路政署
HIGHWAYS DEPARTMENT
港珠澳大橋香港工程管理處
Hong Kong - Zhuhai - Macao Bridge
Hong Kong Project Management Office

Contract No. HY/2011/03

Hong Kong-Zhuhai-Macao Bridge Hong Kong Link Road Section between Scenic Hill and Hong Kong Boundary Crossing Facilities

Monthly EM&A Report No.22 (July 2014)

14 August 2014

Revision 1

Main Contractor

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

Designer

ATKINS

Contents

Figures

Appendices

Executive Summary

The Hong Kong-Zhuhai-Macao Bridge (HZMB) Hong Kong Link Road (HKLR) serves to connect the HZMB Main Bridge at the Hong Kong Special Administrative Region (HKSAR) Boundary and the HZMB Hong Kong Boundary Crossing Facilities (HKBCF) located at the north eastern waters of the Hong Kong International Airport (HKIA).

The HKLR project has been separated into two contracts. They are Contract No. HY/2011/03 Hong Kong-Zhuhai-Macao Bridge Hong Kong Link Road-Section between Scenic Hill and Hong Kong Boundary Crossing Facilities (hereafter referred to as the Contract) and Contract No. HY/2011/09 Hong Kong-Zhuhai-Macao Bridge Hong Kong Link Road-Section between HKSAR Boundary and Scenic Hill.

China State Construction Engineering (Hong Kong) Ltd. was awarded by Highways Department as the Contractor to undertake the construction works of Contract No. HY/2011/03. The main works of the Contract include land tunnel at Scenic Hill, tunnel underneath Airport Road and Airport Express Line, reclamation and tunnel to the east coast of the Airport Island, at-grade road connecting to the HKBCF and highway works of the HKBCF within the Airport Island and in the vicinity of the HKLR reclamation. The Contract is part of the HKLR Project and HKBCF Project, these projects are considered to be "Designated Projects", under Schedule 2 of the Environmental Impact Assessment (EIA) Ordinance (Cap 499) and Environmental Impact Assessment (EIA) Reports (Register No. AEIAR-144/2009 and AEIAR-145/2009) were prepared for the Project. The current Environmental Permit (EP) EP-352/2009/C for HKLR and EP-353/2009/G for HKBCF were issued on 5 September 2013 and 6 August 2013, respectively. These documents are available through the EIA Ordinance Register. The construction phase of Contract was commenced on 17 October 2012.

BMT Asia Pacific Limited has been appointed by the Contractor to implement the Environmental Monitoring & Audit (EM&A) programme for the Contract in accordance with the Updated EM&A Manual for HKLR (Version 1.0) and will be providing environmental team services to the Contract.

This is the Twenty-second Monthly EM&A report for the Contract which summaries the monitoring results and audit findings of the EM&A programme during the reporting period from 1 to 31 July 2014.

Environmental Monitoring and Audit Progress

The monthly EM&A programme was undertaken in accordance with the Updated EM&A Manual for HKLR (Version 1.0). A summary of the monitoring activities in this reporting month is listed below:

1-hr TSP Monitoring	4, 10, 16, 22, and 28 July 2014
24-hr TSP Monitoring at AMS5	3, 9, 15, 21, 25 and 31 July 2014
24-hr TSP Monitoring at AMS6	4, 9, 15, 21, 25 and 31 July 2014
Noise Monitoring	4, 10, 16, 22 and 28 July 2014
Water Quality Monitoring	2, 4, 7, 9, 11, 14, 16, 21, 23, 25, 28 and 30 July 2014
Chinese White Dolphin Monitoring	3, 9, 10, 14 and 21 July 2014
Site Inspection	2, 9, 16, 25 and 30 July 2014

Due to the electricity supply problem of high volume sampler, the 24-hr dust monitoring at AMS6 was rescheduled from 3 July 2014 to 4 July 2014.

Due to boat availability issue, the dolphins monitoring schedule was rescheduled from 8 July 2014 to 3 July 2014.

Water quality monitoring on 18 July 2014 was cancelled for safety reason as strong wind signal no. 3 was hoisted by Hong Kong Observatory.

Breaches of Action and Limit Levels

A summary of environmental exceedances for this reporting month is as follows:

Environmental Monitoring	Parameters	Action Level (AL)	Limit Level (LL)
Air Quality	1-hr TSP	0	0
	24-hr TSP	0	0
Noise	$L_{eq\ (30\ min)}$	0	0
Water Quality	Suspended solids level (SS)	0	0
	Turbidity level	0	0
	Dissolved oxygen level (DO)	1	0

An Action Level exceedance of dissolved oxygen was recorded on 9 July 2014. According to the information provided by the Contractor, marine construction activities were carried out within silt curtain as recommended in the EIA Report. There were no specific activities recorded during the monitoring period that would cause any significant impacts on monitoring results. Therefore, the exceedance was considered non-contract related.

Complaint Log

There were no complaints received in relation to the environmental impact during the reporting period.

Notifications of Summons and Prosecutions

There were no notifications of summons or prosecutions received during this reporting month.

Reporting Changes

This report has been developed in compliance with the reporting requirements for the subsequent EM&A reports as required by the Updated EM&A Manual for HKLR (Version 1.0).

The proposal for the change of Action Level and Limit Level for suspended solid and turbidity was approved by EPD on 25 March 2013.

The revised Event and Action Plan for dolphin Monitoring was approved by EPD on 6 May 2013.

The original monitoring station at IS(Mf)9 (Coordinate- East:813273, North 818850) was observed inside the perimeter silt curtain of Contract HY/2010/02 on 1 July 2013, as such the original impact water quality monitoring location at IS(Mf)9 was temporarily shifted outside the silt curtain. As advised by the Contractor of HY/2010/02 in August 2013, the perimeter silt curtain was shifted to facilitate safe anchorage zone of construction barges/vessels until end of 2013 subject to construction progress. Therefore, water quality monitoring station IS(Mf)9 was shifted to 813226E and 818708N since 1 July 2013. According to the water quality monitoring team's observation on 24 March 2014, the original monitoring location of IS(Mf)9 was no longer enclosed by the perimeter silt curtain of Contract HY/2010/02. Thus, the impact water quality monitoring works at the original monitoring location of IS(Mf)9 has been resumed since 24 March 2014.

Future Key Issues

The future key issues include potential noise, air quality, water quality and ecological impacts and waste management arising from the following construction activities to be undertaken in the upcoming month:

- Dismantling/trimming of Temporary 40mm Stone Platform for Construction of Seawall at Portion X;
- Stone Column Installation at Portion X;
- Filling Works behind Stone Platform at Portion X;
- Band Drains Installation at Portion X;
- Construction of Seawall at Portion X;
- Loading and Unloading Filling Material at Portion X;
- Temporary Stone Platform Construction at Portion X;
- Temporary Diversion of Existing Box Culvert at Portion X;
- Piling Works at Portion X;
- Works for Diversion of Airport Road and Kwo Lo Wan Road at Kwo Lo Wan / Airport Road;
- Pre-grouting and Pipe Piling Works for AEL Access Shafts at Airport Express Line;
- Utilities Detection at Kwo Lo Wan / Airport Road / Airport Express Line/ East Coast Road;
- Establishment of Site Access at Airport Road / Airport Express Line/East Coast Road;
- Access Shaft Construction for Tunnel at Portion Y;
- Utility Culvert Excavation at Portion Y;
- Pipe roofing installation for HAT tunnel at Portion Y
- Excavation for Tunnel SHT at West Portal;
- Abutment Construction at West Portal; and
- Transformer Room Construction at West Portal, East Coast Road and Kwo Lo Wan Road.

1 Introduction

1.1 Basic Project Information

1.1.1 The Hong Kong-Zhuhai-Macao Bridge (HZMB) Hong Kong Link Road (HKLR) serves to connect the HZMB Main Bridge at the Hong Kong Special Administrative Region (HKSAR) Boundary and the HZMB Hong Kong Boundary Crossing Facilities (HKBCF) located at the north eastern waters of the Hong Kong International Airport (HKIA).

1.1.2 The HKLR project has been separated into two contracts. They are Contract No. HY/2011/03 Hong Kong-Zhuhai-Macao Bridge Hong Kong Link Road-Section between Scenic Hill and Hong Kong Boundary Crossing Facilities (hereafter referred to as the Contract) and Contract No. HY/2011/09 Hong Kong-Zhuhai-Macao Bridge Hong Kong Link Road-Section between HKSAR Boundary and Scenic Hill.

1.1.3 China State Construction Engineering (Hong Kong) Ltd. was awarded by Highways Department (HyD) as the Contractor to undertake the construction works of Contract No. HY/2011/03. The Contract is part of the HKLR Project and HKBCF Project, these projects are considered to be "Designated Projects", under Schedule 2 of the Environmental Impact Assessment (EIA) Ordinance (Cap 499) and Environmental Impact Assessment (EIA) Reports (Register No. AEIAR-144/2009 and AEIAR-145/2009) were prepared for the Project. The current Environmental Permit (EP) EP-352/2009/C for HKLR and EP-353/2009/G for HKBCF were issued on 5 September 2013 and 6 August 2013, respectively. These documents are available through the EIA Ordinance Register. The construction phase of Contract was commenced on 17 October 2012. **Figure 1.1** shows the project site boundary. The works areas are shown in **Appendix N**.

1.1.4 The Contract includes the following key aspects:

- New reclamation along the east coast of the approximately 23 hectares.
- Tunnel of Scenic Hill (Tunnel SHT) from Scenic Hill to the new reclamation, of approximately 1km in length with three (3) lanes for the east bound carriageway heading to the HKBCF and four (4) lanes for the westbound carriageway heading to the HZMB Main Bridge.
- An abutment of the viaduct portion of the HKLR at the west portal of Tunnel SHT and associated road works at the west portal of Tunnel SHT.
- An at grade road on the new reclamation along the east coast of the HKIA to connect with the HKBCF, of approximately 1.6 km along dual 3-lane carriageway with hard shoulder for each bound.
- Road links between the HKBCF and the HKIA including new roads and the modification of existing roads at the HKIA, involving viaducts, at grade roads and a Tunnel HAT.
- A highway operation and maintenance area (HMA) located on the new reclamation, south of the Dragonair Headquarters Building, including the construction of buildings, connection roads and other associated facilities.
- Associated civil, structural, building, geotechnical, marine, environmental protection, landscaping, drainage and sewerage, tunnel and highway electrical and mechanical works, together with the installation of street lightings, traffic aids and sign gantries, water mains and fire hydrants, provision of facilities for installation of traffic control and surveillance system (TCSS), reprovisioning works of affected existing facilities, implementation of transplanting, compensatory planting and protection of existing trees, and implementation of an environmental monitoring and audit (EM&A) program.

1.1.5 This is the Twenty-second Monthly Environmental Monitoring and Audit (EM&A) report for the Contract which summaries the monitoring results and audit findings of the EM&A programme during the reporting period from 1 to 31 July 2014.

1.1.6 BMT Asia Pacific Limited has been appointed by the Contractor to implement the EM&A programme for the Contract in accordance with the Updated EM&A Manual for HKLR (Version 1.0) for HKLR and will be providing environmental team services to the Contract. ENVIRON Hong Kong Ltd. was employed by HyD as the Independent Environmental Checker (IEC) and Environmental Project Office (ENPO) for the Project. The project organization with regard to the environmental works is as follows.

1.2 Project Organisation

1.2.1 The project organization structure and lines of communication with respect to the on-site environmental management structure is shown in **Appendix A**. The key personnel contact names and numbers are summarized in **Table 1.1**.

