/2012 14:01	62.3	5/11/2012 8:31	64.8
30/10/2012 14:31	59.3	5/11/2012 9:01	65.2
30/10/2012 15:01	61.4	5/11/2012 9:31	65.6
30/10/2012 15:31	67.0	5/11/2012 10:01	65.6
30/10/2012 16:01	61.9	5/11/2012 10:31	66.1
30/10/2012 16:31	63.2	5/11/2012 11:01	67.0
30/10/2012 17:01	62.4	5/11/2012 11:31	65.8
30/10/2012 17:31	66.5	5/11/2012 12:01	65.2
30/10/2012 18:01	66.6	5/11/2012 12:31	65.3
30/10/2012 18:31	66.1	5/11/2012 13:01	65.5
31/10/2012 7:01	65.8	5/11/2012 13:31	65.4
31/10/2012 7:31	66.0	5/11/2012 14:01	65.6
31/10/2012 8:01	52.9	5/11/2012 14:31	65.6
31/10/2012 8:31	64.4	5/11/2012 15:01	66.0
31/10/2012 9:01	62.2	5/11/2012 15:31	65.9
31/10/2012 9:31	63.4	5/11/2012 16:01	66.4
31/10/2012 10:01	62.4	5/11/2012 16:31	65.9
31/10/2012 10:31	63.9	5/11/2012 17:01	65.8
31/10/2012 11:01	62.8	5/11/2012 17:31	65.4
31/10/2012 11:31	54.8	5/11/2012 18:01	65.4
31/10/2012 12:01	67.1	5/11/2012 18:31	65.4
31/10/2012 12:31	67.2	6/11/2012 7:01	65.2
31/10/2012 13:01	63.5	6/11/2012 7:31	66.1
31/10/2012 13:31	64.8	6/11/2012 8:01	58.3
31/10/2012 14:01	64.4	6/11/2012 8:31	62.1
31/10/2012 14:31	62.1	6/11/2012 9:01	60.4
31/10/2012 15:01	56.5	6/11/2012 9:31	59.3
31/10/2012 15:31	67.1	6/11/2012 10:01	59.6
31/10/2012 16:01	60.0	6/11/2012 10:31	55.8
31/10/2012 16:31	62.0	6/11/2012 11:01	60.7
31/10/2012 17:01	60.0	6/11/2012 11:31	66.9
31/10/2012 17:31	66.7	6/11/2012 12:01	66.3
31/10/2012 18:01	66.7	6/11/2012 12:31	66.1
31/10/2012 18:31	66.9	6/11/2012 13:01	61.1
1/11/2012 7:01	66.1	6/11/2012 13:31	58.2
1/11/2012 7:31	66.6	6/11/2012 14:01	55.5
1/11/2012 8:01	62.3	6/11/2012 14:31	53.4
1/11/2012 8:31	64.1	6/11/2012 15:01	60.8
1/11/2012 9:01	62.7	6/11/2012 15:31	66.9
1/11/2012 9:31	64.3	6/11/2012 16:01	61.5
1/11/2012 10:01	67.4	6/11/2012 16:31	56.2
1/11/2012 10:31	65.2	6/11/2012 17:01	52.6
1/11/2012 11:01	65.1	6/11/2012 17:31	66.8
1/11/2012 11:31	63.4	6/11/2012 18:01	66.2
1/11/2012 12:01	67.2	6/11/2012 18:31	65.8
1/11/2012 12:31	67.0	7/11/2012 7:01	65.3
1/11/2012 13:01	62.4	7/11/2012 7:31	66.0
1/11/2012 13:31	66.2	7/11/2012 8:01	67.1
1/11/2012 14:01	64.0	7/11/2012 8:31	59.9
1/11/2012 14:31	63.3	7/11/2012 9:01	59.1
1/11/2012 15:01	61.9	7/11/2012 9:31	58.9
1/11/2012 15:31	56.1	7/11/2012 10:01	59.2
1/11/2012 16:01	66.3	7/11/2012 10:31	51.9
1/11/2012 16:31	59.9	7/11/2012 11:01	62.9
1/11/2012 17:01	61.1	7/11/2012 11:31	66.8
1/11/2012 17:31	66.6	7/11/2012 12:01	65.9
1/11/2012 18:01	66.3	7/11/2012 12:31	66.1
1/11/2012 18:31	66.5	7/11/2012 13:01	51.1
2/11/2012 7:01	65.6	7/11/2012 13:31	55.9
2/11/2012 7:31	66.5	7/11/2012 14:01	66.8
2/11/2012 8:01	67.2	7/11/2012 14:31	66.9
2/11/2012 8:31	63.4	7/11/2012 15:01	55.3
2/11/2012 9:01	65.2	7/11/2012 15:31	66.9
2/11/2012 9:31	64.2	7/11/2012 16:01	56.4
2/11/2012 10:01	64.4	7/11/2012 16:31	49.7
2/11/2012 10:31	63.3	7/11/2012 17:01	59.2
2/11/2012 11:01	66.5	7/11/2012 17:31	66.6
2/11/2012 11:31	57.2	7/11/2012 18:01	66.3
2/11/2012 12:01	66.3	7/11/2012 18:31	66.1
2/11/2012 12:31	66.2	8/11/2012 8:01	53.1
2/11/2012 13:01	63.4	8/11/2012 8:31	58.7
2/11/2012 13:31	64.2	8/11/2012 9:01	56.3
2/11/2012 14:01	64.2	8/11/2012 9:31	57.8
2/11/2012 14:31	64.2	8/11/2012 10:01	57.8
2/11/2012 15:01	64.4	8/11/2012 10:31	64.4
2/11/2012 15:31	64.4	8/11/2012 11:01	63.9
2/11/2012 16:01	63.5	8/11/2012 11:31	64.1
2/11/2012 16:31	66.3	8/11/2012 12:01	48.3
2/11/2012 17:01	66.5	8/11/2012 12:31	66.5
2/11/2012 17:31	66.2	8/11/2012 13:01	58.2
2/11/2012 18:01	66.7	8/11/2012 13:31	64.6
2/11/2012 18:31	66.8	8/11/2012 14:01	63.9
2/11/2012 19:01	64.8	8/11/2012 14:31	60.3
2/11/2012 19:31	65.8	8/11/2012 15:01	63.9
2/11/2012 20:01	62.0	8/11/2012 15:31	66.8
2/11/2012 20:31	62.0	8/11/2012 16:01	64.0
2/11/2012 21:01	62.0	8/11/2012 16:31	59.9
2/11/2012 21:31	62.0	8/11/2012 17:01	54.5
2/11/2012 22:01	62.0	8/11/2012 17:31	66.4
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2/11/2012 25:31	62.0	8/11/2012 21:01	65.8
2/11/2012 26:01	62.0	8/11/2012 21:31	65.8
2/11/2012 26:31	62.0	8/11/2012 22:01	65.8
2/11/2012 27:01	62.0	8/11/2012 22:31	65.8
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2/11/2012 29:01	62.0	8/11/2012 24:31	65.8
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2/11/2012 30:01	62.0	8/11/2012 25:31	65.8
2/11/2012 30:31	62.0	8/11/2012 26:01	65.8
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2/11/2012 32:01	62.0	8/11/2012 27:31	65.8
2/11/2012 32:31	62.0	8/11/2012 28:01	65.8
2/11/2012 33:01	62.0	8/11/2012 28:31	65.8
2/11/2012 33:31	62.0	8/11/2012 29:01	65.8
2/11/2012 34:01	62.0	8/11/2012 29:31	65.8
2/11/2012 34:31	62.0	8/11/2012 30:01	65.8
2/11/2012 35:01	62.0	8/11/2012 30:31	65.8
2/11/2012 35:31	62.0	8/11/2012 31:01	65.8
2/11/2012 36:01	62.0	8/11/2012 31:31	65.8
2/11/2012 36:31	62.0	8/11/2012 32:01	65.8
2/11/2012 37:01	62.0	8/11/2012 32:31	65.8
2/11/2012 37:31	62.0	8/11/2012 33:01	65.8
2/11/2012 38:01	62.0	8/11/2012 33:31	65.8
2/11/2012 38:31	62.0	8/11/2012 34:01	65.8
2/11/2012 39:01	62.0	8/11/2012 34:31	65.8
2/11/2012 39:31	62.0	8/11/2012 35:01	65.8
2/11/2012 40:01	62.0	8/11/2012 35:31	65.8
2/11/2012 40:31	62.0	8/11/2012 36:01	65.8
2/11/2012 41:01	62.0	8/11/2012 36:31	65.8
2/11/2012 41:31	62.0	8/11/2012 37:01	65.8
2/11/2012 42:01	62.0	8/11/2012 37:31	65.8
2/11/2012 42:31	62.0	8/11/2012 38:01	65.8
2/11/2012 43:01	62.0	8/11/2012 38:31	65.8
2/11/2012 43:31	62.0	8/11/2012 39:01	65.8
2/11/2012 44:01	62.0	8/11/2012 39:31	65.8
2/11/2012 44:31	62.0	8/11/2012 40:01	65.8
2/11/2012 45:01	62.0	8/11/2012 40:31	65.8
2/11/2012 45:31	62.0	8/11/2012 41:01	65.8
2/11/2012 46:01	62.0	8/11/2012 41:31	65.8
2/11/2012 46:31	62.0	8/11/2012 42:01	65.8
2/11/2012 47:01	62.0	8/11/2012 42:31	65.8
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2/11/2012 48:01	62.0	8/11/2012 43:31	65.8
2/11/2012 48:31	62.0	8/11/2012 44:01	65.8
2/11/2012 49:01	62.0	8/11/2012 44:31	65.8
2/11/2012 49:31	62.0	8/11/2012 45:01	65.8
2/11/2012 50:01	62.0	8/11/2012 45:31	65.8
2/11/2012 50:31	62.0	8/11/2012 46:01	65.8
2/11/2012 51:01	62.0	8/11/2012 46:31	65.8
2/11/2012 51:31	62.0	8/11/2012 47:01	65.8
2/11/2012 52:01	62.0	8/11/2012 47:31	65.8
2/11/2012 52:31	62.0	8/11/2012 48:01	65.8
2/11/2012 53:01	62.0	8/11/2012 48:31	65.8
2/11/2012 53:31	62.0	8/11/2012 49:01	65.8
2/11/2012 54:01	62.0	8/11/2012 49:31	65.8
2/11/2012 54:31	62.0	8/11/2012 50:01	65.8
2/11/2012 55:01	62.0	8/11/2012 50:31	65.8
2/11/2012 55:31	62.0	8/11/2012 51:01	65.8
2/11/2012 56:01	62.0	8/11/2012 51:31	65.8
2/11/2012 56:31	62.0	8/11/2012 52:01	65.8
2/11/2012 57:01			

Real-time Noise Data	RTN2a (Hong Kong Electric Centre)				
28/10/2012 8:56 66.0	28/10/2012 18:01 64.6	30/10/2012 19:06 63.4	1/11/2012 20:11 64.9	3/11/2012 21:16 63.0	4/11/2012 14:21 66.2
28/10/2012 9:01 66.6	28/10/2012 18:06 62.1	30/10/2012 19:11 64.0	1/11/2012 20:16 63.8	3/11/2012 21:21 64.0	4/11/2012 14:26 67.4
28/10/2012 9:06 64.4	28/10/2012 18:11 63.3	30/10/2012 19:16 65.0	1/11/2012 20:21 65.5	3/11/2012 21:26 63.7	4/11/2012 14:31 66.7
28/10/2012 9:11 60.5	28/10/2012 18:16 60.4	30/10/2012 19:21 63.5	1/11/2012 20:26 63.6	3/11/2012 21:31 62.6	4/11/2012 14:36 66.9
28/10/2012 9:16 61.4	28/10/2012 18:21 56.0	30/10/2012 19:26 64.1	1/11/2012 20:31 64.6	3/11/2012 21:36 63.1	4/11/2012 14:41 66.8
28/10/2012 9:21 62.6	28/10/2012 18:26 57.4	30/10/2012 19:31 64.9	1/11/2012 20:36 65.2	3/11/2012 21:41 65.3	4/11/2012 14:46 66.2
28/10/2012 9:26 62.2	28/10/2012 18:31 58.3	30/10/2012 19:36 64.4	1/11/2012 20:41 63.4	3/11/2012 21:46 63.4	4/11/2012 14:51 66.6
28/10/2012 9:31 62.0	28/10/2012 18:36 56.2	30/10/2012 19:41 63.7	1/11/2012 20:46 63.5	3/11/2012 21:51 63.0	4/11/2012 14:56 66.4
28/10/2012 9:36 61.4	28/10/2012 18:41 56.7	30/10/2012 19:46 63.8	1/11/2012 20:51 64.4	3/11/2012 21:56 63.1	4/11/2012 15:01 66.1
28/10/2012 9:41 64.3	28/10/2012 18:46 59.1	30/10/2012 19:51 63.7	1/11/2012 20:56 63.5	3/11/2012 22:01 63.1	4/11/2012 15:06 65.0
28/10/2012 9:46 64.8	28/10/2012 18:51 60.5	30/10/2012 19:56 63.4	1/11/2012 21:01 63.5	3/11/2012 22:06 63.3	4/11/2012 15:11 65.2
28/10/2012 9:51 64.7	28/10/2012 18:56 59.2	30/10/2012 20:01 63.4	1/11/2012 21:06 63.7	3/11/2012 22:11 62.9	4/11/2012 15:16 65.1
28/10/2012 9:56 64.5	28/10/2012 19:01 59.3	30/10/2012 20:06 63.8	1/11/2012 21:11 63.4	3/11/2012 22:16 63.1	4/11/2012 15:21 64.2
28/10/2012 10:01 64.9	28/10/2012 19:06 63.0	30/10/2012 20:11 64.2	1/11/2012 21:16 63.5	3/11/2012 22:21 63.1	4/11/2012 15:26 64.6
28/10/2012 10:06 65.8	28/10/2012 19:11 59.3	30/10/2012 20:16 64.0	1/11/2012 21:21 64.5	3/11/2012 22:26 62.4	4/11/2012 15:31 64.4
28/10/2012 10:11 65.8	28/10/2012 19:16 61.0	30/10/2012 20:21 63.7	1/11/2012 21:26 64.5	3/11/2012 22:31 63.5	4/11/2012 15:36 64.9
28/10/2012 10:16 65.8	28/10/2012 19:21 61.4	30/10/2012 20:26 63.7	1/11/2012 21:31 63.7	3/11/2012 22:36 63.1	4/11/2012 15:41 65.6
28/10/2012 10:21 65.6	28/10/2012 19:26 59.9	30/10/2012 20:31 63.2	1/11/2012 21:36 64.0	3/11/2012 22:41 62.8	4/11/2012 15:46 65.7
28/10/2012 10:26 61.8	28/10/2012 19:31 58.6	30/10/2012 20:36 62.7	1/11/2012 21:41 63.1	3/11/2012 22:46 63.2	4/11/2012 15:51 66.8
28/10/2012 10:31 62.2	28/10/2012 19:36 55.7	30/10/2012 20:41 62.4	1/11/2012 21:46 63.5	3/11/2012 22:51 62.7	4/11/2012 15:56 65.7
28/10/2012 10:36 62.6	28/10/2012 19:41 56.4	30/10/2012 20:46 62.2	1/11/2012 21:51 63.3	3/11/2012 22:56 62.8	4/11/2012 16:01 66.3
28/10/2012 10:41 62.5	28/10/2012 19:46 53.5	30/10/2012 20:51 62.2	1/11/2012 21:56 63.2	4/11/2012 7:01 61.2	4/11/2012 16:06 67.0
28/10/2012 10:46 62.2	28/10/2012 19:51 60.6	30/10/2012 20:56 62.1	1/11/2012 22:01 63.0	4/11/2012 7:06 62.8	4/11/2012 16:11 65.7
28/10/2012 10:51 63.0	28/10/2012 19:56 57.2	30/10/2012 21:01 62.3	1/11/2012 22:06 62.8	4/11/2012 7:11 61.9	4/11/2012 16:16 67.2
28/10/2012 10:56 63.0	28/10/2012 20:01 54.1	30/10/2012 21:06 62.2	1/11/2012 22:11 64.4	4/11/2012 7:16 61.4	4/11/2012 16:21 66.6
28/10/2012 11:01 64.4	28/10/2012 20:06 57.4	30/10/2012 21:11 62.6	1/11/2012 22:16 63.7	4/11/2012 7:21 62.2	4/11/2012 16:26 66.0
28/10/2012 11:06 64.2	28/10/2012 20:11 58.8	30/10/2012 21:16 63.1	1/11/2012 22:21 63.5	4/11/2012 7:26 62.0	4/11/2012 16:31 66.5
28/10/2012 11:11 63.0	28/10/2012 20:16 52.2	30/10/2012 21:21 63.3	1/11/2012 22:26 63.2	4/11/2012 7:31 62.1	4/11/2012 16:36 67.8
28/10/2012 11:16 61.8	28/10/2012 20:21 57.0	30/10/2012 21:26 62.3	1/11/2012 22:31 64.2	4/11/2012 7:36 62.1	4/11/2012 16:41 65.9
28/10/2012 11:21 56.8	28/10/2012 20:26 55.7	30/10/2012 21:31 62.9	1/11/2012 22:36 64.4	4/11/2012 7:41 63.5	4/11/2012 16:46 64.9
28/10/2012 11:26 58.2	28/10/2012 20:31 54.8	30/10/2012 21:36 62.5	1/11/2012 22:41 63.0	4/11/2012 7:46 63.2	4/11/2012 16:51 66.0
28/10/2012 11:31 57.6	28/10/2012 20:36 58.4	30/10/2012 21:41 62.3	1/11/2012 22:46 62.9	4/11/2012 7:51 63.9	4/11/2012 16:56 65.8
28/10/2012 11:36 60.0	28/10/2012 20:41 59.4	30/10/2012 21:46 61.7	1/11/2012 22:51 62.9	4/11/2012 7:56 63.3	4/11/2012 17:01 65.6
28/10/2012 11:41 60.6	28/10/2012 20:46 56.3	30/10/2012 21:51 61.8	1/11/2012 22:56 63.0	4/11/2012 8:01 65.0	4/11/2012 17:06 65.6
28/10/2012 11:46 57.2	28/10/2012 20:51 57.3	30/10/2012 21:56 61.7	2/11/2012 19:01 64.2	4/11/2012 8:06 64.2	4/11/2012 17:11 64.7
28/10/2012 11:51 59.5	28/10/2012 20:56 60.4	30/10/2012 22:01 62.3	2/11/2012 19:06 63.6	4/11/2012 8:11 65.7	4/11/2012 17:16 64.2
28/10/2012 11:56 61.7	28/10/2012 21:01 57.1	30/10/2012 22:06 62.5	2/11/2012 19:11 64.0	4/11/2012 8:16 67.0	4/11/2012 17:21 64.7
28/10/2012 12:01 59.9	28/10/2012 21:06 58.1	30/10/2012 22:11 62.3	2/11/2012 19:16 63.9	4/11/2012 8:21 66.5	4/11/2012 17:26 64.2
28/10/2012 12:06 54.2	28/10/2012 21:11 57.5	30/10/2012 22:16 61.5	2/11/2012 19:21 64.2	4/11/2012 8:26 66.3	4/11/2012 17:31 63.7
28/10/2012 12:11 60.1	28/10/2012 21:16 58.3	30/10/2012 22:21 61.9	2/11/2012 19:26 64.3	4/11/2012 8:31 66.7	4/11/2012 17:36 65.0
28/10/2012 12:16 58.4	28/10/2012 21:21 56.6	30/10/2012 22:26 62.3	2/11/2012 19:31 64.3	4/11/2012 8:36 66.4	4/11/2012 17:41 63.4
28/10/2012 12:21 60.8	28/10/2012 21:26 55.8	30/10/2012 22:31 61.6	2/11/2012 19:36 64.0	4/11/2012 8:41 67.8	4/11/2012 17:46 63.6
28/10/2012 12:26 57.6	28/10/2012 21:31 54.8	30/10/2012 22:36 62.0	2/11/2012 19:41 64.1	4/11/2012 8:46 66.7	4/11/2012 17:51 65.1
28/10/2012 12:31 55.5	28/10/2012 21:36 58.2	30/10/2012 22:41 61.9	2/11/2012 19:46 64.7	4/11/2012 8:51 67.2	4/11/2012 17:56 63.0
28/10/2012 12:36 55.0	28/10/2012 21:41 51.1	30/10/2012 22:46 60.9	2/11/2012 19:51 63.3	4/11/2012 8:56 67.1	4/11/2012 18:01 63.3
28/10/2012 12:41 58.5	28/10/2012 21:46 52.2	30/10/2012 22:51 61.2	2/11/2012 19:56 64.0	4/11/2012 9:01 69.4	4/11/2012 18:06 63.0
28/10/2012 12:46 58.7	28/10/2012 21:51 52.9	30/10/2012 22:56 60.9	2/11/2012 20:01 63.6	4/11/2012 9:06 67.1	4/11/2012 18:11 63.4
28/10/2012 12:51 57.1	28/10/2012 21:56 61.9	31/10/2012 19:01 69.8	2/11/2012 20:06 63.9	4/11/2012 9:11 68.3	4/11/2012 18:16 63.0
28/10/2012 12:56 58.1	28/10/2012 22:01 49.3	31/10/2012 19:06 64.4	2/11/2012 20:11 64.4	4/11/2012 9:16 68.8	4/11/2012 18:21 62.9
28/10/2012 13:01 54.7	28/10/2012 22:06 61.6	31/10/2012 19:11 64.7	2/11/2012 20:16 63.4	4/11/2012 9:21 68.7	4/11/2012 18:26 62.6
28/10/2012 13:06 52.1	28/10/2012 22:11 61.4	31/10/2012 19:16 64.4	2/11/2012 20:21 63.6	4/11/2012 9:26 67.8	4/11/2012 18:31 63.7
28/10/2012 13:11 55.5	28/10/2012 22:16 54.5	31/10/2012 19:21 63.4	2/11/2012 20:26 63.6	4/11/2012 9:31 66.3	4/11/2012 18:36 63.7
28/10/2012 13:16 58.8	28/10/2012 22:21 50.7	31/10/2012 19:26 62.6	2/11/2012 20:31 63.2	4/11/2012 9:36 66.8	4/11/2012 18:41 62.7
28/10/2012 13:21 54.7	28/10/2012 22:26 61.7	31/10/2012 19:31 62.7	2/11/2012 20:36 63.4	4/11/2012 9:41 68.0	4/11/2012 18:46 63.1
28/10/2012 13:26 57.4	28/10/2012 22:31 50.6	31/10/2012 19:36 62.5	2/11/2012 20:41 63.8	4/11/2012 9:46 66.9	4/11/2012 18:51 63.3
28/10/2012 13:31 59.7	28/10/2012 22:36 61.8	31/10/2012 19:41 62.9	2/11/2012 20:46 63.2	4/11/2012 9:51 67.4	4/11/2012 18:56 63.5
28/10/2012 13:36 58.9	28/10/2012 22:41 61.8	31/10/2012 19:46 63.2	2/11/2012 20:51 63.4	4/11/2012 9:56 66.6	4/11/2012 19:01 64.9
28/10/2012 13:41 59.3	28/10/2012 22:46 45.1	31/10/2012 19:51 63.0	2/11/2012 20:56 63.0	4/11/2012 10:01 65.7	4/11/2012 19:06 63.8
28/10/2012 13:46 60.8	28/10/2012 22:51 52.2	31/10/2012 19:56 63.8	2/11/2012 21:01 62.7	4/11/2012 10:06 67.9	4/11/2012 19:11 63.4
28/10/2012 13:51 60.3	28/10/2012 22:56 61.8	31/10/2012 20:01 64.3	2/11/2012 21:06 63.5	4/11/2012 10:11 67.2	4/11/2012 19:16 63.8
28/10/2012 13:56 57.6	29/10/2012 19:01 61.9	31/10/2012 20:06 65.0	2/11/2012 21:11 63.0	4/11/2012 10:16 67.1	4/11/2012 19:21 64.8
28/10/2012 14:01 60.3	29/10/2012 19:06 62.3	31/10/2012 20:11 64.6	2/11/2012 21:16 64.4	4/11/2012 10:21 66.0	4/11/2012 19:26 63.9
28/10/2012 14:06 60.1	29/10/2012 19:11 62.5	31/10/2012 20:16 65.1	2/11/2012 21:21 64.1	4/11/2012 10:26 66.8	4/11/2012 19:31 63.6
28/10/2012 14:11 59.0	29/10/2012 19:16 61.8	31/10/2012 20:21 65.2	2/11/2012 21:26 63.9	4/11/2012 10:31 66.2	4/11/2012 19:36 63.1
28/10/2012 14:16 58.9	29/10/2012 19:21 62.2	31/10/2012 20:26 65.6	2/11/2012 21:31 63.9	4/11/2012 10:36 67.2	4/11/2012 19:41 63.4
28/10/2012 14:21 59.5	29/10/2012 19:26 61.6	31/10/2012 20:31 65.4	2/11/2012 21:36 63.0	4/11/2012 10:41 67.5	4/11/2012 19:46 63.7
28/10/2012 14:26 62.9	29/10/2012 19:31 62.9	31/10/2012 20:36 65.0	2/11/2012 21:41 63.3	4/11/2012 10:46 66.3	4/11/2012 19:51 63.6
28/10/2012 14:31 60.6	29/10/2012 19:36 62.0	31/10/2012 20:41 64.7	2/11/2012 21:46 63.4	4/11/2012 10:51 65.9	4/11/2012 19:56 62.7
28/10/2012 14:36 61.7	29/10/2012 19:41 61.4	31/10/2012 20:46 65.1	2/11/2012 21:51 62.5	4/11/2012 10:56 65.3	4/11/2012 20:01 63.0
28/10/2012 14:41 63.6	29/10/2012 19:46 61.1	31/10/2012 20:51 65.2	2/11/2012 21:56 63.0	4/11/2012 11:01 65.7	4/11/2012 20:06 62.9
28/10/2012 14:46 64.2	29/10/2012 19:51 61.7	31/10/2012 20:56 65.4	2/11/2012 22:01 62.9	4/11/2012 11:06 66.4	4/11/2012 20:11 63.2
28/10/2012 14:51 64.8	29/10/2012 19:56 62.0	31/10/2012 21:01 65.2	2/11/2012 22:06 63.1	4/11/2012 11:11 66.4	4/11/2012 20:16 62.6
28/10/2012 14:56 63.0	29/10/2012 20:01 60.8	31/10/2012 21:06 65.0	2/11/2012 22:11 64.2	4/11/2012 11:16 65.6	4/11/2012 20:21 63.3
28/10/2012 15:01 67.3	29/10/2012 20:06 60.9	31/10/2012 21:11 65.1	2/11/2012 22:16 62.6	4/11/2012 11:21 66.7	4/11/2012 20:26 63.0
28/10/2012 15:06 69.7	29/10/2012 20:11 61.0	31/10/2012 21:16 64.7	2/11/2012 22:21 63.6	4/11/2012 11:26 67.9	4/11/2012 20:31 62.2
28/10/2012 15:11 61.5	29/10/2012 20:16 61.6	31/10/2012 21:21 64.7	2/11/2012 22:26 64.5	4/11/2012 11:31 67.1	4/11/2012 20:36 61.9
28/10/2012 15:16 61.8	29/10/2012 20:21 61.9	31/10/2012 21:26 64.6	2/11/2012 22:31 63.5	4/11/2012 11:36 65.9	4/11/2012 20:41 62.0
28/10/2012 15:21 63.6	29/10/2012 20:26 61.8	31/10/2012 21:31 64.8	2/11/2012 22:36 62.8	4/11/2012 11:41 63.7	4/11/2012 20:46 62.8
28/10/2012 15:26 62.8	29/10/2012 20:31 63.0	31/10/2012 21:36 64.7	2/11/2012 22:41 62.9	4/11/2012 1	

Real-time Noise Data		RTN2a (Hong Kong Electric Centre)							
5/11/2012 19:26	62.5	7/11/2012 20:31	63.1	9/11/2012 21:36	61.9	11/11/2012 10:41	65.4	11/11/2012 19:46	62.8
5/11/2012 19:31	62.0	7/11/2012 20:36	63.8	9/11/2012 21:41	62.1	11/11/2012 10:46	64.8	11/11/2012 19:51	62.8
5/11/2012 19:36	62.8	7/11/2012 20:41	63.6	9/11/2012 21:46	62.2	11/11/2012 10:51	65.3	11/11/2012 19:56	63.1
5/11/2012 19:41	61.9	7/11/2012 20:46	63.0	9/11/2012 21:51	62.8	11/11/2012 10:56	66.1	11/11/2012 20:01	63.1
5/11/2012 19:46	62.1	7/11/2012 20:51	62.9	9/11/2012 21:56	63.4	11/11/2012 11:01	65.7	11/11/2012 20:06	63.0
5/11/2012 19:51	62.4	7/11/2012 20:56	62.4	9/11/2012 22:01	63.4	11/11/2012 11:06	65.4	11/11/2012 20:11	62.9
5/11/2012 19:56	62.3	7/11/2012 21:01	62.5	9/11/2012 22:06	63.0	11/11/2012 11:11	64.8	11/11/2012 20:16	64.0
5/11/2012 20:01	61.6	7/11/2012 21:06	63.1	9/11/2012 22:11	62.2	11/11/2012 11:16	65.4	11/11/2012 20:21	63.2
5/11/2012 20:06	61.4	7/11/2012 21:11	62.8	9/11/2012 22:16	63.3	11/11/2012 11:21	65.4	11/11/2012 20:26	62.1
5/11/2012 20:11	62.6	7/11/2012 21:16	62.4	9/11/2012 22:21	62.8	11/11/2012 11:26	66.8	11/11/2012 20:31	63.0
5/11/2012 20:16	62.3	7/11/2012 21:21	62.8	9/11/2012 22:26	63.0	11/11/2012 11:31	65.6	11/11/2012 20:36	62.0
5/11/2012 20:21	62.9	7/11/2012 21:26	63.4	9/11/2012 22:31	63.0	11/11/2012 11:36	64.3	11/11/2012 20:41	61.7
5/11/2012 20:26	63.9	7/11/2012 21:31	63.6	9/11/2012 22:36	61.9	11/11/2012 11:41	66.3	11/11/2012 20:46	62.4
5/11/2012 20:31	61.1	7/11/2012 21:36	62.5	9/11/2012 22:41	61.3	11/11/2012 11:46	63.9	11/11/2012 20:51	62.7
5/11/2012 20:36	62.5	7/11/2012 21:41	63.5	9/11/2012 22:46	61.1	11/11/2012 11:51	63.5	11/11/2012 20:56	61.5
5/11/2012 20:41	61.6	7/11/2012 21:46	62.3	9/11/2012 22:51	61.3	11/11/2012 11:56	63.8	11/11/2012 21:01	61.3
5/11/2012 20:46	61.6	7/11/2012 21:51	62.6	9/11/2012 22:56	61.1	11/11/2012 12:01	64.0	11/11/2012 21:06	62.6
5/11/2012 20:51	61.6	7/11/2012 21:56	63.2	10/11/2012 19:01	61.6	11/11/2012 12:06	63.7	11/11/2012 21:11	62.6
5/11/2012 20:56	62.7	7/11/2012 22:01	62.7	10/11/2012 19:06	63.6	11/11/2012 12:11	63.6	11/11/2012 21:16	62.3
5/11/2012 21:01	61.2	7/11/2012 22:06	62.5	10/11/2012 19:11	62.2	11/11/2012 12:16	63.2	11/11/2012 21:21	61.4
5/11/2012 21:06	62.1	7/11/2012 22:11	62.3	10/11/2012 19:16	62.6	11/11/2012 12:21	62.8	11/11/2012 21:26	61.6
5/11/2012 21:11	62.0	7/11/2012 22:16	62.8	10/11/2012 19:21	62.9	11/11/2012 12:26	62.9	11/11/2012 21:31	61.4
5/11/2012 21:16	62.1	7/11/2012 22:21	63.3	10/11/2012 19:26	63.0	11/11/2012 12:31	63.1	11/11/2012 21:36	61.6
5/11/2012 21:21	62.2	7/11/2012 22:26	62.1	10/11/2012 19:31	63.4	11/11/2012 12:36	63.7	11/11/2012 21:41	62.0
5/11/2012 21:26	62.0	7/11/2012 22:31	62.3	10/11/2012 19:36	64.6	11/11/2012 12:41	63.9	11/11/2012 21:46	62.2
5/11/2012 21:31	62.3	7/11/2012 22:36	62.0	10/11/2012 19:41	63.9	11/11/2012 12:46	64.2	11/11/2012 21:51	62.1
5/11/2012 21:36	61.8	7/11/2012 22:41	62.1	10/11/2012 19:46	63.4	11/11/2012 12:51	63.6	11/11/2012 21:56	61.5
5/11/2012 21:41	61.9	7/11/2012 22:46	62.2	10/11/2012 19:51	62.9	11/11/2012 12:56	64.5	11/11/2012 22:01	62.9
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6/11/2012 21:56	62.2	9/11/2012 19:01	63.4	11/11/2012 8:06	64.7	11/11/2012 17:11	68.4	12/11/2012 22:16	62.7
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Real-time Noise Data	RTN2a (Hong Kong Electric Centre)							
15/11/2012 21:56 61.1	18/11/2012 7:01 60.9	18/11/2012 16:06 64.1	19/11/2012 21:11 63.0	21/11/2012 22:16 65.1	24/11/2012 19:21 62.8			
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15/11/2012 22:46 61.9	18/11/2012 7:51 61.8	18/11/2012 16:56 64.0	19/11/2012 22:01 62.7	22/11/2012 19:06 60.9	24/11/2012 20:11 64.6			
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16/11/2012 19:01 58.3	18/11/2012 8:06 62.5	18/11/2012 17:11 64.1	19/11/2012 22:16 63.9	22/11/2012 19:21 60.7	24/11/2012 20:26 62.3			
16/11/2012 19:06 57.7	18/11/2012 8:11 62.4	18/11/2012 17:16 64.1	19/11/2012 22:21 62.8	22/11/2012 19:26 62.1	24/11/2012 20:31 62.3			
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16/11/2012 19:26 59.9	18/11/2012 8:31 62.8	18/11/2012 17:36 63.7	19/11/2012 22:41 62.6	22/11/2012 19:46 62.0	24/11/2012 20:51 63.3			
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16/11/2012 20:51 63.1	18/11/2012 9:56 63.8	18/11/2012 19:01 62.8	20/11/2012 20:06 64.4	22/11/2012 21:11 62.8	24/11/2012 22:16 62.9			
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16/11/2012 22:56 63.0	18/11/2012 12:01 64.0	18/11/2012 21:06 61.3	20/11/2012 22:11 61.8	23/11/2012 19:16 63.9	25/11/2012 8:21 64.3			
17/11/2012 19:01 63.5	18/11/2012 12:06 63.2	18/11/2012 21:11 62.0	20/11/2012 22:16 61.6	23/11/2012 19:21 64.9	25/11/2012 8:26 64.4			
17/11/2012 19:06 63.3	18/11/2012 12:11 63.6	18/11/2012 21:16 62.5	20/11/2012 22:21 62.3	23/11/2012 19:26 64.2	25/11/2012 8:31 64.6			
17/11/2012 19:11 63.6	18/11/2012 12:16 63.8	18/11/2012 21:21 60.9	20/11/2012 22:26 63.3	23/11/2012 19:31 64.0	25/11/2012 8:36 64.6			
17/11/2012 19:16 63.3	18/11/2012 12:21 63.8	18/11/2012 21:26 60.9	20/11/2012 22:31 62.6	23/11/2012 19:36 64.6	25/11/2012 8:41 64.7			
17/11/2012 19:21 63.9	18/11/2012 12:26 63.5	18/11/2012 21:31 61.9	20/11/2012 22:36 62.7	23/11/2012 19:41 64.2	25/11/2012 8:46 64.8			
17/11/2012 19:26 63.3	18/11/2012 12:31 63.3	18/11/2012 21:36 60.3	20/11/2012 22:41 62.7	23/11/2012 19:46 64.8	25/11/2012 8:51 64.6			
17/11/2012 19:31 63.2	18/11/2012 12:36 63.8	18/11/2012 21:41 61.3	20/11/2012 22:46 62.0	23/11/2012 19:51 64.3	25/11/2012 8:56 64.9			
17/11/2012 19:36 63.3	18/11/2012 12:41 63.5	18/11/2012 21:46 61.4	20/11/2012 22:51 61.6	23/11/2012 19:56 64.9	25/11/2012 9:01 64.6			
17/11/2012 19:41 63.1	18/11/2012 12:46 64.0	18/11/2012 21:51 61.0	20/11/2012 22:56 62.0	23/11/2012 20:01 64.4	25/11/2012 9:06 65.5			
17/11/2012 19:46 64.3	18/11/2012 12:51 63.6	18/11/2012 21:56 60.9	21/11/2012 19:01 64.1	23/11/2012 20:06 65.2	25/11/2012 9:11 65.6			
17/11/2012 19:51 63.3	18/11/2012 12:56 64.2	1						