Table 1.1 Contact Information of Key Personnel

Party	Position	Name	Telephone	Fax
Supervising Officer's Representative (Ove Arup & Partners Hong Kong Limited)	(Chief Resident Engineer, CRE)	Robert Antony Evans	3968 0801	2109 1882
Environmental Project Office / Independent Environmental Checker (Environ Hong Kong Limited)	Environmental Project Office Leader	Y. H. Hui	3465 2888	3465 2899
	Independent Environmental Checker	Antony Wong	3465 2888	3465 2899
Contractor (China State Construction Engineering (Hong Kong) Ltd)	Project Manager	S. Y. Tse	3968 7002	2109 2588
	Environmental Officer	Federick Wong	3968 7117	2109 2588
Environmental Team (BMT Asia Pacific)	Environmental Team Leader	Claudine Lee	2241 9847	2815 3377
24 hours complaint hotline	---	---	5699 5730	---

1.3 Construction Programme

1.3.1 A copy of the Contractor's construction programme is provided in **Appendix B**.

1.4 Construction Works Undertaken During the Reporting Month

1.4.1 A summary of the construction activities undertaken during this reporting month is shown in **Table 1.2.**

Table 1.2 Construction Activities During Reporting Month

Description of Activities	Site Area
Dismantling/trimming of temporary 40mm stone platform for construction of seawall	Portion X
Stone column installation	Portion X
Filling works behind stone platform	Portion X
Temporary stone platform construction	Portion X
Band drains Installation	Portion X
Piling works	Portion X
Pipe roofing installation and excavation for tunnel SHT	West Portal
Works for diversion of Airport Road and Kwo Lo Wan Road	Kwo Lo Wan / Airport Road
Pre-grouting and pipe piling works for AEL access shafts	Airport Express Line
Utilities detection	Kwo Lo Wan/ Airport Road/ Airport Express Line
Access shaft construction for SHT & HAT	Portion Y
Utility culvert excavation	Portion Y

2 Air Quality Monitoring

2.1 Monitoring Requirements

2.1.1 In accordance with the Contract Specific EM&A Manual, baseline 1-hour and 24-hour TSP levels at two air quality monitoring stations were established. Impact 1-hour TSP monitoring was conducted for at least three times every 6 days, while impact 24-hour TSP monitoring was carried out for at least once every 6 days. The Action and Limit Level for 1-hr TSP and 24-hr TSP are provided in **Table 2.1** and **Table 2.2**, respectively.

Table 2.1 Action and Limit Levels for 1-hour TSP

Monitoring Station	Action Level, μg/m^3	Limit Level, μg/m^3
AMS 5 – Ma Wan Chung Village (Tung Chung)	352	500
AMS 6 – Dragonair / CNAC (Group) Building (HKIA)	360	

Table 2.2 Action and Limit Levels for 24-hour TSP

Monitoring Station	Action Level, μg/m^3	Limit Level, μg/m^3
AMS 5 – Ma Wan Chung Village (Tung Chung)	164	260
AMS 6 – Dragonair / CNAC (Group) Building (HKIA)	173	260

2.2 Monitoring Equipment

2.2.1 24-hour TSP air quality monitoring was performed using High Volume Sampler (HVS) located at each designated monitoring station. The HVS meets all the requirements of the Contract Specific EM&A Manual. Portable direct reading dust meters were used to carry out the 1-hour TSP monitoring. Brand and model of the equipment is given in **Table 2.3**.

Table 2.3 Air Quality Monitoring Equipment

Equipment	Brand and Model
Portable direct reading dust meter (1-hour TSP)	Sibata Digital Dust Monitor (Model No. LD-3B)
High Volume Sampler (24-hour TSP)	Tisch Environmental Mass Flow Controlled Total Suspended Particulate (TSP) High Volume Air Sampler (Model No. TE-5170)

2.3 Monitoring Locations

2.3.1 Monitoring locations AMS5 and AMS6 were set up at the proposed locations in accordance with Contract Specific EM&A Manual.

2.3.2 **Figure 2.1** shows the locations of monitoring stations. **Table 2.4** describes the details of the monitoring stations.

Table 2.4 Locations of Impact Air Quality Monitoring Stations

Monitoring Station	Location
AMS5	Ma Wan Chung Village (Tung Chung)
AMS6	Dragonair / CNAC (Group) Building (HKIA)

2.4 Monitoring Parameters, Frequency and Duration

2.4.1 **Table 2.5** summarizes the monitoring parameters, frequency and duration of impact TSP monitoring.

Table 2.5 Air Quality Monitoring Parameters, Frequency and Duration

Parameter	Frequency and Duration
1-hour TSP	Three times every 6 days while the highest dust impact was expected
24-hour TSP	Once every 6 days

2.5 Monitoring Methodology

2.5.1 24-hour TSP Monitoring

(a) The HVS was installed in the vicinity of the air sensitive receivers. The following criteria were considered in the installation of the HVS.

(i) A horizontal platform with appropriate support to secure the sampler against gusty wind was provided.

(ii) The distance between the HVS and any obstacles, such as buildings, was at least twice the height that the obstacle protrudes above the HVS.

(iii) A minimum of 2 meters separation from walls, parapets and penthouse for rooftop sampler.

(iv) No furnace or incinerator flues nearby.

(v) Airflow around the sampler was unrestricted.

(vi) Permission was obtained to set up the samplers and access to the monitoring stations.

(vii) A secured supply of electricity was obtained to operate the samplers.

(viii) The sampler was located more than 20 meters from any dripline.

(ix) Any wire fence and gate, required to protect the sampler, did not obstruct the monitoring process.

(x) Flow control accuracy was kept within ±2.5% deviation over 24-hour sampling period.

(b) Preparation of Filter Papers

(i) Glass fibre filters, G810 were labelled and sufficient filters that were clean and without pinholes were selected.

(ii) All filters were equilibrated in the conditioning environment for 24 hours before weighing. The conditioning environment temperature was around 25 ℃ and not variable by more than ±3 ℃; the relative humidity (RH) was < 50% and not variable by more than ±5%. A convenient working RH was 40%.

(iii) All filter papers were prepared and analysed by ALS Technichem (HK) Pty Ltd., which is a HOKLAS accredited laboratory and has comprehensive quality assurance and quality control programmes.

(c) Field Monitoring

(i) The power supply was checked to ensure the HVS works properly.

(ii) The filter holder and the area surrounding the filter were cleaned.

(iii) The filter holder was removed by loosening the four bolts and a new filter, with stamped number upward, on a supporting screen was aligned carefully.

(iv) The filter was properly aligned on the screen so that the gasket formed an airtight seal on the outer edges of the filter.

(v) The swing bolts were fastened to hold the filter holder down to the frame. The pressure applied was sufficient to avoid air leakage at the edges.

(vi) Then the shelter lid was closed and was secured with the aluminium strip.

(vii) The HVS was warmed-up for about 5 minutes to establish run-temperature conditions.

(viii) A new flow rate record sheet was set into the flow recorder.

(ix) On site temperature and atmospheric pressure readings were taken and the flow rate of the HVS was checked and adjusted at around 1.1 m^3/min, and complied with the range specified in the Updated EM&A Manual for HKLR (Version 1.0) (i.e. 0.6-1.7 m^3/min).

(x) The programmable digital timer was set for a sampling period of 24 hours, and the starting time, weather condition and the filter number were recorded.

(xi) The initial elapsed time was recorded.

(xii) At the end of sampling, on site temperature and atmospheric pressure readings were taken and the final flow rate of the HVS was checked and recorded.

(xiii) The final elapsed time was recorded.

(xiv) The sampled filter was removed carefully and folded in half length so that only surfaces with collected particulate matter were in contact.

(xv) It was then placed in a clean plastic envelope and sealed.

(xvi) All monitoring information was recorded on a standard data sheet.

(xvii) Filters were then sent to ALS Technichem (HK) Pty Ltd. For analysis.

(d) Maintenance and Calibration

(i) The HVS and its accessories were maintained in good working condition, such as replacing motor brushes routinely and checking electrical wiring to ensure a continuous power supply.

(ii) 5-point calibration of the HVS was conducted using TE-5025A Calibration Kit prior to the commencement of baseline monitoring. Bi-monthly 5-point calibration of the HVS will be carried out during impact monitoring.

(iii) Calibration certificate of the HVSs are provided in **Appendix C**.

2.5.2 1-hour TSP Monitoring

(a) Measuring Procedures

The measuring procedures of the 1-hour dust meter were in accordance with the Manufacturer's Instruction Manual as follows:-

(i) Turn the power on.

(ii) Close the air collecting opening cover.

(iii) Push the "TIME SETTING" switch to [BG].

(iv) Push "START/STOP" switch to perform background measurement for 6 seconds.

(v) Turn the knob at SENSI ADJ position to insert the light scattering plate.

(vi) Leave the equipment for 1 minute upon "SPAN CHECK" is indicated in the display.

(vii) Push "START/STOP" switch to perform automatic sensitivity adjustment. This measurement takes 1 minute.

(viii) Pull out the knob and return it to MEASURE position.

(ix) Push the "TIME SETTING" switch the time set in the display to 3 hours.

(x) Lower down the air collection opening cover.

(xi) Push "START/STOP" switch to start measurement.

(b) Maintenance and Calibration

(i) The 1-hour TSP meter was calibrated at 1-year intervals against a Tisch Environmental Mass Flow Controlled Total Suspended Particulate (TSP) High Volume Air Sampler. Calibration certificates of the Laser Dust Monitors are provided in **Appendix C**.

2.6 Monitoring Schedule for the Reporting Month

2.6.1 The schedule for air quality monitoring in July 2014 is provided in **Appendix D**.

2.7 Monitoring Results

2.7.1 The monitoring results for 1-hour TSP and 24-hour TSP are summarized in **Tables 2.6** and **2.7** respectively. Detailed impact air quality monitoring results and relevant graphical plots are presented in **Appendix E**.

Table 2.6 Summary of 1-hour TSP Monitoring Results During the Reporting Month

Monitoring Station	Average ($\mu g/m^3$)	Range ($\mu g/m^3$)	Action Level ($\mu g/m^3$)	Limit Level ($\mu g/m^3$)
AMS5	16	4 - 52	352	500
AMS6	26	6 - 98	360	500

Table 2.7 Summary of 24-hour TSP Monitoring Results During the Reporting Month

Monitoring Station	Average ($\mu g/m^3$)	Range ($\mu g/m^3$)	Action Level ($\mu g/m^3$)	Limit Level ($\mu g/m^3$)
AMS5	35	17 - 66	164	260
AMS6	47	23 - 98	173	260

2.7.2 No Action and Limit Level exceedances were recorded at all monitoring stations during this reporting month.

2.7.3 The event action plan is annexed in **Appendix F**.

2.7.4 There were technical problems of the on-site weather station from 2 to 7 July 2014, from 14 to 22 July 2014 and 28 July 2014. As the wind data could not be monitored, the wind data during this period were reference to the wind data obtained from Hong Kong Observatory's Chek Lap Kok weather station. The wind data obtained from the on-site weather station during the reporting month is shown in **Appendix G**.

3 Noise Monitoring

3.1 Monitoring Requirements

3.1.1 In accordance with the Contract Specific EM&A Manual, impact noise monitoring was conducted for at least once per week during the construction phase of the Project. The Action and Limit level of the noise monitoring is provided in **Table 3.1**.

Table 3.1 Action and Limit Levels for Noise during Construction Period

Monitoring Station	Time Period	Action Level	Limit Level
NMS5 – Ma Wan Chung Village (Ma Wan Chung Resident Association) (Tung Chung)	0700-1900 hours on normal weekdays	When one documented complaint is received	75 dB(A)

3.2 Monitoring Equipment

3.2.1 Noise monitoring was performed using sound level meters at each designated monitoring station. The sound level meters deployed comply with the International Electrotechnical Commission Publications (IEC) 651:1979 (Type 1) and 804:1985 (Type 1) specifications. Acoustic calibrator was deployed to check the sound level meters at a known sound pressure level. Brand and model of the equipment are given in **Table 3.2**.

Table 3.2 Noise Monitoring Equipment

Equipment	Brand and Model
Integrated Sound Level Meter	B&K 2238
Acoustic Calibrator	B&K 4231

3.3 Monitoring Locations

3.3.1 Monitoring location NMS5 was set up at the proposed locations in accordance with Contract Specific EM&A Manual.

3.3.2 **Figure 2.1** shows the locations of monitoring stations. **Table 3.3** describes the details of the monitoring stations.