Real-time Noise Data	RTN2a (Hong Kong Electric Centre)				
25/11/2012 12:26 65.4	25/11/2012 21:31 63.3	27/11/2012 22:36 64.1	29/10/2012 0:31 63.4	30/10/2012 1:36 59.4	31/10/2012 2:41 59.3
25/11/2012 12:31 65.4	25/11/2012 21:36 63.9	27/11/2012 22:41 64.2	29/10/2012 0:36 62.7	30/10/2012 1:41 58.7	31/10/2012 2:46 58.6
25/11/2012 12:36 65.2	25/11/2012 21:41 64.5	27/11/2012 22:46 63.5	29/10/2012 0:41 62.5	30/10/2012 1:46 59.0	31/10/2012 2:51 58.5
25/11/2012 12:41 65.4	25/11/2012 21:46 64.4	27/11/2012 22:51 63.7	29/10/2012 0:46 62.1	30/10/2012 1:51 59.7	31/10/2012 2:56 58.7
25/11/2012 12:46 65.2	25/11/2012 21:51 64.7	27/11/2012 22:56 63.8	29/10/2012 0:51 61.8	30/10/2012 1:56 59.1	31/10/2012 3:01 58.1
25/11/2012 12:51 65.3	25/11/2012 21:56 64.1		29/10/2012 0:56 62.3	30/10/2012 2:01 58.4	31/10/2012 3:06 58.3
25/11/2012 12:56 65.1	25/11/2012 22:01 63.5	Night time: 23:00-07:00	29/10/2012 1:01 62.1	30/10/2012 2:06 58.8	31/10/2012 3:11 57.8
25/11/2012 13:01 65.6	25/11/2012 22:06 64.1		29/10/2012 1:06 62.0	30/10/2012 2:11 60.7	31/10/2012 3:16 57.9
25/11/2012 13:06 65.4	25/11/2012 22:11 64.7	28/10/2012 0:01 60.5	29/10/2012 1:11 61.8	30/10/2012 2:16 59.1	31/10/2012 3:21 57.9
25/11/2012 13:11 65.2	25/11/2012 22:16 63.7	28/10/2012 0:06 59.8	29/10/2012 1:16 61.9	30/10/2012 2:21 59.0	31/10/2012 3:26 58.8
25/11/2012 13:16 65.4	25/11/2012 22:21 63.9	28/10/2012 0:11 60.2	29/10/2012 1:21 62.1	30/10/2012 2:26 58.3	31/10/2012 3:31 57.3
25/11/2012 13:21 65.2	25/11/2012 22:26 64.3	28/10/2012 0:16 60.1	29/10/2012 1:26 61.4	30/10/2012 2:31 58.2	31/10/2012 3:36 58.6
25/11/2012 13:26 65.4	25/11/2012 22:31 63.7	28/10/2012 0:21 62.3	29/10/2012 1:31 61.3	30/10/2012 2:36 58.3	31/10/2012 3:41 57.7
25/11/2012 13:31 65.0	25/11/2012 22:36 63.7	28/10/2012 0:26 59.2	29/10/2012 1:36 62.5	30/10/2012 2:41 57.5	31/10/2012 3:46 58.0
25/11/2012 13:36 65.0	25/11/2012 22:41 65.4	28/10/2012 0:31 59.6	29/10/2012 1:41 61.4	30/10/2012 2:46 58.6	31/10/2012 3:51 57.8
25/11/2012 13:41 65.2	25/11/2012 22:46 64.2	28/10/2012 0:36 58.1	29/10/2012 1:46 61.3	30/10/2012 2:51 57.4	31/10/2012 3:56 57.0
25/11/2012 13:46 65.2	25/11/2012 22:51 63.0	28/10/2012 0:41 57.9	29/10/2012 1:51 61.7	30/10/2012 2:56 58.8	31/10/2012 4:01 56.5
25/11/2012 13:51 65.3	25/11/2012 22:56 64.1	28/10/2012 0:46 59.5	29/10/2012 1:56 62.2	30/10/2012 3:01 58.4	31/10/2012 4:06 57.6
25/11/2012 13:56 65.4	26/11/2012 19:01 63.3	28/10/2012 0:51 59.6	29/10/2012 2:01 61.0	30/10/2012 3:06 57.5	31/10/2012 4:11 56.6
25/11/2012 14:01 65.8	26/11/2012 19:06 63.0	28/10/2012 0:56 57.7	29/10/2012 2:06 61.0	30/10/2012 3:11 56.6	31/10/2012 4:16 57.3
25/11/2012 14:06 65.5	26/11/2012 19:11 63.4	28/10/2012 1:01 57.1	29/10/2012 2:11 61.0	30/10/2012 3:16 57.6	31/10/2012 4:21 59.6
25/11/2012 14:11 65.3	26/11/2012 19:16 63.3	28/10/2012 1:06 57.3	29/10/2012 2:16 60.9	30/10/2012 3:21 57.1	31/10/2012 4:26 61.2
25/11/2012 14:16 65.6	26/11/2012 19:21 63.6	28/10/2012 1:11 56.9	29/10/2012 2:21 61.5	30/10/2012 3:26 56.5	31/10/2012 4:31 61.0
25/11/2012 14:21 66.5	26/11/2012 19:26 64.5	28/10/2012 1:16 57.7	29/10/2012 2:26 60.4	30/10/2012 3:31 57.2	31/10/2012 4:36 59.7
25/11/2012 14:26 65.6	26/11/2012 19:31 64.6	28/10/2012 1:21 56.7	29/10/2012 2:31 63.0	30/10/2012 3:36 57.3	31/10/2012 4:41 58.6
25/11/2012 14:31 65.3	26/11/2012 19:36 64.8	28/10/2012 1:26 57.0	29/10/2012 2:36 61.1	30/10/2012 3:41 56.7	31/10/2012 4:46 59.7
25/11/2012 14:36 65.3	26/11/2012 19:41 65.4	28/10/2012 1:31 54.4	29/10/2012 2:41 61.1	30/10/2012 3:46 57.8	31/10/2012 4:51 60.3
25/11/2012 14:41 65.0	26/11/2012 19:46 64.3	28/10/2012 1:36 56.7	29/10/2012 2:46 61.4	30/10/2012 3:51 57.6	31/10/2012 4:56 59.4
25/11/2012 14:46 64.9	26/11/2012 19:51 64.7	28/10/2012 1:41 60.3	29/10/2012 2:51 60.9	30/10/2012 3:56 57.1	31/10/2012 5:01 60.4
25/11/2012 14:51 65.3	26/11/2012 19:56 64.8	28/10/2012 1:46 56.9	29/10/2012 2:56 60.5	30/10/2012 4:01 56.0	31/10/2012 5:06 59.6
25/11/2012 14:56 65.6	26/11/2012 20:01 64.9	28/10/2012 1:51 54.4	29/10/2012 3:01 60.4	30/10/2012 4:06 57.7	31/10/2012 5:11 59.9
25/11/2012 15:01 65.1	26/11/2012 20:06 64.7	28/10/2012 1:56 55.2	29/10/2012 3:06 60.1	30/10/2012 4:11 56.7	31/10/2012 5:16 60.2
25/11/2012 15:06 65.6	26/11/2012 20:11 64.7	28/10/2012 2:01 53.1	29/10/2012 3:11 60.6	30/10/2012 4:16 57.0	31/10/2012 5:21 61.1
25/11/2012 15:11 65.7	26/11/2012 20:16 64.7	28/10/2012 2:06 54.3	29/10/2012 3:16 60.6	30/10/2012 4:21 56.8	31/10/2012 5:26 61.8
25/11/2012 15:16 65.7	26/11/2012 20:21 64.4	28/10/2012 2:11 55.6	29/10/2012 3:21 60.1	30/10/2012 4:26 56.6	31/10/2012 5:31 60.9
25/11/2012 15:21 65.6	26/11/2012 20:26 64.1	28/10/2012 2:16 54.3	29/10/2012 3:26 60.0	30/10/2012 4:31 56.5	31/10/2012 5:36 60.7
25/11/2012 15:26 65.8	26/11/2012 20:31 64.2	28/10/2012 2:21 54.5	29/10/2012 3:31 60.1	30/10/2012 4:36 57.6	31/10/2012 5:41 61.3
25/11/2012 15:31 65.9	26/11/2012 20:36 64.0	28/10/2012 2:26 53.3	29/10/2012 3:36 62.5	30/10/2012 4:41 55.5	31/10/2012 5:46 61.1
25/11/2012 15:36 65.3	26/11/2012 20:41 64.1	28/10/2012 2:31 56.4	29/10/2012 3:41 59.9	30/10/2012 4:46 57.2	31/10/2012 5:51 61.6
25/11/2012 15:41 65.0	26/11/2012 20:46 64.1	28/10/2012 2:36 54.9	29/10/2012 3:46 59.5	30/10/2012 4:51 58.0	31/10/2012 5:56 61.8
25/11/2012 15:46 65.9	26/11/2012 20:51 64.2	28/10/2012 2:41 53.4	29/10/2012 3:51 60.3	30/10/2012 4:56 57.9	31/10/2012 6:01 61.3
25/11/2012 15:51 66.0	26/11/2012 20:56 63.8	28/10/2012 2:46 53.6	29/10/2012 3:56 59.9	30/10/2012 5:01 57.8	31/10/2012 6:06 62.1
25/11/2012 15:56 65.4	26/11/2012 21:01 64.1	28/10/2012 2:51 53.4	29/10/2012 4:01 60.6	30/10/2012 5:06 58.1	31/10/2012 6:11 61.8
25/11/2012 16:01 66.1	26/11/2012 21:06 64.4	28/10/2012 2:56 53.9	29/10/2012 4:06 59.6	30/10/2012 5:11 58.9	31/10/2012 6:16 62.2
25/11/2012 16:06 65.2	26/11/2012 21:11 63.6	28/10/2012 3:01 49.5	29/10/2012 4:11 60.2	30/10/2012 5:16 57.8	31/10/2012 6:21 63.1
25/11/2012 16:11 65.5	26/11/2012 21:16 63.8	28/10/2012 3:06 49.5	29/10/2012 4:16 59.8	30/10/2012 5:21 59.0	31/10/2012 6:26 63.3
25/11/2012 16:16 65.8	26/11/2012 21:21 63.8	28/10/2012 3:11 56.0	29/10/2012 4:21 59.8	30/10/2012 5:26 58.5	31/10/2012 6:31 63.4
25/11/2012 16:21 65.6	26/11/2012 21:26 64.0	28/10/2012 3:16 44.6	29/10/2012 4:26 60.3	30/10/2012 5:31 58.5	31/10/2012 6:36 63.4
25/11/2012 16:26 65.4	26/11/2012 21:31 63.4	28/10/2012 3:21 51.6	29/10/2012 4:31 59.9	30/10/2012 5:36 58.7	31/10/2012 6:41 64.8
25/11/2012 16:31 65.4	26/11/2012 21:36 63.6	28/10/2012 3:26 53.0	29/10/2012 4:36 60.5	30/10/2012 5:41 59.9	31/10/2012 6:46 64.0
25/11/2012 16:36 65.7	26/11/2012 21:41 63.0	28/10/2012 3:31 51.8	29/10/2012 4:41 58.7	30/10/2012 5:46 59.8	31/10/2012 6:51 64.0
25/11/2012 16:41 65.3	26/11/2012 21:46 64.2	28/10/2012 3:36 58.6	29/10/2012 4:46 61.6	30/10/2012 5:51 59.6	31/10/2012 6:56 65.4
25/11/2012 16:46 65.5	26/11/2012 21:51 63.3	28/10/2012 3:41 48.5	29/10/2012 4:51 59.5	30/10/2012 5:56 59.6	31/10/2012 23:01 65.4
25/11/2012 16:51 66.0	26/11/2012 21:56 62.9	28/10/2012 3:46 54.0	29/10/2012 4:56 59.9	30/10/2012 6:01 60.1	31/10/2012 23:06 65.3
25/11/2012 16:56 65.7	26/11/2012 22:01 63.5	28/10/2012 3:51 47.9	29/10/2012 5:01 60.1	30/10/2012 6:06 60.6	31/10/2012 23:11 65.6
25/11/2012 17:01 65.7	26/11/2012 22:06 63.8	28/10/2012 3:56 49.9	29/10/2012 5:06 60.2	30/10/2012 6:11 60.4	31/10/2012 23:16 65.2
25/11/2012 17:06 65.1	26/11/2012 22:11 63.3	28/10/2012 4:01 44.1	29/10/2012 5:11 60.1	30/10/2012 6:16 60.7	31/10/2012 23:21 65.2
25/11/2012 17:11 65.9	26/11/2012 22:16 64.7	28/10/2012 4:06 58.4	29/10/2012 5:16 59.4	30/10/2012 6:21 61.1	31/10/2012 23:26 65.1
25/11/2012 17:16 65.6	26/11/2012 22:21 64.0	28/10/2012 4:11 45.4	29/10/2012 5:21 59.8	30/10/2012 6:26 61.7	31/10/2012 23:31 64.9
25/11/2012 17:21 65.4	26/11/2012 22:26 63.0	28/10/2012 4:16 58.2	29/10/2012 5:26 59.8	30/10/2012 6:31 62.0	31/10/2012 23:36 65.0
25/11/2012 17:26 65.5	26/11/2012 22:31 63.2	28/10/2012 4:21 58.4	29/10/2012 5:31 60.6	30/10/2012 6:36 62.3	31/10/2012 23:41 64.9
25/11/2012 17:31 64.9	26/11/2012 22:36 63.1	28/10/2012 4:26 57.9	29/10/2012 5:36 59.8	30/10/2012 6:41 62.2	31/10/2012 23:46 65.0
25/11/2012 17:36 65.9	26/11/2012 22:41 63.2	28/10/2012 4:31 44.6	29/10/2012 5:41 60.0	30/10/2012 6:46 62.7	31/10/2012 23:51 65.0
25/11/2012 17:41 65.4	26/11/2012 22:46 63.1	28/10/2012 4:36 49.2	29/10/2012 5:46 60.1	30/10/2012 6:51 63.5	31/10/2012 23:56 64.8
25/11/2012 17:46 65.7	26/11/2012 22:51 62.7	28/10/2012 4:41 58.9	29/10/2012 5:51 60.1	30/10/2012 6:56 63.6	1/11/2012 0:01 64.9
25/11/2012 17:51 65.7	26/11/2012 22:56 62.3	28/10/2012 4:46 50.1	29/10/2012 5:56 59.0	30/10/2012 23:01 62.7	1/11/2012 0:06 64.7
25/11/2012 17:56 64.9	27/11/2012 19:01 62.5	28/10/2012 4:51 49.1	29/10/2012 6:01 60.4	30/10/2012 23:06 62.7	1/11/2012 0:11 65.3
25/11/2012 18:01 64.8	27/11/2012 19:06 64.2	28/10/2012 4:56 45.2	29/10/2012 6:06 60.1	30/10/2012 23:11 62.8	1/11/2012 0:16 65.0
25/11/2012 18:06 64.7	27/11/2012 19:11 62.5	28/10/2012 5:01 58.8	29/10/2012 6:11 61.0	30/10/2012 23:16 62.7	1/11/2012 0:21 64.4
25/11/2012 18:11 64.9	27/11/2012 19:16 63.4	28/10/2012 5:06 58.6	29/10/2012 6:16 60.2	30/10/2012 23:21 62.9	1/11/2012 0:26 64.7
25/11/2012 18:16 65.5	27/11/2012 19:21 63.1	28/10/2012 5:11 53.9	29/10/2012 6:21 60.7	30/10/2012 23:26 62.6	1/11/2012 0:31 64.0
25/11/2012 18:21 65.3	27/11/2012 19:26 63.1	28/10/2012 5:16 32.5	29/10/2012 6:26 61.8	30/10/2012 23:31 62.3	1/11/2012 0:36 63.8
25/11/2012 18:26 65.1	27/11/2012 19:31 63.2	28/10/2012 5:21 50.2	29/10/2012 6:31 61.1	30/10/2012 23:36 61.7	1/11/2012 0:41 63.3
25/11/2012 18:31 65.2	27/11/2012 19:36 63.9	28/10/2012 5:26 49.0	29/10/2012 6:36 62.0	30/10/2012 23:41 62.1	1/11/2012 0:46 63.5
25/11/2012 18:36 65.1	27/11/2012 19:41 64.5	28/10/2012 5:31 58.4	29/10/2012 6:41 61.7	30/10/2012 23:46 62.2	1/11/2012 0:51 63.1
25/11/2012 18:41 64.8	27/11/2012 19:46 63.9	28/10/2012 5:36 48.1	29/10/2012 6:46 61.8	30/10/2012 23:51 63.0	1/11/2012 0:56 63.5
25/11/2012 18:46 64.8	27/11/2012 19:51 64.2	28/10/2012 5:41 49.0	29/10/2012 6:51 61.7	30/10/2012 23:56 62.4	1/11/2012 1:01 63.1
25/11/2012 18:51 65.9	27/11/2012 19:56 63.3	28/10/2012 5:46 58.3	29/10/2012 6:56 61.8	30/10/2012 0:01 61.8	1/11/2012 1:06 63.3
25/11/2012 18:56 65.3	27/11/2012 20:01 63.6	28/10/2012 5:51 51.9	29/10/2012 23:01		

Real-time Noise Data		RTN2a (Hong Kong Electric Centre)							
1/11/2012 3:46	59.7	2/11/2012 4:51	60.4	3/11/2012 5:56	60.6	4/11/2012 23:01	63.7	6/11/2012 0:06	62.6
1/11/2012 3:51	60.9	2/11/2012 4:56	61.4	3/11/2012 6:01	61.3	4/11/2012 23:06	64.1	6/11/2012 0:11	63.2
1/11/2012 3:56	60.2	2/11/2012 5:01	59.7	3/11/2012 6:06	60.6	4/11/2012 23:11	63.9	6/11/2012 0:16	62.3
1/11/2012 4:01	61.0	2/11/2012 5:06	59.9	3/11/2012 6:11	61.2	4/11/2012 23:16	63.9	6/11/2012 0:21	62.8
1/11/2012 4:06	59.6	2/11/2012 5:11	60.4	3/11/2012 6:16	62.4	4/11/2012 23:21	63.7	6/11/2012 0:26	61.3
1/11/2012 4:11	59.3	2/11/2012 5:16	59.9	3/11/2012 6:21	61.7	4/11/2012 23:26	63.9	6/11/2012 0:31	62.4
1/11/2012 4:16	60.0	2/11/2012 5:21	60.6	3/11/2012 6:26	62.5	4/11/2012 23:31	63.4	6/11/2012 0:36	61.5
1/11/2012 4:21	60.3	2/11/2012 5:26	60.9	3/11/2012 6:31	62.4	4/11/2012 23:36	63.5	6/11/2012 0:41	61.2
1/11/2012 4:26	59.2	2/11/2012 5:31	60.2	3/11/2012 6:36	62.9	4/11/2012 23:41	63.9	6/11/2012 0:46	61.2
1/11/2012 4:31	59.7	2/11/2012 5:36	61.1	3/11/2012 6:41	63.8	4/11/2012 23:46	63.9	6/11/2012 0:51	59.8
1/11/2012 4:36	59.9	2/11/2012 5:41	61.5	3/11/2012 6:46	63.4	4/11/2012 23:51	63.0	6/11/2012 0:56	61.1
1/11/2012 4:41	59.3	2/11/2012 5:46	60.3	3/11/2012 6:51	63.9	4/11/2012 23:56	63.8	6/11/2012 1:01	60.3
1/11/2012 4:46	60.2	2/11/2012 5:51	61.0	3/11/2012 6:56	64.6	5/11/2012 0:01	63.1	6/11/2012 1:06	61.1
1/11/2012 4:51	59.3	2/11/2012 5:56	60.4	3/11/2012 7:01	63.8	5/11/2012 0:06	63.4	6/11/2012 1:11	59.7
1/11/2012 4:56	60.3	2/11/2012 6:01	61.8	3/11/2012 23:06	64.0	5/11/2012 0:11	63.2	6/11/2012 1:16	59.8
1/11/2012 5:01	60.9	2/11/2012 6:06	61.7	3/11/2012 23:11	63.9	5/11/2012 0:16	62.8	6/11/2012 1:21	60.2
1/11/2012 5:06	61.4	2/11/2012 6:11	63.2	3/11/2012 23:16	64.6	5/11/2012 0:21	63.2	6/11/2012 1:26	59.2
1/11/2012 5:11	61.0	2/11/2012 6:16	62.4	3/11/2012 23:21	64.4	5/11/2012 0:26	63.0	6/11/2012 1:31	58.5
1/11/2012 5:16	61.4	2/11/2012 6:21	62.5	3/11/2012 23:26	63.8	5/11/2012 0:31	63.0	6/11/2012 1:36	59.6
1/11/2012 5:21	61.7	2/11/2012 6:26	62.6	3/11/2012 23:31	63.9	5/11/2012 0:36	62.9	6/11/2012 1:41	58.4
1/11/2012 5:26	61.6	2/11/2012 6:31	63.2	3/11/2012 23:36	64.8	5/11/2012 0:41	62.4	6/11/2012 1:46	58.8
1/11/2012 5:31	61.9	2/11/2012 6:36	63.3	3/11/2012 23:41	63.8	5/11/2012 0:46	62.6	6/11/2012 1:51	59.4
1/11/2012 5:36	61.5	2/11/2012 6:41	64.2	3/11/2012 23:46	63.7	5/11/2012 0:51	62.6	6/11/2012 1:56	58.5
1/11/2012 5:41	62.1	2/11/2012 6:46	63.6	3/11/2012 23:51	63.8	5/11/2012 0:56	62.0	6/11/2012 2:01	59.3
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1/11/2012 5:56	60.9	2/11/2012 23:01	64.1	4/11/2012 0:06	63.4	5/11/2012 1:11	62.7	6/11/2012 2:16	58.5
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1/11/2012 6:56	65.4	3/11/2012 0:01	64.3	4/11/2012 1:06	62.7	5/11/2012 2:11	61.2	6/11/2012 3:16	57.3
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2/11/2012 1:56	61.4	3/11/2012 3:01	59.3	4/11/2012 4:06	59.8	5/11/2012 5:11	59.2	6/11/2012 6:16	61.7
2/11/2012 2:01	61.3	3/11/2012 3:06	59.1	4/11/2012 4:11	59.6	5/11/2012 5:16	59.8	6/11/2012 6:21	62.0
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2/11/2012 2:41	60.8	3/11/2012 3:46	60.6	4/11/2012 4:51	60.4	5/11/2012 5:56	59.5	6/11/2012 23:01	63.9

Real-time Noise Data		RTN2a (Hong Kong Electric Centre)	
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8/11/2012 2:21	59.6	9/11/2012 3:26	58.0
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8/11/2012 2:56	59.0	9/11/2012 4:01	58.9
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8/11/2012 3:21	57.7	9/11/2012 4:26	57.7
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10/11/2012 7:51	63.4	10/11/2012 7:51	63.4
10/11/2012 7:56	64.0	10/11/2012 7:56	64.0
10/11/2012 8:01	62.9	10/11/2012 8:01	62.9
10/11/2012 8:06	63.8	10/11/2012 8:06	63.8
10/11/2012 8:11	63.2	10/11/2012 8:11	63.2
10/11/2012 8:16	63.2	10/11/2012 8:16	63.2
10/11/2012 8:21	63.3	10/11/2012 8:21	63.3
10/11/2012 8:26	63.3	10/11/2012 8:26	63.3
10/11/2012 8:31	63.4	10/11/2012 8:31	63.4
10/11/2012 8:36	63.7	10/11/2012 8:36	63.7
10/11/2012 8:41	63.4	10/11/2012 8:41	63.4
10/11/2012 8:46	63.0	10/11/2012 8:46	63.0
10/11/2012 8:51	61.7	10/11/2012 8:51	61.7
10/11/2012 8:56	61.8	10/11/2012 8:56	61.8
10/11/2012 9:01	62.0	10/11/2012 9:01	62.0
10/11/2012 9:06	62.8	10/11/2012 9:06	62.8
10/11/2012 9:11	62.5	10/11/2012 9:11	62.5
10/11/2012 9:16	63.1	10/11/2012 9:16	63.1
10/11/2012 9:21	62.1	10/11/2012 9:21	62.1
10/11/2012 9:26	62.2	10/11/2012 9:26	62.2
10/11/2012 9:31	61.9	10/11/2012 9:31	61.9
10/11/2012 9:36	62.1	10/11/2012 9:36	62.1
10/11/2012 9:41	61.8	10/11/2012 9:41	61.8
10/11/2012 9:46	61.6	10/11/2012 9:46	61.6
10/11/2012 9:51	62.0	10/11/2012 9:51	62.0
10/11/2012 9:56	62.0	10/11/2012 9:56	62.0
10/11/2012 10:01	61.5	10/11/2012 10:01	61.5
10/11/2012 10:06	61.3	10/11/2012 10:06	61.3
10/11/2012 10:11	61.4	10/11/2012 10:11	61.4
10/11/2012 10:16	61.8	10/11/2012 10:16	61.8
10/11/2012 10:21	61.4	10/11/2012 10:21	61.4
10/11/2012 10:26	60.8	10/11/2012 10:26	60.8
10/11/2012 10:31	61.4	10/11/2012 10:31	61.4
10/11/2012 10:36	61.1	10/11/2012 10:36	61.1
10/11/2012 10:41	60.9	10/11/2012 10:41	60.9
10/11/2012 10:46	61.2	10/11/2012 10:46	61.2
10/11/2012 10:51	60.4	10/11/2012 10:51	60.4
10/11/2012 10:56	60.7	10/11/2012 10:56	60.7
10/11/2012 11:01	60.0	10/11/2012 11:01	60.0
10/11/2012 11:06	60.6	10/11/2012 11:06	60.6
10/11/2012 11:11	61.0	10/11/2012 11:11	61.0
10/11/2012 11:16	61.1	10/11/2012 11:16	61.1
10/11/2012 11:21	61.1	10/11/2012 11:21	61.1
10/11/2012 11:26	61.1	10/11/2012 11:26	61.1
10/11/2012 11:31	61.2	10/11/2012 11:31	61.2
10/11/2012 11:36	61.3	10/11/2012 11:36	61.3
10/11/2012 11:41	61.3	10/11/2012 11:41	61.3
10/11/2012 11:46	61.3	10/11/2012 11:46	61.3
10/11/2012 11:51	61.4	10/11/2012 11:51	61.4
10/11/2012 11:56	61.4	10/11/2012 11:56	61.4
10/11/20			

Real-time Noise Data		RTN2a (Hong Kong Electric Centre)											
15/11/2012 0:46	61.3	16/11/2012 1:51	60.1	17/11/2012 2:56	61.4	18/11/2012 4:01	60.2	19/11/2012 5:06	49.6	20/11/2012 6:11	60.6		
15/11/2012 0:51	61.7	16/11/2012 1:56	59.6	17/11/2012 3:01	61.1	18/11/2012 4:06	59.2	19/11/2012 5:11	58.6	20/11/2012 6:16	61.5		
15/11/2012 0:56	62.0	16/11/2012 2:01	60.0	17/11/2012 3:06	61.5	18/11/2012 4:11	60.0	19/11/2012 5:16	45.4	20/11/2012 6:21	61.3		
15/11/2012 1:01	61.0	16/11/2012 2:06	59.9	17/11/2012 3:11	60.8	18/11/2012 4:16	60.5	19/11/2012 5:21	58.9	20/11/2012 6:26	61.3		
15/11/2012 1:06	61.1	16/11/2012 2:11	59.1	17/11/2012 3:16	61.1	18/11/2012 4:21	60.6	19/11/2012 5:26	49.2	20/11/2012 6:31	62.3		
15/11/2012 1:11	61.5	16/11/2012 2:16	59.3	17/11/2012 3:21	60.7	18/11/2012 4:26	60.1	19/11/2012 5:31	52.3	20/11/2012 6:36	62.7		
15/11/2012 1:16	60.9	16/11/2012 2:21	58.0	17/11/2012 3:26	60.7	18/11/2012 4:31	59.7	19/11/2012 5:36	54.9	20/11/2012 6:41	63.0		
15/11/2012 1:21	60.9	16/11/2012 2:26	59.1	17/11/2012 3:31	61.0	18/11/2012 4:36	60.0	19/11/2012 5:41	52.8	20/11/2012 6:46	63.1		
15/11/2012 1:26	60.3	16/11/2012 2:31	59.9	17/11/2012 3:36	60.8	18/11/2012 4:41	59.7	19/11/2012 5:46	56.1	20/11/2012 6:51	63.4		
15/11/2012 1:31	60.0	16/11/2012 2:36	58.3	17/11/2012 3:41	60.0	18/11/2012 4:46	59.0	19/11/2012 5:51	57.3	20/11/2012 6:56	64.4		
15/11/2012 1:36	60.1	16/11/2012 2:41	59.4	17/11/2012 3:46	60.9	18/11/2012 4:51	59.2	19/11/2012 5:56	55.6	20/11/2012 23:01	64.1		
15/11/2012 1:41	59.8	16/11/2012 2:46	58.6	17/11/2012 3:51	60.6	18/11/2012 4:56	59.4	19/11/2012 6:01	56.6	20/11/2012 23:06	63.8		
15/11/2012 1:46	60.0	16/11/2012 2:51	57.8	17/11/2012 3:56	59.9	18/11/2012 5:01	59.5	19/11/2012 6:06	57.6	20/11/2012 23:11	63.9		
15/11/2012 1:51	60.3	16/11/2012 2:56	57.8	17/11/2012 4:01	60.4	18/11/2012 5:06	60.4	19/11/2012 6:11	57.9	20/11/2012 23:16	63.3		
15/11/2012 1:56	59.6	16/11/2012 3:01	58.0	17/11/2012 4:06	60.3	18/11/2012 5:11	60.4	19/11/2012 6:16	57.8	20/11/2012 23:21	63.7		
15/11/2012 2:01	60.0	16/11/2012 3:06	59.2	17/11/2012 4:11	60.2	18/11/2012 5:16	60.1	19/11/2012 6:21	59.8	20/11/2012 23:26	63.4		
15/11/2012 2:06	59.7	16/11/2012 3:11	58.8	17/11/2012 4:16	60.5	18/11/2012 5:21	60.1	19/11/2012 6:26	59.4	20/11/2012 23:31	63.7		
15/11/2012 2:11	60.2	16/11/2012 3:16	58.0	17/11/2012 4:21	60.8	18/11/2012 5:26	59.6	19/11/2012 6:31	60.2	20/11/2012 23:36	63.3		
15/11/2012 2:16	60.1	16/11/2012 3:21	58.1	17/11/2012 4:26	60.2	18/11/2012 5:31	60.0	19/11/2012 6:36	61.1	20/11/2012 23:41	63.3		
15/11/2012 2:21	58.9	16/11/2012 3:26	58.1	17/11/2012 4:31	60.0	18/11/2012 5:36	60.2	19/11/2012 6:41	61.5	20/11/2012 23:46	63.4		
15/11/2012 2:26	59.3	16/11/2012 3:31	58.6	17/11/2012 4:36	61.0	18/11/2012 5:41	60.3	19/11/2012 6:46	62.4	20/11/2012 23:51	63.4		
15/11/2012 2:31	59.1	16/11/2012 3:36	59.0	17/11/2012 4:41	60.5	18/11/2012 5:46	60.9	19/11/2012 6:51	62.6	20/11/2012 23:56	63.2		
15/11/2012 2:36	59.2	16/11/2012 3:41	58.1	17/11/2012 4:46	60.9	18/11/2012 5:51	61.5	19/11/2012 6:56	62.6	21/11/2012 0:01	63.3		
15/11/2012 2:41	58.8	16/11/2012 3:46	58.6	17/11/2012 4:51	60.6	18/11/2012 5:56	61.0	19/11/2012 23:01	63.7	21/11/2012 0:06	62.5		
15/11/2012 2:46	59.9	16/11/2012 3:51	59.1	17/11/2012 4:56	60.1	18/11/2012 6:01	59.8	19/11/2012 23:06	63.6	21/11/2012 0:11	61.8		
15/11/2012 2:51	58.7	16/11/2012 3:56	57.3	17/11/2012 5:01	60.8	18/11/2012 6:06	61.1	19/11/2012 23:11	63.4	21/11/2012 0:16	62.4		
15/11/2012 2:56	58.9	16/11/2012 4:01	57.3	17/11/2012 5:06	60.1	18/11/2012 6:11	60.8	19/11/2012 23:16	63.5	21/11/2012 0:21	62.1		
15/11/2012 3:01	59.1	16/11/2012 4:06	58.6	17/11/2012 5:11	60.4	18/11/2012 6:16	61.0	19/11/2012 23:21	63.4	21/11/2012 0:26	62.0		
15/11/2012 3:06	58.3	16/11/2012 4:11	58.7	17/11/2012 5:16	61.1	18/11/2012 6:21	61.8	19/11/2012 23:26	63.7	21/11/2012 0:31	61.6		
15/11/2012 3:11	58.5	16/11/2012 4:16	58.1	17/11/2012 5:21	60.5	18/11/2012 6:26	62.2	19/11/2012 23:31	63.6	21/11/2012 0:36	61.5		
15/11/2012 3:16	58.8	16/11/2012 4:21	57.7	17/11/2012 5:26	60.1	18/11/2012 6:31	61.7	19/11/2012 23:36	64.5	21/11/2012 0:41	61.1		
15/11/2012 3:21	58.9	16/11/2012 4:26	57.1	17/11/2012 5:31	59.5	18/11/2012 6:36	61.7	19/11/2012 23:41	62.8	21/11/2012 0:46	61.4		
15/11/2012 3:26	59.2	16/11/2012 4:31	58.3	17/11/2012 5:36	60.3	18/11/2012 6:41	62.5	19/11/2012 23:46	63.4	21/11/2012 0:51	61.2		
15/11/2012 3:31	58.3	16/11/2012 4:36	59.3	17/11/2012 5:41	61.0	18/11/2012 6:46	62.0	19/11/2012 23:51	63.1	21/11/2012 0:56	61.2		
15/11/2012 3:36	58.3	16/11/2012 4:41	58.2	17/11/2012 5:46	60.1	18/11/2012 6:51	62.2	19/11/2012 23:56	63.1	21/11/2012 1:01	61.1		
15/11/2012 3:41	58.6	16/11/2012 4:46	58.7	17/11/2012 5:51	60.4	18/11/2012 6:56	62.5	20/11/2012 0:01	62.1	21/11/2012 1:06	61.1		
15/11/2012 3:46	58.1	16/11/2012 4:51	59.2	17/11/2012 5:56	60.8	18/11/2012 23:01	62.7	20/11/2012 0:06	63.3	21/11/2012 1:11	61.5		
15/11/2012 3:51	57.7	16/11/2012 4:56	58.6	17/11/2012 6:01	60.1	18/11/2012 23:06	62.8	20/11/2012 0:11	62.4	21/11/2012 1:16	60.5		
15/11/2012 3:56	57.6	16/11/2012 5:01	58.8	17/11/2012 6:06	61.4	18/11/2012 23:11	62.6	20/11/2012 0:16	62.5	21/11/2012 1:21	60.8		
15/11/2012 4:01	58.4	16/11/2012 5:06	59.5	17/11/2012 6:11	60.8	18/11/2012 23:16	62.7	20/11/2012 0:21	62.5	21/11/2012 1:26	60.4		
15/11/2012 4:06	57.8	16/11/2012 5:11	58.2	17/11/2012 6:16	61.3	18/11/2012 23:21	62.5	20/11/2012 0:26	62.2	21/11/2012 1:31	60.5		
15/11/2012 4:11	57.8	16/11/2012 5:16	59.5	17/11/2012 6:21	61.6	18/11/2012 23:26	61.9	20/11/2012 0:31	62.2	21/11/2012 1:36	60.6		
15/11/2012 4:16	58.7	16/11/2012 5:21	59.9	17/11/2012 6:26	62.2	18/11/2012 23:31	61.9	20/11/2012 0:36	63.5	21/11/2012 1:41	60.2		
15/11/2012 4:21	57.7	16/11/2012 5:26	60.1	17/11/2012 6:31	61.9	18/11/2012 23:36	62.8	20/11/2012 0:41	62.0	21/11/2012 1:46	60.3		
15/11/2012 4:26	59.3	16/11/2012 5:31	59.2	17/11/2012 6:36	62.6	18/11/2012 23:41	62.1	20/11/2012 0:46	61.7	21/11/2012 1:51	60.2		
15/11/2012 4:31	57.6	16/11/2012 5:36	59.5	17/11/2012 6:41	62.6	18/11/2012 23:46	62.5	20/11/2012 0:51	61.8	21/11/2012 1:56	59.6		
15/11/2012 4:36	57.9	16/11/2012 5:41	59.5	17/11/2012 6:46	63.2	18/11/2012 23:51	62.0	20/11/2012 0:56	61.7	21/11/2012 2:01	59.6		
15/11/2012 4:41	57.2	16/11/2012 5:46	59.6	17/11/2012 6:51	63.5	18/11/2012 23:56	62.1	20/11/2012 1:01	60.4	21/11/2012 2:06	59.5		
15/11/2012 4:46	58.8	16/11/2012 5:51	60.2	17/11/2012 6:56	63.4	19/11/2012 0:01	61.9	20/11/2012 1:06	61.3	21/11/2012 2:11	59.3		
15/11/2012 4:51	58.0	16/11/2012 5:56	59.6	17/11/2012 23:01	63.6	19/11/2012 0:06	60.8	20/11/2012 1:11	60.5	21/11/2012 2:16	59.5		
15/11/2012 4:56	58.5	16/11/2012 6:01	59.0	17/11/2012 23:06	63.6	19/11/2012 0:11	60.7	20/11/2012 1:16	60.8	21/11/2012 2:21	59.0		
15/11/2012 5:01	58.9	16/11/2012 6:06	60.0	17/11/2012 23:11	64.2	19/11/2012 0:16	62.2	20/11/2012 1:21	60.5	21/11/2012 2:26	58.1		
15/11/2012 5:06	59.1	16/11/2012 6:11	61.9	17/11/2012 23:16	64.4	19/11/2012 0:21	61.2	20/11/2012 1:26	61.1	21/11/2012 2:31	58.3		
15/11/2012 5:11	58.7	16/11/2012 6:16	61.2	17/11/2012 23:21	64.4	19/11/2012 0:26	60.8	20/11/2012 1:31	60.6	21/11/2012 2:36	58.3		
15/11/2012 5:16	59.7	16/11/2012 6:21	61.6	17/11/2012 23:26	65.2	19/11/2012 0:31	59.8	20/11/2012 1:36	59.8	21/11/2012 2:41	58.4		
15/11/2012 5:21	59.3	16/11/2012 6:26	63.0	17/11/2012 23:31	64.3	19/11/2012 0:36	58.7	20/11/2012 1:41	59.7	21/11/2012 2:46	58.7		
15/11/2012 5:26	59.0	16/11/2012 6:31	62.2	17/11/2012 23:36	64.2	19/11/2012 0:41	59.7	20/11/2012 1:46	60.5	21/11/2012 2:51	58.7		
15/11/2012 5:31	58.8	16/11/2012 6:36	62.2	17/11/2012 23:41	64.5	19/11/2012 0:46	59.7	20/11/2012 1:51	60.1	21/11/2012 2:56	58.6		
15/11/2012 5:36	59.4	16/11/2012 6:41	62.7	17/11/2012 23:46	64.2	19/11/2012 0:51	59.7	20/11/2012 1:56	59.6	21/11/2012 3:01	58.4		
15/11/2012 5:41	59.9	16/11/2012 6:46	62.8	17/11/2012 23:51	63.6	19/11/2012 0:56	56.6	20/11/2012 2:01	59.4	21/11/2012 3:06	58.7		
15/11/2012 5:46	60.3	16/11/2012 6:51	63.6	17/11/2012 23:56	63.9	19/11/2012 1:01	58.2	20/11/2012 2:06	59.6	21/11/2012 3:11	58.3		
15/11/2012 5:51	59.8	16/11/2012 6:56	64.0	18/11/2012 0:01	64.3	19/11/2012 1:06	57.2	20/11/2012 2:11	59.1	21/11/2012 3:16	58.4		
15/11/2012 5:56	59.4	16/11/2012 23:01	64.2	18/11/2012 0:06	63.6	19/11/2012 1:11	57.7	20/11/2012 2:16	59.4	21/11/2012 3:21	57.5		
15/11/2012 6:01	60.3	16/11/2012 23:06	64.1	18/11/2012 0:11	63.6	19/11/2012 1:16	55.9	20/11/2012 2:21	59.8	21/11/2012 3:26	57.9		
15/11/2012 6:06	60.7	16/11/2012 23:11	63.9	18/11/2012 0:16	63.5	19/11/2012 1:21	57.0	20/11/2012 2:26	58.2	21/11/2012 3:			

Real-time Noise Data	RTN2a (Hong Kong Electric Centre)				
21/11/2012 23:16 64.7	23/11/2012 0:21 61.5	24/11/2012 1:26 62.8	25/11/2012 2:31 62.7	26/11/2012 3:36 58.8	27/11/2012 4:41 48.7
21/11/2012 23:21 65.1	23/11/2012 0:26 61.7	24/11/2012 1:31 63.1	25/11/2012 2:36 62.2	26/11/2012 3:41 58.0	27/11/2012 4:46 55.0
21/11/2012 23:26 64.9	23/11/2012 0:31 61.9	24/11/2012 1:36 66.5	25/11/2012 2:41 62.3	26/11/2012 3:46 58.1	27/11/2012 4:51 55.2
21/11/2012 23:31 65.1	23/11/2012 0:36 59.9	24/11/2012 1:41 62.8	25/11/2012 2:46 62.7	26/11/2012 3:51 59.8	27/11/2012 4:56 55.9
21/11/2012 23:36 64.7	23/11/2012 0:41 58.6	24/11/2012 1:46 62.6	25/11/2012 2:51 61.5	26/11/2012 3:56 57.9	27/11/2012 5:01 53.5
21/11/2012 23:41 64.9	23/11/2012 0:46 58.9	24/11/2012 1:51 62.2	25/11/2012 2:56 62.5	26/11/2012 4:01 57.8	27/11/2012 5:06 56.4
21/11/2012 23:46 64.1	23/11/2012 0:51 59.3	24/11/2012 1:56 62.3	25/11/2012 3:01 62.1	26/11/2012 4:06 58.6	27/11/2012 5:11 57.5
21/11/2012 23:51 64.9	23/11/2012 0:56 59.7	24/11/2012 2:01 64.6	25/11/2012 3:06 61.5	26/11/2012 4:11 58.5	27/11/2012 5:16 58.0
21/11/2012 23:56 64.3	23/11/2012 1:01 58.5	24/11/2012 2:06 62.5	25/11/2012 3:11 62.1	26/11/2012 4:16 57.6	27/11/2012 5:21 58.1
22/11/2012 0:01 64.4	23/11/2012 1:06 60.5	24/11/2012 2:11 62.0	25/11/2012 3:16 61.8	26/11/2012 4:21 57.7	27/11/2012 5:26 56.9
22/11/2012 0:06 64.4	23/11/2012 1:11 59.9	24/11/2012 2:16 61.6	25/11/2012 3:21 61.3	26/11/2012 4:26 57.5	27/11/2012 5:31 57.6
22/11/2012 0:11 64.2	23/11/2012 1:16 58.3	24/11/2012 2:21 61.7	25/11/2012 3:26 61.1	26/11/2012 4:31 56.7	27/11/2012 5:36 56.5
22/11/2012 0:16 64.4	23/11/2012 1:21 58.3	24/11/2012 2:26 62.6	25/11/2012 3:31 62.2	26/11/2012 4:36 57.9	27/11/2012 5:41 58.7
22/11/2012 0:21 63.6	23/11/2012 1:26 58.5	24/11/2012 2:31 61.6	25/11/2012 3:36 61.8	26/11/2012 4:41 57.9	27/11/2012 5:46 60.9
22/11/2012 0:26 64.5	23/11/2012 1:31 57.4	24/11/2012 2:36 62.1	25/11/2012 3:41 61.1	26/11/2012 4:46 58.6	27/11/2012 5:51 60.0
22/11/2012 0:31 63.7	23/11/2012 1:36 58.0	24/11/2012 2:41 62.0	25/11/2012 3:46 61.4	26/11/2012 4:51 58.4	27/11/2012 5:56 58.6
22/11/2012 0:36 63.3	23/11/2012 1:41 56.2	24/11/2012 2:46 61.9	25/11/2012 3:51 61.5	26/11/2012 4:56 58.5	27/11/2012 6:01 60.7
22/11/2012 0:41 63.3	23/11/2012 1:46 57.6	24/11/2012 2:51 61.4	25/11/2012 3:56 61.1	26/11/2012 5:01 58.1	27/11/2012 6:06 61.1
22/11/2012 0:46 62.5	23/11/2012 1:51 57.3	24/11/2012 2:56 61.4	25/11/2012 4:01 60.6	26/11/2012 5:06 60.1	27/11/2012 6:11 62.3
22/11/2012 0:51 63.1	23/11/2012 1:56 57.8	24/11/2012 3:01 61.4	25/11/2012 4:06 62.0	26/11/2012 5:11 59.6	27/11/2012 6:16 63.5
22/11/2012 0:56 62.4	23/11/2012 2:01 54.0	24/11/2012 3:06 61.5	25/11/2012 4:11 61.5	26/11/2012 5:16 59.4	27/11/2012 6:21 63.3
22/11/2012 1:01 61.8	23/11/2012 2:06 57.0	24/11/2012 3:11 61.3	25/11/2012 4:16 60.8	26/11/2012 5:21 60.9	27/11/2012 6:26 64.2
22/11/2012 1:06 63.2	23/11/2012 2:11 56.3	24/11/2012 3:16 60.8	25/11/2012 4:21 61.6	26/11/2012 5:26 59.7	27/11/2012 6:31 63.9
22/11/2012 1:11 62.1	23/11/2012 2:16 54.4	24/11/2012 3:21 62.2	25/11/2012 4:26 61.0	26/11/2012 5:31 59.5	27/11/2012 6:36 64.1
22/11/2012 1:16 61.9	23/11/2012 2:21 54.7	24/11/2012 3:26 61.4	25/11/2012 4:31 61.7	26/11/2012 5:36 60.4	27/11/2012 6:41 64.8
22/11/2012 1:21 62.1	23/11/2012 2:26 56.5	24/11/2012 3:31 60.0	25/11/2012 4:36 61.1	26/11/2012 5:41 60.2	27/11/2012 6:46 64.8
22/11/2012 1:26 61.5	23/11/2012 2:31 55.1	24/11/2012 3:36 60.6	25/11/2012 4:41 60.9	26/11/2012 5:46 60.8	27/11/2012 6:51 65.0
22/11/2012 1:31 61.3	23/11/2012 2:36 55.9	24/11/2012 3:41 61.2	25/11/2012 4:46 60.7	26/11/2012 5:51 60.3	27/11/2012 6:56 65.3
22/11/2012 1:36 60.9	23/11/2012 2:41 54.8	24/11/2012 3:46 61.1	25/11/2012 4:51 61.5	26/11/2012 5:56 60.6	
22/11/2012 1:41 61.2	23/11/2012 2:46 53.5	24/11/2012 3:51 61.5	25/11/2012 4:56 61.0	26/11/2012 6:01 61.3	
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22/11/2012 1:51 61.6	23/11/2012 2:56 44.9	24/11/2012 4:01 60.9	25/11/2012 5:06 61.7	26/11/2012 6:11 62.0	
22/11/2012 1:56 60.7	23/11/2012 3:01 53.0	24/11/2012 4:06 60.8	25/11/2012 5:11 62.1	26/11/2012 6:16 62.7	
22/11/2012 2:01 61.0	23/11/2012 3:06 52.1	24/11/2012 4:11 61.2	25/11/2012 5:16 61.5	26/11/2012 6:21 62.9	
22/11/2012 2:06 61.3	23/11/2012 3:11 47.7	24/11/2012 4:16 59.8	25/11/2012 5:21 62.2	26/11/2012 6:26 63.6	
22/11/2012 2:11 60.3	23/11/2012 3:16 52.8	24/11/2012 4:21 60.0	25/11/2012 5:26 62.0	26/11/2012 6:31 64.4	
22/11/2012 2:16 60.5	23/11/2012 3:21 49.7	24/11/2012 4:26 60.3	25/11/2012 5:31 61.7	26/11/2012 6:36 63.8	
22/11/2012 2:21 60.1	23/11/2012 3:26 58.8	24/11/2012 4:31 59.6	25/11/2012 5:36 61.1	26/11/2012 6:41 64.2	
22/11/2012 2:26 60.5	23/11/2012 3:31 51.1	24/11/2012 4:36 60.5	25/11/2012 5:41 61.7	26/11/2012 6:46 64.5	
22/11/2012 2:31 61.1	23/11/2012 3:36 43.0	24/11/2012 4:41 58.9	25/11/2012 5:46 62.7	26/11/2012 6:51 64.6	
22/11/2012 2:36 59.7	23/11/2012 3:41 48.9	24/11/2012 4:46 60.0	25/11/2012 5:51 62.5	26/11/2012 6:56 65.2	
22/11/2012 2:41 59.5	23/11/2012 3:46 55.8	24/11/2012 4:51 60.5	25/11/2012 5:56 63.1	26/11/2012 23:01 63.8	
22/11/2012 2:46 59.8	23/11/2012 3:51 58.4	24/11/2012 4:56 59.6	25/11/2012 6:01 61.6	26/11/2012 23:06 64.1	
22/11/2012 2:51 61.1	23/11/2012 3:56 50.5	24/11/2012 5:01 59.9	25/11/2012 6:06 63.2	26/11/2012 23:11 64.2	
22/11/2012 2:56 59.2	23/11/2012 4:01 39.5	24/11/2012 5:06 60.7	25/11/2012 6:11 63.2	26/11/2012 23:16 64.4	
22/11/2012 3:01 59.7	23/11/2012 4:06 49.7	24/11/2012 5:11 59.8	25/11/2012 6:16 62.4	26/11/2012 23:21 64.4	
22/11/2012 3:06 59.2	23/11/2012 4:11 58.9	24/11/2012 5:16 60.3	25/11/2012 6:21 62.2	26/11/2012 23:26 64.2	
22/11/2012 3:11 58.6	23/11/2012 4:16 50.8	24/11/2012 5:21 61.1	25/11/2012 6:26 62.4	26/11/2012 23:31 64.2	
22/11/2012 3:16 59.6	23/11/2012 4:21 50.3	24/11/2012 5:26 61.2	25/11/2012 6:31 63.6	26/11/2012 23:36 63.9	
22/11/2012 3:21 59.2	23/11/2012 4:26 58.6	24/11/2012 5:31 60.0	25/11/2012 6:36 63.3	26/11/2012 23:41 63.6	
22/11/2012 3:26 59.0	23/11/2012 4:31 58.8	24/11/2012 5:36 61.0	25/11/2012 6:41 64.0	26/11/2012 23:46 63.3	
22/11/2012 3:31 58.3	23/11/2012 4:36 50.8	24/11/2012 5:41 60.5	25/11/2012 6:46 63.7	26/11/2012 23:51 63.5	
22/11/2012 3:36 59.2	23/11/2012 4:41 52.7	24/11/2012 5:46 61.3	25/11/2012 6:51 64.2	26/11/2012 23:56 62.9	
22/11/2012 3:41 59.5	23/11/2012 4:46 51.0	24/11/2012 5:51 61.4	25/11/2012 6:56 63.3	27/11/2012 0:01 62.9	
22/11/2012 3:46 59.2	23/11/2012 4:51 51.6	24/11/2012 5:56 60.5	25/11/2012 23:01 65.1	27/11/2012 0:06 64.5	
22/11/2012 3:51 58.7	23/11/2012 4:56 50.4	24/11/2012 6:01 61.3	25/11/2012 23:06 65.1	27/11/2012 0:11 65.3	
22/11/2012 3:56 59.0	23/11/2012 5:01 51.7	24/11/2012 6:06 61.7	25/11/2012 23:11 64.7	27/11/2012 0:16 63.0	
22/11/2012 4:01 58.8	23/11/2012 5:06 54.6	24/11/2012 6:11 61.8	25/11/2012 23:16 65.3	27/11/2012 0:21 63.8	
22/11/2012 4:06 59.7	23/11/2012 5:11 54.3	24/11/2012 6:16 61.9	25/11/2012 23:21 65.1	27/11/2012 0:26 64.0	
22/11/2012 4:11 58.2	23/11/2012 5:16 51.6	24/11/2012 6:21 61.9	25/11/2012 23:26 65.3	27/11/2012 0:31 63.0	
22/11/2012 4:16 59.5	23/11/2012 5:21 51.4	24/11/2012 6:26 62.1	25/11/2012 23:31 65.2	27/11/2012 0:36 62.1	
22/11/2012 4:21 58.0	23/11/2012 5:26 50.2	24/11/2012 6:31 61.9	25/11/2012 23:36 64.4	27/11/2012 0:41 68.9	
22/11/2012 4:26 59.2	23/11/2012 5:31 53.4	24/11/2012 6:36 62.3	25/11/2012 23:41 64.4	27/11/2012 0:46 61.9	
22/11/2012 4:31 58.6	23/11/2012 5:36 55.5	24/11/2012 6:41 62.4	25/11/2012 23:46 66.1	27/11/2012 0:51 61.2	
22/11/2012 4:36 59.5	23/11/2012 5:41 56.3	24/11/2012 6:46 63.2	25/11/2012 23:51 64.4	27/11/2012 0:56 61.3	
22/11/2012 4:41 60.3	23/11/2012 5:46 56.2	24/11/2012 6:51 63.6	25/11/2012 23:56 64.4	27/11/2012 1:01 61.7	
22/11/2012 4:46 59.4	23/11/2012 5:51 57.2	24/11/2012 6:56 62.9	26/11/2012 0:01 64.2	27/11/2012 1:06 61.9	
22/11/2012 4:51 58.1	23/11/2012 5:56 56.0	24/11/2012 23:01 63.8	26/11/2012 0:06 64.1	27/11/2012 1:11 61.2	
22/11/2012 4:56 59.5	23/11/2012 6:01 57.0	24/11/2012 23:06 63.7	26/11/2012 0:11 64.2	27/11/2012 1:16 61.5	
22/11/2012 5:01 60.0	23/11/2012 6:06 57.2	24/11/2012 23:11 63.9	26/11/2012 0:16 63.9	27/11/2012 1:21 61.6	
22/11/2012 5:06 59.7	23/11/2012 6:11 57.6	24/11/2012 23:16 63.3	26/11/2012 0:21 63.7	27/11/2012 1:26 60.8	
22/11/2012 5:11 60.9	23/11/2012 6:16 58.1	24/11/2012 23:21 64.0	26/11/2012 0:26 63.4	27/11/2012 1:31 61.7	
22/11/2012 5:16 60.3	23/11/2012 6:21 59.1	24/11/2012 23:26 63.5	26/11/2012 0:31 63.3	27/11/2012 1:36 61.0	
22/11/2012 5:21 60.5	23/11/2012 6:26 59.3	24/11/2012 23:31 63.6	26/11/2012 0:36 62.0	27/11/2012 1:41 61.2	
22/11/2012 5:26 60.5	23/11/2012 6:31 58.9	24/11/2012 23:36 63.7	26/11/2012 0:41 62.4	27/11/2012 1:46 60.9	
22/11/2012 5:31 60.2	23/11/2012 6:36 61.4	24/11/2012 23:41 63.4	26/11/2012 0:46 62.2	27/11/2012 1:51 61.2	
22/11/2012 5:36 61.1	23/11/2012 6:41 60.9	24/11/2012 23:46 63.6	26/11/2012 0:51 61.9	27/11/2012 1:56 60.5	
22/11/2012 5:41 61.6	23/11/2012 6:46 61.7	24/11/2012 23:51 63.4	26/11/2012 0:56 61.7	27/11/2012 2:01 60.6	
22/11/2012 5:46 61.0	23/11/2012 6:51 62.7	24/11/2012 23:56 63.1	26/11/2012 1:01 62.5	27/11/2012 2:06 61.0	
22/11/2012 5:51 61.9	23/11/2012 6:56 62.1	25/11/2012 0:01 63.2	26/11/2012 1:06 61.8	27/11/2012 2:11 60.3	
22/11/2012 5:56 61.4	23/11/2012 23:01 65.3	25/11/2012 0:06 63.4	26/11/2012 1:11 61.8	27/11/2012 2:16 60.9	
22/11/2012 6:01 61.5	23/11/2012 23:06 65.1	25/11/2012 0:11 62.9	26/11/2012 1:16 60.9	27/11/2012 2:21 59.8	
22/11/2012 6:06 62.0	23/11/2012 23:11 65.3	25/11/2012 0:16 63.3	26/11/2012 1:21 61.7	27/11/2012 2:26 59.9	
22/11/2012 6:11 62.2	23/11/2012 23:16 65.1	25/11/2012 0:21 63.2	26/11/2012 1:26 60.8	27/11/2012 2:31 60.7	
22/11/2012 6:16 62.0	23/11/2012 23:21 65.3	25/11/2012 0:26 63.3	26/11/2012 1:31 59.7	27/11/2012 2:36 59.5	
22/11/2012 6:21 62.4	23/11/2012 23:26 65.1	25/11/2012 0:31 63.9	26/11/2012 1:36 60.8	27/11/2012 2:41 59.5	
22/11/2012 6:26 63.3	23/11/2012 23:31 64.9	25/11/2012 0:36 63.3	26/11/2012 1:41 60.5	27/11/2012 2:46 59.7	
22/11/2012 6:31 63.2	23/11/2012 23:36 64.9	25/11/2012 0:41 63.6	26/11/2012 1:46 59.9	27/11/2012 2:51 60.1	
22/					

Real-time Noise Data		RTN3 (Po Leung Kuk Yu Lee Mo Fan Memorial School)					
Normal Day 07:00-19:00							
29/10/2012 7:01	67.8	2/11/2012 12:31	68.8	8/11/2012 8:01	68.1	13/11/2012 13:31	70.0
29/10/2012 7:31	68.6	2/11/2012 13:01	69.1	8/11/2012 8:31	67.3	13/11/2012 14:01	69.3
29/10/2012 8:01	68.0	2/11/2012 13:31	69.3	8/11/2012 9:01	70.7	13/11/2012 14:31	69.2
29/10/2012 8:31	67.3	2/11/2012 14:01	67.7	8/11/2012 9:31	71.0	13/11/2012 15:01	69.5
29/10/2012 9:01	65.9	2/11/2012 14:31	66.9	8/11/2012 10:01	69.9	13/11/2012 15:31	70.0
29/10/2012 9:31	67.1	2/11/2012 15:01	68.5	8/11/2012 10:31	71.6	13/11/2012 16:01	70.3
29/10/2012 10:01	68.0	2/11/2012 15:31	68.6	8/11/2012 11:01	70.9	13/11/2012 16:31	71.0
29/10/2012 10:31	68.8	2/11/2012 16:01	67.5	8/11/2012 11:31	70.1	13/11/2012 17:01	70.5
29/10/2012 11:01	69.0	2/11/2012 16:31	67.7	8/11/2012 12:01	69.8	13/11/2012 17:31	69.5
29/10/2012 11:31	68.9	2/11/2012 17:01	69.1	8/11/2012 12:31	69.7	13/11/2012 18:01	69.3
29/10/2012 12:01	68.6	2/11/2012 17:31	69.4	8/11/2012 13:01	71.8	13/11/2012 18:31	65.7
29/10/2012 12:31	68.6	2/11/2012 18:01	67.0	8/11/2012 13:31	70.0	14/11/2012 7:01	68.5
29/10/2012 13:01	68.7	2/11/2012 18:31	65.3	8/11/2012 14:01	69.7	14/11/2012 7:31	68.6
29/10/2012 13:31	68.7	3/11/2012 7:01	67.2	8/11/2012 14:31	69.9	14/11/2012 8:01	65.8
29/10/2012 14:01	69.0	3/11/2012 7:31	68.2	8/11/2012 15:01	72.3	14/11/2012 8:31	66.1
29/10/2012 14:31	68.7	3/11/2012 8:01	69.2	8/11/2012 15:31	68.0	14/11/2012 9:01	69.9
29/10/2012 15:01	68.4	3/11/2012 8:31	69.5	8/11/2012 16:01	68.9	14/11/2012 9:31	70.5
29/10/2012 15:31	69.0	3/11/2012 9:01	69.6	8/11/2012 16:31	69.7	14/11/2012 10:01	70.9
29/10/2012 16:01	69.2	3/11/2012 9:31	70.2	8/11/2012 17:01	69.1	14/11/2012 10:31	70.7
29/10/2012 16:31	68.8	3/11/2012 10:01	69.2	8/11/2012 17:31	68.2	14/11/2012 11:01	69.8
29/10/2012 17:01	68.8	3/11/2012 10:31	68.8	8/11/2012 18:01	67.7	14/11/2012 11:31	69.1
29/10/2012 17:31	67.9	3/11/2012 11:01	69.0	8/11/2012 18:31	67.8	14/11/2012 12:01	68.9
29/10/2012 18:01	67.2	3/11/2012 11:31	69.0	8/11/2012 19:01	67.8	14/11/2012 12:31	69.6
29/10/2012 18:31	67.8	3/11/2012 12:01	68.5	8/11/2012 19:31	67.7	14/11/2012 13:01	69.4
30/10/2012 7:01	69.7	3/11/2012 12:31	66.4	9/11/2012 7:01	68.5	14/11/2012 13:31	69.4
30/10/2012 7:31	67.4	3/11/2012 13:01	68.4	9/11/2012 7:31	69.0	14/11/2012 14:01	69.2
30/10/2012 8:01	67.2	3/11/2012 13:31	69.5	9/11/2012 8:01	68.7	14/11/2012 14:31	69.6
30/10/2012 8:31	68.2	3/11/2012 14:01	69.3	9/11/2012 8:31	66.3	14/11/2012 15:01	70.4
30/10/2012 9:01	69.0	3/11/2012 14:31	68.3	9/11/2012 9:01	68.1	14/11/2012 15:31	70.3
30/10/2012 9:31	68.9	3/11/2012 15:01	68.9	9/11/2012 9:31	69.5	14/11/2012 16:01	59.9
30/10/2012 10:01	71.6	3/11/2012 15:31	69.2	9/11/2012 10:01	69.3	14/11/2012 16:31	70.4
30/10/2012 10:31	72.0	3/11/2012 16:01	69.2	9/11/2012 10:31	71.8	14/11/2012 17:01	69.4
30/10/2012 11:01	68.9	3/11/2012 16:31	69.1	9/11/2012 11:01	69.0	14/11/2012 17:31	69.1
30/10/2012 11:31	70.3	3/11/2012 17:01	70.2	9/11/2012 11:31	68.8	14/11/2012 18:01	68.7
30/10/2012 12:01	71.5	3/11/2012 17:31	68.4	9/11/2012 12:01	68.8	14/11/2012 18:31	67.9
30/10/2012 12:31	70.7	3/11/2012 18:01	67.9	9/11/2012 12:31	68.7	15/11/2012 7:01	68.2
30/10/2012 13:01	70.6	3/11/2012 18:31	67.9	9/11/2012 13:01	69.1	15/11/2012 7:31	69.3
30/10/2012 13:31	71.8	5/11/2012 7:01	68.4	9/11/2012 13:31	69.1	15/11/2012 8:01	67.6
30/10/2012 14:01	71.6	5/11/2012 7:31	68.9	9/11/2012 14:01	68.9	15/11/2012 8:31	66.6
30/10/2012 14:31	70.9	5/11/2012 8:01	67.5	9/11/2012 14:31	69.1	15/11/2012 9:01	66.4
30/10/2012 15:01	71.0	5/11/2012 8:31	67.5	9/11/2012 15:01	68.6	15/11/2012 9:31	66.5
30/10/2012 15:31	70.6	5/11/2012 9:01	69.1	9/11/2012 15:31	70.2	15/11/2012 10:01	66.9
30/10/2012 16:01	71.1	5/11/2012 9:31	69.2	9/11/2012 16:01	69.9	15/11/2012 10:31	69.2
30/10/2012 16:31	70.6	5/11/2012 10:01	69.5	9/11/2012 16:31	70.8	15/11/2012 11:01	69.2
30/10/2012 17:01	70.5	5/11/2012 10:31	68.9	9/11/2012 17:01	70.8	15/11/2012 11:31	68.6
30/10/2012 17:31	70.0	5/11/2012 11:01	69.3	9/11/2012 17:31	68.9	15/11/2012 12:01	68.4
30/10/2012 18:01	69.7	5/11/2012 11:31	70.7	9/11/2012 18:01	69.6	15/11/2012 12:31	68.2
30/10/2012 18:31	70.3	5/11/2012 12:01	69.1	9/11/2012 18:31	66.1	15/11/2012 13:01	69.0
31/10/2012 7:01	70.2	5/11/2012 12:31	68.7	10/11/2012 7:01	67.1	15/11/2012 13:31	70.7
31/10/2012 7:31	69.2	5/11/2012 13:01	68.8	10/11/2012 7:31	68.0	15/11/2012 14:01	70.4
31/10/2012 8:01	67.9	5/11/2012 13:31	69.2	10/11/2012 8:01	69.3	15/11/2012 14:31	70.2
31/10/2012 8:31	68.1	5/11/2012 14:01	69.4	10/11/2012 8:31	69.6	15/11/2012 15:01	70.4
31/10/2012 9:01	68.2	5/11/2012 14:31	69.4	10/11/2012 9:01	69.5	15/11/2012 15:31	69.5
31/10/2012 9:31	70.4	5/11/2012 15:01	69.0	10/11/2012 9:31	69.2	15/11/2012 16:01	69.2
31/10/2012 10:01	71.5	5/11/2012 15:31	68.9	10/11/2012 10:01	69.8	15/11/2012 16:31	68.8
31/10/2012 10:31	70.8	5/11/2012 16:01	69.2	10/11/2012 10:31	70.3	15/11/2012 17:01	68.6
31/10/2012 11:01	71.4	5/11/2012 16:31	69.2	10/11/2012 11:01	70.0	15/11/2012 17:31	68.3
31/10/2012 11:31	70.7	5/11/2012 17:01	69.4	10/11/2012 11:31	69.6	15/11/2012 18:01	68.0
31/10/2012 12:01	70.9	5/11/2012 17:31	69.1	10/11/2012 12:01	69.4	15/11/2012 18:31	67.8
31/10/2012 12:31	70.7	5/11/2012 18:01	69.3	10/11/2012 12:31	69.7	16/11/2012 7:01	68.1
31/10/2012 13:01	71.0	5/11/2012 18:31	68.0	10/11/2012 13:01	69.8	16/11/2012 7:31	68.7
31/10/2012 13:31	70.6	6/11/2012 7:01	68.5	10/11/2012 13:31	69.8	16/11/2012 8:01	67.0
31/10/2012 14:01	70.6	6/11/2012 7:31	68.8	10/11/2012 14:01	70.1	16/11/2012 8:31	68.0
31/10/2012 14:31	70.6	6/11/2012 8:01	67.5	10/11/2012 14:31	69.8	16/11/2012 9:01	67.8
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31/10/2012 15:31	70.3	6/11/2012 9:01	68.9	10/11/2012 15:31	69.3	16/11/2012 10:01	68.6
31/10/2012 16:01	70.5	6/11/2012 9:31	68.9	10/11/2012 16:01	67.7	16/11/2012 10:31	69.5
31/10/2012 16:31	70.6	6/11/2012 10:01	69.7	10/11/2012 16:31	67.4	16/11/2012 11:01	68.7
31/10/2012 17:01	70.3	6/11/2012 10:31	69.3	10/11/2012 17:01	68.5	16/11/2012 11:31	67.6
31/10/2012 17:31	70.4	6/11/2012 11:01	69.5	10/11/2012 17:31	71.4	16/11/2012 12:01	66.4
31/10/2012 18:01	69.8	6/11/2012 11:31	69.1	10/11/2012 18:01	67.7	16/11/2012 12:31	68.5
31/10/2012 18:31	69.4	6/11/2012 12:01	68.8	10/11/2012 18:31	67.9	16/11/2012 13:01	67.8
1/11/2012 7:01	69.3	6/11/2012 12:31	69.2	12/11/2012 7:01	68.6	16/11/2012 13:31	69.0
1/11/2012 7:31	70.1	6/11/2012 13:01	68.8	12/11/2012 7:31	68.8	16/11/2012 14:01	67.0
1/11/2012 8:01	68.8	6/11/2012 13:31	69.3	12/11/2012 8:01	67.5	16/11/2012 14:31	66.8
1/11/2012 8:31	68.4	6/11/2012 14:01	69.4	12/11/2012 8:31	66.9	16/11/2012 15:01	69.7
1/11/2012 9:01	70.3	6/11/2012 14:31	70.0	12/11/2012 9:01	69.0	16/11/2012 15:31	69.2
1/11/2012 9:31	70.3	6/11/2012 15:01	69.8	12/11/2012 9:31	69.3	16/11/2012 16:01	71.5
1/11/2012 10:01	70.3	6/11/2012 15:31	69.5	12/11/2012 10:01	69.9	16/11/2012 16:31	70.3
1/11/2012 10:31	70.3	6/11/2012 16:01	69.5	12/11/2012 10:31	69.9	16/11/2012 17:01	70.0
1/11/2012 11:01	70.0	6/11/2012 16:31	70.0	12/11/2012 11:01	69.6	16/11/2012 17:31	70.0
1/11/2012 11:31	69.2	6/11/2012 17:01	70.5	12/11/2012 11:31	70.6	16/11/2012 18:01	69.0
1/11/2012 12:01	68.8	6/11/2012 17:31	70.1	12/11/2012 12:01	69.2	16/11/2012 18:31	67.9
1/11/2012 12:31	69.0	6/11/2012 18:01	69.6	12/11/2012 12:31	69.1	16/11/2012 19:01	65.8
1/11/2012 13:01	69.4	6/11/2012 18:31	68.0	12/11/2012 13:01	69.8	17/11/2012 7:01	67.4
1/11/2012 13:31	69.8	6/11/2012 19:01	68.3	12/11/2012 13:31	70.3	17/11/2012 8:01	67.7
1/11/2012 14:01	70.1	7/11/2012 7:01	68.9	12/11/2012 14:01	70.4	17/11/2012 8:31	66.9
1/11/2012 14:31	69.6	7/11/2012 8:01	66.8	12/11/2012 14:31	70.7	17/11/2012 9:01	67.6
1/11/2012 15:01	70.2	7/11/2012 8:31	68.4	12/11/2012 15:01	69.9	17/11/2012 9:31	69.3
1/11/2012 15:31	69.9	7/11/2012 9:01	69.3	12/11/2012 15:31	69.9	17/11/2012 10:01	69.7
1/11/2012 16:01	69.7	7/11/2012 9:31	69.1	12/11/2012 16:01	69.9	17/11/2012 10:31	69.6
1/11/2012 16:31	69.5	7/11/2012 10:01	69.5	12/11/2012 16:31	69.6	17/11/2012 11:01	70.2
1/11/2012 17:01	69.2	7/11/2012 10:31	69.7	12/11/2012 17:01	69.3	17/11/2012 11:31	69.3
1/11/2012 17:31	68.8	7/11/2012 11:01	69.2	12/11/2012 17:31	68.7	17/11/2012 12:01	69.5
1/11/2012 18:01	69.5	7/11/2012 11:31	69.0	12/11/2012 18:01	68.5	17/11/2012 12:31	69.1
1/11/2012 18:31	68.4	7/11/2012 12:01	68.6	12/11/2012 18:31	68.3	17/11/2012 13:01	68.7
2/11/2012 7:01	68.8	7/11/2012 12:31	68.8	13/11/2012 7:01	68.5	17/11/2012 13:31	69.5
2/11/2012 7:31	69.4	7/11/2012 13:01	68.9	13/11/2012 7:31	69.3	17/11/2012 14:01	69.3
2/11/2012 8:01	68.9	7/11/2012 13:31	69.1	13/11/2012 8:01	68.2	17/11/2012 14:31	68.3
2/11/2012 8:31	67.8	7/11/2012 14:01	69.4	13/11/2012 8:31	67.2	17/11/2012	