Table 3.3 Locations of Impact Noise Monitoring Stations

Monitoring Station	Location
NMS5	Ma Wan Chung Village (Ma Wan Chung Resident Association) (Tung Chung)

3.4 Monitoring Parameters, Frequency and Duration

3.4.1 **Table 3.4** summarizes the monitoring parameters, frequency and duration of impact noise monitoring.

Table 3.4 Noise Monitoring Parameters, Frequency and Duration

Parameter	Frequency and Duration
30-mins measurement at each monitoring station between 0700 and 1900 on normal weekdays (Monday to Saturday). L_{eq}, L_{10} and L_{90} would be recorded.	At least once per week

3.5 Monitoring Methodology

3.5.1 Monitoring Procedure

(a) The sound level meter was set on a tripod at a height of 1.2 m above the podium for free-field measurements at NMS5. A correction of +3 dB(A) shall be made to the free field measurements.

(b) The battery condition was checked to ensure the correct functioning of the meter.

(c) Parameters such as frequency weighting, the time weighting and the measurement time were set as follows:-

(i) frequency weighting: A

(ii) time weighting: Fast

(iii) time measurement: $L_{eq(30\text{-}minutes)}$ during non-restricted hours i.e. 07:00 – 1900 on normal weekdays

(e) Prior to and after each noise measurement, the meter was calibrated using the acoustic calibrator for 94.0 dB(A) at 1000 Hz. If the difference in the calibration level before and after measurement was more than 1.0 dB(A), the measurement would be considered invalid and repeat of noise measurement would be required after re-calibration or repair of the equipment.

(f) During the monitoring period, the L_{eq}, L_{10} and L_{90} were recorded. In addition, site conditions and noise sources were recorded on a standard record sheet.

(g) Noise measurement was paused during periods of high intrusive noise (e.g. dog barking, helicopter noise) if possible. Observations were recorded when intrusive noise was unavoidable.

(h) Noise monitoring was cancelled in the presence of fog, rain, wind with a steady speed exceeding 5m/s, or wind with gusts exceeding 10m/s. The wind speed shall be checked with a portable wind speed meter capable of measuring the wind speed in m/s.

3.5.2 Maintenance and Calibration

(a) The microphone head of the sound level meter was cleaned with soft cloth at regular intervals.

(b) The meter and calibrator were sent to the supplier or HOKLAS laboratory to check and calibrate at yearly intervals.

(c) Calibration certificates of the sound level meters and acoustic calibrators are provided in **Appendix C**.

3.6 Monitoring Schedule for the Reporting Month

3.6.1 The schedule for construction noise monitoring in July 2014 is provided in **Appendix D**.

3.7 Monitoring Results

3.7.1 The monitoring results for construction noise are summarized in **Table 3.5** and the monitoring results and relevant graphical plots are provided in **Appendix E.**

Table 3.5 Summary of Construction Noise Monitoring Results During the Reporting Month

Monitoring Station	Average $L_{eq\ (30\ mins)}$, dB(A)	Range of $L_{eq\ (30\ mins)}$, dB(A)	Limit Level $L_{eq\ (30\ mins)}$, dB(A)
NMS5	60	56 –66	75

*A correction factor of +3dB(A) from free field to facade measurement was included.

3.7.2 There were no Action and Limit Level exceedances for noise during daytime on normal weekdays of the reporting month.

3.7.3 Major noise sources during the noise monitoring included construction activities of the Contract and nearby traffic noise.

3.7.4 The event action plan is annexed in **Appendix F.**

4 Water Quality Monitoring

4.1 Monitoring Requirements

4.1.1 Impact water quality monitoring was carried out to ensure that any deterioration of water quality was detected, and that timely action was taken to rectify the situation. For impact water quality monitoring, measurements were taken in accordance with the Contract Specific EM&A Manual. **Table 4.1** shows the established Action/Limit Levels for the environmental monitoring works. The ET proposed to amend the Acton Level and Limit Level for turbidity and suspended solid and EPD approved ET's proposal on 25 March 2013. Therefore, Action Level and Limit Level for the Contract have been changed since 25 March 2013.

4.1.2 The original and revised Action Level and Limit Level for turbidity and suspended solid are shown in **Table 4.1**.

Table 4.1 Action and Limit Levels for Water Quality

Parameter (unit)	Water Depth	Action Level	Limit Level
Dissolved Oxygen (mg/L) (surface, middle and bottom)	Surface and Middle	5.0	4.2 except 5 for Fish Culture Zone
	Bottom	4.7	3.6
Turbidity (NTU)	Depth average	27.5 or 120% of upstream control station's turbidity at the same tide of the same day; The action level has been amended to "27.5 ***and*** 120% of upstream control station's turbidity at the same tide of the same day" since 25 March 2013.	47.0 or 130% of turbidity at the upstream control station at the same tide of same day; The limit level has been amended to "47.0 ***and*** 130% of turbidity at the upstream control station at the same tide of same day" since 25 March 2013.
Suspended Solid (SS) (mg/L)	Depth average	23.5 or 120% of upstream control station's SS at the same tide of the same day; The action level has been amended to "23.5 ***and*** 120% of upstream control station's SS at the same tide of the same day" since 25 March 2013.	34.4 or 130% of SS at the upstream control station at the same tide of same day and 10mg/L for Water Services Department Seawater Intakes; The limit level has been amended to "34.4 ***and*** 130% of SS at the upstream control station at the same tide of same day and 10mg/L for Water Services Department Seawater Intakes" since 25 March 2013

Notes:
(1) Depth-averaged is calculated by taking the arithmetic means of reading of all three depths.
(2) For DO, non-compliance of the water quality limit occurs when monitoring result is lower that the limit.
(3) For SS & turbidity non-compliance of the water quality limits occur when monitoring result is higher

than the limits.

(4) The change to the Action and limit Levels for Water Quality Monitoring for the EM&A works was approved by EPD on 25 March 2013.

4.2 Monitoring Equipment

4.2.1 **Table 4.2** summarises the equipment used in the impact water quality monitoring programme.

Table 4.2 Water Quality Monitoring Equipment

Equipment	Brand and Model
DO and Temperature Meter, Salinity Meter, Turbidimeter and pH Meter	YSI Model 6820 V2-M, 650
Positioning Equipment	DGPS – KODEN : KGP913MkII, KBG3
Water Depth Detector	Layin Associates: SM-5 & SM5A
Water Sampler	Wildlife Supply Company : 5487-10

4.3 Monitoring Parameters, Frequency and Duration

4.3.1 **Table 4.3** summarises the monitoring parameters, frequency and monitoring depths of impact water quality monitoring as required in the Contract Specific EM&A Manual.

Table 4.3 Impact Water Quality Monitoring Parameters and Frequency

Monitoring Stations	Parameter, unit	Frequency	No. of depth
Impact Stations: IS5, IS(Mf)6, IS7, IS8, IS(Mf)9 & IS10, Control/Far Field Stations: CS2 & CS(Mf)5, Sensitive Receiver Stations: SR3, SR4, SR5, SR10A & SR10B	• Depth, m • Temperature, °C • Salinity, ppt • Dissolved Oxygen (DO), mg/L • DO Saturation, % • Turbidity, NTU • pH • Suspended Solids (SS), mg/L	Three times per week during mid-ebb and mid-flood tides (within ± 1.75 hour of the predicted time)	3 (1 m below water surface, mid-depth and 1 m above sea bed, except where the water depth is less than 6 m, in which case the mid-depth station may be omitted. Should the water depth be less than 3 m, only the mid-depth station will be monitored).

4.4 Monitoring Locations

4.4.1 In accordance with the Contract Specific EM&A Manual, thirteen stations (6 Impact Stations, 5 Sensitive Receiver Stations and 2 Control Stations) were designated for impact water quality monitoring. The six Impact Stations (IS) were chosen on the basis of their proximity to the reclamation and thus the greatest potential for water quality impacts, the five Sensitive Receiver Stations (SR) were chosen as they are close to the key sensitive receives and the two Control Stations (CS) were chosen to facilitate comparison of the water quality of the IS stations with less influence by the Project/ ambient water quality conditions.

4.4.2 The locations of these monitoring stations are summarized in **Table 4.4** and shown in **Figure 2.1**.

Table 4.4 Impact Water Quality Monitoring Stations

Monitoring Stations	Description	Coordinates	
		Easting	Northing
IS5	Impact Station (Close to HKLR construction site)	811579	817106
IS(Mf)6	Impact Station (Close to HKLR construction site)	812101	817873
IS7	Impact Station (Close to HKBCF construction site)	812244	818777
IS8	Impact Station (Close to HKBCF construction site)	814251	818412
IS(Mf)9	Impact Station (Close to HKBCF construction site)	813273	818850
IS10	Impact Station (Close to HKBCF construction site)	812577	820670
SR3	Sensitive receivers (San Tau SSSI)	810525	816456
SR4	Sensitive receivers (Tai Ho Inlet)	814760	817867
SR5	Sensitive receivers (Artificial Reef In NE Airport)	811489	820455
SR10A	Sensitive receivers (Ma Wan Fish Culture Zone)	823741	823495
SR10B	Sensitive receivers (Ma Wan Fish Culture Zone)	823686	823213
CS2	Control Station (Mid-Ebb)	805849	818780
CS(Mf)5	Control Station (Mid-Flood)	817990	821129

4.5 Monitoring Methodology

4.5.1 Instrumentation

(a) The in-situ water quality parameters including dissolved oxygen, temperature, salinity and turbidity, pH were measured by multi-parameter meters.

4.5.2 Operating/Analytical Procedures

(a) Digital Differential Global Positioning Systems (DGPS) were used to ensure that the correct location was selected prior to sample collection.

(b) Portable, battery-operated echo sounders were used for the determination of water depth at each designated monitoring station.

(c) All in-situ measurements were taken at 3 water depths, 1 m below water surface, mid-depth and 1 m above sea bed, except where the water depth was less than 6 m, in which case the mid-depth station was omitted. Should the water depth be less than 3 m, only the mid-depth station was monitored.

(d) At each measurement/sampling depth, two consecutive in-situ monitoring (DO concentration and saturation, temperature, turbidity, pH, salinity) and water sample for SS. The probes were retrieved out of the water after the first measurement and then re-deployed for the second measurement. Where the difference in the value between the first and second readings of DO or turbidity parameters was more than 25% of the value of the first reading, the reading was discarded and further readings were taken.

(e) Duplicate samples from each independent sampling event were collected for SS measurement. Water samples were collected using the water samplers and the samples were stored in high-density polythene bottles. Water samples collected were well-mixed in the water sampler prior to pre-rinsing and transferring to sample bottles. Sample bottles were pre-rinsed with the same water samples. The sample bottles were then be packed in cool-boxes (cooled at 4^{o}C without being frozen), and delivered to ALS Technichem (HK) Pty Ltd. for the analysis of suspended solids concentrations. The laboratory determination work would be started within 24 hours after collection of

the water samples. ALS Technichem (HK) Pty Ltd. is a HOKLAS accredited laboratory and has comprehensive quality assurance and quality control programmes.

(f) The analysis method and detection limit for SS is shown in **Table 4.5**.

Table 4.5 Laboratory Analysis for Suspended Solids

Parameters	Instrumentation	Analytical Method	Detection Limit
Suspended Solid (SS)	Weighting	APHA 2540-D	0.5mg/L

(g) Other relevant data were recorded, including monitoring location / position, time, water depth, tidal stages, weather conditions and any special phenomena or work underway at the construction site in the field log sheet for information.