Real-time Noise Data	RTN3 (Po Leung Kuk Yu Lee Mo Fan Memorial School)							
28/10/2012 8:56 67.0	28/10/2012 18:01 66.9	30/10/2012 19:06 60.9	1/11/2012 20:11 68.1	3/11/2012 21:16 67.0	4/11/2012 14:21 67.5			
28/10/2012 9:01 67.0	28/10/2012 18:06 67.4	30/10/2012 19:11 62.4	1/11/2012 20:16 67.7	3/11/2012 21:21 66.8	4/11/2012 14:26 67.5			
28/10/2012 9:06 67.1	28/10/2012 18:11 67.0	30/10/2012 19:16 60.9	1/11/2012 20:21 67.9	3/11/2012 21:26 66.9	4/11/2012 14:31 67.5			
28/10/2012 9:11 66.4	28/10/2012 18:16 67.2	30/10/2012 19:21 57.4	1/11/2012 20:26 67.8	3/11/2012 21:31 66.7	4/11/2012 14:36 68.0			
28/10/2012 9:16 67.4	28/10/2012 18:21 67.3	30/10/2012 19:26 67.6	1/11/2012 20:31 68.2	3/11/2012 21:36 66.6	4/11/2012 14:41 67.7			
28/10/2012 9:21 67.7	28/10/2012 18:26 67.1	30/10/2012 19:31 65.9	1/11/2012 20:36 67.7	3/11/2012 21:41 66.8	4/11/2012 14:46 67.6			
28/10/2012 9:26 67.2	28/10/2012 18:31 66.7	30/10/2012 19:36 65.1	1/11/2012 20:41 67.9	3/11/2012 21:46 67.2	4/11/2012 14:51 67.8			
28/10/2012 9:31 67.4	28/10/2012 18:36 67.5	30/10/2012 19:41 65.2	1/11/2012 20:46 67.7	3/11/2012 21:51 67.4	4/11/2012 14:56 67.7			
28/10/2012 9:36 67.4	28/10/2012 18:41 67.2	30/10/2012 19:46 65.6	1/11/2012 20:51 68.1	3/11/2012 21:56 66.8	4/11/2012 15:01 67.4			
28/10/2012 9:41 67.3	28/10/2012 18:46 67.4	30/10/2012 19:51 66.1	1/11/2012 20:56 67.3	3/11/2012 22:01 67.1	4/11/2012 15:06 67.8			
28/10/2012 9:46 67.3	28/10/2012 18:51 67.0	30/10/2012 19:56 67.6	1/11/2012 21:01 67.3	3/11/2012 22:06 67.3	4/11/2012 15:11 69.3			
28/10/2012 9:51 67.6	28/10/2012 18:56 66.8	30/10/2012 20:01 62.2	1/11/2012 21:06 67.8	3/11/2012 22:11 67.3	4/11/2012 15:16 68.0			
28/10/2012 9:56 67.5	28/10/2012 19:01 66.8	30/10/2012 20:06 56.9	1/11/2012 21:11 67.7	3/11/2012 22:16 67.0	4/11/2012 15:21 67.5			
28/10/2012 10:01 67.0	28/10/2012 19:06 67.4	30/10/2012 20:11 58.0	1/11/2012 21:16 67.8	3/11/2012 22:21 67.1	4/11/2012 15:26 67.1			
28/10/2012 10:06 67.2	28/10/2012 19:11 67.3	30/10/2012 20:16 60.5	1/11/2012 21:21 68.0	3/11/2012 22:26 66.7	4/11/2012 15:31 67.3			
28/10/2012 10:11 67.5	28/10/2012 19:16 66.7	30/10/2012 20:21 57.2	1/11/2012 21:26 67.6	3/11/2012 22:31 66.6	4/11/2012 15:36 67.4			
28/10/2012 10:16 68.1	28/10/2012 19:21 66.8	30/10/2012 20:26 61.6	1/11/2012 21:31 68.0	3/11/2012 22:36 67.0	4/11/2012 15:41 67.8			
28/10/2012 10:21 67.0	28/10/2012 19:26 66.7	30/10/2012 20:31 59.6	1/11/2012 21:36 67.2	3/11/2012 22:41 66.7	4/11/2012 15:46 68.2			
28/10/2012 10:26 67.9	28/10/2012 19:31 67.3	30/10/2012 20:36 59.7	1/11/2012 21:41 67.9	3/11/2012 22:46 67.4	4/11/2012 15:51 67.2			
28/10/2012 10:31 67.6	28/10/2012 19:36 66.8	30/10/2012 20:41 69.4	1/11/2012 21:46 67.9	3/11/2012 22:51 67.0	4/11/2012 15:56 67.8			
28/10/2012 10:36 66.9	28/10/2012 19:41 66.2	30/10/2012 20:46 58.6	1/11/2012 21:51 67.3	3/11/2012 22:56 67.0	4/11/2012 16:01 67.8			
28/10/2012 10:41 67.3	28/10/2012 19:46 65.9	30/10/2012 20:51 57.6	1/11/2012 21:56 67.6	4/11/2012 7:01 65.4	4/11/2012 16:06 69.5			
28/10/2012 10:46 67.9	28/10/2012 19:51 67.2	30/10/2012 20:56 56.9	1/11/2012 22:01 67.1	4/11/2012 7:06 66.9	4/11/2012 16:11 68.3			
28/10/2012 10:51 67.5	28/10/2012 19:56 66.9	30/10/2012 21:01 53.8	1/11/2012 22:06 67.5	4/11/2012 7:11 65.9	4/11/2012 16:16 68.3			
28/10/2012 10:56 67.6	28/10/2012 20:01 66.1	30/10/2012 21:06 58.8	1/11/2012 22:11 68.0	4/11/2012 7:16 65.2	4/11/2012 16:21 68.3			
28/10/2012 11:01 67.5	28/10/2012 20:06 66.2	30/10/2012 21:11 60.4	1/11/2012 22:16 67.5	4/11/2012 7:21 59.6	4/11/2012 16:26 67.6			
28/10/2012 11:06 67.6	28/10/2012 20:11 66.6	30/10/2012 21:16 55.3	1/11/2012 22:21 68.0	4/11/2012 7:26 65.6	4/11/2012 16:31 67.5			
28/10/2012 11:11 67.4	28/10/2012 20:16 66.7	30/10/2012 21:21 49.8	1/11/2012 22:26 68.1	4/11/2012 7:31 66.1	4/11/2012 16:36 68.2			
28/10/2012 11:16 67.7	28/10/2012 20:21 66.6	30/10/2012 21:26 69.3	1/11/2012 22:31 67.4	4/11/2012 7:36 65.7	4/11/2012 16:41 67.5			
28/10/2012 11:21 67.8	28/10/2012 20:26 66.3	30/10/2012 21:31 45.3	1/11/2012 22:36 67.7	4/11/2012 7:41 66.6	4/11/2012 16:46 68.7			
28/10/2012 11:26 68.1	28/10/2012 20:31 67.1	30/10/2012 21:36 58.3	1/11/2012 22:41 67.7	4/11/2012 7:46 66.0	4/11/2012 16:51 68.2			
28/10/2012 11:31 67.2	28/10/2012 20:36 66.2	30/10/2012 21:41 58.2	1/11/2012 22:46 67.6	4/11/2012 7:51 66.0	4/11/2012 16:56 67.5			
28/10/2012 11:36 67.5	28/10/2012 20:41 66.3	30/10/2012 21:46 69.4	1/11/2012 22:51 67.3	4/11/2012 7:56 66.6	4/11/2012 17:01 67.6			
28/10/2012 11:41 67.9	28/10/2012 20:46 66.3	30/10/2012 21:51 66.6	1/11/2012 22:56 67.6	4/11/2012 8:01 66.2	4/11/2012 17:06 68.2			
28/10/2012 11:46 67.2	28/10/2012 20:51 66.4	30/10/2012 21:56 66.6	2/11/2012 19:01 64.7	4/11/2012 8:06 66.3	4/11/2012 17:11 67.4			
28/10/2012 11:51 67.1	28/10/2012 20:56 66.4	30/10/2012 22:01 64.3	2/11/2012 19:06 64.7	4/11/2012 8:11 67.0	4/11/2012 17:16 67.5			
28/10/2012 11:56 68.1	28/10/2012 21:01 66.5	30/10/2012 22:06 62.1	2/11/2012 19:11 64.7	4/11/2012 8:16 66.6	4/11/2012 17:21 67.3			
28/10/2012 12:01 67.3	28/10/2012 21:06 66.4	30/10/2012 22:11 63.7	2/11/2012 19:16 64.1	4/11/2012 8:21 66.6	4/11/2012 17:26 68.0			
28/10/2012 12:06 67.3	28/10/2012 21:11 66.4	30/10/2012 22:16 64.4	2/11/2012 19:21 64.6	4/11/2012 8:26 67.1	4/11/2012 17:31 66.9			
28/10/2012 12:11 67.8	28/10/2012 21:16 66.7	30/10/2012 22:21 65.1	2/11/2012 19:26 64.5	4/11/2012 8:31 66.6	4/11/2012 17:36 67.1			
28/10/2012 12:16 67.5	28/10/2012 21:21 66.7	30/10/2012 22:26 62.8	2/11/2012 19:31 66.9	4/11/2012 8:36 66.8	4/11/2012 17:41 67.5			
28/10/2012 12:21 67.2	28/10/2012 21:26 66.6	30/10/2012 22:31 55.3	2/11/2012 19:36 68.4	4/11/2012 8:41 66.4	4/11/2012 17:46 67.8			
28/10/2012 12:26 67.5	28/10/2012 21:31 67.1	30/10/2012 22:36 57.4	2/11/2012 19:41 67.5	4/11/2012 8:46 66.6	4/11/2012 17:51 67.5			
28/10/2012 12:31 67.4	28/10/2012 21:36 66.8	30/10/2012 22:41 61.1	2/11/2012 19:46 67.5	4/11/2012 8:51 67.4	4/11/2012 17:56 67.3			
28/10/2012 12:36 67.4	28/10/2012 21:41 66.6	30/10/2012 22:46 69.3	2/11/2012 19:51 68.2	4/11/2012 8:56 66.8	4/11/2012 18:01 67.3			
28/10/2012 12:41 67.7	28/10/2012 21:46 66.9	30/10/2012 22:51 63.2	2/11/2012 19:56 67.6	4/11/2012 9:01 68.1	4/11/2012 18:06 67.5			
28/10/2012 12:46 67.9	28/10/2012 21:51 66.7	30/10/2012 22:56 59.3	2/11/2012 20:01 67.8	4/11/2012 9:06 68.1	4/11/2012 18:11 67.5			
28/10/2012 12:51 68.0	28/10/2012 21:56 66.8	31/10/2012 19:01 41.5	2/11/2012 20:06 67.5	4/11/2012 9:11 67.6	4/11/2012 18:16 67.5			
28/10/2012 12:56 67.6	28/10/2012 22:01 66.7	31/10/2012 19:06 69.1	2/11/2012 20:11 67.9	4/11/2012 9:16 67.7	4/11/2012 18:21 68.2			
28/10/2012 13:01 67.7	28/10/2012 22:06 66.4	31/10/2012 19:11 69.4	2/11/2012 20:16 68.2	4/11/2012 9:21 67.5	4/11/2012 18:26 67.6			
28/10/2012 13:06 68.0	28/10/2012 22:11 66.5	31/10/2012 19:16 69.1	2/11/2012 20:21 68.5	4/11/2012 9:26 67.8	4/11/2012 18:31 67.4			
28/10/2012 13:11 67.5	28/10/2012 22:16 66.3	31/10/2012 19:21 68.9	2/11/2012 20:26 67.7	4/11/2012 9:31 68.3	4/11/2012 18:36 67.4			
28/10/2012 13:16 67.7	28/10/2012 22:21 66.5	31/10/2012 19:26 68.7	2/11/2012 20:31 67.4	4/11/2012 9:36 67.5	4/11/2012 18:41 68.0			
28/10/2012 13:21 67.5	28/10/2012 22:26 66.5	31/10/2012 19:31 69.2	2/11/2012 20:36 67.5	4/11/2012 9:41 68.2	4/11/2012 18:46 67.3			
28/10/2012 13:26 67.5	28/10/2012 22:31 66.9	31/10/2012 19:36 68.8	2/11/2012 20:41 67.5	4/11/2012 9:46 68.0	4/11/2012 18:51 67.4			
28/10/2012 13:31 67.6	28/10/2012 22:36 66.4	31/10/2012 19:41 69.2	2/11/2012 20:46 67.8	4/11/2012 9:51 67.9	4/11/2012 18:56 67.3			
28/10/2012 13:36 67.5	28/10/2012 22:41 66.8	31/10/2012 19:46 68.5	2/11/2012 20:51 67.7	4/11/2012 9:56 67.7	4/11/2012 19:01 67.1			
28/10/2012 13:41 68.9	28/10/2012 22:46 66.1	31/10/2012 19:51 68.9	2/11/2012 20:56 67.4	4/11/2012 10:01 67.5	4/11/2012 19:06 67.0			
28/10/2012 13:46 67.4	28/10/2012 22:51 66.4	31/10/2012 19:56 68.9	2/11/2012 21:01 67.5	4/11/2012 10:06 67.9	4/11/2012 19:11 67.4			
28/10/2012 13:51 68.7	28/10/2012 22:56 66.0	31/10/2012 20:01 68.8	2/11/2012 21:06 67.6	4/11/2012 10:11 67.7	4/11/2012 19:16 67.3			
28/10/2012 13:56 67.9	29/10/2012 19:01 68.0	31/10/2012 20:06 68.6	2/11/2012 21:11 68.2	4/11/2012 10:16 68.0	4/11/2012 19:21 67.6			
28/10/2012 14:01 67.4	29/10/2012 19:06 67.7	31/10/2012 20:11 68.9	2/11/2012 21:16 67.1	4/11/2012 10:21 68.1	4/11/2012 19:26 67.6			
28/10/2012 14:06 67.5	29/10/2012 19:11 67.8	31/10/2012 20:16 68.5	2/11/2012 21:21 67.7	4/11/2012 10:26 67.5	4/11/2012 19:31 67.0			
28/10/2012 14:11 67.2	29/10/2012 19:16 68.3	31/10/2012 20:21 69.0	2/11/2012 21:26 67.7	4/11/2012 10:31 67.6	4/11/2012 19:36 67.3			
28/10/2012 14:16 67.8	29/10/2012 19:21 67.8	31/10/2012 20:26 67.9	2/11/2012 21:31 67.0	4/11/2012 10:36 67.2	4/11/2012 19:41 67.1			
28/10/2012 14:21 67.6	29/10/2012 19:26 68.0	31/10/2012 20:31 69.1	2/11/2012 21:36 67.5	4/11/2012 10:41 68.2	4/11/2012 19:46 67.1			
28/10/2012 14:26 67.4	29/10/2012 19:31 68.1	31/10/2012 20:36 69.1	2/11/2012 21:41 68.5	4/11/2012 10:46 68.1	4/11/2012 19:51 67.3			
28/10/2012 14:31 67.4	29/10/2012 19:36 68.3	31/10/2012 20:41 68.2	2/11/2012 21:46 67.6	4/11/2012 10:51 68.5	4/11/2012 19:56 67.0			
28/10/2012 14:36 68.0	29/10/2012 19:41 67.8	31/10/2012 20:46 67.9	2/11/2012 21:51 67.5	4/11/2012 10:56 67.8	4/11/2012 20:01 66.9			
28/10/2012 14:41 68.3	29/10/2012 19:46 67.6	31/10/2012 20:51 68.5	2/11/2012 21:56 67.4	4/11/2012 11:01 67.7	4/11/2012 20:06 66.8			
28/10/2012 14:46 67.9	29/10/2012 19:51 67.4	31/10/2012 20:56 67.6	2/11/2012 22:01 68.0	4/11/2012 11:06 67.7	4/11/2012 20:11 67.2			
28/10/2012 14:51 68.1	29/10/2012 19:56 67.2	31/10/2012 21:01 67.9	2/11/2012 22:06 67.6	4/11/2012 11:11 68.3	4/11/2012 20:16 67.3			
28/10/2012 14:56 68.3	29/10/2012 20:01 67.4	31/10/2012 21:06 68.1						

Real-time Noise Data		RTN3 (Po Leung Kuk Yu Lee Mo Fan Memorial School)					
5/11/2012 19:26	67.9	7/11/2012 20:31	67.4	9/11/2012 21:36	67.6	11/11/2012 10:41	68.4
5/11/2012 19:31	67.6	7/11/2012 20:36	67.4	9/11/2012 21:41	67.4	11/11/2012 10:46	68.2
5/11/2012 19:36	67.7	7/11/2012 20:41	67.2	9/11/2012 21:46	67.0	11/11/2012 10:51	68.5
5/11/2012 19:41	67.7	7/11/2012 20:46	67.0	9/11/2012 21:51	67.6	11/11/2012 10:56	68.5
5/11/2012 19:46	67.6	7/11/2012 20:51	67.0	9/11/2012 21:56	67.4	11/11/2012 11:01	68.0
5/11/2012 19:51	69.1	7/11/2012 20:56	67.4	9/11/2012 22:01	67.8	11/11/2012 11:06	68.4
5/11/2012 19:56	67.6	7/11/2012 21:01	66.9	9/11/2012 22:06	67.5	11/11/2012 11:11	67.9
5/11/2012 20:01	67.6	7/11/2012 21:06	67.1	9/11/2012 22:11	67.6	11/11/2012 11:16	68.4
5/11/2012 20:06	67.6	7/11/2012 21:11	66.9	9/11/2012 22:16	67.6	11/11/2012 11:21	68.5
5/11/2012 20:11	67.4	7/11/2012 21:16	66.8	9/11/2012 22:21	67.1	11/11/2012 11:26	68.8
5/11/2012 20:16	67.3	7/11/2012 21:21	66.7	9/11/2012 22:26	67.0	11/11/2012 11:31	68.5
5/11/2012 20:21	67.3	7/11/2012 21:26	67.2	9/11/2012 22:31	67.5	11/11/2012 11:36	68.4
5/11/2012 20:26	66.9	7/11/2012 21:31	67.2	9/11/2012 22:36	67.7	11/11/2012 11:41	68.5
5/11/2012 20:31	67.4	7/11/2012 21:36	67.3	9/11/2012 22:41	67.2	11/11/2012 11:46	68.9
5/11/2012 20:36	67.2	7/11/2012 21:41	67.3	9/11/2012 22:46	67.1	11/11/2012 11:51	68.1
5/11/2012 20:41	67.1	7/11/2012 21:46	67.2	9/11/2012 22:51	67.1	11/11/2012 11:56	68.6
5/11/2012 20:46	66.8	7/11/2012 21:51	67.5	9/11/2012 22:56	67.5	11/11/2012 12:01	68.4
5/11/2012 20:51	67.5	7/11/2012 21:56	67.2	10/11/2012 19:01	67.7	11/11/2012 12:06	68.1
5/11/2012 20:56	67.8	7/11/2012 22:01	66.8	10/11/2012 19:06	67.6	11/11/2012 12:11	68.2
5/11/2012 21:01	66.6	7/11/2012 22:06	66.6	10/11/2012 19:11	67.8	11/11/2012 12:16	67.9
5/11/2012 21:06	67.7	7/11/2012 22:11	66.9	10/11/2012 19:16	67.8	11/11/2012 12:21	68.5
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6/11/2012 20:41	67.4	8/11/2012 21:46	67.1	10/11/2012 22:51	67.1	11/11/2012 15:56	68.7
6/11/2012 20:46	67.4	8/11/2012 21:51	67.0	10/11/2012 22:56	66.8	11/11/2012 16:01	67.9
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6/11/2012 21:26	67.2	8/11/2012 22:31	67.2	11/11/2012 7:36	67.2	11/11/2012 16:41	68.0
6/11/2012 21:31	67.3	8/11/2012 22:36	67.0	11/11/2012 7:41	66.7	11/11/2012 16:46	68.5
6/11/2012 21:36	67.1	8/11/2012 22:41	66.9	11/11/2012 7:46	67.1	11/11/2012 16:51	68.2
6/11/2012 21:41	67.2	8/11/2012 22:46	66.7	11/11/2012 7:51	67.1	11/11/2012 16:56	68.1
6/11/2012 21:46	66.5	8/11/2012 22:51	67.3	11/11/2012 7:56	67.8	11/11/2012 17:01	68.2
6/11/2012 21:51	67.3	8/11/2012 22:56	66.7	11/11/2012 8:01	66.7	11/11/2012 17:06	68.5
6/11/2012 21:56	67.5	9/11/2012 19:01	65.0	11/11/2012 8:06	67.0	11/11/2012 17:11	68.1
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6/11/2012 22:11	66.8	9/11/2012 19:16	67.9	11/11/2012 8:21	67.3	11/11/2012 17:26	68.2
6/11/2012 22:16	67.4	9/11/2012 19:21	68.2	11/11/2012 8:26	67.3	11/11/2012 17:31	67.7
6/11/2012 22:21	67.8	9/11/2012 19:26	67.7	11/11/2012 8:31	67.4	11/11/2012 17:36	67.9
6/11/2012 22:26	66.4	9/11/2012 19:31	68.0	11/11/2012 8:36	67.3	11/11/2012 17:41	68.2
6/11/2012 22:31	66.8	9/11/2012 19:36	68.4	11/11/2012 8:41	67.4	11/11/2012 17:46	67.9
6/11/2012 22:36	66.9	9/11/2012 19:41	68.3	11/11/2012 8:46	67.2	11/11/2012 17:51	68.0
6/11/2012 22:41	66.8	9/11/2012 19:46	68.5	11/11/2012 8:51	67.6	11/11/2012 17:56	68.0
6/11/2012 22:46	66.8	9/11/2012 19:51	67.7	11/11/2012 8:56	67.5	11/11/2012 18:01	67.5
6/11/2012 22:51	67.0	9/11/2012 19:56	68.0	11/11/2012 9:01	67.6	11/11/2012 18:06	67.7
6/11/2012 22:56	66.8	9/11/2012 20:01	67.9	11/11/2012 9:06	68.1	11/11/2012 18:11	67.7
7/11/2012 19:01	67.7	9/11/2012 20:06	67.8	11/11/2012 9:11	68.0	11/11/2012 18:16	68.0
7/11/2012 19:06	67.7	9/11/2012 20:11	67.9	11/11/2012 9:16	67.9	11/11/2012 18:21	67.7
7/11/2012 19:11	67.7	9/11/2012 20:16	68.0	11/11/2012 9:21	67.8	11/11/2012 18:26	67.5
7/11/2012 19:16	67.7	9/11/2012 20:21	68.2	11/11/2012 9:26	68.5	11/11/2012 18:31	68.1
7/11/2012 19:21	68.0	9/11/2012 20:26	67.5	11/11/2012 9:31	68.2	11/11/2012 18:36	68.0
7/11/2012 19:26	68.0	9/11/2012 20:31	68.0	11/11/2012 9:36	67.9	11/11/2012 18:41	67.9
7/11/2012 19:31	67.8	9/11/2012 20:36	68.0	11/11/2012 9:41	68.0	11/11/2012 18:46	68.1
7/11/2012 19:36	67.6	9/11/2012 20:41	67.8	11/11/2012 9:46	68.7	11/11/2012 18:51	68.0
7/11/2012 19:41	67.6	9/11/2012 20:46	67.6	11/11/2012 9:51	68.4	11/11/2012 18:56	67.8
7/11/2012 19:46							

Real-time Noise Data	RTN3 (Po Leung Kuk Yu Lee Mo Fan Memorial School)							
15/11/2012 21:56 67.0	18/11/2012 7:01 67.6	18/11/2012 16:06 68.2	19/11/2012 21:11 67.2	21/11/2012 22:16 69.3	24/11/2012 19:21 68.1			
15/11/2012 22:01 66.5	18/11/2012 7:06 67.9	18/11/2012 16:11 67.9	19/11/2012 21:16 67.6	21/11/2012 22:21 69.6	24/11/2012 19:26 68.6			
15/11/2012 22:06 66.9	18/11/2012 7:11 67.5	18/11/2012 16:16 67.6	19/11/2012 21:21 68.1	21/11/2012 22:26 69.2	24/11/2012 19:31 68.0			
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16/11/2012 19:06 68.0	18/11/2012 8:11 48.7	18/11/2012 17:16 68.6	19/11/2012 22:21 66.8	22/11/2012 19:26 65.7	24/11/2012 20:31 67.2			
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16/11/2012 19:26 68.2	18/11/2012 8:31 67.5	18/11/2012 17:36 68.0	19/11/2012 22:41 66.9	22/11/2012 19:46 68.7	24/11/2012 20:51 67.6			
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16/11/2012 22:06 67.4	18/11/2012 11:11 67.9	18/11/2012 20:16 68.0	20/11/2012 21:21 67.0	22/11/2012 22:26 67.9	25/11/2012 7:31 68.6			
16/11/2012 22:11 66.7	18/11/2012 11:16 68.5	18/11/2012 20:21 67.9	20/11/2012 21:26 67.2	22/11/2012 22:31 67.9	25/11/2012 7:36 69.2			
16/11/2012 22:16 66.3	18/11/2012 11:21 69.0	18/11/2012 20:26 67.9	20/11/2012 21:31 67.3	22/11/2012 22:36 67.6	25/11/2012 7:41 69.0			
16/11/2012 22:21 68.1	18/11/2012 11:26 68.1	18/11/2012 20:31 68.5	20/11/2012 21:36 67.2	22/11/2012 22:41 67.3	25/11/2012 7:46 68.7			
16/11/2012 22:26 67.7	18/11/2012 11:31 68.5	18/11/2012 20:36 67.9	20/11/2012 21:41 68.0	22/11/2012 22:46 67.5	25/11/2012 7:51 68.7			
16/11/2012 22:31 67.1	18/11/2012 11:36 68.8	18/11/2012 20:41 68.1	20/11/2012 21:46 66.8	22/11/2012 22:51 67.7	25/11/2012 7:56 69.0			
16/11/2012 22:36 67.0	18/11/2012 11:41 68.2	18/11/2012 20:46 67.7	20/11/2012 21:51 67.2	22/11/2012 22:56 67.5	25/11/2012 8:01 68.6			
16/11/2012 22:41 67.3	18/11/2012 11:46 68.3	18/11/2012 20:51 67.8	20/11/2012 21:56 66.9	23/11/2012 19:01 69.4	25/11/2012 8:06 68.5			
16/11/2012 22:46 67.1	18/11/2012 11:51 68.5	18/11/2012 20:56 67.8	20/11/2012 22:01 66.8	23/11/2012 19:06 69.3	25/11/2012 8:11 68.9			
16/11/2012 22:51 67.4	18/11/2012 11:56 68.2	18/11/2012 21:01 68.0	20/11/2012 22:06 67.6	23/11/2012 19:11 69.1	25/11/2012 8:16 68.7			
16/11/2012 22:56 65.6	18/11/2012 12:01 68.0	18/11/2012 21:06 67.6	20/11/2012 22:11 67.1	23/11/2012 19:16 69.1	25/11/2012 8:21 69.1			
17/11/2012 19:01 65.3	18/11/2012 12:06 68.8	18/11/2012 21:11 67.5	20/11/2012 22:16 67.1	23/11/2012 19:21 53.8	25/11/2012 8:26 52.5			
17/11/2012 19:06 65.2	18/11/2012 12:11 68.3	18/11/2012 21:16 67.6	20/11/2012 22:21 66.7	23/11/2012 19:26 69.3	25/11/2012 8:31 53.4			
17/11/2012 19:11 65.7	18/11/2012 12:16 68.5	18/11/2012 21:21 67.6	20/11/2012 22:26 67.5	23/11/2012 19:31 69.2	25/11/2012 8:36 69.0			
17/11/2012 19:16 65.7	18/11/2012 12:21 68.0	18/11/2012 21:26 68.0	20/11/2012 22:31 66.6	23/11/2012 19:36 56.7	25/11/2012 8:41 69.1			
17/11/2012 19:21 66.2	18/11/2012 12:26 68.9	18/11/2012 21:31 67.6	20/11/2012 22:36 67.2	23/11/2012 19:41 69.2	25/11/2012 8:46 69.4			
17/11/2012 19:26 65.2	18/11/2012 12:31 49.8	18/11/2012 21:36 67.8	20/11/2012 22:41 67.6	23/11/2012 19:46 69.4	25/11/2012 8:51 69.1			
17/11/2012 19:31 66.7	18/11/2012 12:36 68.9	18/11/2012 21:41 68.5	20/11/2012 22:46 66.7	23/11/2012 19:51 69.2	25/11/2012 8:56 58.2			
17/11/2012 19:36 65.7	18/11/2012 12:41 54.1	18/11/2012 21:46 67.8	20/11/2012 22:51 67.0	23/11/2012 19:56 55.3	25/11/2012 9:01 45.3			
17/11/2012 19:41 66.7	18/11/2012 12:46 69.3	18/11/2012 21:51 67.5	20/11/2012 22:56 67.2	23/11/2012 20:01 69.1	25/11/2012 9:06 59.5			
17/11/2012 19:46 65.8	18/11/2012 12:51 59.8	18/11/2012 21:56 67.8	21/11/2012 19:01 68.8	23/11/2012 20:06 57.1	25/11/2012 9:11 60.5			
17/11/2012 19:51 66.7	18/11/2012 12:56 62.6</							

Real-time Noise Data	RTN3 (Po Leung Kuk Yu Lee Mo Fan Memorial School)				
25/11/2012 12:26 63.3	25/11/2012 21:31 68.6	27/11/2012 22:36 69.1	29/10/2012 0:31 64.3	30/10/2012 1:36 62.1	31/10/2012 2:41 64.4
25/11/2012 12:31 62.1	25/11/2012 21:36 68.8	27/11/2012 22:41 52.5	29/10/2012 0:36 63.5	30/10/2012 1:41 62.5	31/10/2012 2:46 63.8
25/11/2012 12:36 58.2	25/11/2012 21:41 68.9	27/11/2012 22:46 69.3	29/10/2012 0:41 64.3	30/10/2012 1:46 62.8	31/10/2012 2:51 64.4
25/11/2012 12:41 63.0	25/11/2012 21:46 68.8	27/11/2012 22:51 69.2	29/10/2012 0:46 64.1	30/10/2012 1:51 62.0	31/10/2012 2:56 64.3
25/11/2012 12:46 62.7	25/11/2012 21:51 69.0	27/11/2012 22:56 69.4	29/10/2012 0:51 64.6	30/10/2012 1:56 63.1	31/10/2012 3:01 64.3
25/11/2012 12:51 60.2	25/11/2012 21:56 69.0		29/10/2012 0:56 63.6	30/10/2012 2:01 62.2	31/10/2012 3:06 63.7
25/11/2012 12:56 61.3	25/11/2012 22:01 68.6		29/10/2012 1:01 62.8	30/10/2012 2:06 62.0	31/10/2012 3:11 63.9
25/11/2012 13:01 62.7	25/11/2012 22:06 68.7		29/10/2012 1:06 64.1	30/10/2012 2:11 62.0	31/10/2012 3:16 64.5
25/11/2012 13:06 63.3	25/11/2012 22:11 69.3	28/10/2012 0:01 66.7	29/10/2012 1:11 63.6	30/10/2012 2:16 61.6	31/10/2012 3:21 63.9
25/11/2012 13:11 62.2	25/11/2012 22:16 68.9	28/10/2012 0:06 66.6	29/10/2012 1:16 63.3	30/10/2012 2:21 60.4	31/10/2012 3:26 64.7
25/11/2012 13:16 62.7	25/11/2012 22:21 68.8	28/10/2012 0:11 68.2	29/10/2012 1:21 62.9	30/10/2012 2:26 60.6	31/10/2012 3:31 64.2
25/11/2012 13:21 60.8	25/11/2012 22:26 68.6	28/10/2012 0:16 66.4	29/10/2012 1:26 62.7	30/10/2012 2:31 61.3	31/10/2012 3:36 64.8
25/11/2012 13:26 61.9	25/11/2012 22:31 68.4	28/10/2012 0:21 66.6	29/10/2012 1:31 61.8	30/10/2012 2:36 61.3	31/10/2012 3:41 63.8
25/11/2012 13:31 59.8	25/11/2012 22:36 68.3	28/10/2012 0:26 66.2	29/10/2012 1:36 62.8	30/10/2012 2:41 61.5	31/10/2012 3:46 62.7
25/11/2012 13:36 60.6	25/11/2012 22:41 69.1	28/10/2012 0:31 66.6	29/10/2012 1:41 61.6	30/10/2012 2:46 60.8	31/10/2012 3:51 64.1
25/11/2012 13:41 62.1	25/11/2012 22:46 68.9	28/10/2012 0:36 65.9	29/10/2012 1:46 61.8	30/10/2012 2:51 61.1	31/10/2012 3:56 63.6
25/11/2012 13:46 60.1	25/11/2012 22:51 68.5	28/10/2012 0:41 65.6	29/10/2012 1:51 63.1	30/10/2012 2:56 61.1	31/10/2012 4:01 63.7
25/11/2012 13:51 61.9	25/11/2012 22:56 68.9	28/10/2012 0:46 65.6	29/10/2012 1:56 61.5	30/10/2012 3:01 60.6	31/10/2012 4:06 63.1
25/11/2012 13:56 59.6	26/11/2012 19:01 68.9	28/10/2012 0:51 65.4	29/10/2012 2:01 61.9	30/10/2012 3:06 60.6	31/10/2012 4:11 62.6
25/11/2012 14:01 62.4	26/11/2012 19:06 68.5	28/10/2012 0:56 65.9	29/10/2012 2:06 62.0	30/10/2012 3:11 60.6	31/10/2012 4:16 62.9
25/11/2012 14:06 61.1	26/11/2012 19:11 68.1	28/10/2012 1:01 64.7	29/10/2012 2:11 63.6	30/10/2012 3:16 60.5	31/10/2012 4:21 63.5
25/11/2012 14:11 64.2	26/11/2012 19:16 68.5	28/10/2012 1:06 65.3	29/10/2012 2:16 62.2	30/10/2012 3:21 59.5	31/10/2012 4:26 61.6
25/11/2012 14:16 63.9	26/11/2012 19:21 68.8	28/10/2012 1:11 64.6	29/10/2012 2:21 61.7	30/10/2012 3:26 61.6	31/10/2012 4:31 63.0
25/11/2012 14:21 65.7	26/11/2012 19:26 69.1	28/10/2012 1:16 65.5	29/10/2012 2:26 61.3	30/10/2012 3:31 60.5	31/10/2012 4:36 62.9
25/11/2012 14:26 60.8	26/11/2012 19:31 69.1	28/10/2012 1:21 64.9	29/10/2012 2:31 61.6	30/10/2012 3:36 60.7	31/10/2012 4:41 63.7
25/11/2012 14:31 61.8	26/11/2012 19:36 69.3	28/10/2012 1:26 64.7	29/10/2012 2:36 61.2	30/10/2012 3:41 59.7	31/10/2012 4:46 63.9
25/11/2012 14:36 61.3	26/11/2012 19:41 56.5	28/10/2012 1:31 64.7	29/10/2012 2:41 60.4	30/10/2012 3:46 61.0	31/10/2012 4:51 62.8
25/11/2012 14:41 61.6	26/11/2012 19:46 68.9	28/10/2012 1:36 66.1	29/10/2012 2:46 60.7	30/10/2012 3:51 60.8	31/10/2012 4:56 63.7
25/11/2012 14:46 62.9	26/11/2012 19:51 69.0	28/10/2012 1:41 64.5	29/10/2012 2:51 60.2	30/10/2012 3:56 60.4	31/10/2012 5:01 64.1
25/11/2012 14:51 62.5	26/11/2012 19:56 69.2	28/10/2012 1:46 64.4	29/10/2012 2:56 61.4	30/10/2012 4:01 58.6	31/10/2012 5:06 64.9
25/11/2012 14:56 62.1	26/11/2012 20:01 69.0	28/10/2012 1:51 64.6	29/10/2012 3:01 61.1	30/10/2012 4:06 59.9	31/10/2012 5:11 64.4
25/11/2012 15:01 60.8	26/11/2012 20:06 68.8	28/10/2012 1:56 64.7	29/10/2012 3:06 60.4	30/10/2012 4:11 59.9	31/10/2012 5:16 64.9
25/11/2012 15:06 60.8	26/11/2012 20:11 68.6	28/10/2012 2:01 63.9	29/10/2012 3:11 58.9	30/10/2012 4:16 59.1	31/10/2012 5:21 64.8
25/11/2012 15:11 63.3	26/11/2012 20:16 68.6	28/10/2012 2:06 64.1	29/10/2012 3:16 60.2	30/10/2012 4:21 61.1	31/10/2012 5:26 64.3
25/11/2012 15:16 61.3	26/11/2012 20:21 68.8	28/10/2012 2:11 64.6	29/10/2012 3:21 59.7	30/10/2012 4:26 62.7	31/10/2012 5:31 66.2
25/11/2012 15:21 62.4	26/11/2012 20:26 68.1	28/10/2012 2:16 64.0	29/10/2012 3:26 59.1	30/10/2012 4:31 62.5	31/10/2012 5:36 64.9
25/11/2012 15:26 62.1	26/11/2012 20:31 68.6	28/10/2012 2:21 64.8	29/10/2012 3:31 59.8	30/10/2012 4:36 62.6	31/10/2012 5:41 66.0
25/11/2012 15:31 61.9	26/11/2012 20:36 67.9	28/10/2012 2:26 63.6	29/10/2012 3:36 61.2	30/10/2012 4:41 62.0	31/10/2012 5:46 66.0
25/11/2012 15:36 60.3	26/11/2012 20:41 68.0	28/10/2012 2:31 65.9	29/10/2012 3:41 59.9	30/10/2012 4:46 62.9	31/10/2012 5:51 65.6
25/11/2012 15:41 61.3	26/11/2012 20:46 68.3	28/10/2012 2:36 64.5	29/10/2012 3:46 61.0	30/10/2012 4:51 64.6	31/10/2012 5:56 64.6
25/11/2012 15:46 64.0	26/11/2012 20:51 68.2	28/10/2012 2:41 63.8	29/10/2012 3:51 60.7	30/10/2012 4:56 63.0	31/10/2012 6:01 65.1
25/11/2012 15:51 61.0	26/11/2012 20:56 68.3	28/10/2012 2:46 64.8	29/10/2012 3:56 59.1	30/10/2012 5:01 63.6	31/10/2012 6:06 67.0
25/11/2012 15:56 62.6	26/11/2012 21:01 68.2	28/10/2012 2:51 64.0	29/10/2012 4:01 59.8	30/10/2012 5:06 63.1	31/10/2012 6:11 66.9
25/11/2012 16:01 63.6	26/11/2012 21:06 68.4	28/10/2012 2:56 63.7	29/10/2012 4:06 60.2	30/10/2012 5:11 63.3	31/10/2012 6:16 67.6
25/11/2012 16:06 58.6	26/11/2012 21:11 68.2	28/10/2012 3:01 63.5	29/10/2012 4:11 59.4	30/10/2012 5:16 63.3	31/10/2012 6:21 68.5
25/11/2012 16:11 62.1	26/11/2012 21:16 68.4	28/10/2012 3:06 63.5	29/10/2012 4:16 60.1	30/10/2012 5:21 64.6	31/10/2012 6:26 68.2
25/11/2012 16:16 63.8	26/11/2012 21:21 68.3	28/10/2012 3:11 63.8	29/10/2012 4:21 59.9	30/10/2012 5:26 64.9	31/10/2012 6:31 68.7
25/11/2012 16:21 62.6	26/11/2012 21:26 68.8	28/10/2012 3:16 63.6	29/10/2012 4:26 59.8	30/10/2012 5:31 64.3	31/10/2012 6:36 68.7
25/11/2012 16:26 59.7	26/11/2012 21:31 68.1	28/10/2012 3:21 63.8	29/10/2012 4:31 59.9	30/10/2012 5:36 64.1	31/10/2012 6:41 69.2
25/11/2012 16:31 60.0	26/11/2012 21:36 68.3	28/10/2012 3:26 63.7	29/10/2012 4:36 59.7	30/10/2012 5:41 64.9	31/10/2012 6:46 69.4
25/11/2012 16:36 61.6	26/11/2012 21:41 67.9	28/10/2012 3:31 63.4	29/10/2012 4:41 58.9	30/10/2012 5:46 65.0	31/10/2012 6:51 69.7
25/11/2012 16:41 61.5	26/11/2012 21:46 68.4	28/10/2012 3:36 64.0	29/10/2012 4:46 60.4	30/10/2012 5:51 65.3	31/10/2012 6:56 69.9
25/11/2012 16:46 61.3	26/11/2012 21:51 68.4	28/10/2012 3:41 63.3	29/10/2012 4:51 60.3	30/10/2012 5:56 66.0	31/10/2012 23:01 68.3
25/11/2012 16:51 60.5	26/11/2012 21:56 67.6	28/10/2012 3:46 62.8	29/10/2012 4:56 61.0	30/10/2012 6:01 65.3	31/10/2012 23:06 67.7
25/11/2012 16:56 62.3	26/11/2012 22:01 68.3	28/10/2012 3:51 63.1	29/10/2012 5:01 60.7	30/10/2012 6:06 66.7	31/10/2012 23:11 68.2
25/11/2012 17:01 60.7	26/11/2012 22:06 68.3	28/10/2012 3:56 63.0	29/10/2012 5:06 61.0	30/10/2012 6:11 66.1	31/10/2012 23:16 68.2
25/11/2012 17:06 60.6	26/11/2012 22:11 68.0	28/10/2012 4:01 63.3	29/10/2012 5:11 62.7	30/10/2012 6:16 66.6	31/10/2012 23:21 68.1
25/11/2012 17:11 60.6	26/11/2012 22:16 69.1	28/10/2012 4:06 62.6	29/10/2012 5:16 61.2	30/10/2012 6:21 67.1	31/10/2012 23:26 68.1
25/11/2012 17:16 61.8	26/11/2012 22:21 68.1	28/10/2012 4:11 63.0	29/10/2012 5:21 62.2	30/10/2012 6:26 67.5	31/10/2012 23:31 67.8
25/11/2012 17:21 59.9	26/11/2012 22:26 68.1	28/10/2012 4:16 63.4	29/10/2012 5:26 62.0	30/10/2012 6:31 67.8	31/10/2012 23:36 67.5
25/11/2012 17:26 61.7	26/11/2012 22:31 67.7	28/10/2012 4:21 62.6	29/10/2012 5:31 61.9	30/10/2012 6:36 67.9	31/10/2012 23:41 67.3
25/11/2012 17:31 58.7	26/11/2012 22:36 68.2	28/10/2012 4:26 63.4	29/10/2012 5:36 62.4	30/10/2012 6:41 69.0	31/10/2012 23:46 68.0
25/11/2012 17:36 61.2	26/11/2012 22:41 68.2	28/10/2012 4:31 63.3	29/10/2012 5:41 63.1	30/10/2012 6:46 68.4	31/10/2012 23:51 67.7
25/11/2012 17:41 62.3	26/11/2012 22:46 67.7	28/10/2012 4:36 63.4	29/10/2012 5:46 63.2	30/10/2012 6:51 68.7	31/10/2012 23:56 67.4
25/11/2012 17:46 62.6	26/11/2012 22:51 67.7	28/10/2012 4:41 62.4	29/10/2012 5:51 63.0	30/10/2012 6:56 69.6	1/11/2012 0:01 67.4
25/11/2012 17:51 62.9	26/11/2012 22:56 67.1	28/10/2012 4:46 63.7	29/10/2012 5:56 62.7	30/10/2012 7:01 69.3	1/11/2012 0:06 68.1
25/11/2012 17:56 57.1	27/11/2012 19:01 69.3	28/10/2012 4:51 62.3	29/10/2012 6:01 63.7	30/10/2012 7:06 69.5	1/11/2012 0:11 67.7
25/11/2012 18:01 69.4	27/11/2012 19:06 66.9	28/10/2012 4:56 63.5	29/10/2012 6:06 64.1	30/10/2012 7:11 69.7	1/11/2012 0:16 67.8
25/11/2012 18:06 56.3	27/11/2012 19:11 68.7	28/10/2012 5:01 62.5	29/10/2012 6:11 64.0	30/10/2012 7:16 69.3	1/11/2012 0:21 67.4
25/11/2012 18:11 58.7	27/11/2012 19:16 69.2	28/10/2012 5:06 63.2	29/10/2012 6:16 64.5	30/10/2012 7:21 69.0	1/11/2012 0:26 68.2
25/11/2012 18:16 60.4	27/11/2012 19:21 68.8	28/10/2012 5:11 63.3	29/10/2012 6:21 64.4	30/10/2012 7:26 69.1	1/11/2012 0:31 66.7
25/11/2012 18:21 58.2	27/11/2012 19:26 69.0	28/10/2012 5:16 63.0	29/10/2012 6:26 65.5	30/10/2012 7:31 69.2	1/11/2012 0:36 67.1
25/11/2012 18:26 59.0	27/11/2012 19:31 69.3	28/10/2012 5:21 62.9	29/10/2012 6:31 65.6	30/10/2012 7:36 69.0	1/11/2012 0:41 66.1
25/11/2012 18:31 59.1	27/11/2012 19:36 64.3	28/10/2012 5:26 62.9	29/10/2012 6:36 66.4	30/10/2012 7:41 68.9	1/11/2012 0:46 66.1
25/11/2012 18:36 60.5	27/11/2012 19:41 50.6	28/10/2012 5:31 63.5	29/10/2012 6:41 66.1	30/10/2012 7:46 69.1	1/11/2012 0:51 66.2
25/11/2012 18:41 58.5	27/11/2012 19:46 69.3	28/10/2012 5:36 62.9	29/10/2012 6:46 67.0	30/10/2012 7:51 68.9	1/11/2012 0:56 66.9
25/11/2012 18:46 57.9	27/11/2012 19:51 68.9	28/10/2012 5:41 63.8	29/10/2012 6:51 67.1	30/10/2012 7:56 68.9	1/11/2012 1:01 66.1
25/11/2012 18:51 64.2	27/11/2012 19:56 68.8	28/10/2012 5:46 63.6	29/10/2012 6:56 67.5	31/10/2012 0:01 69.0	1/11/2012 1:06 67.0
25/11/2012 18:56 58.8	27/11/2012 20:01 68.9	28/10/2012 5:51 63.3	29/10/2012 7:01 65.9</		