4.5.3 Maintenance and Calibrations

(a) All in situ monitoring instruments would be calibrated by ALS Technichem (HK) Pty Ltd. before use and at 3-monthly intervals throughout all stages of the water quality monitoring programme. The procedures of performance check of sonde and testing results are provided in **Appendix C.**

4.6 Monitoring Schedule for the Reporting Month

4.6.1 The schedule for impact water quality monitoring in July 2014 is provided in **Appendix D.**

4.7 Monitoring Results

4.7.1 Impact water quality monitoring was conducted at all designated monitoring stations during the reporting month. Impact water quality monitoring results and relevant graphical plots are provided in **Appendix E.**

4.7.2 Number of exceedances recorded during the reporting month at each impact station are summarised in **Table 4.6.**

Table 4.6 Summary of Water Quality Exceedances

Station	Exceedance Level	DO (S&M)		DO (Bottom)		Turbidity		SS		Total number of exceedances	
		Ebb	Flood	Ebb	Flood	Ebb	Flood	Ebb	Flood	Ebb	Flood
IS5	Action Level	--	--	--	--	--	--	--	--	0	0
	Limit Level	--	--	--	--	--	--	--	--	0	0
IS(Mf)6	Action Level	--	9 July 2014	--	--	--	--	--	--	0	1
	Limit Level	--	--	--	--	--	--	--	--	0	0
IS7	Action Level	--	--	--	--	--	--	--	--	0	0
	Limit Level	--	--	--	--	--	--	--	--	0	0
IS8	Action Level	--	--	--	--	--	--	--	--	0	0
	Limit Level	--	--	--	--	--	--	--	--	0	0
IS(Mf)9	Action Level	--	--	--	--	--	--	--	--	0	0
	Limit Level	--	--	--	--	--	--	--	--	0	0
IS10	Action Level	--	--	--	--	--	--	--	--	0	0
	Limit Level	--	--	--	--	--	--	--	--	0	0

Station	Exceedance Level	DO (S&M)		DO (Bottom)		Turbidity		SS		Total number of exceedances	
		Ebb	Flood	Ebb	Flood	Ebb	Flood	Ebb	Flood	Ebb	Flood
SR3	Action Level	--	--	--	--	--	--	--	--	0	0
	Limit Level	--	--	--	--	--	--	--	--	0	0
SR4	Action Level	--	--	--	--	--	--	--	--	0	0
	Limit Level	--	--	--	--	--	--	--	--	0	0
SR5	Action Level	--	--	--	--	--	--	--	--	0	0
	Limit Level	--	--	--	--	--	--	--	--	0	0
SR10A	Action Level	--	--	--	--	--	--	--	--	0	0
	Limit Level	--	--	--	--	--	--	--	--	0	0
SR10B	Action Level	--	--	--	--	--	--	--	--	0	0
	Limit Level	--	--	--	--	--	--	--	--	0	0
Total	**Action**	0	1	0	0	0	0	0	0	1**	
	Limit	0	0	0	0	0	0	0	0	0**	

Notes:
S: Surface;
M: Mid-depth;
** The total number of exceedances

4.7.3 During the reporting month, an Action Level (AL) exceedance of dissolved oxygen was recorded.

4.7.4 On 9 July 2014, an Action Level exceedance of dissolved oxygen was recorded at station IS(Mf)6 during the mid-flood tide. Stone column works and construction of seawall at Zone 1 were carried out within silt curtain as recommended in the EIA report. There were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results. The exceedance of dissolved oxygen was considered to be attributed to other external factors, rather than the contract works. Therefore, the exceedance was considered as non-contract related.

4.7.5 Water quality impact sources during the water quality monitoring were the construction activities of the Contract, nearby construction activities by other parties and nearby operating vessels by other parties.

4.7.6 The event action plan is annexed in **Appendix F**.

5 Dolphin Monitoring

5.1 Monitoring Requirements

5.1.1 Impact dolphin monitoring is required to be conducted by a qualified dolphin specialist team to evaluate whether there have been any effects on the dolphins.

5.1.2 The Action Level and Limit Level for dolphin monitoring are shown in **Table 5.1**.

Table 5.1 Action and Limit Levels for Dolphin Monitoring

	North Lantau Social Cluster	
	NEL	**NWL**
Action Level	STG < 4.2 & ANI < 15.5	STG < 6.9 & ANI < 31.3
Limit Level	(STG < 2.4 & ANI < 8.9) and (STG < 3.9 & ANI < 17.9)	

Remarks:

1. STG means quarterly encounter rate of number of dolphin sightings.
2. ANI means quarterly encounter rate of total number of dolphins.
3. For North Lantau Social Cluster, AL will be trigger if either NEL **or** NWL fall below the criteria; LL will be triggered if both NEL **and** NWL fall below the criteria.

5.1.3 The revised Event and Action Plan for dolphin Monitoring was approved by EPD in 6 May 2013. The revised Event and Action Plan is annexed in **Appendix F.**

5.2 Monitoring Methodology

Vessel-based Line-transect Survey

5.2.1 According to the requirements of the Updated EM&A Manual for HKLR (Version 1.0), dolphin monitoring programme should cover all transect lines in NEL and NWL survey areas (see **Figure 1 of Appendix H**) twice per month. The co-ordinates of all transect lines are shown in **Table 5.2**.

Table 5.2 Co-ordinates of Transect Lines

Line No.		Easting	Northing		Line No.		Easting	Northing
1	Start Point	804671	814577		13	Start Point	816506	819480
1	End Point	804671	831404		13	End Point	816506	824859
2	Start Point	805475	815457		14	Start Point	817537	820220
2	End Point	805477	826654		14	End Point	817537	824613
3	Start Point	806464	819435		15	Start Point	818568	820735
3	End Point	806464	822911		15	End Point	818568	824433
4	Start Point	807518	819771		16	Start Point	819532	821420
4	End Point	807518	829230		16	End Point	819532	824209
5	Start Point	808504	820220		17	Start Point	820451	822125
5	End Point	808504	828602		17	End Point	820451	823671
6	Start Point	809490	820466		18	Start Point	821504	822371
6	End Point	809490	825352		18	End Point	821504	823761
7	Start Point	810499	820690		19	Start Point	822513	823268
7	End Point	810499	824613		19	End Point	822513	824321

Line No.		Easting	Northing		Line No.		Easting	Northing
8	Start Point	811508	820847		20	Start Point	823477	823402
8	End Point	811508	824254		20	End Point	823477	824613
9	Start Point	812516	820892		21	Start Point	805476	827081
9	End Point	812516	824254		21	End Point	805476	830562
10	Start Point	813525	820872		22	Start Point	806464	824033
10	End Point	813525	824657		22	End Point	806464	829598
11	Start Point	814556	818449		23	Start Point	814559	821739
11	End Point	814556	820992		23	End Point	814559	824768
12	Start Point	815542	818807					
12	End Point	815542	824882					

5.2.2 The survey team used standard line-transect methods (Buckland et al. 2001) to conduct the systematic vessel surveys, and followed the same technique of data collection that has been adopted over the last 16 years of marine mammal monitoring surveys in Hong Kong developed by HKCRP (see Hung 2012, 2013). For each monitoring vessel survey, a 15-m inboard vessel with an open upper deck (about 4.5 m above water surface) was used to make observations from the flying bridge area.

5.2.3 Two experienced observers (a data recorder and a primary observer) made up the on-effort survey team, and the survey vessel transited different transect lines at a constant speed of 13-15 km per hour. The data recorder searched with unaided eyes and filled out the datasheets, while the primary observer searched for dolphins and porpoises continuously through 7 x 50 Fujinon marine binoculars. Both observers searched the sea ahead of the vessel, between 270° and 90° (in relation to the bow, which is defined as 0°). One to two additional experienced observers were available on the boat to work in shift (i.e. rotate every 30 minutes) in order to minimize fatigue of the survey team members. All observers were experienced in small cetacean survey techniques and identifying local cetacean species.

5.2.4 During on-effort survey periods, the survey team recorded effort data including time, position (latitude and longitude), weather conditions (Beaufort sea state and visibility), and distance travelled in each series (a continuous period of search effort) with the assistance of a handheld GPS (*Garmin eTrex Legend*).

5.2.5 Data including time, position and vessel speed were also automatically and continuously logged by handheld GPS throughout the entire survey for subsequent review.

5.2.6 When dolphins were sighted, the survey team would end the survey effort, and immediately record the initial sighting distance and angle of the dolphin group from the survey vessel, as well as the sighting time and position. Then the research vessel was diverted from its course to approach the animals for species identification, group size estimation, assessment of group composition, and behavioural observations. The perpendicular distance (PSD) of the dolphin group to the transect line was later calculated from the initial sighting distance and angle.

5.2.7 Survey effort being conducted along the parallel transect lines that were perpendicular to the coastlines (as indicated in **Figure 1 of Appendix H**) was labeled as “primary” survey effort, while the survey effort conducted along the connecting lines between parallel lines was labeled as “secondary” survey effort. According to HKCRP long-term dolphin monitoring data, encounter rates of Chinese white dolphins deduced from effort and sighting data collected along primary and secondary liens were similar in NEL and NWL survey areas. Therefore, both primary and secondary survey effort were presented as on-effort survey effort in this report.

5.2.8 Encounter rates of Chinese White Dolphins (number of on-effort sightings per 100 km of survey effort and number of dolphins from all on-effort sightings per 100 km of survey effort)

were calculated in NEL and NWL survey areas in relation to the amount of survey effort conducted during each month of monitoring survey. Only data collected under Beaufort 3 or below condition would be used for encounter rate analysis. Dolphin encounter rates were calculated using primary survey effort alone, as well as the combined survey effort from both primary and secondary lines.

Photo-identification Work

5.2.9 When a group of Chinese White Dolphins were sighted during the line-transect survey, the survey team would end effort and approach the group slowly from the side and behind to take photographs of them. Every attempt was made to photograph every dolphin in the group, and even photograph both sides of the dolphins, since the colouration and markings on both sides may not be symmetrical.

5.2.10 A professional digital cameras (Canon EOS 7D and 60D models), equipped with long telephoto lenses (100-400 mm zoom), were available on board for researchers to take sharp, close-up photographs of dolphins as they surfaced. The images were shot at the highest available resolution and stored on Compact Flash memory cards for downloading onto a computer.

5.2.11 All digital images taken in the field were first examined, and those containing potentially identifiable individuals were sorted out. These photographs would then be examined in greater detail, and were carefully compared to the existing Chinese White Dolphin photo-identification catalogue maintained by HKCRP since 1995.

5.2.12 Chinese White Dolphins can be identified by their natural markings, such as nicks, cuts, scars and deformities on their dorsal fin and body, and their unique spotting patterns were also used as secondary identifying features (Jefferson 2000).

5.2.13 All photographs of each individual were then compiled and arranged in chronological order, with data including the date and location first identified (initial sighting), re-sightings, associated dolphins, distinctive features, and age classes entered into a computer database. Detailed information on all identified individuals will be further presented as appendix in the quarterly EM&A report.

5.3 Monitoring Results

Vessel-based Line-transect Survey

5.3.1 During the month of July 2014, two sets of systematic line-transect vessel surveys were conducted on 3rd, 9th, 10th, 14th and 21st to cover all transect lines in NWL and NEL survey areas twice. The survey routes of each survey day are presented in **Figures 2 to 6 of Appendix H**. Notably, the second line in NEL survey area just to the east of HKBCF (i.e. line #11) has been partially blocked by the silt curtain that surrounded the HKBCF reclamation site since August 2013, and the research vessel has been traveling around the edge of the expanded silt curtain for that section of the transect line rather than on a straight line.

5.3.2 From these surveys, a total of 296.14 km of survey effort was collected, with 97.1% of the total survey effort being conducted under favourable weather conditions (i.e. Beaufort Sea State 3 or below with good visibility) **(Annex I of Appendix H)**. Among the two areas, 111.31 km and 184.83 km of survey effort were collected from NEL and NWL survey areas respectively. In addition, the total survey effort conducted on primary lines was 219.30 km, while the effort on secondary lines was 76.84 km.

5.3.3 During the two sets of monitoring surveys in July 2014, a total of 12 groups of 41 Chinese White Dolphins were sighted **(Annex II of Appendix H)**. All except one sighting were made in NWL during the two sets of surveys in July, and only one group of four dolphins were sighted NEL. Nine of the 12 sightings were made on primary lines during on-effort search, and none of the dolphin groups was associated with operating fishing vessel.