Real-time Noise Data		RTN3 (Po Leung Kuk Yu Lee Mo Fan Memorial School)					
1/11/2012 3:46	63.8	2/11/2012 4:51	63.2	3/11/2012 5:56	64.4	4/11/2012 23:01	66.0
1/11/2012 3:51	63.8	2/11/2012 4:56	61.6	3/11/2012 6:01	63.5	4/11/2012 23:06	66.6
1/11/2012 3:56	63.7	2/11/2012 5:01	61.8	3/11/2012 6:06	63.5	4/11/2012 23:11	67.1
1/11/2012 4:01	64.1	2/11/2012 5:06	62.8	3/11/2012 6:11	64.7	4/11/2012 23:16	67.0
1/11/2012 4:06	63.2	2/11/2012 5:11	61.2	3/11/2012 6:16	64.5	4/11/2012 23:21	66.1
1/11/2012 4:11	62.9	2/11/2012 5:16	62.6	3/11/2012 6:21	64.6	4/11/2012 23:26	65.8
1/11/2012 4:16	62.9	2/11/2012 5:21	62.5	3/11/2012 6:26	65.2	4/11/2012 23:31	66.5
1/11/2012 4:21	63.0	2/11/2012 5:26	62.4	3/11/2012 6:31	65.8	4/11/2012 23:36	66.4
1/11/2012 4:26	63.0	2/11/2012 5:31	62.7	3/11/2012 6:36	65.6	4/11/2012 23:41	65.8
1/11/2012 4:31	63.1	2/11/2012 5:36	63.6	3/11/2012 6:41	66.1	4/11/2012 23:46	66.0
1/11/2012 4:36	63.2	2/11/2012 5:41	64.3	3/11/2012 6:46	66.4	4/11/2012 23:51	65.6
1/11/2012 4:41	62.6	2/11/2012 5:46	64.2	3/11/2012 6:51	65.9	4/11/2012 23:56	65.5
1/11/2012 4:46	63.3	2/11/2012 5:51	64.0	3/11/2012 6:56	66.6	5/11/2012 0:01	65.9
1/11/2012 4:51	63.8	2/11/2012 5:56	64.0	3/11/2012 7:01	66.9	5/11/2012 0:06	65.9
1/11/2012 4:56	65.1	2/11/2012 6:01	64.4	3/11/2012 23:06	67.0	5/11/2012 0:11	65.9
1/11/2012 5:01	62.7	2/11/2012 6:06	64.8	3/11/2012 23:11	66.8	5/11/2012 0:16	66.0
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1/11/2012 5:11	63.6	2/11/2012 6:16	66.8	3/11/2012 23:21	67.1	5/11/2012 0:26	65.2
1/11/2012 5:16	64.7	2/11/2012 6:21	65.6	3/11/2012 23:26	67.4	5/11/2012 0:31	64.9
1/11/2012 5:21	64.0	2/11/2012 6:26	66.2	3/11/2012 23:31	66.7	5/11/2012 0:36	64.7
1/11/2012 5:26	64.4	2/11/2012 6:31	66.2	3/11/2012 23:36	66.8	5/11/2012 0:41	64.2
1/11/2012 5:31	63.4	2/11/2012 6:36	67.2	3/11/2012 23:41	67.0	5/11/2012 0:46	64.8
1/11/2012 5:36	64.8	2/11/2012 6:41	67.6	3/11/2012 23:46	67.1	5/11/2012 0:51	62.9
1/11/2012 5:41	65.1	2/11/2012 6:46	67.4	3/11/2012 23:51	66.3	5/11/2012 0:56	64.2
1/11/2012 5:46	64.4	2/11/2012 6:51	67.9	3/11/2012 23:56	66.8	5/11/2012 1:01	63.3
1/11/2012 5:51	65.4	2/11/2012 6:56	68.4	4/11/2012 0:01	66.5	5/11/2012 1:06	63.8
1/11/2012 5:56	63.8	2/11/2012 23:01	67.3	4/11/2012 0:06	67.0	5/11/2012 1:11	62.2
1/11/2012 6:01	65.7	2/11/2012 23:06	67.2	4/11/2012 0:11	66.6	5/11/2012 1:16	63.2
1/11/2012 6:06	65.3	2/11/2012 23:11	67.1	4/11/2012 0:16	66.2	5/11/2012 1:21	63.0
1/11/2012 6:11	65.6	2/11/2012 23:16	67.1	4/11/2012 0:21	67.0	5/11/2012 1:26	62.1
1/11/2012 6:16	66.4	2/11/2012 23:21	67.2	4/11/2012 0:26	66.3	5/11/2012 1:31	61.4
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1/11/2012 6:36	67.4	2/11/2012 23:41	67.0	4/11/2012 0:46	65.0	5/11/2012 1:51	62.4
1/11/2012 6:41	68.1	2/11/2012 23:46	67.4	4/11/2012 0:51	65.4	5/11/2012 1:56	61.1
1/11/2012 6:46	67.6	2/11/2012 23:51	67.2	4/11/2012 0:56	64.8	5/11/2012 2:01	62.3
1/11/2012 6:51	68.0	2/11/2012 23:56	66.2	4/11/2012 1:01	64.5	5/11/2012 2:06	60.8
1/11/2012 6:56	68.7	3/11/2012 0:01	66.4	4/11/2012 1:06	64.8	5/11/2012 2:11	60.3
1/11/2012 23:01	67.5	3/11/2012 0:06	67.0	4/11/2012 1:11	64.5	5/11/2012 2:16	62.3
1/11/2012 23:06	67.2	3/11/2012 0:11	66.8	4/11/2012 1:16	64.3	5/11/2012 2:21	60.8
1/11/2012 23:11	67.1	3/11/2012 0:16	67.0	4/11/2012 1:21	65.0	5/11/2012 2:26	59.4
1/11/2012 23:16	67.6	3/11/2012 0:21	68.3	4/11/2012 1:26	64.2	5/11/2012 2:31	59.7
1/11/2012 23:21	67.1	3/11/2012 0:26	66.7	4/11/2012 1:31	64.4	5/11/2012 2:36	61.1
1/11/2012 23:26	67.2	3/11/2012 0:31	66.8	4/11/2012 1:36	63.5	5/11/2012 2:41	60.7
1/11/2012 23:31	66.5	3/11/2012 0:36	66.0	4/11/2012 1:41	64.1	5/11/2012 2:46	60.1
1/11/2012 23:36	67.0	3/11/2012 0:41	66.0	4/11/2012 1:46	64.1	5/11/2012 2:51	61.0
1/11/2012 23:41	66.8	3/11/2012 0:46	66.0	4/11/2012 1:51	63.9	5/11/2012 2:56	59.1
1/11/2012 23:46	66.9	3/11/2012 0:51	66.8	4/11/2012 1:56	63.5	5/11/2012 3:01	58.7
1/11/2012 23:51	66.7	3/11/2012 0:56	66.2	4/11/2012 2:01	64.4	5/11/2012 3:06	59.7
1/11/2012 23:56	66.6	3/11/2012 1:01	65.7	4/11/2012 2:06	62.5	5/11/2012 3:11	60.5
2/11/2012 0:01	67.1	3/11/2012 1:06	65.9	4/11/2012 2:11	63.6	5/11/2012 3:16	59.6
2/11/2012 0:06	67.2	3/11/2012 1:11	66.0	4/11/2012 2:16	63.8	5/11/2012 3:21	59.5
2/11/2012 0:11	66.4	3/11/2012 1:16	65.5	4/11/2012 2:21	63.6	5/11/2012 3:26	59.8
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2/11/2012 0:26	66.7	3/11/2012 1:31	64.8	4/11/2012 2:36	63.8	5/11/2012 3:41	60.3
2/11/2012 0:31	67.0	3/11/2012 1:36	66.4	4/11/2012 2:41	63.2	5/11/2012 3:46	61.2
2/11/2012 0:36	65.5	3/11/2012 1:41	65.1	4/11/2012 2:46	63.7	5/11/2012 3:51	60.0
2/11/2012 0:41	66.2	3/11/2012 1:46	66.0	4/11/2012 2:51	64.1	5/11/2012 3:56	60.3
2/11/2012 0:46	65.5	3/11/2012 1:51	65.0	4/11/2012 2:56	63.8	5/11/2012 4:01	59.9
2/11/2012 0:51	65.6	3/11/2012 1:56	64.9	4/11/2012 3:01	63.7	5/11/2012 4:06	59.8
2/11/2012 0:56	65.7	3/11/2012 2:01	65.0	4/11/2012 3:06	64.1	5/11/2012 4:11	59.6
2/11/2012 1:01	65.0	3/11/2012 2:06	64.9	4/11/2012 3:11	63.4	5/11/2012 4:16	60.1
2/11/2012 1:06	64.7	3/11/2012 2:11	65.0	4/11/2012 3:16	63.0	5/11/2012 4:21	60.1
2/11/2012 1:11	65.1	3/11/2012 2:16	65.0	4/11/2012 3:21	64.0	5/11/2012 4:26	60.1
2/11/2012 1:16	65.8	3/11/2012 2:21	65.0	4/11/2012 3:26	64.1	5/11/2012 4:31	59.5
2/11/2012 1:21	64.8	3/11/2012 2:26	64.5	4/11/2012 3:31	63.8	5/11/2012 4:36	60.0
2/11/2012 1:26	64.5	3/11/2012 2:31	64.5	4/11/2012 3:36	62.9	5/11/2012 4:41	59.4
2/11/2012 1:31	64.6	3/11/2012 2:36	64.4	4/11/2012 3:41	63.5	5/11/2012 4:46	59.9
2/11/2012 1:36	64.2	3/11/2012 2:41	64.2	4/11/2012 3:46	62.3	5/11/2012 4:51	60.6
2/11/2012 1:41	63.8	3/11/2012 2:46	64.1	4/11/2012 3:51	62.7	5/11/2012 4:56	60.7
2/11/2012 1:46	63.3	3/11/2012 2:51	64.4	4/11/2012 3:56	63.3	5/11/2012 5:01	60.2
2/11/2012 1:51	64.2	3/11/2012 2:56	63.6	4/11/2012 4:01	63.8	5/11/2012 5:06	62.3
2/11/2012 1:56	63.3	3/11/2012 3:01	64.3	4/11/2012 4:06	62.9	5/11/2012 5:11	61.7
2/11/2012 2:01	64.0	3/11/2012 3:06	64.0	4/11/2012 4:11	61.9	5/11/2012 5:16	63.0
2/11/2012 2:06	62.8	3/11/2012 3:11	64.2	4/11/2012 4:16	63.3	5/11/2012 5:21	61.4
2/11/2012 2:11	63.0	3/11/2012 3:16	62.7	4/11/2012 4:21	63.6	5/11/2012 5:26	61.1
2/11/2012 2:16	63.0	3/11/2012 3:21	63.4	4/11/2012 4:26	63.0	5/11/2012 5:31	62.0
2/11/2012 2:21	63.5	3/11/2012 3:26	63.0	4/11/2012 4:31	62.4	5/11/2012 5:36	62.9
2/11/2012 2:26	63.2	3/11/2012 3:31	63.3	4/11/2012 4:36	63.0	5/11/2012 5:41	64.1
2/11/2012 2:31	62.7	3/11/2012 3:36	63.6	4/11/2012 4:41	62.6	5/11/2012 5:46	62.7
2/11/2012 2:36	62.9	3/11/2012 3:41	63.4	4/11/2012 4:46	62.6	5/11/2012 5:51	63.2
2/11/2012 2:41	62.2	3/11/2012 3:46	63.7	4/11/2012 4:51	62.7	5/11/2012 5:56	63.2
2/11/2012 2:46	62.3	3/11/2012 3:51	62.9	4/11/2012 4:56	62.4	5/11/2012 6:01	63.0
2/11/2012 2:51	63.2	3/11/2012 3:56	63.0	4/11/2012 5:01	62.9	5/11/2012 6:06	64.0
2/11/2012 2:56	61.8	3/11/2012 4:01	62.8	4/11/2012 5:06	63.7	5/11/2012 6:11	64.3
2/11/2012 3:01	62.1	3/11/2012 4:06	63.7	4/11/2012 5:11	62.4	5/11/2012 6:16	64.9
2/11/2012 3:06	61.9	3/11/2012 4:11	63.0	4/11/2012 5:16	63.0	5/11/2012 6:21	65.2
2/11/2012 3:11	62.2	3/11/2012 4:16	62.9	4/11/2012 5:21	62.5	5/11/2012 6:26	65.6
2/11/2012 3:16	62.3	3/11/2012 4:21	62.6	4/11/2012 5:26	63.1	5/11/2012 6:31	66.5
2/11/2012 3:21	62.1	3/11/2012 4:26	62.5	4/11/2012 5:31	65.0	5/11/2012 6:36	66.4
2/11/2012 3:26	60.9	3/11/2012 4:31	62.8	4/11/2012 5:36	64.1	5/11/2012 6:41	67.0
2/11/2012 3:31	62.0	3/11/2012 4:36	62.1	4/11/2012 5:41	63.9	5/11/2012 6:46	67.1
2/11/2012 3:36	61.3	3/11/2012 4:41	61.8	4/11/2012 5:46	64.1	5/11/2012 6:51	67.2
2/11/2012 3:41	61.0	3/11/2012 4:46	62.0	4/11/2012 5:51	63.6	5/11/2012 6:56	67.6
2/11/2012 3:46	63.0	3/11/2012 4:51	63.1	4/11/2012 5:56	63.3	5/11/2012 23:01	66.7
2/11/2012 3:51	60.7	3/11/2012 4:56	62.3	4/11/2012 6:01	63.4	5/11/2012 23:06	67.0
2/11/2012 3:56	61.6	3/11/2012 5:01	63.3	4/11/2012 6:06	64.2	5/11/2012 23:11	66.5
2/11/2012 4:01	60.6	3/11/2012 5:06	63.4	4/11/2012 6:11	64.7	5/11/2012 23:16	66.4
2/11/2012 4:06	60.7	3/11/2012 5:11	63.5	4/11/2012 6:16	65.5	5/11/2012 23:21	66.7
2/11/2012 4:11	61.7	3/11/2012 5:16	62.8	4/11/2012 6:21	64.2	5/11/2012 23:26	67.0
2/11/2012 4:16	61.4	3/11/2012 5:21	62.8	4/11/2012 6:26	64.8	5/11/2012 23:31	66.4
2/11/2012 4:21	62.2	3/11/2012 5:26	62.7	4/11/2012 6:31	65.7	5/11/2012 23:36	66.1
2/11/2012 4:26	60.8	3/11/2012 5:31</					

Real-time Noise Data		RTN3 (Po Leung Kuk Yu Lee Mo Fan Memorial School)					
8/11/2012 2:16	62.3	9/11/2012 3:21	60.0	10/11/2012 4:26	62.9	11/11/2012 5:31	64.2
8/11/2012 2:21	62.2	9/11/2012 3:26	62.6	10/11/2012 4:31	62.8	11/11/2012 5:36	64.1
8/11/2012 2:26	61.8	9/11/2012 3:31	64.4	10/11/2012 4:36	62.8	11/11/2012 5:41	63.9
8/11/2012 2:31	62.7	9/11/2012 3:36	61.5	10/11/2012 4:41	62.9	11/11/2012 5:46	64.1
8/11/2012 2:36	61.9	9/11/2012 3:41	61.9	10/11/2012 4:46	62.5	11/11/2012 5:51	63.7
8/11/2012 2:41	62.1	9/11/2012 3:46	61.4	10/11/2012 4:51	62.6	11/11/2012 5:56	64.0
8/11/2012 2:46	61.6	9/11/2012 3:51	61.8	10/11/2012 4:56	63.4	11/11/2012 6:01	64.0
8/11/2012 2:51	61.7	9/11/2012 3:56	60.8	10/11/2012 5:01	63.8	11/11/2012 6:06	64.5
8/11/2012 2:56	60.8	9/11/2012 4:01	60.8	10/11/2012 5:06	62.7	11/11/2012 6:11	65.2
8/11/2012 3:01	61.2	9/11/2012 4:06	61.0	10/11/2012 5:11	62.6	11/11/2012 6:16	64.6
8/11/2012 3:06	60.5	9/11/2012 4:11	61.6	10/11/2012 5:16	62.4	11/11/2012 6:21	64.5
8/11/2012 3:11	60.6	9/11/2012 4:16	61.1	10/11/2012 5:21	63.0	11/11/2012 6:26	65.4
8/11/2012 3:16	61.0	9/11/2012 4:21	60.8	10/11/2012 5:26	63.8	11/11/2012 6:31	65.2
8/11/2012 3:21	61.3	9/11/2012 4:26	61.0	10/11/2012 5:31	63.0	11/11/2012 6:36	65.7
8/11/2012 3:26	60.8	9/11/2012 4:31	60.7	10/11/2012 5:36	63.4	11/11/2012 6:41	66.0
8/11/2012 3:31	60.8	9/11/2012 4:36	60.6	10/11/2012 5:41	63.6	11/11/2012 6:46	65.8
8/11/2012 3:36	60.4	9/11/2012 4:41	61.4	10/11/2012 5:46	63.6	11/11/2012 6:51	66.1
8/11/2012 3:41	59.9	9/11/2012 4:46	62.4	10/11/2012 5:51	63.8	11/11/2012 6:56	67.3
8/11/2012 3:46	60.7	9/11/2012 4:51	61.3	10/11/2012 5:56	64.0	11/11/2012 7:01	67.0
8/11/2012 3:51	59.8	9/11/2012 4:56	61.3	10/11/2012 6:01	63.3	11/11/2012 7:06	66.9
8/11/2012 3:56	61.2	9/11/2012 5:01	61.8	10/11/2012 6:06	64.0	11/11/2012 7:11	66.7
8/11/2012 4:01	61.6	9/11/2012 5:06	63.0	10/11/2012 6:11	64.6	11/11/2012 7:16	67.4
8/11/2012 4:06	59.3	9/11/2012 5:11	62.3	10/11/2012 6:16	64.0	11/11/2012 7:21	68.3
8/11/2012 4:11	60.7	9/11/2012 5:16	62.6	10/11/2012 6:21	65.2	11/11/2012 7:26	66.7
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8/11/2012 4:21	60.5	9/11/2012 5:26	61.7	10/11/2012 6:31	65.3	11/11/2012 7:36	67.4
8/11/2012 4:26	60.1	9/11/2012 5:31	62.0	10/11/2012 6:36	65.3	11/11/2012 7:41	67.7
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8/11/2012 4:36	60.4	9/11/2012 5:41	63.4	10/11/2012 6:46	66.1	11/11/2012 7:51	66.0
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8/11/2012 4:51	61.5	9/11/2012 5:56	63.5	10/11/2012 7:01	66.7	12/11/2012 0:06	66.6
8/11/2012 4:56	61.3	9/11/2012 6:01	63.6	10/11/2012 7:06	66.8	12/11/2012 0:11	67.5
8/11/2012 5:01	61.1	9/11/2012 6:06	64.2	10/11/2012 7:11	66.6	12/11/2012 0:16	66.1
8/11/2012 5:06	62.0	9/11/2012 6:11	64.2	10/11/2012 7:16	66.6	12/11/2012 0:21	65.8
8/11/2012 5:11	61.4	9/11/2012 6:16	65.2	10/11/2012 7:21	67.1	12/11/2012 0:26	65.9
8/11/2012 5:16	62.1	9/11/2012 6:21	65.4	10/11/2012 7:26	66.5	12/11/2012 0:31	65.1
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8/11/2012 5:51	63.3	9/11/2012 6:56	67.8	11/11/2012 0:01	66.7	12/11/2012 1:06	63.6
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8/11/2012 6:11	64.0	9/11/2012 7:16	67.2	11/11/2012 0:21	65.5	12/11/2012 1:26	63.9
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8/11/2012 6:21	64.5	9/11/2012 7:26	66.9	11/11/2012 0:31	66.6	12/11/2012 1:36	63.2
8/11/2012 6:26	65.8	9/11/2012 7:31	67.5	11/11/2012 0:36	65.7	12/11/2012 1:41	62.5
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8/11/2012 7:16	67.2	10/11/2012 0:21	67.1	11/11/2012 1:26	65.2	12/11/2012 2:31	61.5
8/11/2012 7:21	66.6	10/11/2012 0:26	66.5	11/11/2012 1:31	65.2	12/11/2012 2:36	61.2
8/11/2012 7:26	66.4	10/11/2012 0:31	66.9	11/11/2012 1:36	64.1	12/11/2012 2:41	60.9
8/11/2012 7:31	66.3	10/11/2012 0:36	66.8	11/11/2012 1:41	64.6	12/11/2012 2:46	61.2
8/11/2012 7:36	66.3	10/11/2012 0:41	66.2	11/11/2012 1:46	64.0	12/11/2012 2:51	61.8
8/11/2012 7:41	66.0	10/11/2012 0:46	66.4	11/11/2012 1:51	64.1	12/11/2012 2:56	61.7
8/11/2012 7:46	65.9	10/11/2012 0:51	65.9	11/11/2012 1:56	64.6	12/11/2012 3:01	61.2
8/11/2012 7:51	66.5	10/11/2012 0:56	66.3	11/11/2012 2:01	64.9	12/11/2012 3:06	60.5
8/11/2012 7:56	67.3	10/11/2012 1:01	65.4	11/11/2012 2:06	63.9	12/11/2012 3:11	61.4
9/11/2012 0:01	66.4	10/11/2012 1:06	65.7	11/11/2012 2:11	63.9	12/11/2012 3:16	60.7
9/11/2012 0:06	66.4	10/11/2012 1:11	66.1	11/11/2012 2:16	64.4	12/11/2012 3:21	60.8
9/11/2012 0:11	66.3	10/11/2012 1:16	66.6	11/11/2012 2:21	64.2	12/11/2012 3:26	59.7
9/11/2012 0:16	66.5	10/11/2012 1:21	65.5	11/11/2012 2:26	64.0	12/11/2012 3:31	59.3
9/11/2012 0:21	65.9	10/11/2012 1:26	66.2	11/11/2012 2:31	64.9	12/11/2012 3:36	59.8
9/11/2012 0:26	66.6	10/11/2012 1:31	65.4	11/11/2012 2:36	64.5	12/11/2012 3:41	61.1
9/11/2012 0:31	66.1	10/11/2012 1:36	65.4	11/11/2012 2:41	64.8	12/11/2012 3:46	59.5
9/11/2012 0:36	65.4	10/11/2012 1:41	64.8	11/11/2012 2:46	63.4	12/11/2012 3:51	60.3
9/11/2012 0:41	65.4	10/11/2012 1:46	65.1	11/11/2012 2:51	64.0	12/11/2012 3:56	58.7
9/11/2012 0:46	66.1	10/11/2012 1:51	65.3	11/11/2012 2:56	64.6	12/11/2012 4:01	59.9
9/11/2012 0:51	66.6	10/11/2012 1:56	65.3	11/11/2012 3:01	64.3	12/11/2012 4:06	59.6
9/11/2012 0:56	64.6	10/11/2012 2:01	64.7	11/11/2012 3:06	64.2	12/11/2012 4:11	60.6
9/11/2012 1:01	64.6	10/11/2012 2:06	65.0	11/11/2012 3:11	64.1	12/11/2012 4:16	63.1
9/11/2012 1:06	64.5	10/11/2012 2:11	64.8	11/11/2012 3:16	63.5	12/11/2012 4:21	59.0
9/11/2012 1:11	63.8	10/11/2012 2:16	65.0	11/11/2012 3:21	64.8	12/11/2012 4:26	59.2
9/11/2012 1:16	64.3	10/11/2012 2:21	64.2	11/11/2012 3:26	63.5	12/11/2012 4:31	61.3
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9/11/2012 1:26	63.2	10/11/2012 2:31	64.5	11/11/2012 3:36	64.1	12/11/2012 4:41	60.6
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9/11/2012 1:36	64.2	10/11/2012 2:41	64.6	11/11/2012 3:46	63.7	12/11/2012 4:51	61.5
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9/11/2012 1:51	63.5	10/11/2012 2:56	64.4	11/11/2012 4:01	63.5	12/11/2012 5:06	61.7
9/11/2012 1:56	63.2	10/11/2012 3:01	63.6	11/11/2012 4:06	63.4	12/11/2012 5:11	61.8
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9/11/2012 2:06	63.6	10/11/2012 3:11	64.2	11/11/2012 4:16	64.9	12/11/2012 5:21	62.0
9/11/2012 2:11	63.0	10/11/2012 3:16	64.4	11/11/2012 4:21	62.9	12/11/2012 5:26	61.7
9/11/2012 2:16	63.1	10/11/2012 3:21	63.5	11/11/2012 4:26	62.5	12/11/2012 5:31	62.2
9/11/2012 2:21	62.9	10/11/2012 3:26	63.5	11/11/2012 4:31	63.1	12/11/2012 5:36	63.1
9/11/2012 2:26	62.9	10/11/2012 3:31	63.6	11/11/2012 4:36	63.0	12/11/2012 5:41	63.1
9/11/2012 2:31	62.0	10/11/2012 3:36	63.8	11/11/2012 4:41	62.8	12/11/2012 5:46	62.9
9/11/2012 2:36	62.2	10/11/2012 3:41	62.2	11/11/2012 4:46	63.9	12/11/2012 5:51	62.9
9/11/2012 2:41	62.6	10/11/2012 3:46	62.6	11/11/2012 4:51	62.6	12/11/2012 5:56	62.8
9/11/2012 2:46	62.6	10/11/2012 3:51	62.6	11/11/2012 4:56	62.9</		

Real-time Noise Data		RTN3 (Po Leung Kuk Yu Lee Mo Fan Memorial School)					
15/11/2012 0:46	64.5	16/11/2012 1:51	63.5	17/11/2012 2:56	61.6	18/11/2012 4:01	61.9
15/11/2012 0:51	65.2	16/11/2012 1:56	63.2	17/11/2012 3:01	62.5	18/11/2012 4:06	62.0
15/11/2012 0:56	64.9	16/11/2012 2:01	63.2	17/11/2012 3:06	62.5	18/11/2012 4:11	62.8
15/11/2012 1:01	63.8	16/11/2012 2:06	62.6	17/11/2012 3:11	60.5	18/11/2012 4:16	62.0
15/11/2012 1:06	63.9	16/11/2012 2:11	63.0	17/11/2012 3:16	59.6	18/11/2012 4:21	62.2
15/11/2012 1:11	64.4	16/11/2012 2:16	61.6	17/11/2012 3:21	59.5	18/11/2012 4:26	62.4
15/11/2012 1:16	63.7	16/11/2012 2:21	63.0	17/11/2012 3:26	59.8	18/11/2012 4:31	61.5
15/11/2012 1:21	63.6	16/11/2012 2:26	62.4	17/11/2012 3:31	59.5	18/11/2012 4:36	62.2
15/11/2012 1:26	63.3	16/11/2012 2:31	63.2	17/11/2012 3:36	60.0	18/11/2012 4:41	62.6
15/11/2012 1:31	63.4	16/11/2012 2:36	63.0	17/11/2012 3:41	60.3	18/11/2012 4:46	63.6
15/11/2012 1:36	63.2	16/11/2012 2:41	63.4	17/11/2012 3:46	61.2	18/11/2012 4:51	62.8
15/11/2012 1:41	62.4	16/11/2012 2:46	62.8	17/11/2012 3:51	60.0	18/11/2012 4:56	61.4
15/11/2012 1:46	63.0	16/11/2012 2:51	62.1	17/11/2012 3:56	60.3	18/11/2012 5:01	62.2
15/11/2012 1:51	62.9	16/11/2012 2:56	62.8	17/11/2012 4:01	59.9	18/11/2012 5:06	62.5
15/11/2012 1:56	62.1	16/11/2012 3:01	61.9	17/11/2012 4:06	59.8	18/11/2012 5:11	63.3
15/11/2012 2:01	63.5	16/11/2012 3:06	62.3	17/11/2012 4:11	59.6	18/11/2012 5:16	62.8
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15/11/2012 2:11	63.1	16/11/2012 3:16	61.1	17/11/2012 4:21	60.1	18/11/2012 5:26	63.2
15/11/2012 2:16	63.5	16/11/2012 3:21	60.4	17/11/2012 4:26	60.1	18/11/2012 5:31	62.9
15/11/2012 2:21	61.8	16/11/2012 3:26	60.7	17/11/2012 4:31	59.5	18/11/2012 5:36	62.6
15/11/2012 2:26	61.9	16/11/2012 3:31	61.2	17/11/2012 4:36	60.0	18/11/2012 5:41	63.6
15/11/2012 2:31	62.2	16/11/2012 3:36	61.1	17/11/2012 4:41	59.4	18/11/2012 5:46	63.8
15/11/2012 2:36	61.9	16/11/2012 3:41	61.2	17/11/2012 4:46	59.9	18/11/2012 5:51	64.0
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15/11/2012 2:46	62.4	16/11/2012 3:51	61.6	17/11/2012 4:56	60.7	18/11/2012 6:01	64.0
15/11/2012 2:51	61.0	16/11/2012 3:56	61.1	17/11/2012 5:01	60.6	18/11/2012 6:06	64.6
15/11/2012 2:56	61.5	16/11/2012 4:01	60.7	17/11/2012 5:06	61.0	18/11/2012 6:11	64.0
15/11/2012 3:01	62.4	16/11/2012 4:06	61.1	17/11/2012 5:11	61.2	18/11/2012 6:16	65.2
15/11/2012 3:06	61.4	16/11/2012 4:11	60.7	17/11/2012 5:16	60.9	18/11/2012 6:21	65.2
15/11/2012 3:11	61.4	16/11/2012 4:16	60.6	17/11/2012 5:21	60.2	18/11/2012 6:26	65.3
15/11/2012 3:16	61.3	16/11/2012 4:21	60.4	17/11/2012 5:26	60.9	18/11/2012 6:31	65.3
15/11/2012 3:21	61.2	16/11/2012 4:26	61.1	17/11/2012 5:31	61.1	18/11/2012 6:36	65.3
15/11/2012 3:26	61.7	16/11/2012 4:31	61.1	17/11/2012 5:36	61.3	18/11/2012 6:41	66.1
15/11/2012 3:31	61.0	16/11/2012 4:36	61.1	17/11/2012 5:41	61.8	18/11/2012 6:46	66.0
15/11/2012 3:36	60.9	16/11/2012 4:41	61.4	17/11/2012 5:46	62.3	18/11/2012 6:51	66.7
15/11/2012 3:41	61.2	16/11/2012 4:46	61.0	17/11/2012 5:51	62.3	18/11/2012 6:56	66.8
15/11/2012 3:46	60.9	16/11/2012 4:51	61.3	17/11/2012 5:56	62.2	18/11/2012 23:01	66.2
15/11/2012 3:51	59.5	16/11/2012 4:56	61.6	17/11/2012 6:01	62.3	18/11/2012 23:06	66.1
15/11/2012 3:56	60.9	16/11/2012 5:01	62.1	17/11/2012 6:06	64.0	18/11/2012 23:11	66.1
15/11/2012 4:01	60.4	16/11/2012 5:06	62.8	17/11/2012 6:11	63.6	18/11/2012 23:16	66.3
15/11/2012 4:06	60.0	16/11/2012 5:11	62.0	17/11/2012 6:16	63.5	18/11/2012 23:21	66.3
15/11/2012 4:11	60.5	16/11/2012 5:16	62.2	17/11/2012 6:21	63.9	18/11/2012 23:26	66.4
15/11/2012 4:16	61.7	16/11/2012 5:21	62.7	17/11/2012 6:26	64.3	18/11/2012 23:31	65.3
15/11/2012 4:21	60.7	16/11/2012 5:26	61.6	17/11/2012 6:31	64.7	18/11/2012 23:36	66.1
15/11/2012 4:26	61.1	16/11/2012 5:31	62.9	17/11/2012 6:36	65.1	18/11/2012 23:41	65.9
15/11/2012 4:31	60.0	16/11/2012 5:36	62.8	17/11/2012 6:41	65.8	18/11/2012 23:46	66.2
15/11/2012 4:36	60.3	16/11/2012 5:41	62.4	17/11/2012 6:46	65.6	18/11/2012 23:51	66.9
15/11/2012 4:41	59.9	16/11/2012 5:46	62.9	17/11/2012 6:51	65.4	18/11/2012 23:56	66.4
15/11/2012 4:46	61.1	16/11/2012 5:51	63.2	17/11/2012 6:56	63.0	19/11/2012 0:01	66.6
15/11/2012 4:51	60.6	16/11/2012 5:56	63.5	17/11/2012 23:01	66.5	19/11/2012 0:06	66.3
15/11/2012 4:56	61.2	16/11/2012 6:01	63.7	17/11/2012 23:06	66.2	19/11/2012 0:11	65.0
15/11/2012 5:01	62.0	16/11/2012 6:06	64.0	17/11/2012 23:11	66.9	19/11/2012 0:16	65.6
15/11/2012 5:06	61.6	16/11/2012 6:11	65.0	17/11/2012 23:16	67.1	19/11/2012 0:21	65.6
15/11/2012 5:11	61.8	16/11/2012 6:16	64.8	17/11/2012 23:21	67.1	19/11/2012 0:26	65.9
15/11/2012 5:16	62.2	16/11/2012 6:21	65.0	17/11/2012 23:26	66.3	19/11/2012 0:31	65.1
15/11/2012 5:21	62.2	16/11/2012 6:26	65.6	17/11/2012 23:31	66.7	19/11/2012 0:36	65.8
15/11/2012 5:26	61.6	16/11/2012 6:31	65.4	17/11/2012 23:36	66.0	19/11/2012 0:41	65.3
15/11/2012 5:31	62.2	16/11/2012 6:36	66.3	17/11/2012 23:41	67.6	19/11/2012 0:46	64.5
15/11/2012 5:36	62.1	16/11/2012 6:41	67.2	17/11/2012 23:46	66.1	19/11/2012 0:51	64.8
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15/11/2012 5:46	62.9	16/11/2012 6:51	66.9	17/11/2012 23:56	66.0	19/11/2012 1:01	64.4
15/11/2012 5:51	62.6	16/11/2012 6:56	67.7	18/11/2012 0:01	65.3	19/11/2012 1:06	63.9
15/11/2012 5:56	62.8	16/11/2012 23:01	65.0	18/11/2012 0:06	66.2	19/11/2012 1:11	63.8
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15/11/2012 6:06	64.5	16/11/2012 23:11	66.0	18/11/2012 0:16	65.7	19/11/2012 1:21	63.7
15/11/2012 6:11	64.4	16/11/2012 23:16	66.6	18/11/2012 0:21	66.2	19/11/2012 1:26	64.1
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15/11/2012 6:36	65.8	16/11/2012 23:41	67.5	18/11/2012 0:46	65.2	19/11/2012 1:51	63.4
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15/11/2012 6:46	66.7	16/11/2012 23:51	67.3	18/11/2012 0:56	64.2	19/11/2012 2:01	62.4
15/11/2012 6:51	67.0	16/11/2012 23:56	65.9	18/11/2012 1:01	64.1	19/11/2012 2:06	63.6
15/11/2012 6:56	67.5	17/11/2012 0:01	65.7	18/11/2012 1:06	64.8	19/11/2012 2:11	63.0
15/11/2012 23:01	66.7	17/11/2012 0:06	66.7	18/11/2012 1:11	64.3	19/11/2012 2:16	63.5
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15/11/2012 23:21	67.3	17/11/2012 0:26	65.1	18/11/2012 1:31	64.3	19/11/2012 2:36	62.8
15/11/2012 23:26	67.0	17/11/2012 0:31	65.5	18/11/2012 1:36	63.5	19/11/2012 2:41	62.7
15/11/2012 23:31	66.6	17/11/2012 0:36	65.2	18/11/2012 1:41	63.7	19/11/2012 2:46	62.9
15/11/2012 23:36	66.0	17/11/2012 0:41	64.4	18/11/2012 1:46	63.4	19/11/2012 2:51	61.8
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16/11/2012 0:41	65.2	17/11/2012 1:46	62.6	18/11/2012 2:51	61.4	19/11/2012 3:56	61.7
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16/11/2012 0:56	64.7	17/11/2012 2:01	63.3	18/11/2012 3:06	62.1	20/11/2012 4:11	61.5
16/11/2012 1:01	64.5	17/11/2012 2:06	63.2	18/11/2012 3:11	61.5	20/11/2012 4:16	61.8
16/11/2012 1:06	64.7	17/11/2012 2:11	61.8	18/11/2012 3:16	61.5	20/11/2012 4:21	60.2

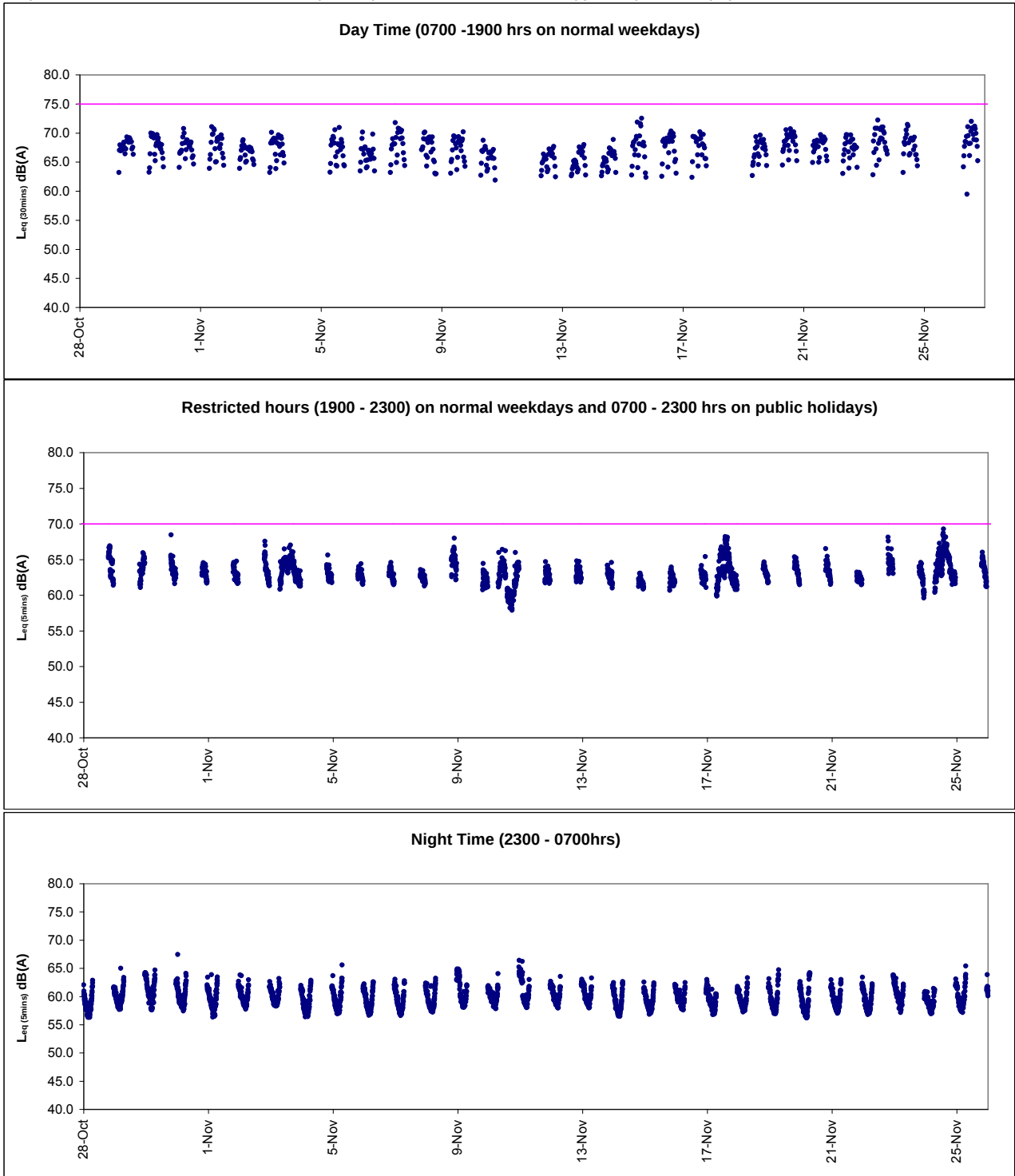
Real-time Noise Data	RTN3 (Po Leung Kuk Yu Lee Mo Fan Memorial School)							
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21/11/2012 23:21 68.5	23/11/2012 0:26 66.5	24/11/2012 1:31 66.9	25/11/2012 2:36 65.2	26/11/2012 3:41 60.7	27/11/2012 4:46 63.1			
21/11/2012 23:26 69.0	23/11/2012 0:31 67.1	24/11/2012 1:36 65.8	25/11/2012 2:41 65.9	26/11/2012 3:46 60.7	27/11/2012 4:51 63.5			
21/11/2012 23:31 68.8	23/11/2012 0:36 66.5	24/11/2012 1:41 66.3	25/11/2012 2:46 66.0	26/11/2012 3:51 62.5	27/11/2012 4:56 63.2			
21/11/2012 23:36 68.8	23/11/2012 0:41 65.5	24/11/2012 1:46 66.1	25/11/2012 2:51 65.3	26/11/2012 3:56 59.8	27/11/2012 5:01 62.9			
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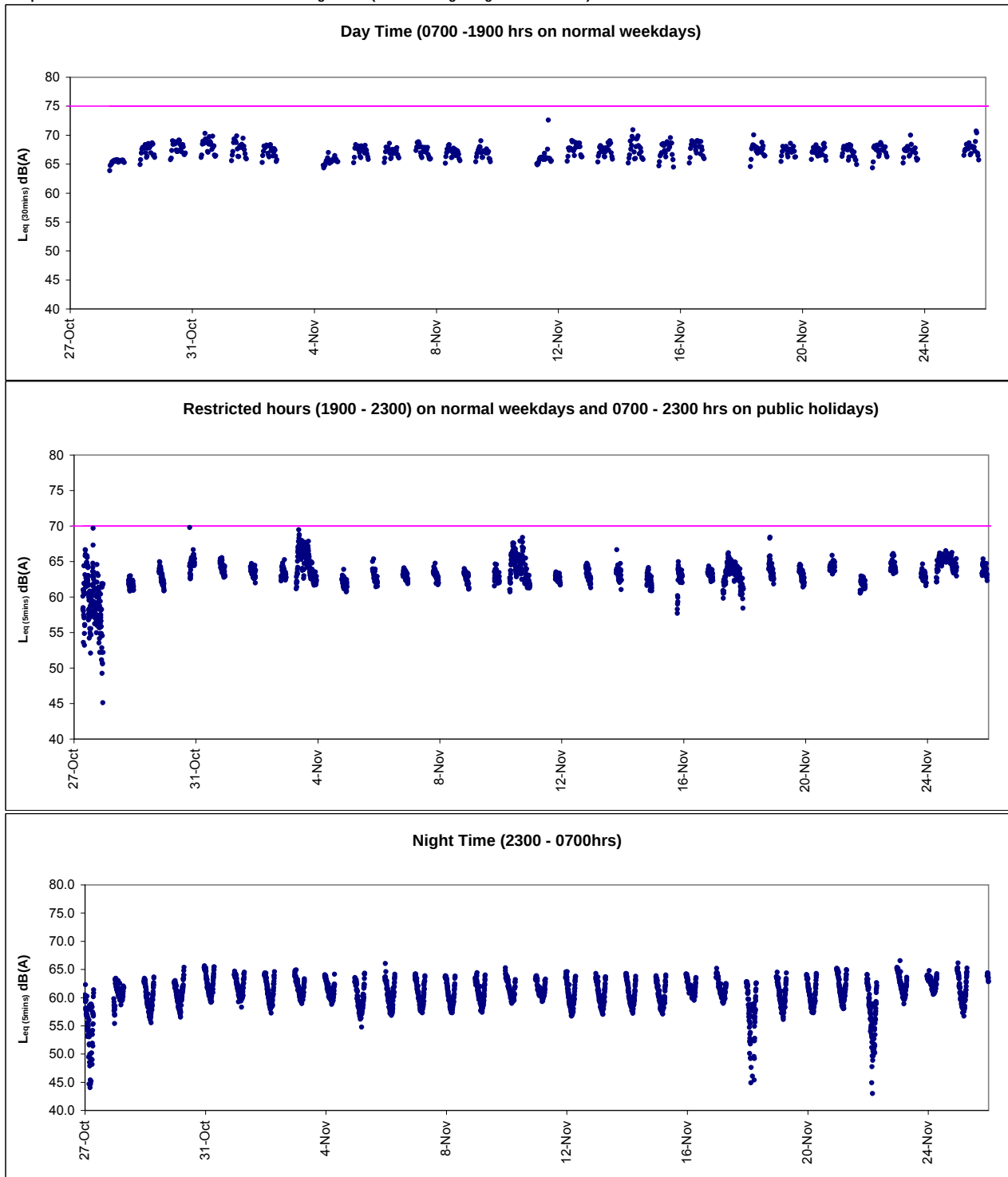
Contract no. HK/2011/07

Wanchai Development Phase II and Central Wanchai Bypass
Sampling, Field Measurement and Testing Works (Stage 2)

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)





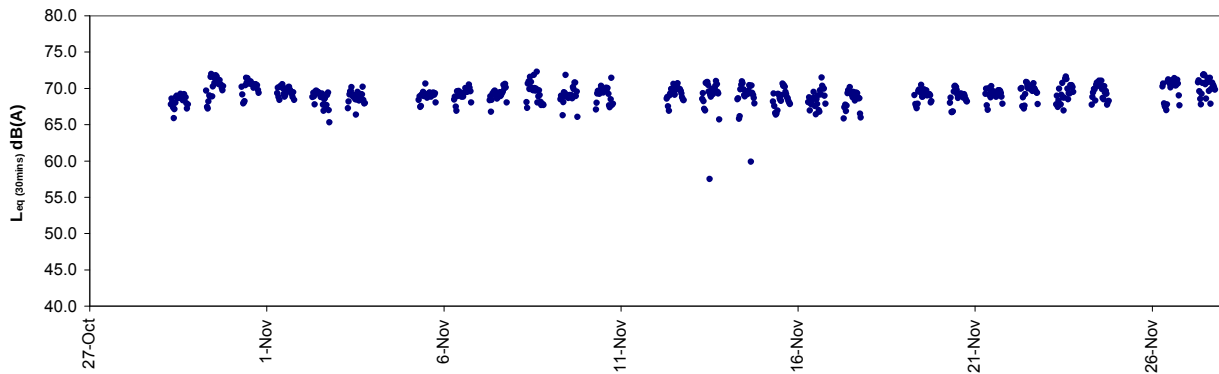
Contract no. HK/2011/07

Wanchai Development Phase II and Central Wanchai Bypass

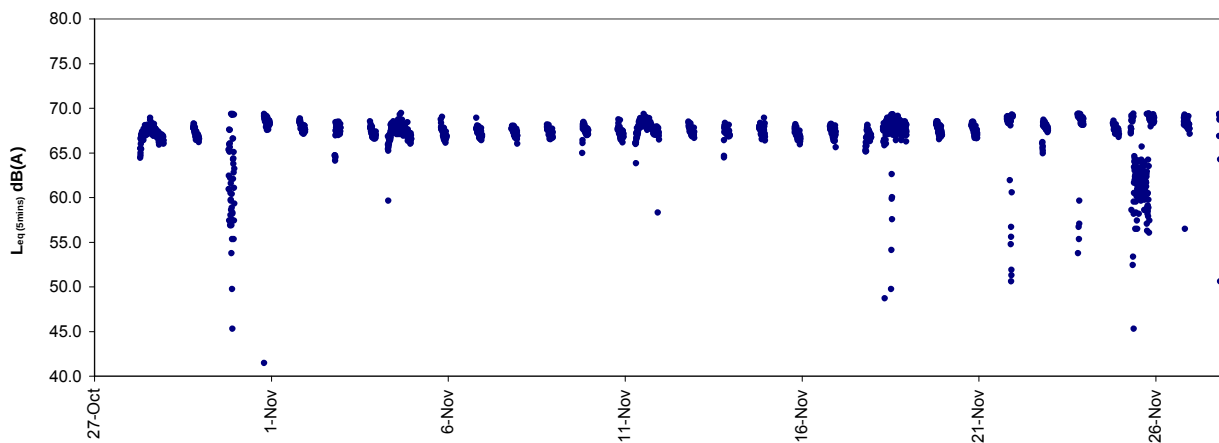
Sampling, Field Measurement and Testing Works (Stage 2)

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

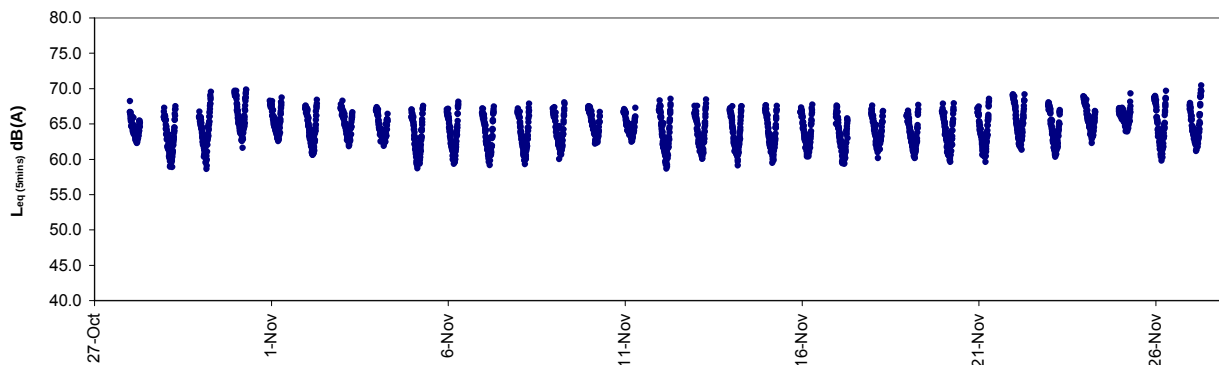
Day Time (0700 -1900 hrs on normal weekdays)



Restricted hours (1900 - 2300) on normal weekdays and 0700 - 2300 hrs on public holidays)



Night Time (2300 - 0700hrs)





Appendix 6.1

Event Action Plans



Event/Action Plan for Construction Noise

EVENT	ACTION			
	ET	IEC	ER	CONTRACTOR
Action Level being exceeded	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. (The above actions should be taken within 2 working days after the exceedance is identified)	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. (The above actions should be taken within 2 working days after the exceedance is identified)	1. Confirm receipt of notification of failure in writing; 2. Notify Contractor; 3. In consolidation with the IEC, agree with the Contractor on the remedial measures to be implemented; 4. Supervise the implementation of remedial measures. (The above actions should be taken within 2 working days after the exceedance is identified)	1. Submit noise mitigation proposals to IEC and ER; 2. Implement noise mitigation proposals. (The above actions should be taken within 2 working days after the exceedance is identified)



EVENT	ACTION			
	ET	IEC	ER	CONTRACTOR
Limit Level being exceeded	1. Inform IEC, ER, Contractor and EPD; 2. Repeat measurements to confirm findings; 3. Increase monitoring frequency; 4. Identify source and investigate the cause of exceedance; 5. Carry out analysis of Contractor's working procedures; 6. Discuss with the IEC, Contractor and ER on remedial measures required; 7. Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and ER informed of the results; 8. If exceedance stops, cease additional monitoring. (The above actions should be taken within 2 working days after the exceedance is identified)	1. Discuss amongst ER, ET, and Contractor on the potential remedial actions; 2. Review Contractor's remedial actions whenever necessary to assure their effectiveness and advise the ER accordingly. (The above actions should be taken within 2 working days after the exceedance is identified)	1. Confirm receipt of notification of failure in writing; 2. Notify Contractor; 3. In consolidation with the IEC, agree with the Contractor on the remedial measures to be implemented; 4. Supervise the implementation of remedial measures; 5. If exceedance continues, consider stopping the Contractor to continue working on that portion of work which causes the exceedance until the exceedance is abated. (The above actions should be taken within 2 working days after the exceedance is identified)	1. Take immediate action to avoid further exceedance; 2. Submit proposals for remedial actions to IEC and ER within 3 working days of notification; 3. Implement the agreed proposals; 4. Submit further proposal if problem still not under control; 5. Stop the relevant portion of works as instructed by the ER until the exceedance is abated. (The above actions should be taken within 2 working days after the exceedance is identified)

**Event / Action Plan for Construction Air Quality**

EVENT	ACTION			
	ET	IEC	ER	CONTRACTOR
ACTION LEVEL				
1. Exceedance for one sample	1. Identify source, investigate the causes of exceedance and propose remedial measures; Inform IEC and ER; 2. Repeat measurement to confirm finding; 3. Increase monitoring frequency to daily. (The above actions should be taken within 2 working days after the exceedance is identified)	1. Check monitoring data submitted by ET; 2. Check Contractor's working method. (The above actions should be taken within 2 working days after the exceedance is identified)	1. Notify Contractor. (The above actions should be taken within 2 working days after the exceedance is identified)	1. Rectify any unacceptable practice; 2. Amend working methods if appropriate. (The above actions should be taken within 2 working days after the exceedance is identified)
2. Exceedance for two or more consecutive samples	1. Identify source; 2. Inform IEC and ER; 3. Advise the ER on the effectiveness of the proposed remedial measures; 4. Repeat measurements to confirm findings; 5. Increase monitoring frequency to daily; 6. Discuss with IEC and Contractor on remedial actions required; 7. If exceedance continues, arrange meeting with IEC and ER; 8. If exceedance stops, cease additional monitoring. (The above actions should be taken within 2 working days after the exceedance is identified)	1. Check monitoring data submitted by ET; 2. Check Contractor's working method; 3. Discuss with ET and Contractor on possible remedial measures; 4. Advise the ER on the effectiveness of the proposed remedial measures; 5. Supervise Implementation of remedial measures. (The above actions should be taken within 2 working days after the exceedance is identified)	1. Confirm receipt of notification of failure in writing; 2. Notify Contractor; 3. Ensure remedial measures properly implemented. (The above actions should be taken within 2 working days after the exceedance is identified)	1. Submit proposals for remedial to ER within 3 working days of notification; 2. Implement the agreed proposals; 3. Amend proposal if appropriate. (The above actions should be taken within 2 working days after the exceedance is identified)
LIMIT LEVEL				
1. Exceedance for one sample	1. Identify source, investigate the causes of exceedance and propose remedial measures; Inform ER, Contractor and EPD; 2. Repeat measurement to confirm finding; 3. Increase monitoring frequency to daily; 4. Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and ER informed of the results. (The above actions should be taken within 2 working days after the exceedance is identified)	1. Check monitoring data submitted by ET; 2. Check Contractor's working method; 3. Discuss with ET and Contractor on possible remedial measures; 4. Advise the ER on the effectiveness of the proposed remedial measures; 5. Supervise implementation of remedial measures. (The above actions should be taken within 2 working days after the exceedance is identified)	1. Confirm receipt of notification of failure in writing; 2. Notify Contractor; 3. Ensure remedial measures properly implemented. (The above actions should be taken within 2 working days after the exceedance is identified)	1. Take immediate action to avoid further exceedance; 2. Submit proposals for remedial actions to IEC within 3 working days of notification; 3. Implement the agreed proposals; 4. Amend proposal if appropriate. (The above actions should be taken within 2 working days after the exceedance is identified)
2. Exceedance for two or more consecutive samples	1. Notify IEC, ER, Contractor and EPD; 2. Identify source; 3. Repeat measurement to confirm findings; 4. Increase monitoring frequency to daily; 5. Carry out analysis of Contractor's working procedures to determine possible mitigation to be implemented; 6. Arrange meeting with IEC and ER to discuss the remedial actions to be taken; 7. Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and ER informed of the results; 8. If exceedance stops, cease additional monitoring. (The above actions should be taken within 2 working days after the exceedance is identified)	1. Discuss amongst ER, ET, and Contractor on the potential remedial actions; 2. Review Contractor's remedial actions whenever necessary to assure their effectiveness and advise the ER accordingly; 3. Supervise the implementation of remedial measures.	1. Confirm receipt of notification of failure in writing; 2. Notify Contractor; 3. In consolidation with the IEC, agree with the Contractor on the remedial measures to be implemented; 4. Ensure remedial measures properly implemented; 5. If exceedance continues, consider what portion of the work is responsible and instruct the Contractor to stop that portion of work until the exceedance is abated. (The above actions should be taken within 2 working days after the exceedance is identified)	1. Take immediate action to avoid further exceedance; 2. Submit proposals for remedial actions to IEC within 3 working days of notification; 3. Implement the agreed proposals; 4. Resubmit proposals if problem still not under control; 5. Stop the relevant portion of works as determined by the ER until the exceedance is abated. (The above actions should be taken within 2 working days after the exceedance is identified)



Appendix 6.2

Summary for Notification of Exceedance



Ref. No.	Date	Time	Location	Construction Noise Level	Unit	Action Level	Limit Level	Follow-up action
X_10N102	1-Nov-12	15:00	M6 - HK baptist Church henrietta Secondary School	72	Leq(30-min)	when one documented complaint was received.	70	Possible reason: Socketed H-piling activities and traffic nearby were observed during monitoring. Traffic noise contributed as a major noise source during monitoring. Action taken / to be taken: Reviewed the trend of noise measurement results and analysis of contractor's working procedure. Review the baseline noise level at this monitoring station. Remarks / Other Obs: Although socketed H-piling activities for Contract no. HY/2009/19 were conducted during the measurement, it was observed that traffic noise was a major noise source during monitoring. It is concluded that the exceedance is not due to project but to traffic noise nearby.
X_10N103	6-Nov-12	15:00	M6 - HK baptist Church henrietta Secondary School	72	Leq(30-min)	when one documented complaint was received.	70	Possible reason: Socketed H-piling activities and traffic nearby were observed during monitoring. Traffic noise contributed as a major noise source during monitoring. Action taken / to be taken: Reviewed the trend of noise measurement results and analysis of contractor's working procedure. Review the baseline noise level at this monitoring station. Remarks / Other Obs: Although socketed H-piling activities for Contract no. HY/2009/19 were conducted during the measurement, it was observed that traffic noise was a major noise source during monitoring. It is concluded that the exceedance is not due to project but to traffic noise nearby.



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 IECon 29 August 2011. Inspection report of it was submitted to RSS on 19 September 2011. 5) Daily cleaning near the water intake was conducted twice a day by contractor HY/2009/19. 6) In response to City Garden request, the contractors have set up the temporary garbage defender in function and collect the floating refuses, but cannot eliminate all refuses, in particular the refuse come from sea bed from entering the intake. 6) According to the complaint letter from Cayley Property, the outcomes of the preventive measures were not complying with their expectation. 7) During on-site inspection, floating refuses observed	Closed



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.	- 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	1) According to the information reported by Contractor, one BC cutter and hoist were operated for Diaphragm Wall construction of Shatin-Central Link to inspect bentonite pipes and ensure no damages and all the joints are tightened in good position. Then, the subcontractor for Diaphragm wall, SAMBO Korean foreman stopped the engine of the BC cutter immediately. The police officer recorded the details and HKID number of the foreman and then left. Due to the different language communication between the police officer and the Korean foreman, no CNP was checked by the police officer. 2) ET confirmed with the Resident Site Staff that same issue was also raised out by RSS at about 7:00a.m on the same day. Besides, it was confirmed that there is no valid Construction Noise Permit for the conducted construction works in the period between 2300 and 0700. 3) Due to insufficient communication between Contractor HK/2009/01 and their Korean Sub-contractor, Korean Sub-contractor had not notified to Contractor before carrying out the inspection of the BC cutter, hoists and	Closed



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



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					CWB project to the complainant and she was satisfied on the arrangement and no further complaint was received after that.	
111230	30/12/2011	Residents of Harbour Heights	North Point	Construction air and noise nuisance generated by construction vehicles were found parked illegally at King Wah Road and lining up at Oil Street without the engine turning off.	1) RSS notified ET on 6 January 2011. 2) ET confirmed with the Resident Site Staff that a number of construction activities are concurrently proceeding in the vicinity of Oil Street, King Wah Street and a private development project in King Wah Street 3) The dominant construction air and noise nuisances were emitted by the trucks along Oil Street and King Wah Road, however, this is the public road for all vehicles. Reviewing the results of air quality monitoring station (CMA1b) and noise monitoring (M4b). No exceedance was recorded during this period. Site inspections for HY/2009/19 were conducted on 4 January 2012. The condition of the site access at Oil Street and the public road nearby were found satisfactory. It is noted that HyD also allow and encourage their contractors to maximize the use of marine access, where available, to work sites, so as to minimize burdening nearby public roads. When land trips are unavoidable, they require contractors to tidy up their construction vehicles before leaving works sites. No contractor under CWB project parked their vehicles illegally at King Wah Street, and HyD still reminded them not to commit such offence. 4) According to HyD's staff replied the complaint letter on 10 January 2012, there is a private development project under construction at King Wah Road. To access these works sites, construction vehicles have to use public roads nearby. No further complaint received after HyD's reply.	Closed
120118	18/01/2012	N/A	North Point	A complaint regarding a tree located in front of Victoria Centre under IECL was covered by one meter mud without any protection. The complainant concerns the health of the tree in such condition.	1) RSS notified ET on 20 January 2012. 2) ET confirmed with the Resident Site Staff that The tree is inside the site area of HY/2009/19 and The Botanical name of the tree is Ficus superba var. japonica and the I.D. of the tree is UT48 3) According to the information provided by RSS on 20 Jan 2012, the tree shall be felled that has been approved by DLO on 29 August 2011. Moreover, the tree was felled	Closed



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					by contractor on 19 January 2012. 4) No further complaint received after HyD's reply.	
120305	03/03/2012	Resident of Harbour Heights complained via hotline 1823 (ICC Ref. No.: ICC#1-344632511)	North Point	A complaint regarding excessive noise from construction sites of CWB was observed outside Harbour Heights from Monday to Saturday before 8am. The plants were frequently turned on before 7:30am creating nuisance. The complainant requested a speedy follow-up and reply from relevant department.	1) RSS notified ET on 5 March 2012. 2) ET confirmed with the Resident Site Staff that PME for diaphragm wall construction started to operate at about 7:30am whilst the other PME, including those for land bored piling work, started to operate after 8am. 3) After reviewing the results of noise monitoring (M4b), no exceedance was recorded during daytime period and the noise level were below 75dB(A). Site inspection for HY/2009/19 was conducted on 7 March 2012. The condition of noise mitigation measures near Harbour Heights was found satisfactory. RSS confirmed that no operation was active before 7:00am everyday. The suspected nuisance was to be considered caused by the PME for diaphragm wall construction. A surprise check was performed on 13 March 2012 by RSS. It was found that no noisy PME was in operation by Contractor of HY/2009/19 before 8am, and the construction noise level was minimal and not disturbing. The noise level and operation time both complied with statutory requirements set up in NCO. 4) Complainant called ICC on 8 March 2012 to confirm HyD has provided a response. No further complaint was received after the response.	Closed
120405	05/04/2012	N/A	North Point	A complaint regarding excessive noise from construction sites of CBTS was observed daily before 7:30am except on public holidays, and the noise source was mainly from piling works. The complainant requested that construction works should start after 8:30am to avoid nuisance to nearby residents and a speedy follow-up and reply.	1) RSS notified ET on 5 April 2012. 2) ET confirmed with the Resident Site Staff that no piling works were performed during the concerned period. 3) After reviewing the results of noise monitoring (M2b and M3a), no exceedance was recorded during daytime period and the noise level was below 75dB(A). Site inspection for HY/2009/15 was conducted on 10 April 2012. The condition of noise mitigation measures around CBTS was found satisfactory. RSS confirmed that no pilings were performed during the concerned period. The major works included drilling, diaphragm wall construction and excavations. 4) HyD made a reply to the complainant on 16 April	Closed



Complaint Log No.	Date of Complaint	Received From and Received By	Location of Complainant	Nature of Complaint	Outcome	Status
					2012 via 1823. HyD replied that the current works at CBTS were drilling, diaphragm wall construction and deep excavations. In order to minimize the noise generated from the above works, the Contractor had erected temporary noise barriers and provided noise blankets on plants. RSS would continue to work with the Contractor on the effectiveness of the environmental mitigation measures implemented on site. No further complaint was received after the response.	
120415	15/04/2012	The complainant Ms. Law, resident of Fu Lee Loy Mansion, complained via hotline 1823 (ICC Ref. No.: 1-351021108)	North Point	A complaint regarding excessive noise generated from a HyD project that is located at the connection point of CWB and IEC affecting nearby residents. Lately during the middle of the night (around 00:00 to 05:00), low frequency noise, which possibly came from the operating power generator and the barges which were parked along the Oil Street work site, were making a nuisance to the complainant and residents nearby. The complainant requested that relevant department should follow-up.	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



Appendix 10.1

Construction Programme of Individual Contracts

Activity Name	Original Duration	Planned Start	Planned Finish	2011				2012				2013				2014				2015				2016
				Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	
HY/2009/15 - CWB TUNNEL (CBTS SECTION)																								
SUBMISSIONS COMPLYING WITH EPs																								
EM&A Manual (rely on the Master EP's submission EP-364/2009/A Condition 2.5)																								
Baseline Monitoring Report (rely on the Master EP's submission EP-364/2009 Condition 3.3)																								
Monthly EM&A (rely on the masters EP's Submission, EP-364/2009/A Condition 3.4)																								
A dedicated website (rely on the master EP's submission, EP-364/2009/A Condition 4.2)																								
Management organization of main construction companies (FEP Condition 2.6)	1d	02-Oct-10	02-Oct-10																					
Work Schedule (FEP Condition 2.7)	1d	27-Oct-10	27-Oct-10																					
Location Plan (FEP Condition 2.8)	1d	27-Oct-10	27-Oct-10																					
Noise Management plan (FEP Condition 2.9)	1d	27-Oct-10	27-Oct-10																					
Landscape plan (FEP condition 2.10)	1d	31-Jan-11	31-Jan-11																					
EAST VENTILATION ADIT																								
CCT @ Portion 1, 2, 4, 6, 22	1315d	27-Sep-10	03-May-14	CCT @ Portion 1, 2, 4, 6, 22																				
EV Adit @ Portion 4-Advance Works	526d	27-Sep-10	05-Mar-12	EV Adit @ Portion 4-Advance Works																				
EV Adit Portion 1, 2, 6, 22	26d	22-Dec-11	16-Jan-12	EV Adit Portion 1, 2, 6, 22																				
EV Adit-based on Conforming Design	323d	15-Feb-12	02-Jan-13	EV Adit-based on Conforming Design																				
TCBR1E (TS1 Area)																								
Diaphragm Wall Construction (incl. SI, & tests after completion)	107d	26-Apr-11	10-Aug-11	Diaphragm Wall Construction (incl. SI, & tests after completion)																				
Excavation & Lateral Support, ELS	99d	16-Jul-11	22-Oct-11	Excavation & Lateral Support, ELS																				
Cut & Cover Tunnel Construction (incl. backfill)	78d	22-Oct-11	07-Jan-12	Cut & Cover Tunnel Construction (incl. backfill)																				
OHVD and Cable Trough (access from Portion 22)	76d	18-Dec-13	03-Mar-14	OHVD and Cable Trough (access from Portion 22)																				
TCBR2 + TCBR3 (TS2 Area)																								
Diaphragm Wall Construction	118d	06-Jul-12	31-Oct-12	Diaphragm Wall Construction																				
Excavation & Lateral Support, ELS	248d	06-Jul-12	10-Mar-13	Excavation & Lateral Support, ELS																				
Cut & Cover Tunnel Construction	164d	11-Mar-13	21-Aug-13	Cut & Cover Tunnel Construction																				
OHVD Cable Trough (Access from Portion 22)	150d	05-Aug-13	01-Jan-14	OHVD Cable Trough (Access from Portion 22)																				
TCBR1W (TS4 Area)																								
Diaphragm Wall Construction	148d	28-Jun-11	22-Nov-11	Diaphragm Wall Construction																				
Excavation & Lateral Support, ELS	319d	28-Jun-11	11-May-12	Excavation & Lateral Support, ELS																				
Landing Steps - Demolition/Reconstruct as footpath.	40d	28-Jun-11	23-Aug-11	Landing Steps - Demolition/Reconstruct as footpath																				

Milestone

Milestone

Remaining Work

Critical Remaining Work

Actual Work

1 of 2

China State Construction Engineering (Hong Kong) Ltd.