5.3.4 Distribution of these dolphin sightings made in July 2014 is shown in **Figure 7 of Appendix H**. Most sightings were made near the western territorial boundary with no apparent concentration.

Two sightings were also made to the northeast of airport platform, while the lone sighting made in NEL was made to the north of Yam O (**Figure 7 of Appendix H)**.

5.3.5 Notably, none of the sightings was made near the HKLR03 reclamation site, but one sighting was made in the proximity of the HKBCF reclamation site **(Figure 7 of Appendix H)**. Two sightings were also made adjacent to the HKLR09 alignment, but the dolphins were not sighted near the TM-CLKL alignment **(Figure 7 of Appendix H)**.

5.3.6 During July's surveys encounter rates of Chinese White Dolphins deduced from the survey effort and on-effort sighting data made under favourable conditions (Beaufort 3 or below) are shown in **Table 5.3** and **Table 5.4**.

Table 5.3 Individual Survey Event Encounter Rates

		Encounter rate (STG) (no. of on-effort dolphin sightings per 100 km of survey effort)	**Encounter rate (ANI)** (no. of dolphins from all on-effort sightings per 100 km of survey effort)
		Primary Lines Only	**Primary Lines Only**
NEL	Set 1: Jul 3rd/9th/10th	2.54	10.16
	Set 2: Jul 14th/21st	0.0	0.0
NWL	Set 1: Jul 3rd/9th/10th	3.03	10.61
	Set 2: Jul 14th/21st	8.40	26.60

Remarks:

1. Dolphin Encounter Rates Deduced from the Two Sets of Surveys (Two Surveys in Each Set) in July 2014 in Northeast (NEL) and Northwest Lantau (NWL).

Table 5.4 Monthly Average Encounter Rates

	Encounter rate (STG) (no. of on-effort dolphin sightings per 100 km of survey effort)		**Encounter rate (ANI)** (no. of dolphins from all on-effort sightings per 100 km of survey effort)	
	Primary Lines Only	**Both Primary and Secondary Lines**	**Primary Lines Only**	**Both Primary and Secondary Lines**
Northeast Lantau	1.3	0.9	5.3	3.6
Northwest Lantau	5.8	5.6	18.9	18.6

Remarks:

1. Monthly Average Dolphin Encounter Rates (Sightings Per 100 km of Survey Effort) from All Four Surveys Conducted in July 2014 on Primary Lines only as well as Both Primary Lines and Secondary Lines in Northeast (NEL) and Northwest Lantau (NWL).

5.3.7 The average group size of Chinese White Dolphins in July 2014 was 3.42 individuals per group, which was similar to previous months of dolphin monitoring. Most dolphin groups were composed of 1-5 animals, with only one larger group of seven animals.

Photo-identification Work

5.3.8 Sixteen individual dolphins were sighted 16 times during July's surveys. None of them was sighted more than once during the monitoring month (**Annex III and IV of Appendix H**).

5.3.9 Four well-recognized females, NL93, NL123, NL145 and WL124, were accompanied with their older calves during their re-sightings. These mother-calf pairs have also been sighted regularly in previous months of HKLR03 dolphin monitoring surveys.

Conclusion

5.3.10 During this month of dolphin monitoring, no adverse impact from the activities of this construction project on Chinese White Dolphins was noticeable from general observations.

5.3.11 Due to monthly variation in dolphin occurrence within the study area, it would be more appropriate to draw conclusion on whether any impacts on dolphins have been detected related to the construction activities of this project in the quarterly EM&A report, where comparison on distribution, group size and encounter rates of dolphins between the quarterly impact monitoring period (June-August 2014) and baseline monitoring period (3-month period) will be made.

5.4 Reference

5.4.1 Buckland, S. T., Anderson, D. R., Burnham, K. P., Laake, J. L., Borchers, D. L., and Thomas, L. 2001. Introduction to distance sampling: estimating abundance of biological populations. Oxford University Press, London.

5.4.2 Hung, S. K. 2012. Monitoring of Marine Mammals in Hong Kong waters: final report (2011-12). An unpublished report submitted to the Agriculture, Fisheries and Conservation Department, 171 pp.

5.4.3 Hung, S. K. 2013. Monitoring of Marine Mammals in Hong Kong waters: final report (2012-13). An unpublished report submitted to the Agriculture, Fisheries and Conservation Department, 168 pp.

5.4.4 Jefferson, T. A. 2000. Population biology of the Indo-Pacific hump-backed dolphin in Hong Kong waters. Wildlife Monographs 144:1-65.

6 ENVIRONMENTAL SITE INSPECTION AND AUDIT

6.1 Site Inspection

6.1.1 Site Inspections were carried out on a weekly basis to monitor the implementation of proper environmental pollution control and mitigation measures for the Project. During the reporting month, four site inspections were carried out on 2, 9, 16, 25 and 30 July 2014.

6.1.2 Particular observations during the site inspections are described below.

2 July 2014

(a) Poor condition of noise barrier was found at S16. Maintenance to noise barrier was provided at S16. (This observation was found 11 June 2014 and closed on 2 July 2014.)

(b) Sub-standard wheel washing facilities was found at S25. The standard of wheel washing facilities was enhanced at S25. (This observation was found 11 June 2014 and closed on 2 July 2014.)

(c) No drip tray and chemical label were provided for the unknown chemicals at N4. The unknown chemicals without chemical labels were removed at N4. (This observation was found 27 June 2014 and closed on 2 July 2014.)

(d) Stagnant water was found in the wheel washing at N4. The stagnant water was removed from the wheel washing bay at N4. (This observation was found 27 June 2014 and closed on 2 July 2014.)

(e) Insufficient tree protection was found at N4. The stockpile of sand bags was removed from the trees at N4. (This observation was found 27 June 2014 and closed on 2 July 2014.)

(f) Accumulation of rubbish was found in rubbish disposal area at S15. The accumulated rubbish was removed from the rubbish disposal area at S15. (This observation was found 27 June 2014 and closed on 2 July 2014.)

(g) Leakage of oily film was found from the drip tray at S15. The oily film was removed at S15. (This observation was found 27 June 2014 and closed on 2 July 2014.)

(h) Stagnant water was found in the drip tray at N1. Stagnant water was removed in the drip tray at N1. (This observation was found 27 June 2014 and closed on 2 July 2014.)

(i) Opening of water barrier without cover was observed at N1. The opening of water barrier was sealed at N1. (This observation was found 27 June 2014 and closed on 2 July 2014.)

(j) No sand bags were provided to prevent leakage of muddy water onto the public road at S11-S15. Sand bags were provided to prevent leakage of muddy water onto the public road at S11-S15. (This observation was closed on 9 July 2014.)

(k) Water barriers were stored near the trees at S11-S15. The water barriers stored near the trees were removed at S11-S15. (This observation was closed on 9 July 2014.)

(l) Accumulation of waste was found at S15. The accumulated waste was removed at S15. (This observation was closed on 9 July 2014.)

(m) A chemical container was found without drip tray and chemical label at Chun Ming 83.The chemical container without drip ray and chemical label at Chun Ming 83 was removed. (This observation was closed on 9 July 2014.)

(n) Gaps were found between silt curtain and seashore at S16. Maintenance works were undertaken for the silt curtain and no gaps were found between silt curtain and seashore at S16. (This observation was closed on 9 July 2014.)

(o) Curved silt curtain was found. The curved silt curtain was straightened. (This observation was closed on 9 July 2014.)

(p) Poor condition of noise barriers were found at S16. Proper maintenance was provided for the noise barriers at S16. (This observation was closed on 9 July 2014.)

9 July 2014

(a) The cover of dump truck (number plate: HA196) was found damaged at S15. The damaged dump truck cover (number plate: HA196) was repaired at S15. (This observation was closed on 16 July 2014.)

(b) Curved silt curtain was found. The curved silt curtain was straightened. (This observation was closed on 16 July 2014.)

(c) The drainage system was found blocked by the silt and debris at S23. The silt and debris was cleared out of the drainage system at S23. (This observation was closed on 16 July 2014.)

(d) Accumulation of rubbish was found at S15. The accumulated rubbish was removed at S15. (This observation was closed on 16 July 2014.)

(e) Cement bags were found without cover at S15. The uncovered cement bags were removed at S15. (This observation was closed on 16 July 2014.)

(f) Black smoke emission was observed from vessel Chun Ming 18 at S7. The air filter from the emission system of vessel Chun Ming 18 at S7 was replaced. (This observation was closed on 16 July 2014.)

(g) Stagnant water was found in the H-pile at N4. The stagnant water was removed from the H-pile at N4. (This observation was closed on 16 July 2014.)

(h) The cement mixing plant was found without proper cover at S11. A cover was added to the cement mixing plant at S11. (This observation was closed on 16 July 2014.)

16 July 2014

(a) The water barrier was found damaged at WA6. The opening of water barrier was repaired at WA6. (This observation was closed on 25 July 2014.)

(b) The unpaved road was found dry at S15. The unpaved road was sprayed with water at S15. (This observation was closed on 25 July 2014.)

(c) Curved silt curtain was found. The curved silt curtain was straightened. (This observation was closed on 25July 2014.)

(d) Improper wheel washing facility was provided at the exit of N20 since the site inspection on 16 July 2014. Rectification work is in progress. The Contractor was reminded to provide proper wheel washing facility at the exit of N20. (This observation was still outstanding on 30 July 2014.)

(e) Accumulation of waste of found at S15. Waste was cleared at S15. (This observation was closed on 25 July 2014.)

(f) Stagnant water was found inside a drip tray at N1. Stagnant water inside the drip tray was cleared at N1. (This observation was closed on 25 July 2014.)

25 July 2014

(a) Accumulation of rubbish was found at S15 and N4. Rubbish was removed at S15 and N4. (This observation was closed on 30 July 2014.)

(b) Stagnant water was found in the wheel washing bay at N4. Stagnant water was cleared in the wheel washing bay at N4. (This observation was closed on 30 July 2014.)

(c) Stagnant water was found on the H-beam at N4. Stagnant water was cleared on the H-beam at N4. (This observation was closed on 30 July 2014.)

(d) Oil stain was found in the drip tray at N1. Oil stain in the drip tray was cleared properly at N1. (This observation was closed on 30 July 2014.)

(g) Improper wheel washing facility was provided at the exit of N20 since the site inspection on 16 July 2014.Rectification work is in progress. The Contractor was reminded to provide proper wheel washing facility at the exit of N20. (This observation was still outstanding on 30 July 2014.)

(h) Improper wheel washing facilities were provided at the entrance/exit at S22 since the site inspection on 25 July 2014. Rectification work is in progress. The Contractor was reminded to provide proper wheel washing facility at the entrance/exit of S22. (This observation was still outstanding on 30 July 2014.)

30 July 2014

(a) Poor condition of silt curtain was found. The Contractor was reminded to straighten the curved silt curtain.

(b) Damaged hording was found at S11. The Contractor was reminded to provide maintenance to the damaged hoarding at S11.

(c) Poor condition of noise barriers was found at S16. The Contractor was reminded to provide maintenance to noise barriers at S16.

(d) No drip tray and chemical labels were provided for the chemicals at S25. The Contractor was reminded to provide chemical labels and drip tray for the chemicals at S25.

(e) Dust was generated from the unpaved road at S15. The Contractor was reminded to spray water on the unpaved road at S15.

(f) The cement mixing plant was found without proper cover at the top and 3 sides at S9. The Contractor was reminded to provide proper cover at the top and 3 sides at S9.

(h) Improper wheel washing facility was provided at the exit of N20 since the site inspection on 16 July 2014.Rectification work is in progress. The Contractor was reminded to provide proper wheel washing facility at the exit of N20.

(i) Improper wheel washing facilities were provided at the entrance/exit at S22 since the site inspection on 25 July 2014. Rectification work is in progress. The Contractor was reminded to provide proper wheel washing facility at the entrance/exit of S22.

The Contractor has rectified most of the observations as identified during environmental site inspections during the reporting month. Follow-up actions for outstanding observations will be inspected during the next site inspections.

6.2 Advice on the Solid and Liquid Waste Management Status

6.2.1 The Contractor submitted application form for registration as a chemical waste producer for the Project. Sufficient numbers of receptacles were available for general refuse collection and sorting.

6.2.2 Monthly summary of waste flow table is detailed in **Appendix I**.

6.2.3 The Contractor was reminded that chemical waste containers should be properly treated and stored temporarily in designated chemical waste storage area on site in accordance with the Code of Practise on the Packaging, Labelling and Storage of Chemical Wastes.

6.3 Environmental Licenses and Permits

6.3.1 The valid environmental licenses and permits during the reporting month are summarized in **Appendix K**.

6.4 Implementation Status of Environmental Mitigation Measures

6.4.1 In response to the site audit findings, the Contractors carried out corrective actions.

6.4.2 A summary of the Implementation Schedule of Environmental Mitigation Measures (EMIS) is presented in **Appendix L**. Most of the necessary mitigation measures were implemented properly.

6.4.3 Regular marine travel route for marine vessels were implemented properly in accordance to the submitted plan and relevant records were kept properly.

6.4.4 Dolphin Watching Plan was implemented during the reporting month. No dolphins inside the silt curtain were observed. The relevant records were kept properly.

6.5 Summary of Exceedances of the Environmental Quality Performance Limit

6.5.1 For 1-hour TSP and 24-hour TSP, no Action and Limit Level exceedances were recorded at AMS 5 and AMS 6 during the reporting month.

6.5.2 For construction noise, no Action and Limit Level exceedances were recorded at the monitoring stations during the reporting month.

6.5.3 For marine water quality monitoring, an Action Level exceedance of dissolved oxygen was recorded during the reporting month.

6.6 Summary of Complaints, Notification of Summons and Successful Prosecution

6.6.1 There were no complaints received during the reporting month. The details of cumulative statistics of Environmental Complaints are provided in **Appendix J**.

6.6.2 No notification of summons and prosecution was received during the reporting period.

6.6.3 Statistics on notifications of summons and successful prosecutions are summarized in **Appendix M**.

7 FUTURE KEY ISSUES

7.1 Construction Programme for the Coming Months

7.1.1 As informed by the Contractor, the major construction activities for August 2014 are summarized in **Table 7.1**.

Table 7.1 Construction Activities for August 2014

Site Area	Description of Activities
Portion X	Dismantling/Trimming of Temporary 40mm Stone Platform for Construction of Seawall
Portion X	Stone Column Installation
Portion X	Filling Works behind Stone Platform
Portion X	Band Drains Installation
Portion X	Construction of Seawall
Portion X	Loading and Unloading of Filling Material
Portion X	Temporary Stone Platform Construction
Portion X	Temporary Diversion of Existing Box Culvert
Portion X	Piling works
Kwo Lo Wan / Airport Road	Works for Diversion of Airport Road and Kwo Lo Wan Road
Airport Express Line	Pre-grouting and Pipe Piling Works for AEL Access Shafts
Kwo Lo Wan / Airport Road / Airport Express Line/East Coast Road	Utilities Detection
Airport Road / Airport Express Line/East Coast Road	Establishment of Site Access
Portion Y	Access Shaft Construction for Tunnel
Portion Y	Utility Culvert Excavation
Portion Y	Pipe roofing installation for HAT tunnel
West Portal	Excavation for Tunnel SHT
West Portal	Abutment Construction
West Portal/East Coast Road/ Kwo Lo Wan Road	Transformer Room Construction

7.2 Environmental Monitoring Scheme for the Coming Month

7.2.1 The tentative schedule for environmental monitoring in August 2014 is provided in **Appendix D**.

8 CONCLUSION

8.1 Conclusions

8.1.1 The construction phase and EM&A programme of the Contract commenced on 17 October 2012.

Air Quality

8.1.2 For 1-hour TSP and 24-hour TSP, no Action and Limit Level exceedances were recorded at AMS 5 and AMS 6 during the reporting month.

Noise

8.1.3 For construction noise, no Action and Limit Level exceedances were recorded at the monitoring station during the reporting month.

Water Quality

8.1.4 For marine water quality monitoring, an Action Level exceedance of dissolved oxygen was recorded during the reporting month. No Action and Limit Level exceedance of turbidity and suspended solid level were recorded during the reporting month.

Dolphin

8.1.5 During the July's surveys of the Chinese White Dolphin, no adverse impact from the activities of this construction project on Chinese White Dolphins was noticeable from general observations.

8.1.6 Due to monthly variation in dolphin occurrence within the study area, it would be more appropriate to draw conclusion on whether any impacts on dolphins have been detected related to the construction activities of this project in the quarterly EM&A report, where comparison on distribution, group size and encounter rates of dolphins between the quarterly impact monitoring period (June - August 2014) and baseline monitoring period (3-month period) will be made.

Environmental Site Inspection and Audit

8.1.7 Environmental site inspection was carried out on 2, 9, 16, 25 and 30 July 2014. Recommendations on remedial actions were given to the Contractors for the deficiencies identified during the site inspections.

8.1.8 There were no complaints received during the reporting month.

8.1.9 No notification of summons and prosecution was received during the reporting period.

FIGURES

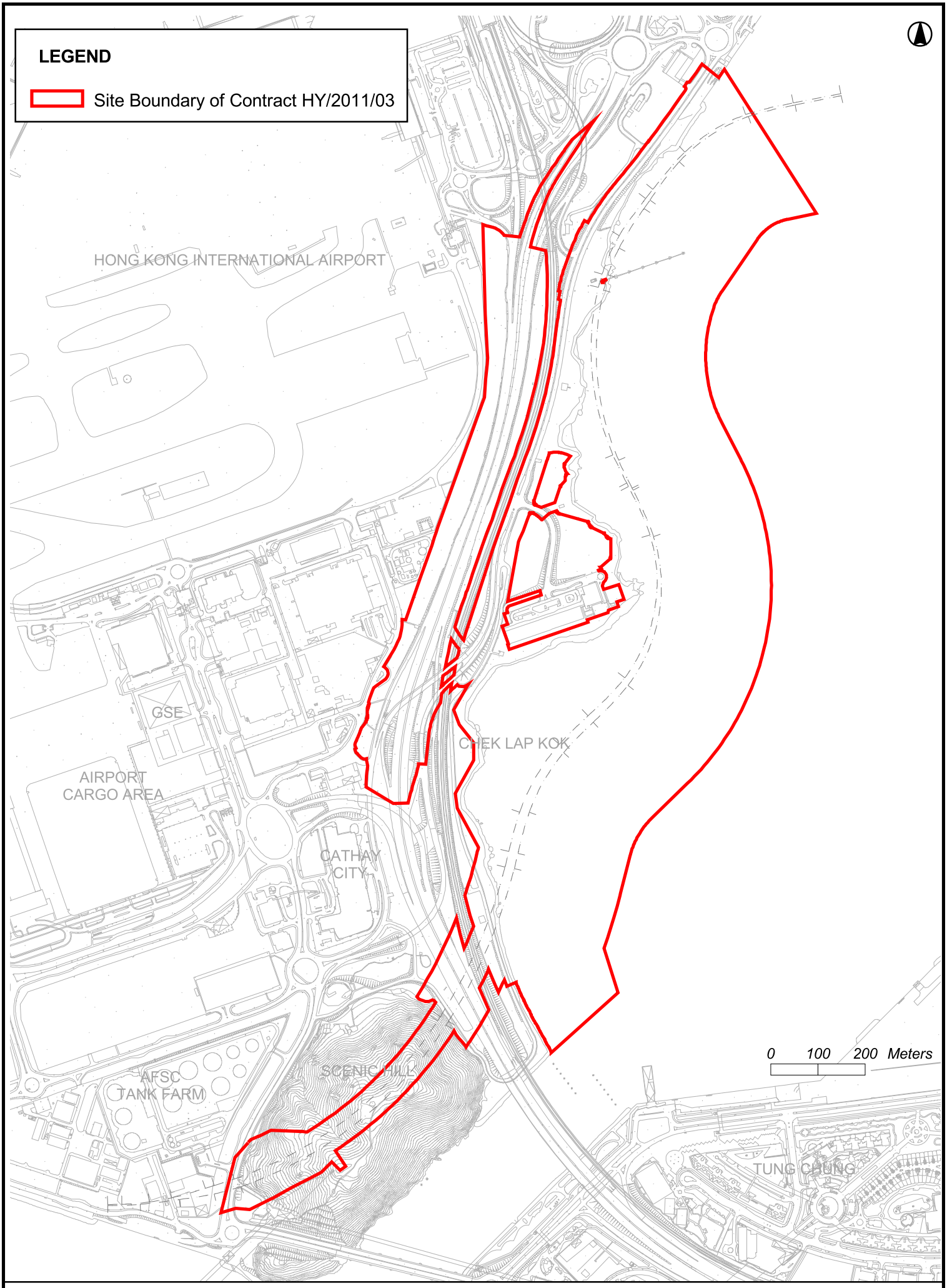
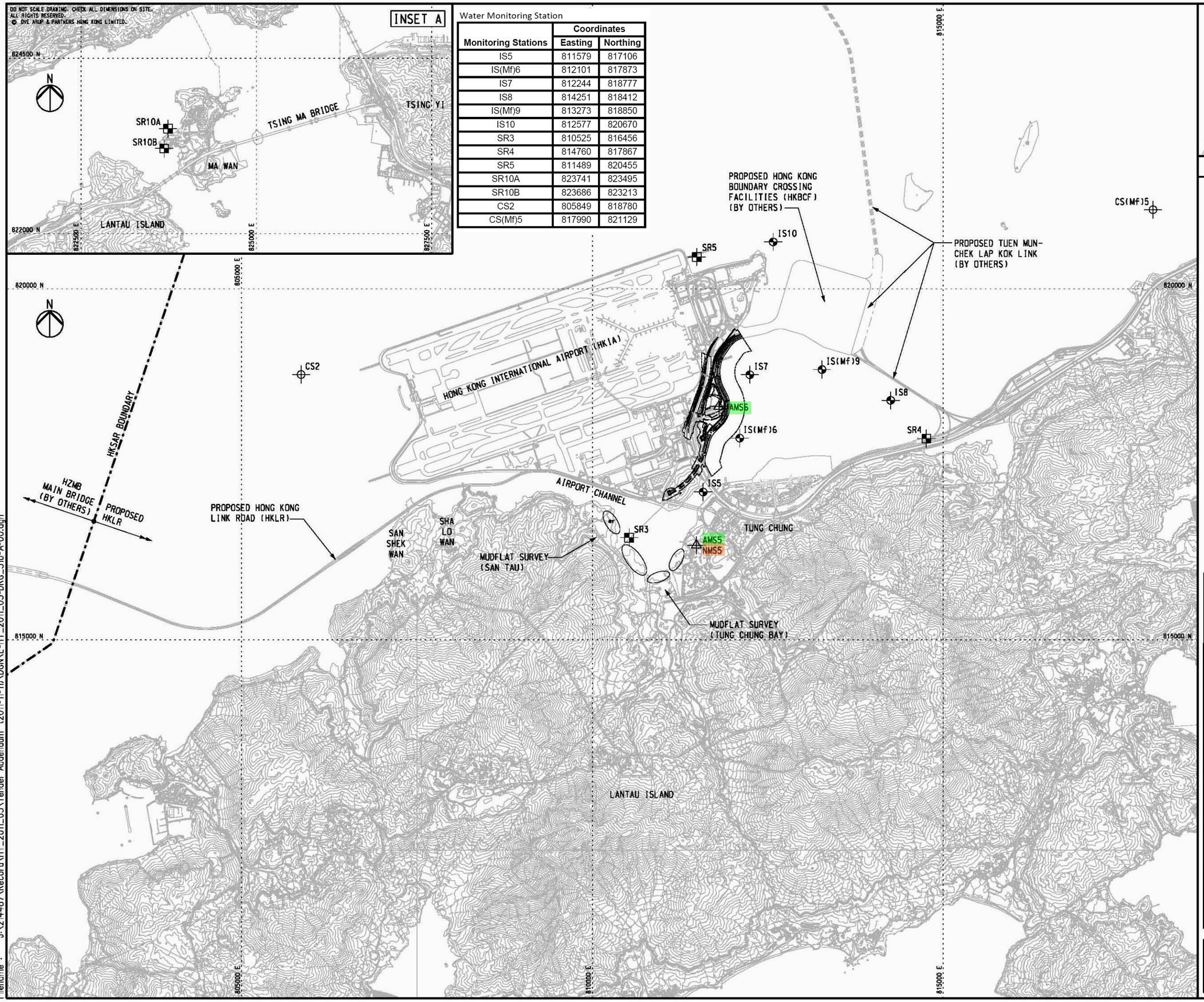