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

(CBTS Section)

Prepared by William Caluza

Date

Revision

Checked

Approved

14-Mar-11

Revision C

ST

KL

File: 0001a

(Layout:HY/2009/15: CWB - Summary)

中國建築工程(香港)有限公司

CHINA STATE CONSTRUCTION ENGINEERING (HONG KONG) LTD

Activity Name	Original Duration	Planned Start	Planned Finish	2011	2012	2013	2014	2015	2016
Rock Excavation	235d	25-Apr-12	15-Dec-12						
ME4-Diaphragm Wall	114d	10-May-12	19-Oct-12						
AS Logistics Area for Mined Tunneling Works	174d	01-Jun-12	07-Feb-13						
ME4-ELS Works	212d	01-Jun-12	02-Apr-13						
SCL Entrusted Works	291d	18-Jul-12	08-Sep-13						
Cut & Cover Tunnel Construction (w/o TS4 +)	111d	17-Dec-12	06-Apr-13						
ME4-RC Structure	146d	28-Jan-13	21-Aug-13						
OHVD and Cable Trough (Access from TZ5/TPCWAE/TPCWAW)	180d	17-Jun-13	13-Dec-13						
MINED TUNNEL									
CHT Protection Works @ location A, B, C	342d	27-Sep-10	01-Feb-12						
Tunnel works from West Portal (access from TPCWAE& TZ5)	418d	12-Mar-12	30-Oct-13						
Tunnel Works from East Portal (Access from TS4 Area)	214d	30-Mar-12	01-Feb-13						
Tunnel OHVD & Cable Trough	384d	02-Dec-13	22-May-15						
TPCWAE									
Drainage Diversion works along Hung Hing Road (Portion 19)	176d	15-Oct-10	24-Jun-11						
Diaphragm Wall Construction	147d	20-May-11	13-Oct-11						
Excavation & Lateral Support, ELS	421d	20-May-11	13-Jul-12						
Rock Excavation	206d	12-Mar-12	03-Oct-12						
AS Logistics Area for Mined Tunneling works	342d	12-May-12	18-Apr-13						
Cut & Cover Tunnel Construction	130d	28-Jan-13	06-Jun-13						
OHVD and Cable Trough (Access from TZ5/TPCWAW)	182d	18-Feb-15	18-Aug-15						
TPCWAW & PORTION 11									
Diaphragm Wall Construction + Portion 11	222d	25-Oct-13	03-Jun-14						
Excavation & Lateral Support, ELS	478d	25-Oct-13	14-Feb-15						
Cut & Cover Tunnel Construction	143d	30-Dec-14	21-May-15						
OHVD and Cable Trough Installation (Access from Portion 11)	236d	22-May-15	11-Jan-16						

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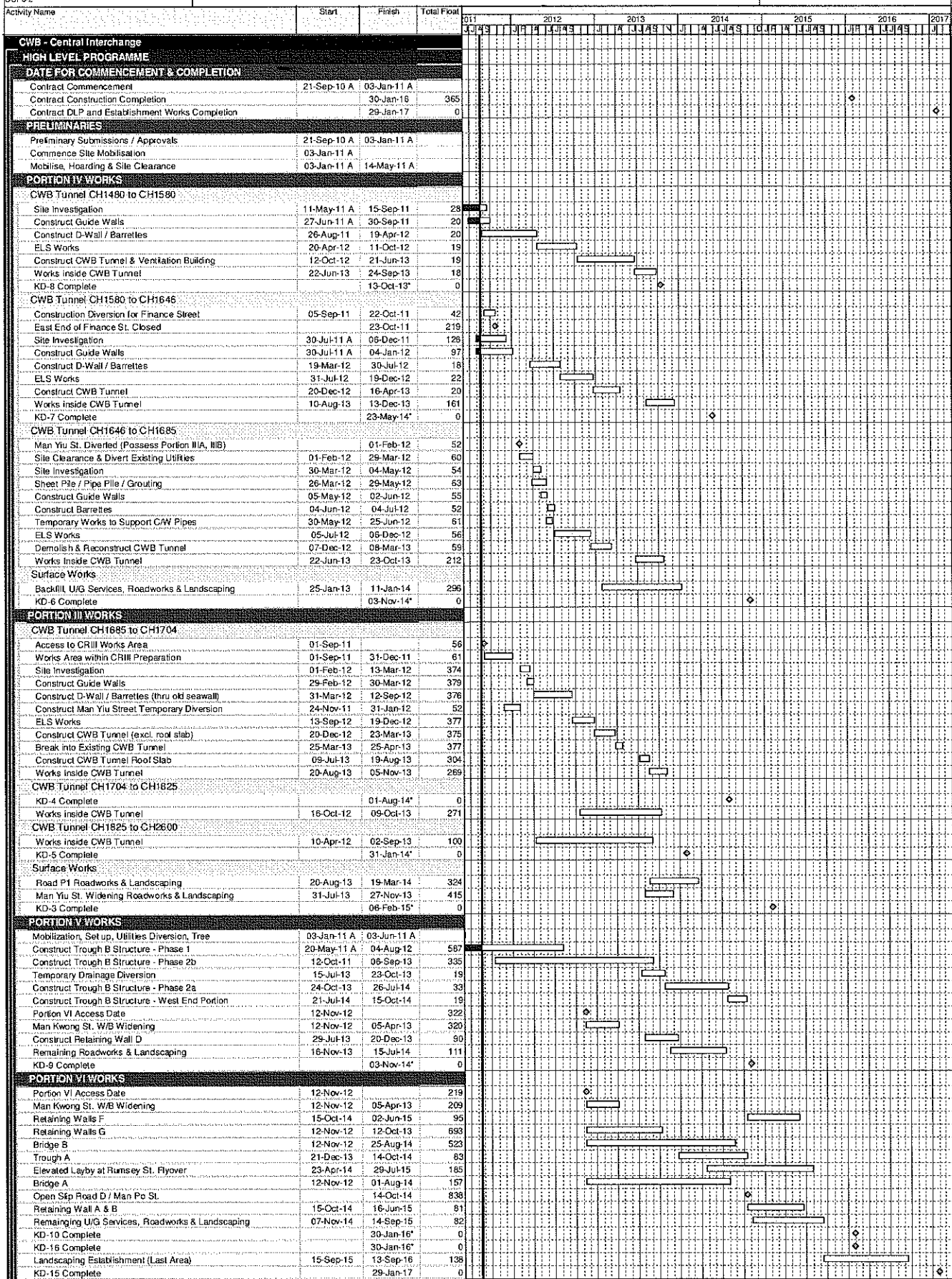
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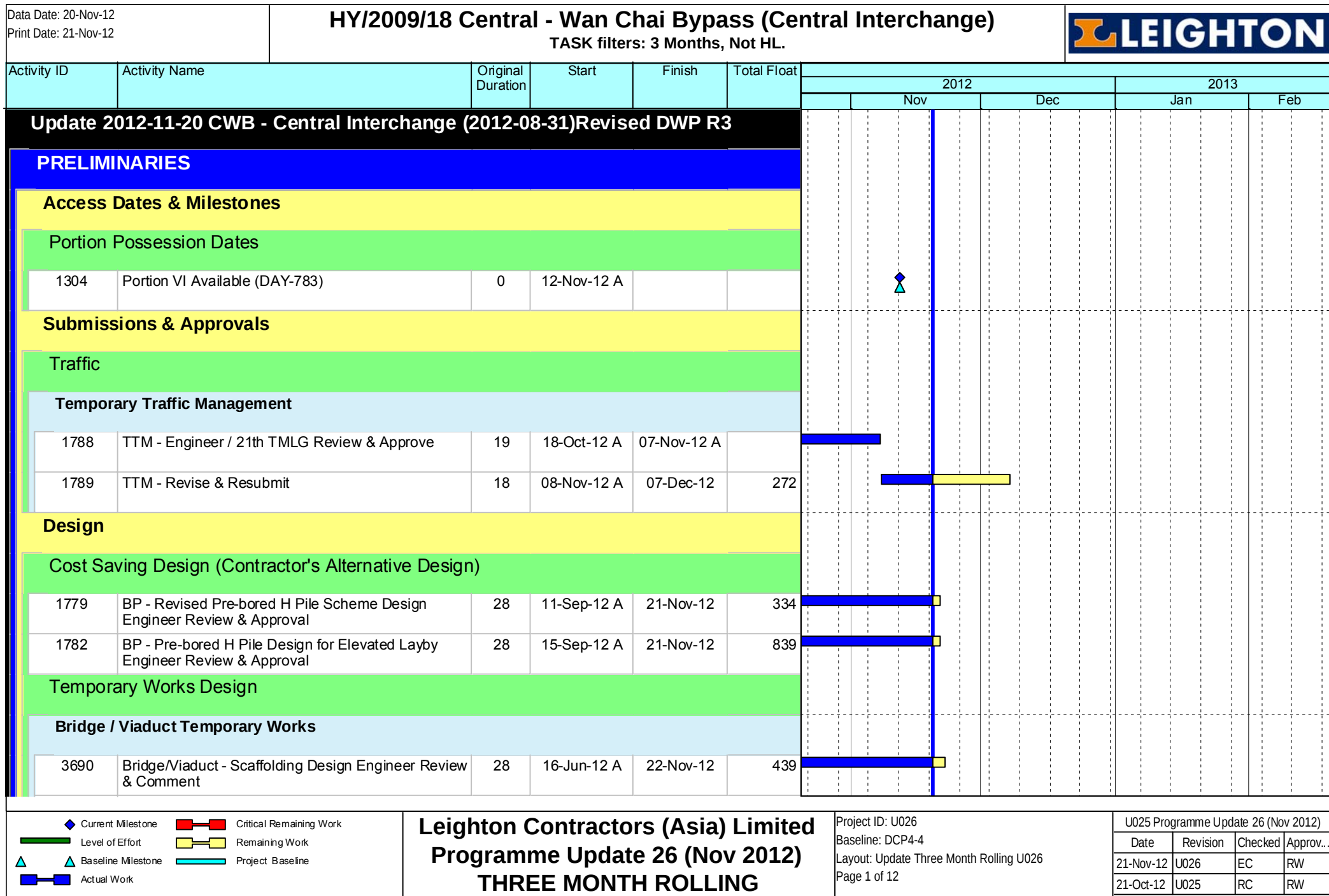
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Date: 20-Aug-11
Print Date: 29-Aug-11
DCP3-2

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

TASK filter: HL

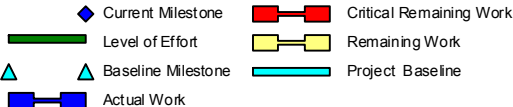




Data Date: 20-Nov-12
Print Date: 21-Nov-12

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

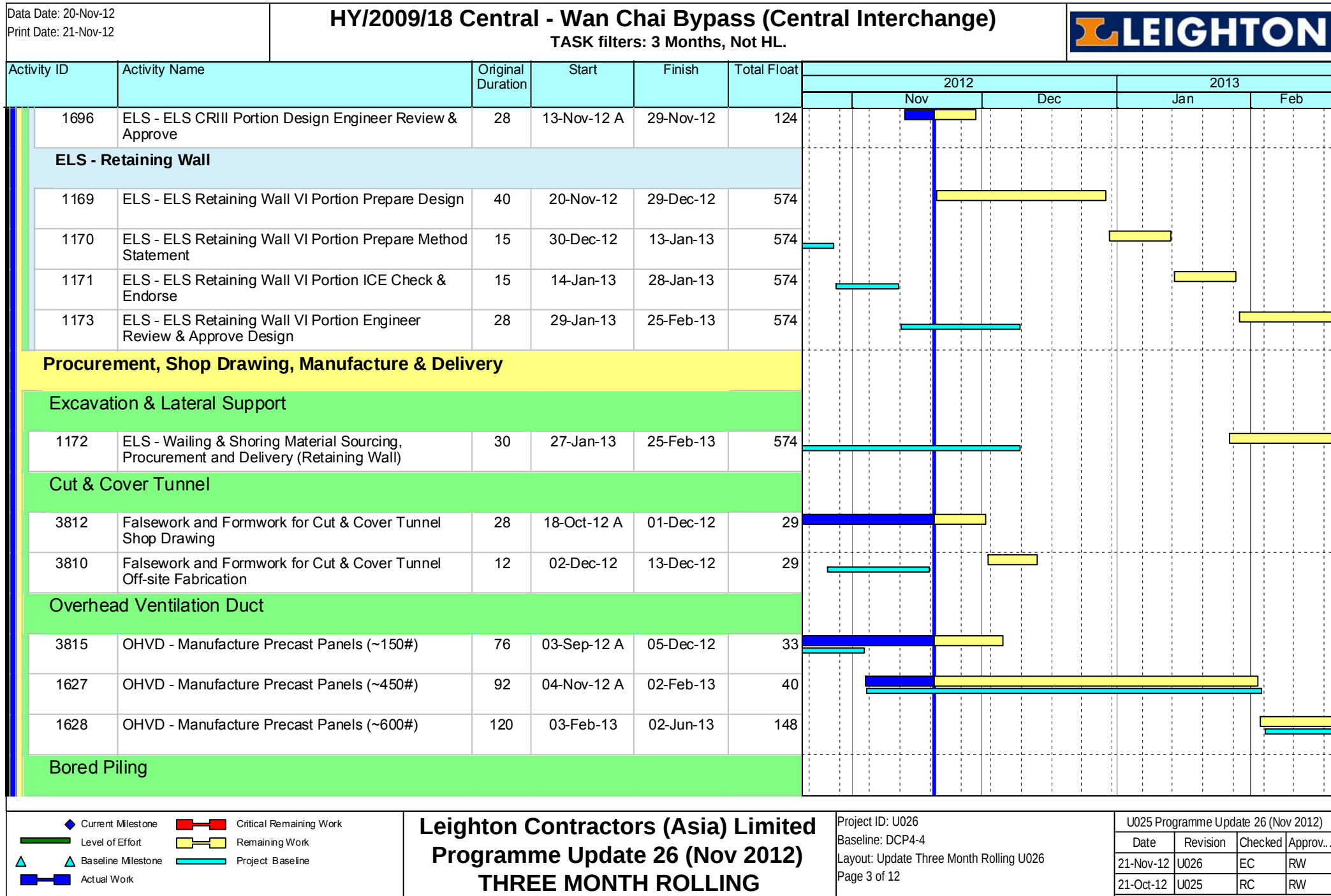
TASK filters: 3 Months, Not HL.

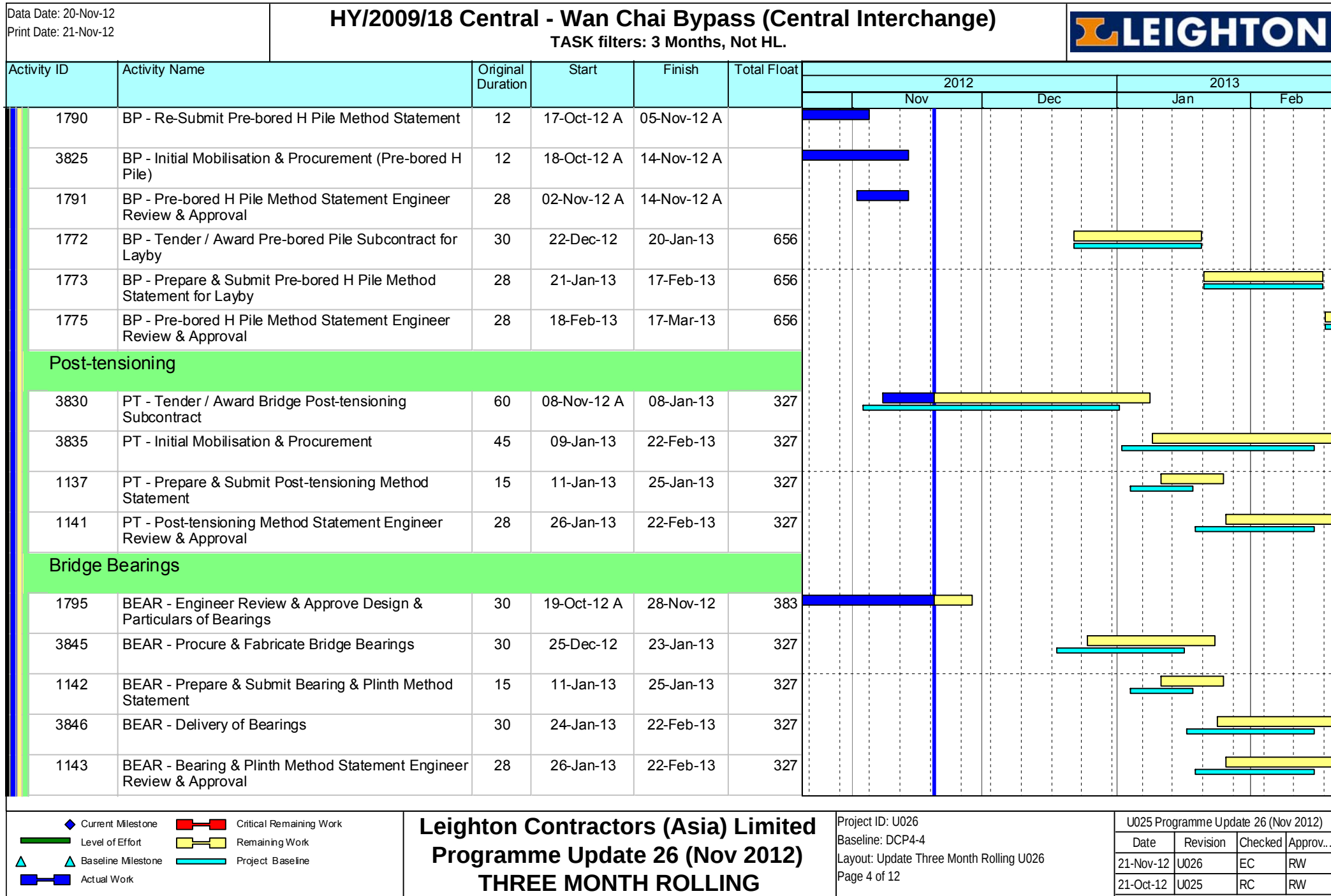
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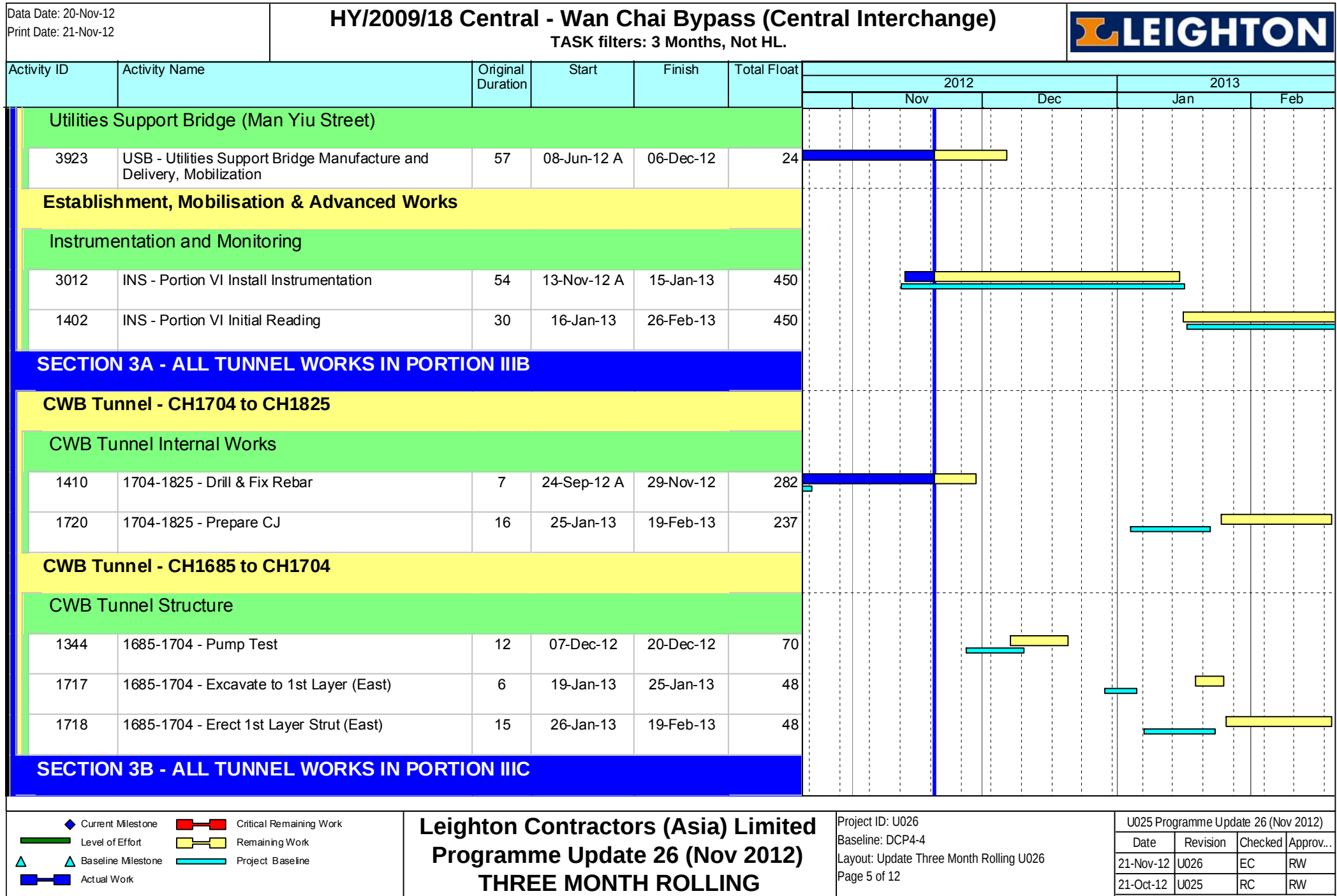
Leighton Contractors (Asia) Limited
Programme Update 26 (Nov 2012)
THREE MONTH ROLLING

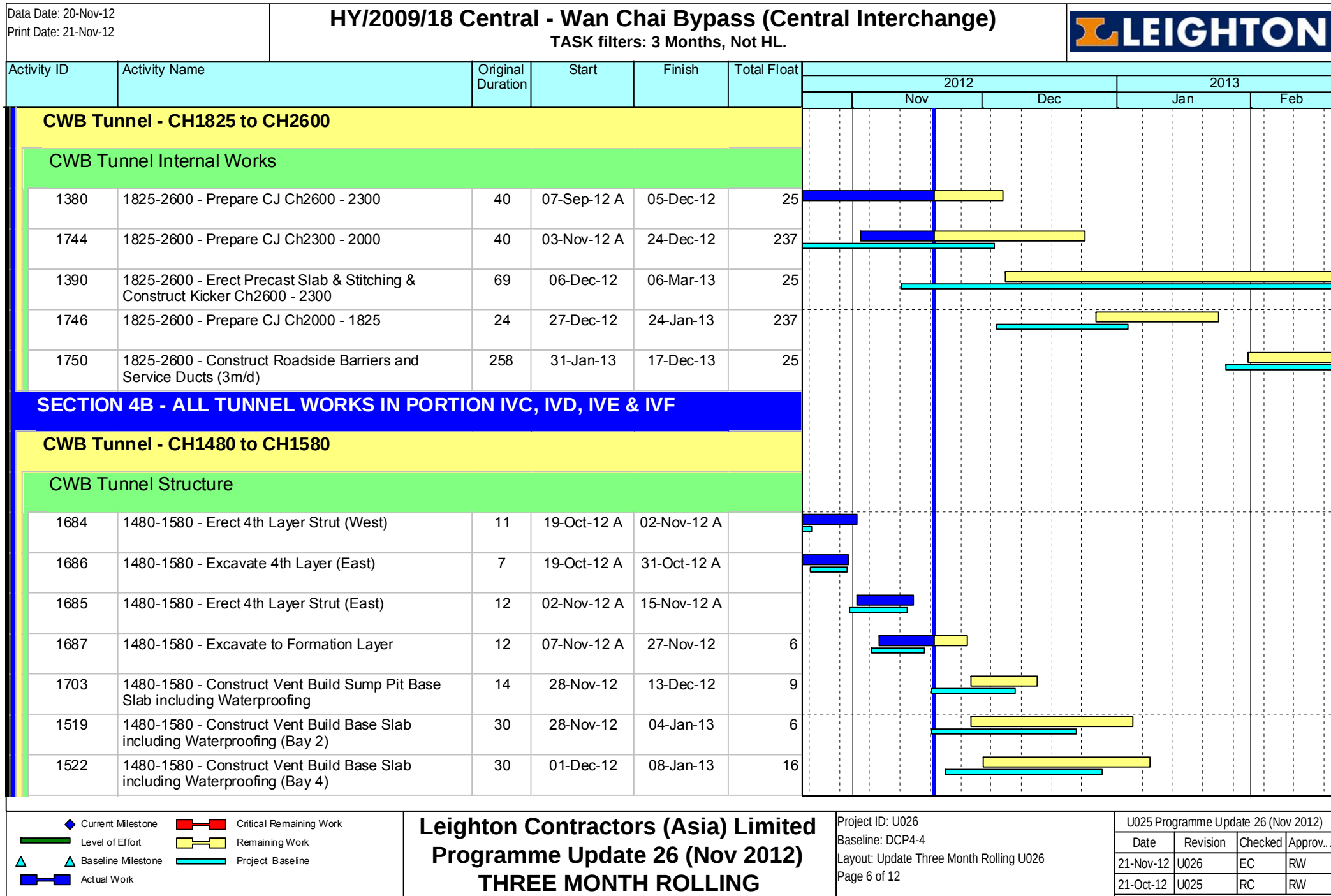
Project ID: U026
Baseline: DCP4-4
Layout: Update Three Month Rolling U026
Page 2 of 12

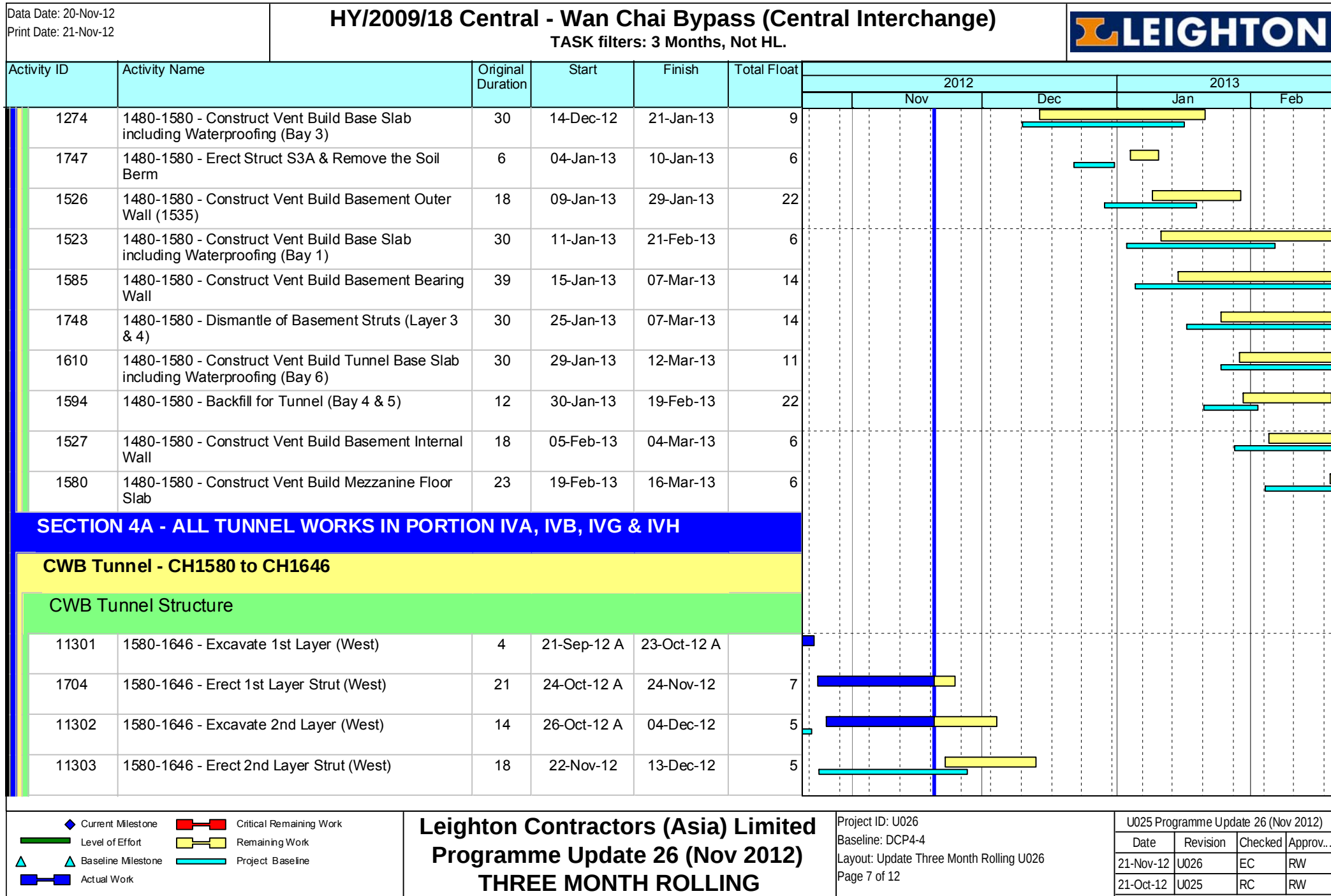
U025 Programme Update 26 (Nov 2012)			
Date	Revision	Checked	Approv...
21-Nov-12	U026	EC	RW
21-Oct-12	U025	RC	RW

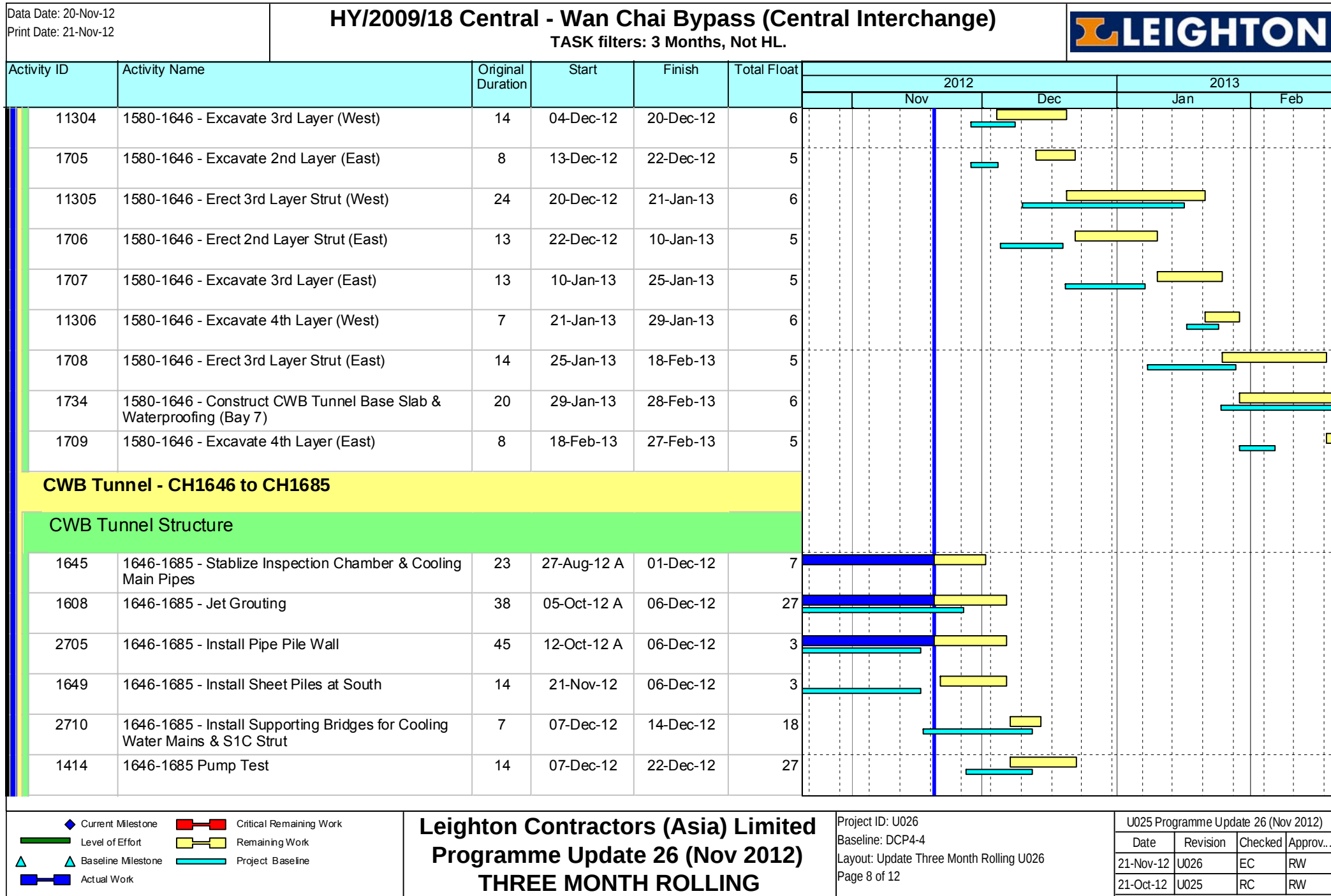












HY/2009/18 Central - Wan Chai Bypass (Central Interchange)

TASK filters: 3 Months, Not HL.



Activity ID	Activity Name	Original Duration	Start	Finish	Total Float					
						2012			2013	
							Nov	Dec	Jan	Feb
1710	1646-1685 - Excavate to 1st Layer (West) 1634-1650	6	07-Dec-12	13-Dec-12	27					
1644	1646-1685 - Excavate to S1B Layer East & West (+4.5mPD)	12	07-Dec-12	20-Dec-12	3					
11480	1646-1685 - Demolish Existing Roof Slab at East & West	20	10-Dec-12	04-Jan-13	3					
1711	1646-1685 - Erect 1st Layer Strut (West) 1634-1650	15	14-Dec-12	03-Jan-13	27					
1712	1646-1685 - Excavate to 2nd Layer (West) 1634-1650	6	04-Jan-13	10-Jan-13	27					
11400	1646-1685 - Excavate to S1B Layer	12	05-Jan-13	18-Jan-13	3					
1713	1646-1685 - Erect 2nd Layer Strut (West) 1634-1650	15	11-Jan-13	28-Jan-13	27					
11410	1646-1685 - Erect S1B Layer Strut	11	19-Jan-13	31-Jan-13	3					
1714	1646-1685 - Excavate to 3rd Layer (West) 1634-1650	6	29-Jan-13	04-Feb-13	27					
11420	1646-1685 - Excavate to S1 Layer	11	01-Feb-13	20-Feb-13	3					
1715	1646-1685 - Erect 3rd Layer Strut (West) 1634-1650	10	05-Feb-13	22-Feb-13	27					

SECTION 5 - ALL WORKS IN PORTION V & VA

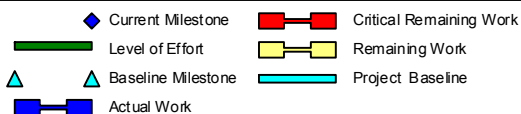
General Surface Works

Formation & Roadworks - Man Kwong Street West Bound

2102	MKSVWB - Tree Transplanting / Felling	25	30-Jan-12 A	10-Nov-12 A	
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CWB Trough B - CH1360 to CH1480

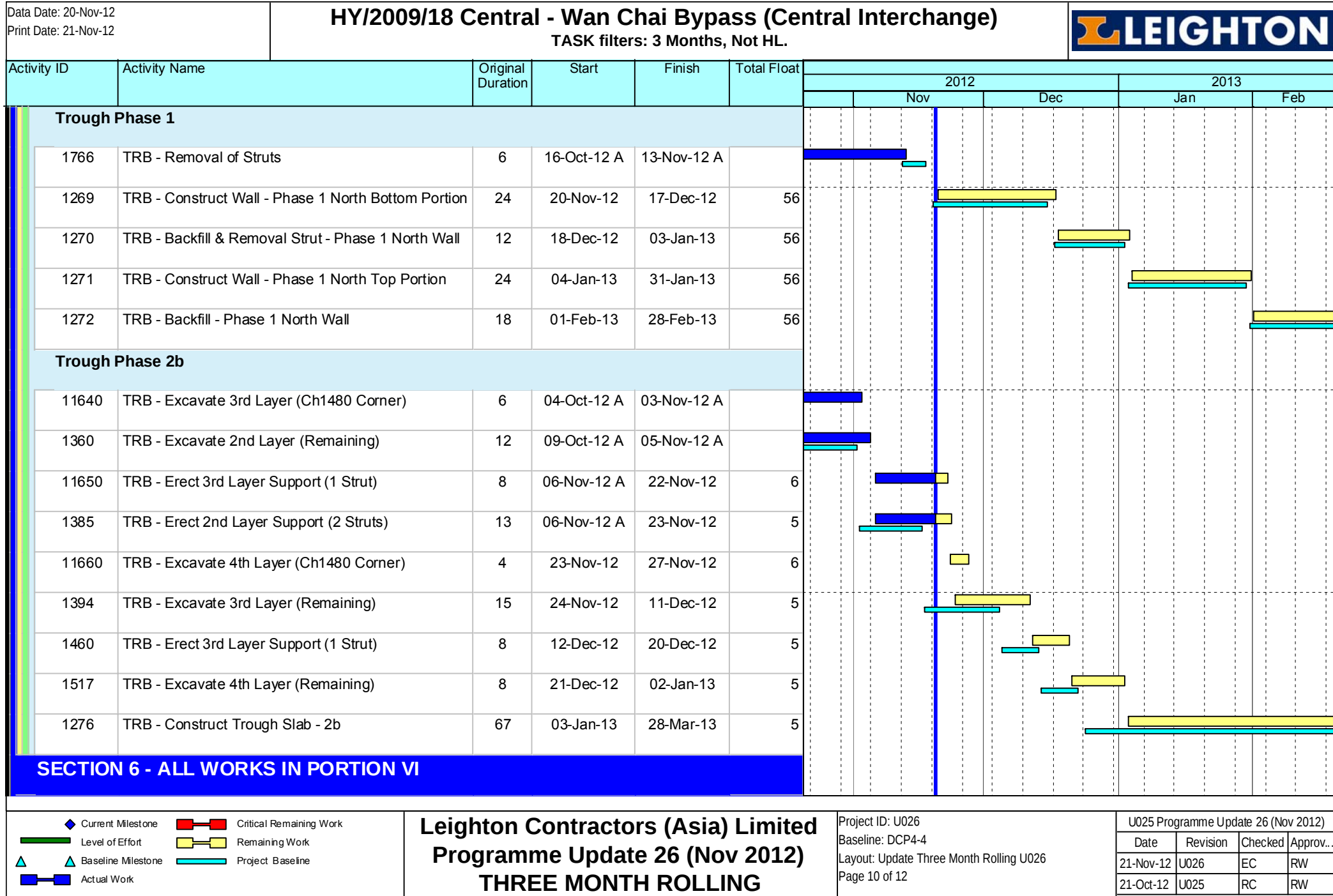
Trough Structure

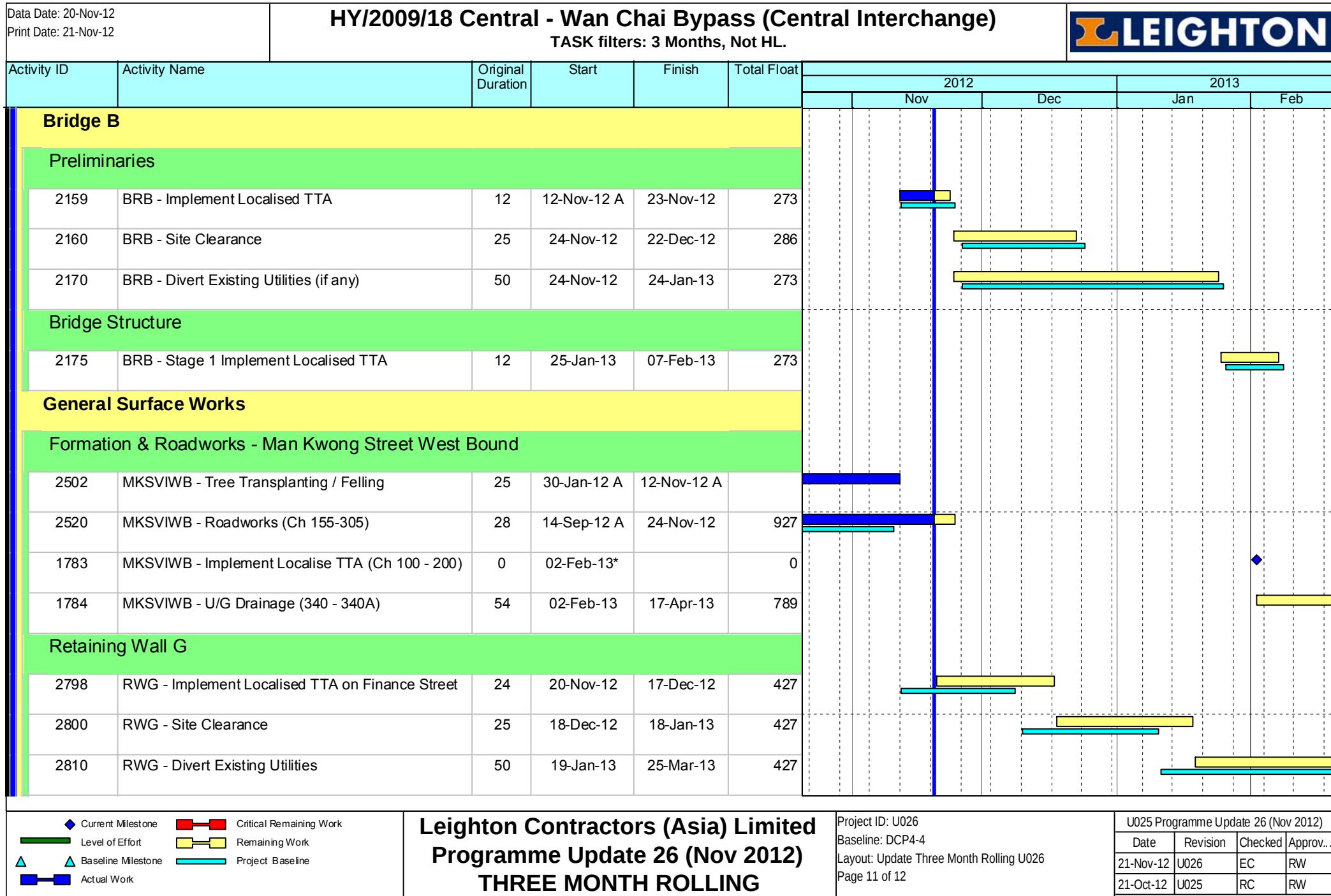


Leighton Contractors (Asia) Limited
Programme Update 26 (Nov 2012)
THREE MONTH ROLLING