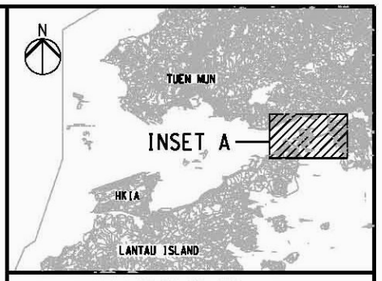
Figure 1.1 Location of the Site

INSET A

Water Monitoring Station

Monitoring Stations	Coordinates	
	Easting	Northing
IS5	811579	817106
IS(Mf)6	812101	817873
IS7	812244	818777
IS8	814251	818412
IS(Mf)9	813273	818850
IS10	812577	820670
SR3	810525	816456
SR4	814760	817867
SR5	811489	820455
SR10A	823741	823495
SR10B	823686	823213
CS2	805849	818780
CS(Mf)5	817990	821129





KEY PLAN

NOTES

1. EXACT LOCATIONS OF MONITORING STATIONS ARE TO BE DETERMINED ON SITE. THE CONTRACTOR AND ENVIRONMENTAL TEAM (ET) SHALL AGREE WITH THE INDEPENDENT ENVIRONMENTAL CHECKER (IEC) AND ENVIRONMENTAL PROJECT OFFICE (ENPO) AND APPROVED BY THE SUPERVISING OFFICER FOR THE PROPOSED LOCATION OF THE MONITORING STATIONS.
2. THE LOCATION AND EXTENT OF MUDFLAT SURVEY SHOWN ON THIS DRAWING ARE APPROXIMATE ONLY. THE CONTRACTOR AND ET SHALL DETERMINE AND AGREE WITH THE IEC, ENPO AND SUPERVISING OFFICER THE DETAILS OF THE MUDFLAT SURVEY IN ACCORDANCE WITH THE REQUIREMENTS STIPULATED IN THE EIA REPORTS AND EM&A MANUALS.
3. THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS STIPULATED IN THE EM&A MANUALS TO CONDUCT THE ENVIRONMENTAL MONITORING AND AUDIT WORKS.

LEGEND

- WORKS BOUNDARY OF CONTRACT HY/2011/03
- IS — IMPACT STATIONS (WATER QUALITY)
- CS — CONTROL/FAR FIELD STATIONS (WATER QUALITY)
- SR — SENSITIVE RECEIVERS STATIONS (WATER QUALITY)
- ST — STATION FOR SENSITIVITY TEST RESULT (WATER QUALITY)
- AMS — MONITORING STATIONS (AIR QUALITY)
- NMS — MONITORING STATIONS (NOISE)
- MUDFLAT ECOLOGICAL SAMPLING LOCATION

Rev	Description	By	Date
A	TENDER ADDENDUM ISSUE	AW	11/11

Consultant
ARUP 奧雅納工程顧問 Ove Arup & Partners Hong Kong Limited

Contract No. and Title:
Contract No. HY/2011/03
Hong Kong-Zhuhai-Macao Bridge
Hong Kong Link Road -
Section Between Scenic Hill and
Hong Kong Boundary Crossing Facilities

Drawing title
ENVIRONMENTAL MONITORING STATIONS

Drawing			Rev.
Figure 2.1			A
Drawn: RY	Date: 11/11	Checked: AW	Approved: SK
Scale: As shown		Status:	

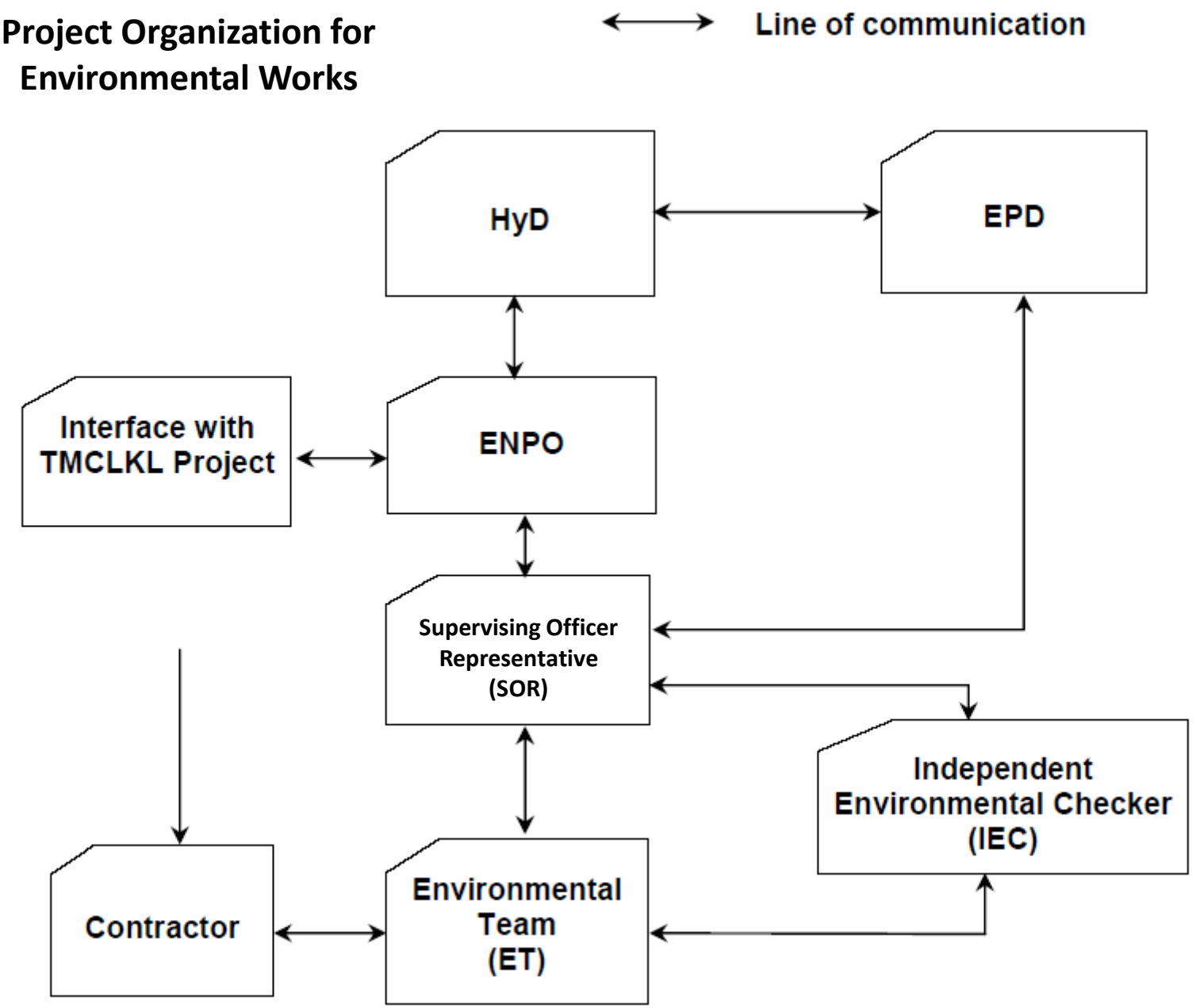
路政署 HIGHWAYS DEPARTMENT
港珠澳大橋香港工程管理處 Hong Kong - Zhuhai - Macao Bridge Hong Kong Project Management Office

Printed by : 10/11/2011
Filename : J:\214487\Record\HY_2011_03\Tender Addendum (2011-11-11)\DGN\E-HY_2011_03-DRG_310-A-00.dgn

APPENDIX A

Environmental Management Structure

Project Organization for Environmental Works



APPENDIX B

Construction Programme

FILE: 3M26 (Rev.00)

Sheet 1 of 6

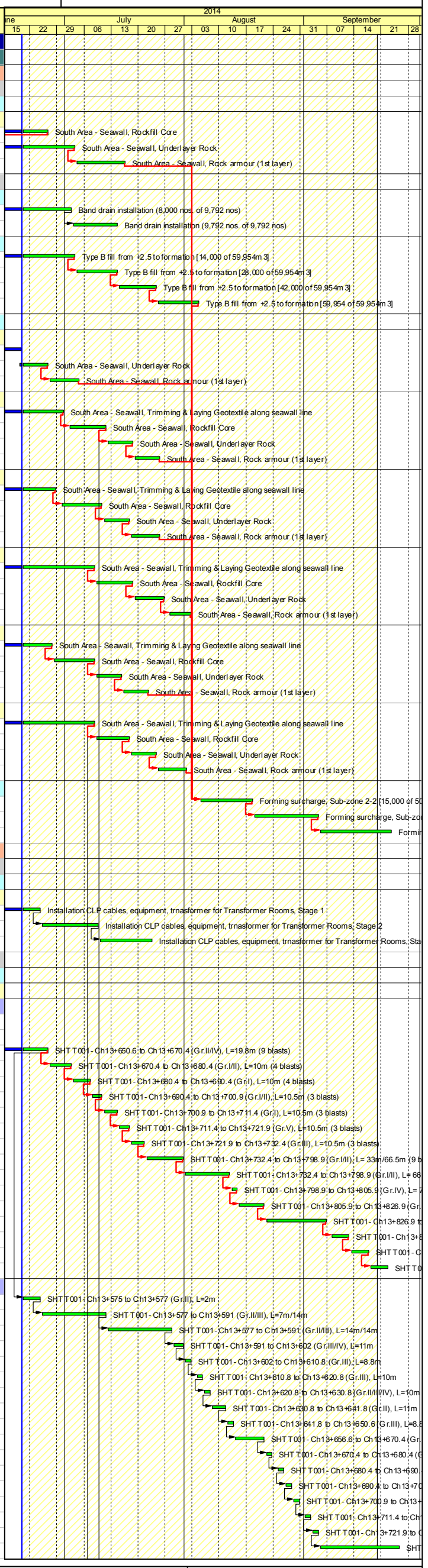
3-Months Rolling Programme (ER Part 5 & SCC 27(9))

(July 2014 to September 2014)

Layout ZMB - Layout 2 (3M Rolling Prog)(3M26)

TASK filters: 3M26, HZMB No Level Effort.