Project ID: U026
Baseline: DCP4-4
Layout: Update Three Month Rolling U026
Page 9 of 12

U025 Programme Update 26 (Nov 2012)			
Date	Revision	Checked	Approv...
21-Nov-12	U026	EC	RW
21-Oct-12	U025	RC	RW





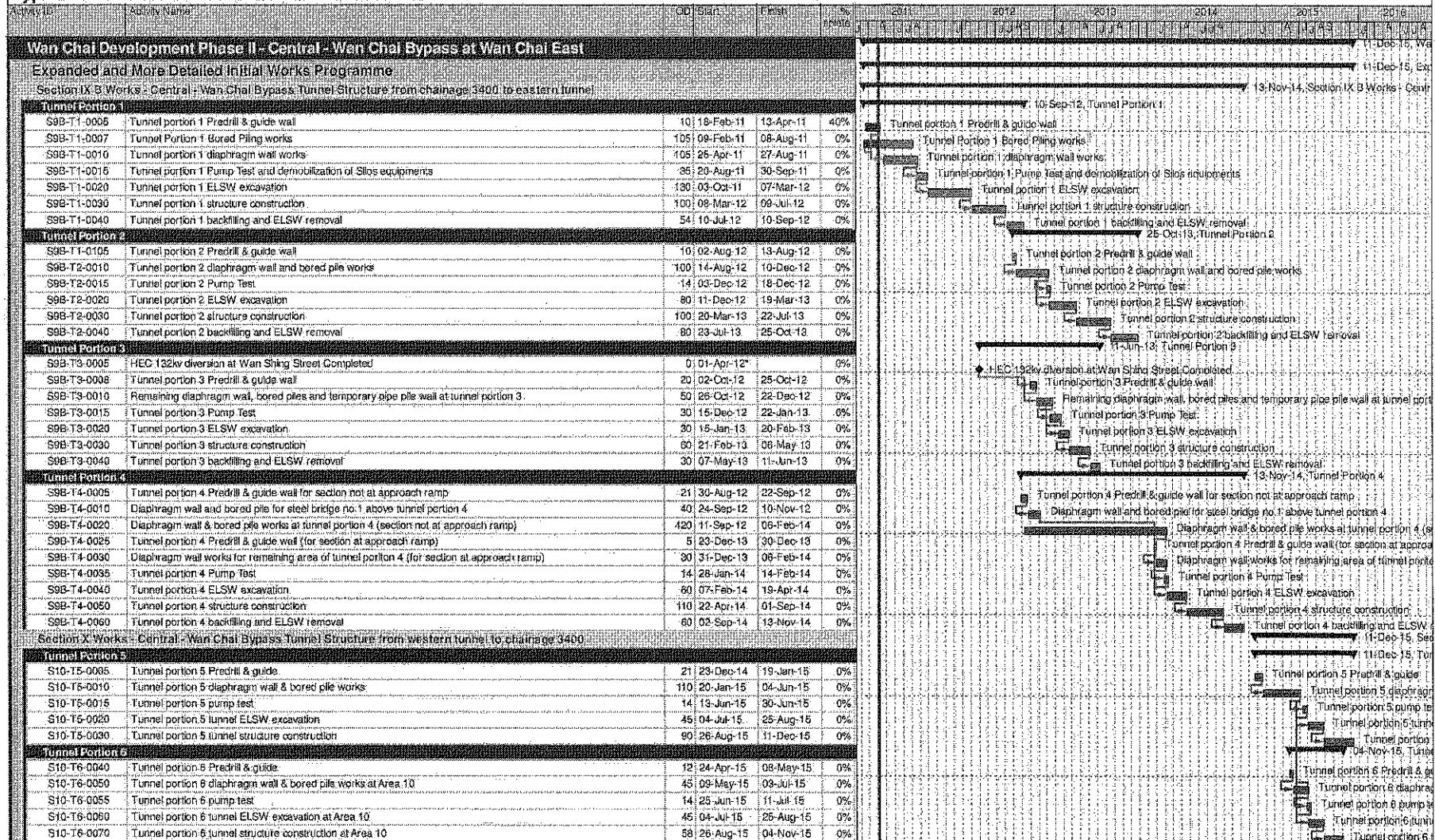
Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2012		2013	
						Nov	Dec	Jan	Feb
Bridge A									
Preliminaries									
2250	BRA - Site Clearance	56	16-Jun-12 A	06-Nov-12 A					
Bridge Structure									
2280	BRA - Pre-bored H Piles (1 no.)	12	10-Nov-12 A	23-Nov-12 A					
2330	BRA - Loading Test	10	23-Nov-12 A	03-Dec-12	266				
2354	BRA - Pre-bored H Piles (27 nos.)	81	04-Dec-12	18-Mar-13	266				
Elevated Layby at Rumsey Street Flyover East Bound									
Preliminaries									
2460	RSFLB - Implement Localised TTA	12	11-Dec-12	24-Dec-12	529				
1113	RSFLB - Tree Transplantation	50	27-Dec-12	02-Mar-13	529				

Wan Chai Development Phase II - Central Wan Chai Bypass - Central - Wan Chai Bypass at HKCEC
Working Programme for Diaphragm Wall Construction Works

Last Updated on: 6-Aug-2011

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

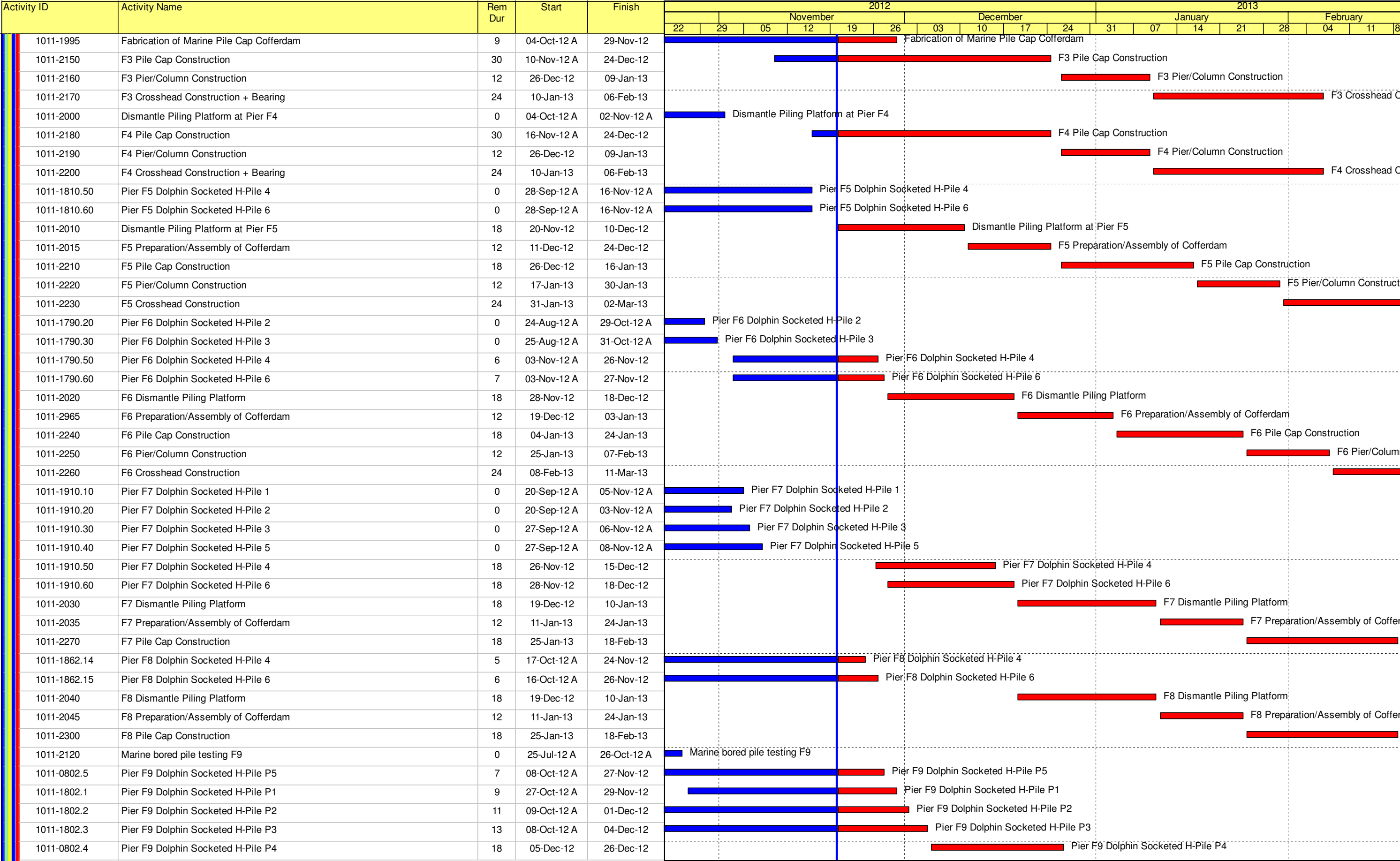
CHUN WO - CRGL JV



Activity ID	Activity Name	Rem Dur	Start	Finish	2012												2013							
					November						December				January				February					
					22	29	05	12	19	26	03	10	17	24	31	07	14	21	28	04	11	18		
3MRP - NOV 2012 to FEB 2012																								
02 - PRE-CONSTRUCTION WORKS																								
02.2 - Contractor's Submission																								
0220-1360	Tunnel Structures Materials - Submission	21	19-Jul-12 A	10-Dec-12																				
0220-1370	Tunnel Structures Materials - ER Review/Comment	28	11-Dec-12	07-Jan-13																				
0220-1380	Tunnel Structures Materials - Resubmission	14	08-Jan-13	21-Jan-13																				
0220-1390	Tunnel Structures Materials - ER Approval	21	22-Jan-13	11-Feb-13																				
0220-1500	Bridge Bearing - Procurement & Delivery	120	24-Sep-12 A	19-Mar-13*																				
02.3 - Method Statement / Shop Drawings																								
0230-1280	MS Cut & Cover Tunnel ELS - Resubmission	12	13-Jul-12 A	01-Dec-12																				
0230-1290	MS Cut & Cover Tunnel ELS - ER Approval	12	07-Aug-12 A	13-Dec-12																				
0230-1350	MS Pre-cast Segment Launching - ER Review & Comment	14	20-Sep-12 A	03-Dec-12																				
0230-1360	MS Pre-cast Segment Launching - Resubmission	28	04-Dec-12	31-Dec-12																				
0230-1370	MS Pre-cast Segment Launching - ER Approval	28	01-Jan-13	28-Jan-13																				
0230-1480	MS Stressing Tendons - Resubmission	14	08-Aug-12 A	03-Dec-12																				
0230-1490	MS Stressing Tendons - ER Approval	28	04-Dec-12	31-Dec-12																				
0230-1580	MS Interim & Permanent Noise Semi Enclosure - Submission	28	02-Jan-13*	29-Jan-13																				
0230-1590	MS Interim & Permanent Noise Semi Enclosure - ER Review & Comment	28	30-Jan-13	26-Feb-13																				
0230-1310	MS Pre-casting Beam - ER Review & Comment	0	16-Oct-12 A	05-Nov-12 A																				
0230-1320	MS Pre-casting Beam - Resubmission	28	10-Dec-12*	06-Jan-13																				
0230-1330	MS Pre-casting Beam - ER Approval	21	07-Jan-13	27-Jan-13																				
02.4 - Contractor's Design and Build Items																								
0240-1010	Temp Bridge "TA" Design - Prep & Submit	45	16-Dec-11 A	03-Jan-13																				
0240-1020	Temp Bridge "TA" Design - ER review and comment	28	04-Jan-13	31-Jan-13																				
0240-1030	Temp Bridge "TA" Design - Resubmission	45	01-Feb-13	17-Mar-13																				
0240-1041	Temp Bridge "TD" Design - Submission	28	04-Feb-13*	03-Mar-13																				
0240-1376	Cut & Cover Tunnel ELS Design - ER Review & Resubmission	18	14-Jun-12 A	07-Dec-12																				
0240-1377	Cut & Cover Tunnel ELS Design - ER Approval	21	08-Dec-12	28-Dec-12																				
0240-1379	Cut & Cover Tunnel ELS Fabrication	60	29-Dec-12	26-Feb-13																				
02.5 - Bridge Segment/Beam Off-site Precasting																								
0250-1600.01	Bridge D3 Pier D09 Precasting Segment (1-6) - Mould S1	0	12-Oct-12 A	19-Nov-12 A																				
0250-1600.02	Bridge D3 Pier D09 Precasting Segment (7-9) - Mould S1	11	20-Nov-12	30-Nov-12																				
0250-1600.03	Bridge D3 Pier D09 Precasting Segment (9-15) - Mould S1	19	01-Dec-12	19-Dec-12																				
0250-1600.04	Bridge D3 Pier D09 Precasting Segment (16-17) - Mould S1	5	20-Dec-12	24-Dec-12																				
0250-1600.06	Bridge D3 Pier D10 Precasting Segment (1-17) - Mould S1	42	25-Dec-12	04-Feb-13																				
0250-1600.07	Bridge D3 Pier D11 Precasting Segment (1-17) - Mould S1	42	05-Feb-13	18-Mar-13																				
0250-1650.01	Bridge D3 Pier D08 Precasting Segment (1-8) - Mould S2	29	03-Dec-12*	31-Dec-12																				
0250-1650.02	Bridge D3 Pier D12 Precasting Segment (1-4) - Mould S2	18	01-Jan-13	18-Jan-13																				
0250-1650.03	Bridge F1 Pier F03 Precasting Segment (1-5) - Mould S2	21	19-Jan-13	08-Feb-13																				
0250-1650.04	Bridge F1 Pier F03 Precasting Segment (1-5) - Mould S2	21	09-Feb-13	01-Mar-13																				
05 - SECTION 2 & 2A OF THE WORKS																								
05.1 - Cut & Cover Tunnel Ch 4855-4932 (APS Footprint)																								
05.1.1 - D-Wall Construction																								
0511-1040	D-wall N47-N51 Guide Wall	0	25-Oct-12 A	31-Oct-12 A																				

Activity ID	Activity Name	Rem Dur	Start	Finish	2012												2013							
					November						December						January				February			
					22	29	05	12	19	26	03	10	17	24	31	07	14	21	28	04	11	18	25	02
0511-1051	D-wall Panel N51 Construction	0	05-Oct-12 A	13-Nov-12 A	D-wall Panel N51 Construction																			
0511-1062	D-wall S49-S50 Grouting for Existing Seawall Rubble Mound	0	20-Oct-12 A	31-Oct-12 A	D-wall S49-S50 Grouting for Existing Seawall Rubble Mound																			
0511-1052	D-wall Panel N50 Construction	20	20-Nov-12	12-Dec-12	D-wall Panel N50 Construction																			
0511-1055	D-wall Panel N47 Construction	4	09-Nov-12 A	23-Nov-12	D-wall Panel N47 Construction																			
0511-1053	D-wall Panel N49 Construction	20	13-Dec-12	07-Jan-13	D-wall Panel N49 Construction																			
0511-1054	D-wall Panel N48 Construction	12	08-Jan-13	21-Jan-13	D-wall Panel N48 Construction																			
0511-1065	D-wall S48-S55 + BC39 Guide Wall	9	20-Sep-12 A	29-Nov-12	D-wall S48-S55 + BC39 Guide Wall																			
0511-1075	Barrette BC39 Grouting for Existing Seawall Rubble Mound	6	30-Nov-12	06-Dec-12	Barrette BC39 Grouting for Existing Seawall Rubble Mound																			
0511-1072	D-wall Panel S54 Construction	18	18-Jan-13	07-Feb-13	D-wall Panel S54 Construction																			
0511-1073	D-wall Panel S53 Construction	24	08-Feb-13	11-Mar-13	D-wall Panel S53 Construction																			
05.2 - Cut & Cover Tunnel Ch 4932-5149																								
05.2.1 - D-Wall Construction																								
0521-1835.16	D-wall Panel N63 Construction	0	24-Oct-12 A	16-Nov-12 A	D-wall Panel N63 Construction																			
0521-1835.70	D-wall Panel N58 Construction	0	13-Oct-12 A	08-Nov-12 A	D-wall Panel N58 Construction																			
0521-1835.30	D-wall Panel N59 Construction	18	10-Nov-12 A	10-Dec-12	D-wall Panel N59 Construction																			
0521-1990.38	D-wall South Panel S64 Construction	0	01-Sep-12 A	29-Oct-12 A	D-wall South Panel S64 Construction																			
0521-1990.65	D-wall South Panel S68 Construction	16	09-Oct-12 A	07-Dec-12	D-wall South Panel S68 Construction																			
0521-1990.66	D-wall South Panel S67 Construction	15	10-Dec-12	27-Dec-12	D-wall South Panel S67 Construction																			
0521-1990.67	D-wall South Panel S66 Construction	15	29-Dec-12	16-Jan-13	D-wall South Panel S66 Construction																			
0521-1990.68	D-wall South Panel S65 Construction	21	18-Jan-13	14-Feb-13	D-wall South Panel S65 Construction																			
0521-1990.71	D-wall South Panel S57 Construction	5	14-Nov-12 A	24-Nov-12	D-wall South Panel S57 Construction																			
0521-1990.72	D-wall South Panel S58 Construction	24	26-Nov-12	22-Dec-12	D-wall South Panel S58 Construction																			
0521-1990.73	D-wall South Panel S59 Construction	24	24-Dec-12	22-Jan-13	D-wall South Panel S59 Construction																			
0521-1990.74	D-wall South Panel S60 Construction	24	24-Jan-13	23-Feb-13	D-wall South Panel S60 Construction																			
0521-1990.70	D-wall South Panel S61 Construction	8	01-Nov-12 A	28-Nov-12	D-wall South Panel S61 Construction																			
0521-1750.45	D-wall Panel N86 Construction	14	01-Dec-12	17-Dec-12	D-wall Panel N86 Construction																			
0521-1710.35	D-wall Panel S94 Construction	15	18-Dec-12	05-Jan-13	D-wall Panel S94 Construction																			
0521-1990.17	D-wall South Panel S99 Construction	15	29-Dec-12	16-Jan-13	D-wall South Panel S99 Construction																			
0521-1990.30	D-wall South Panel N92 Construction	15	17-Jan-13	02-Feb-13	D-wall South Panel N92 Construction																			
0521-1990.76	D-wall South Panel N100 Construction	0	15-Oct-12 A	02-Nov-12 A	D-wall South Panel N100 Construction																			
0521-1990.31	D-wall South Panel S108	15	12-Nov-12 A	06-Dec-12	D-wall South Panel S108																			
0521-1990.32	D-wall South Panel S107	0	29-Oct-12 A	10-Nov-12 A	D-wall South Panel S107																			
0521-1938	Sheet Pile Pre-boring at Seawall Rubble Mound	0	05-Nov-12 A	14-Nov-12 A	Sheet Pile Pre-boring at Seawall Rubble Mound																			
0521-1940	Construct Temporary End Wall (Sheet Piles) 1st Layer	0	07-Nov-12 A	19-Nov-12 A	Construct Temporary End Wall (Sheet Piles) 1st Layer																			
0521-1642	Construct Temporary End Wall (Sheet Piles) 2nd Layer	6	20-Nov-12	26-Nov-12	Construct Temporary End Wall (Sheet Piles) 2nd Layer																			
0521-1943	Construct Temporary End Wall (Sheet Piles) 3rd Layer	8	27-Nov-12	05-Dec-12	Construct Temporary End Wall (Sheet Piles) 3rd Layer																			
0521-1945	Grouting North Dwall and Sheetpiles Interface	12	06-Dec-12	19-Dec-12	Grouting North Dwall and Sheetpiles Interface																			
0521-2185	Grouting South Dwall and Sheetpiles Interface	12	17-Dec-12	31-Dec-12	Grouting South Dwall and Sheetpiles Interface																			
05.2.2 - Barrette Construction																								
0522-2210.54	Barrette Pile BC54	0	22-Oct-12 A	31-Oct-12 A	Barrette Pile BC54																			
0522-2210.69	Barrette Pile BC60	10	19-Nov-12 A	30-Nov-12	Barrette Pile BC60																			
0522-2210.71	Barrette Pile BC67	0	08-Nov-12 A	19-Nov-12 A	Barrette Pile BC67																			
05.3 - Box Culvert T1																								
0530-3040	Bay 3 and 4 - Backfilling	0	15-Oct-12 A	02-Nov-12 A	Bay 3 and 4 - Backfilling																			

Activity ID	Activity Name	Rem Dur	Start	Finish	2012												2013							
					November						December				January				February					
					22	29	05	12	19	26	03	10	17	24	31	07	14	21	28	04	11	18		
0530-3050	Bay 3 and 4 - Reinstatement	0	29-Oct-12 A	03-Nov-12 A	Bay 3 and 4 - Reinstatement																			
0530-3060	Bay 2 - Demolish Road Pavement	0	06-Nov-12 A	12-Nov-12 A	Bay 2 - Demolish Road Pavement																			
0530-3061	Bay 2 - Implement TTA	0	03-Nov-12 A	05-Nov-12 A	Bay 2 - Implement TTA																			
0530-3065	Bay 2 - Install Sheet Piles	1	13-Nov-12 A	20-Nov-12	Bay 2 - Install Sheet Piles																			
0530-3071	Bay 2 - ELS + Blinding	10	21-Nov-12	01-Dec-12	Bay 2 - ELS + Blinding																			
0530-3072	Bay 2 - Base Slab	6	03-Dec-12	08-Dec-12	Bay 2 - Base Slab																			
0530-3073	Bay 2 - Wall & Roof	8	10-Dec-12	18-Dec-12	Bay 2 - Wall & Roof																			
0530-3074	Bay 2 - Backfilling + Reinstatement	23	19-Dec-12	16-Jan-13	Bay 2 - Backfilling + Reinstatement																			
0530-3075	Bay 1 Construction	90	17-Jan-13	09-May-13	Bay 1 Construction																			
0530-3255	1500 dia. Storm Drain - Construct Manhole (S95 to S99)	0	20-Oct-12 A	03-Nov-12 A	1500 dia. Storm Drain - Construct Manhole (S95 to S99)																			
0530-3324	1500 dia. Storm Drain - Backfill + Extract Sheetpiles (S95 to S99)	0	05-Nov-12 A	15-Nov-12 A	1500 dia. Storm Drain - Backfill + Extract Sheetpiles (S95 to S99)																			
0530-3300	1500 dia. Storm Drain - Sheetpiles + ELS (S89 to S94)	0	17-Sep-12 A	31-Oct-12 A	1500 dia. Storm Drain - Sheetpiles + ELS (S89 to S94)																			
0530-3302	1500 dia. Storm Drain - Laying of Pipe (S89 to S94)	0	01-Nov-12 A	07-Nov-12 A	1500 dia. Storm Drain - Laying of Pipe (S89 to S94)																			
0530-3305	1500 dia. Storm Drain - Construct Manhole (S89 to S94)	12	20-Nov-12	03-Dec-12	1500 dia. Storm Drain - Construct Manhole (S89 to S94)																			
0530-3308	1500 dia. Storm Drain - Backfill + Extract Sheetpiles (S89 to S94)	6	04-Dec-12	10-Dec-12	1500 dia. Storm Drain - Backfill + Extract Sheetpiles (S89 to S94)																			
0530-3310	1500 dia. Storm Drain - Sheetpiles + ELS (S83 to S89)	0	26-Sep-12 A	09-Nov-12 A	1500 dia. Storm Drain - Sheetpiles + ELS (S83 to S89)																			
0530-3325	1500 dia. Storm Drain - Laying of Pipe (S83 to S89)	2	09-Nov-12 A	21-Nov-12	1500 dia. Storm Drain - Laying of Pipe (S83 to S89)																			
0530-3326	1500 dia. Storm Drain - Construct Manhole (S83 to S89)	12	21-Nov-12	05-Dec-12	1500 dia. Storm Drain - Construct Manhole (S83 to S89)																			
0530-3327	1500 dia. Storm Drain - Backfill + Extract Sheetpiles (S83 to S89)	6	05-Dec-12	12-Dec-12	1500 dia. Storm Drain - Backfill + Extract Sheetpiles (S83 to S89)																			
0530-3338	1500 dia. Temp Steel Pipe - ELS	0	27-Sep-12 A	17-Nov-12 A	1500 dia. Temp Steel Pipe - ELS																			
0530-3348	1500 dia. Temp Steel Pipe - Pipe Laying	9	20-Nov-12	29-Nov-12	1500 dia. Temp Steel Pipe - Pipe Laying																			
0530-3358	1500 dia. Temp Steel Pipe - Connect to Existing Box Culvert	9	05-Nov-12 A	10-Dec-12	1500 dia. Temp Steel Pipe - Connect to Existing Box Culvert																			
0530-3328	Abandon Existing Drain Across Tunnel	6	11-Dec-12	17-Dec-12	Abandon Existing Drain Across Tunnel																			
06 - SECTION 3 OF THE WORKS																								
06.2 - Box Culvert U1																								
0620-2390	U1 Bay 6 to 8 Sheet Piles + ELS	4	30-Jul-12 A	23-Nov-12	U1 Bay 6 to 8 Sheet Piles + ELS																			
0620-2450	U1 Bay 9 and 10 Sheetpiles + ELS	6	13-Sep-12 A	26-Nov-12	U1 Bay 9 and 10 Sheetpiles + ELS																			
0620-2470	U1 Construct Bay 9	17	30-Oct-12 A	08-Dec-12	U1 Construct Bay 9																			
0620-2400	U1 Construct Bay 6	24	24-Nov-12	21-Dec-12	U1 Construct Bay 6																			
0620-2410	U1 Construct Bay 7	24	08-Dec-12	07-Jan-13	U1 Construct Bay 7																			
0620-2460	U1 Construct Bay 10	24	08-Dec-12	08-Jan-13	U1 Construct Bay 10																			
0620-2420	U1 Construct Bay 8	24	22-Dec-12	21-Jan-13	U1 Construct Bay 8																			
0620-2430	U1 Construct Bay 5	24	08-Jan-13	04-Feb-13	U1 Construct Bay 5																			
0620-2440	U1 Backfill Bay 5 to 8 + Extract Sheetpiles	18	05-Feb-13	28-Feb-13	U1 Backfill Bay 5 to 8 + Extract Sheetpiles																			
0620-2480	U1 Bay 11 and 12 Sheetpiles + ELS	18	07-Nov-12 A	10-Dec-12	U1 Bay 11 and 12 Sheetpiles + ELS																			
0620-2490	U1 Construct Bay 12	24	11-Dec-12	09-Jan-13	U1 Construct Bay 12																			
0620-2500	U1 Construct Bay 11	24	26-Dec-12	23-Jan-13	U1 Construct Bay 11																			
0620-2510	U1 Backfill Bay 11 and 12 + Extract Sheetpiles	12	24-Jan-13	06-Feb-13	U1 Backfill Bay 11 and 12 + Extract Sheetpiles																			
0620-2520	U1 Construct Bay 13 (Outfall)	48	24-Jan-13	23-Mar-13	U1 Construct Bay 13 (Outfall)																			
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																								
1011-1990	Dismantle Piling Platform at Pier F3	0	04-Oct-12 A	02-Nov-12 A	Dismantle Piling Platform at Pier F3																			



Activity ID	Activity Name	Rem Dur	Start	Finish	2012										2013							
					November					December					January				February			
					22	29	05	12	19	26	03	10	17	24	31	07	14	21	28	04	11	18
1011-0802.6	Pier F9 Dolphin Socketed H-Pile P6	18	05-Dec-12	26-Dec-12																		
1011-2050	Dismantle Piling Platform at Pier F9	18	27-Dec-12	17-Jan-13																		
1011-2125	Marine bored pile testing F10	0	25-Jul-12 A	29-Oct-12 A																		
1011-1970.1	Pier F10 Dolphin Socketed H-Pile P1	12	05-Dec-12	18-Dec-12																		
1011-1970.2	Pier F10 Dolphin Socketed H-Pile P2	12	07-Dec-12	20-Dec-12																		
1011-1970.3	Pier F10 Dolphin Socketed H-Pile P3	12	10-Dec-12	22-Dec-12																		
1011-1970.4	Pier F10 Dolphin Socketed H-Pile P5	12	12-Dec-12	26-Dec-12																		
1011-1970.5	Pier F10 Dolphin Socketed H-Pile P4	18	27-Dec-12	17-Jan-13																		
1011-1970.6	Pier F10 Dolphin Socketed H-Pile P6	18	27-Dec-12	17-Jan-13																		
1011-2060	Dismantle Piling Platform at Pier F10	18	18-Jan-13	07-Feb-13																		
1011-1770.1	Pier F11 Dolphin Socketed H-Pile P1	12	11-Jan-13	24-Jan-13																		
1011-1770.2	Pier F11 Dolphin Socketed H-Pile P2	12	14-Jan-13	26-Jan-13																		
1011-1770.3	Pier F11 Dolphin Socketed H-Pile P3	12	16-Jan-13	29-Jan-13																		
1011-1770.4	Pier F11 Dolphin Socketed H-Pile P5	12	18-Jan-13	31-Jan-13																		
1011-1770.5	Pier F11 Dolphin Socketed H-Pile P4	18	01-Feb-13	25-Feb-13																		
1011-1770.6	Pier F11 Dolphin Socketed H-Pile P6	18	01-Feb-13	25-Feb-13																		
1011-1827	Pier F12 Marine Bored Pile (Low Headroom)	0	03-Oct-12 A	30-Oct-12 A																		
1011-2135	Marine bored pile testing F12	0	06-Jul-12 A	16-Nov-12 A																		
1011-1822.1	Pier F12 Dolphin Socketed H-Pile P1	12	27-Dec-12	10-Jan-13																		
1011-1822.2	Pier F12 Dolphin Socketed H-Pile P2	12	29-Dec-12	12-Jan-13																		
1011-1822.3	Pier F12 Dolphin Socketed H-Pile P3	12	02-Jan-13	15-Jan-13																		
1011-1822.4	Pier F12 Dolphin Socketed H-Pile P5	12	04-Jan-13	17-Jan-13																		
1011-1822.5	Pier F12 Dolphin Socketed H-Pile P4	18	18-Jan-13	07-Feb-13																		
1011-1822.6	Pier F12 Dolphin Socketed H-Pile P6	18	18-Jan-13	07-Feb-13																		
1011-2075	Dismantle Piling Platform at Pier F12	18	08-Feb-13	04-Mar-13																		
1011-1905	Pier F13 Marine Bored Pile (Low Headroom)	0	15-Oct-12 A	15-Nov-12 A																		
1011-2140	Marine bored pile testing F13	9	18-Sep-12 A	29-Nov-12																		
1011-1786	Pier F14 Marine Bored Pile (Low Headroom)	7	02-Nov-12 A	27-Nov-12																		
1011-2145	Marine bored pile testing F14	12	24-Sep-12 A	11-Dec-12																		
1011-1782.50	Pier F14 Dolphin Socketed H-Pile 4	18	08-Feb-13	04-Mar-13																		
1011-1782.60	Pier F14 Dolphin Socketed H-Pile 6	18	08-Feb-13	04-Mar-13																		
Pier F01 to F02																						
1011-2730	Dolphin socketed H-pile pier F1-P1	0	10-Sep-12 A	17-Nov-12 A																		
1011-2732	Dolphin socketed H-pile pier F1-P2	0	10-Sep-12 A	13-Nov-12 A																		
1011-2735	Dolphin socketed H-pile pier F1-P3	0	10-Sep-12 A	15-Nov-12 A																		
1011-2760	Marine bored pile testing F1A	0	12-May-12 A	19-Nov-12 A																		
1011-2765	F1 Dismantle Piling Platform	23	19-Nov-12 A	15-Dec-12																		
1011-2860	F1A Pile Cap Construction	24	17-Dec-12	15-Jan-13																		
1011-2870	F1A Pier/Column Construction	12	16-Jan-13	29-Jan-13																		
1011-2880	F1A Crosshead Construction + Bearing	24	30-Jan-13	01-Mar-13																		
1011-2790	Marine bored pile testing F1B and F2B	0	12-May-12 A	19-Nov-12 A																		
1011-2890	F1B Pile Cap Construction	18	16-Jan-13	05-Feb-13																		
1011-2720	Dolphin socketed H-pile pier F2-P1	6	27-Oct-12 A	26-Nov-12																		
1011-2940	Dolphin socketed H-pile pier F2-P2	8	27-Oct-12 A	28-Nov-12																		

Activity ID	Activity Name	Rem Dur	Start	Finish	2012												2013							
					November						December						January				February			
					22	29	05	12	19	26	03	10	17	24	31	07	14	21	28	04	11	18		
1011-2950	Dolphin socketed H-pile pier F2-P3	10	27-Oct-12 A	30-Nov-12	Dolphin socketed H-pile pier F2-P3																			
1011-2955	F2 Dismantle Piling Platform	24	08-Dec-12	07-Jan-13	F2 Dismantle Piling Platform																			
1011-2800	F2A Pile Cap Construction	24	08-Jan-13	04-Feb-13	F2A Pile Cap Construction																			
1011-2810	F2A Pier/Column Construction	12	05-Feb-13	21-Feb-13	F2A Pier/Column Construction																			
1011-2830	F2B Pile Cap Construction	18	05-Feb-13	28-Feb-13	F2B Pile Cap Construction																			
1011-2900	F1B Pier/Column Construction	12	06-Feb-13	22-Feb-13	F1B Pier/Column Construction																			
10.1.2 - Land Pier Construction																								
Abutment D12																								
1012-1220	Abutment D12 construction (E/B Bridge)	15	03-Oct-12 A	06-Dec-12	Abutment D12 construction (E/B Bridge)																			
1012-1240	Bearing installation (D12) at III (E/B)	6	07-Dec-12	13-Dec-12	Bearing installation (D12) at III (E/B)																			
Pier D08 to D11																								
1012-1100	Pier D08 Construct Pile Cap	20	17-Sep-12 A	13-Dec-12	Pier D08 Construct Pile Cap																			
1012-1110	Pier D08 Construct Pier/Column	9	13-Dec-12	24-Dec-12	Pier D08 Construct Pier/Column																			
1012-1120	Pier D08 Construct Crosshead + Bearing	24	24-Dec-12	23-Jan-13	Pier D08 Construct Crosshead + Bearing																			
1012-1150	Pier D09 Construct Crosshead + Bearing	24	20-Nov-12	17-Dec-12	Pier D09 Construct Crosshead + Bearing																			
1012-1170	Pier D10 Construct Pier/Column	18	20-Nov-12	10-Dec-12	Pier D10 Construct Pier/Column																			
1012-1180	Pier D10 Construct Crosshead + Bearing	24	18-Dec-12	16-Jan-13	Pier D10 Construct Crosshead + Bearing																			
1012-1210	Pier D11 Construct Crosshead	2	01-Nov-12 A	21-Nov-12	Pier D11 Construct Crosshead																			
Pier D05 to D07																								
1012-1290.20	Pier D05 Bored Pile D05-1	12	20-Dec-12	04-Jan-13	Pier D05 Bored Pile D05-1																			
1012-1300	Pier D05 Bored Piles Testing	18	05-Jan-13	25-Jan-13	Pier D05 Bored Piles Testing																			
1012-1310	Pier D06 Construct Pile Cap	18	26-Jan-13	19-Feb-13	Pier D06 Construct Pile Cap																			
10.1.3 - E/B Bridge Construction																								
Bridge D3																								
1013-1000.20	Segment and Beam Launching Girder - Submit Design	0	14-May-12 A	19-Nov-12 A	Segment and Beam Launching Girder - Submit Design																			
1013-1010	Segment and Beam Launching Girder - Fabrication	60	05-Nov-12 A	30-Jan-13	Segment and Beam Launching Girder - Fabrication																			
1013-1012	Segment and Beam Launching Girder - Off-Site launching Trial	12	31-Jan-13	16-Feb-13	Segment and Beam Launching Girder - Off-Site launching Trial																			