Activity ID	Activity Name	Dur. (days)	Start	Finish	Activity % Complete	Remarks
3 MONTHS PROGRAMME HY/2011/03 (July 2014 to September 2014)(Rev0)						
WORKS IN SOUTH AREA - CH 13+516 to CH 15+050 (SCENIC HILL TUNNEL, MT & CCT)						
Reclamation Works						
Reclamation Works - SWCH0+000 to SWCH 0+570						
Seawall Construction (South Area) - CH. 0+430 to CH 0+600 - 70m						
SWCH 0+430 to SWCH 0+600 - 170m						
SW1100	South Area - Seawall, Rockfill Core	9	30-Apr-14 A	26-Jun-14	85%	Behind Programme
SW1110	South Area - Seawall, Underlayer Rock	11	12-Jun-14 A	03-Jul-14	20%	Behind Programme
SW1120	South Area - Seawall, Rock armour (1st layer)	11	04-Jul-14	16-Jul-14	0%	
Reclamation Works - SWCH0+570 to SWCH 0+960						
Band Drains						
RSC1076-5	Band drain installation (8,000 nos. of 9,792 nos)	10	04-Apr-14 A	02-Jul-14	71%	Behind Programme
RSC1076-6	Band drain installation (9,792 nos. of 9,792 nos)	10	03-Jul-14	14-Jul-14	0%	
General Fill to Formation +5.5mPD						
RSC1077-1	Type B fill from +2.5 to formation [14,000 of 59,954m3]	9	04-Apr-14 A	03-Jul-14	64%	Behind Programme
RSC1077-2	Type B fill from +2.5 to formation [28,000 of 59,954m3]	9	04-Jul-14	14-Jul-14	0%	
RSC1077-3	Type B fill from +2.5 to formation [42,000 of 59,954m3]	9	15-Jul-14	24-Jul-14	0%	
RSC1077-4	Type B fill from +2.5 to formation [59,954 of 59,954m3]	9	25-Jul-14	04-Aug-14	0%	
Seawall Construction (South Area) - CH 0+600 to CH 0+980						
SWCH 0+600 to SWCH 0+640 - 40m						
SW0910	South Area - Seawall, Rockfill Core	5	11-Jun-14 A	19-Jun-14 A	100%	Behind Programme
SW0920	South Area - Seawall, Underlayer Rock	6	19-Jun-14 A	26-Jun-14	20%	Behind Programme
SW0930	South Area - Seawall, Rock armour (1st layer)	6	27-Jun-14	04-Jul-14	0%	
SWCH 0+640 to SWCH 0+720 - 80m						
SW1200	South Area - Seawall, Trimming & Laying Geotextile along seawall line	9	06-Jun-14 A	30-Jun-14	50%	Behind Programme
SW1210	South Area - Seawall, Rockfill Core	9	02-Jul-14	11-Jul-14	0%	
SW1220	South Area - Seawall, Underlayer Rock	6	12-Jul-14	18-Jul-14	0%	
SW1230	South Area - Seawall, Rock armour (1st layer)	6	19-Jul-14	25-Jul-14	0%	
SWCH 0+720 to SWCH 0+780 - 60m						
SW1300	South Area - Seawall, Trimming & Laying Geotextile along seawall line	8	06-Jun-14 A	28-Jun-14	95%	Behind Programme
SW1310	South Area - Seawall, Rockfill Core	9	30-Jun-14	10-Jul-14	0%	
SW1320	South Area - Seawall, Underlayer Rock	6	11-Jul-14	17-Jul-14	0%	
SW1330	South Area - Seawall, Rock armour (1st layer)	7	18-Jul-14	25-Jul-14	0%	
SWCH 0+780 to SWCH 0+850 - 70m						
SW1400	South Area - Seawall, Trimming & Laying Geotextile along seawall line	15	28-May-14 A	08-Jul-14	82%	Behind Programme
SW1410	South Area - Seawall, Rockfill Core	9	09-Jul-14	18-Jul-14	0%	
SW1420	South Area - Seawall, Underlayer Rock	7	19-Jul-14	26-Jul-14	0%	
SW1430	South Area - Seawall, Rock armour (1st layer)	6	28-Jul-14	02-Aug-14	0%	
SWCH 0+850 to SWCH 0+900 - 50m						
SW1500	South Area - Seawall, Trimming & Laying Geotextile along seawall line	9	26-May-14 A	27-Jun-14	70%	Behind Programme
SW1510	South Area - Seawall, Rockfill Core	8	28-Jun-14	08-Jul-14	0%	
SW1520	South Area - Seawall, Underlayer Rock	6	09-Jul-14	15-Jul-14	0%	
SW1530	South Area - Seawall, Rock armour (1st layer)	6	16-Jul-14	22-Jul-14	0%	
SWCH 0+900 to SWCH 0+960 - 60m						
SW1600	South Area - Seawall, Trimming & Laying Geotextile along seawall line	15	03-Jun-14 A	08-Jul-14	20%	Behind Programme
SW1610	South Area - Seawall, Rockfill Core	8	09-Jul-14	17-Jul-14	0%	
SW1620	South Area - Seawall, Underlayer Rock	6	18-Jul-14	24-Jul-14	0%	
SW1630	South Area - Seawall, Rock armour (1st layer)	7	25-Jul-14	01-Aug-14	0%	
Surcharge						
RSC1167-1	Forming surcharge, Sub-zone 2-2 [15,000 of 50,000m3]	12	05-Aug-14	18-Aug-14	0%	
RSC1167-2	Forming surcharge, Sub-zone 2-2 [30,000 of 50,000m3]	15	19-Aug-14	04-Sep-14	0%	
RSC1167-3	Forming surcharge, Sub-zone 2-2 [50,000 of 50,000m3]	15	05-Sep-14	23-Sep-14	0%	
SHT Mined Tunnel Works at Scenic Hill						
Mined Tunnel West Portal Works						
Site Formation						
Temp. Transformer Room						
SHT9792-6	Installation CLP cables, equipment, trnasformer for Transformer Rooms, Stage 1	12	08-May-14 A	24-Jun-14	85%	Behind Programme
SHT9792-16	Installation CLP cables, equipment, trnasformer for Transformer Rooms, Stage 2	12	25-Jun-14	09-Jul-14	0%	
SHT9792-26	Installation CLP cables, equipment, trnasformer for Transformer Rooms, Stage 3	12	10-Jul-14	23-Jul-14	0%	
Mined Tunnel through Scenic Hill [480m Approx.]						
To Zhuhai-Macao [4-Lane] Carriageway - T001						
From West-end						
T001 Tunnel Excavation (Drill & Blast)- Heading						
SHT9742-8	SHT T001 - Ch13+630.8 to Ch13+641.8 (Gr.II), L=11m (5 blasts)	5	05-Jun-14 A	10-Jun-14 A	100%	Behind Programme
SHT9742-9	SHT T001 - Ch13+641.8 to Ch13+650.6 (Gr.III), L=8.8m (4 blasts)	4	10-Jun-14 A	13-Jun-14 A	100%	Behind Programme
SHT9742-10	SHT T001 - Ch13+650.6 to Ch13+670.4 (Gr.II/IV), L=19.8m (9 blasts)	9	13-Jun-14 A	26-Jun-14	53%	Behind Programme
SHT9742-11	SHT T001 - Ch13+670.4 to Ch13+680.4 (Gr.I/II), L=10m (4 blasts)	4	27-Jun-14	02-Jul-14	0%	
SHT9742-12	SHT T001 - Ch13+680.4 to Ch13+690.4 (Gr.I), L=10m (4 blasts)	4	03-Jul-14	07-Jul-14	0%	
SHT9742-13	SHT T001 - Ch13+690.4 to Ch13+700.9 (Gr.I/II), L=10.5m (3 blasts)	3	08-Jul-14	10-Jul-14	0%	
SHT9742-14	SHT T001 - Ch13+700.9 to Ch13+711.4 (Gr.I), L=10.5m (3 blasts)	3	11-Jul-14	14-Jul-14	0%	
SHT9742-15	SHT T001 - Ch13+711.4 to Ch13+721.9 (Gr.V), L=10.5m (3 blasts)	3	15-Jul-14	17-Jul-14	0%	
SHT9742-16	SHT T001 - Ch13+721.9 to Ch13+732.4 (Gr.III), L=10.5m (3 blasts)	3	18-Jul-14	21-Jul-14	0%	
SHT9742-17	SHT T001 - Ch13+732.4 to Ch13+798.9 (Gr.I/II), L= 33m/66.5m (9 blasts)	9	22-Jul-14	31-Jul-14	0%	
SHT9742-18	SHT T001 - Ch13+732.4 to Ch13+798.9 (Gr.I/II), L= 66.5m/66.5m (10 blasts)	10	01-Aug-14	12-Aug-14	0%	
SHT9742-19	SHT T001 - Ch13+798.9 to Ch13+805.9 (Gr.IV), L= 7m (2blasts)	2	13-Aug-14	14-Aug-14	0%	
SHT9742-20	SHT T001 - Ch13+805.9 to Ch13+826.9 (Gr.II/III), L= 21m (6 blasts)	6	15-Aug-14	21-Aug-14	0%	
SHT9742-21	SHT T001 - Ch13+826.9 to Ch13+875.9 (Gr.IV/V), L= 49m (14 blasts)	14	22-Aug-14	06-Sep-14	0%	
SHT9742-22	SHT T001 - Ch13+875.9 to Ch13+889.9 (Gr.III), L= 14m (4 blasts)	4	08-Sep-14	12-Sep-14	0%	
SHT9742-23	SHT T001 - Ch13+889.9 to Ch13+899.9 (Gr.III), L= 10m (4 blasts)	4	13-Sep-14	17-Sep-14	0%	
SHT9742-24	SHT T001 - Ch13+899.9 to Ch13+909.9 (Gr.III), L= 10m (4 blasts)	4	18-Sep-14	22-Sep-14	0%	
T001 Tunnel Excavation (Drill & Blast) - Bench						
SHT9743-1	SHT T001 - Ch13+575 to Ch13+577 (Gr.II), L=2m	4	20-Jun-14	24-Jun-14	0%	
SHT9743-2	SHT T001 - Ch13+577 to Ch13+591 (Gr.II/III), L=7m/14m	14	25-Jun-14	11-Jul-14	0%	
SHT9743-3	SHT T001 - Ch13+577 to Ch13+591 (Gr.II/III), L=14m/14m	14	12-Jul-14	28-Jul-14	0%	
SHT9743-4	SHT T001 - Ch13+591 to Ch13+602 (Gr.III/IV), L=11m	3	29-Jul-14	31-Jul-14	0%	
SHT9743-5	SHT T001 - Ch13+602 to Ch13+610.8 (Gr.III), L=8.8m	2	01-Aug-14	02-Aug-14	0%	
SHT9743-6	SHT T001 - Ch13+610.8 to Ch13+620.8 (Gr.III), L=10m	2	04-Aug-14	05-Aug-14	0%	
SHT9743-7	SHT T001 - Ch13+620.8 to Ch13+630.8 (Gr.II/III/IV), L=10m	2	06-Aug-14	07-Aug-14	0%	
SHT9743-8	SHT T001 - Ch13+630.8 to Ch13+641.8 (Gr.II), L=11m	3	08-Aug-14	11-Aug-14	0%	
SHT9743-9	SHT T001 - Ch13+641.8 to Ch13+650.6 (Gr.III), L=8.8m	2	12-Aug-14	13-Aug-14	0%	
SHT9743-10	SHT T001 - Ch13+656.6 to Ch13+670.4 (Gr.II/IV), L=19.8m	7	14-Aug-14	21-Aug-14	0%	
SHT9743-11	SHT T001 - Ch13+670.4 to Ch13+680.4 (Gr.I/II), L=10m	2	22-Aug-14	23-Aug-14	0%	
SHT9743-12	SHT T001 - Ch13+680.4 to Ch13+690.4 (Gr.I), L=10m	2	25-Aug-14	26-Aug-14	0%	
SHT9743-13	SHT T001 - Ch13+690.4 to Ch13+700.9 (Gr.I/II), L=10.5m	2	27-Aug-14	28-Aug-14	0%	
SHT9743-14	SHT T001 - Ch13+700.9 to Ch13+711.4 (Gr.I), L=10.5m	2	29-Aug-14	30-Aug-14	0%	
SHT9743-15	SHT T001 - Ch13+711.4 to Ch13+721.9 (Gr.V), L=10.5m	2	01-Sep-14	02-Sep-14	0%	
SHT9743-16	SHT T001 - Ch13+721.9 to Ch13+732.4 (Gr.III), L=10.5m	2	03-Sep-14	04-Sep-14	0%	
SHT9743-17	SHT T001 - Ch13+732.4 to Ch13+798.9 (Gr.I/II), L=66.5m	17	05-Sep-14	25-Sep-14	0%	



Works Programme
Works Programme
Works Programme
Milestone
Milestone
Works Programme

China State Construction Engineering (Hong Kong) Ltd

-

Contract No. HY/2011/03 - HZMB, Hong Kong Link Road

, Section between Scenic Hill and HKBCF

Prepared by WC/MM			
Date	Revision	Chec...	Approved
03-Jul-14 ...		HKC	SYT

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

FILE: 3M26 (Rev.00)

Sheet 2 of 6

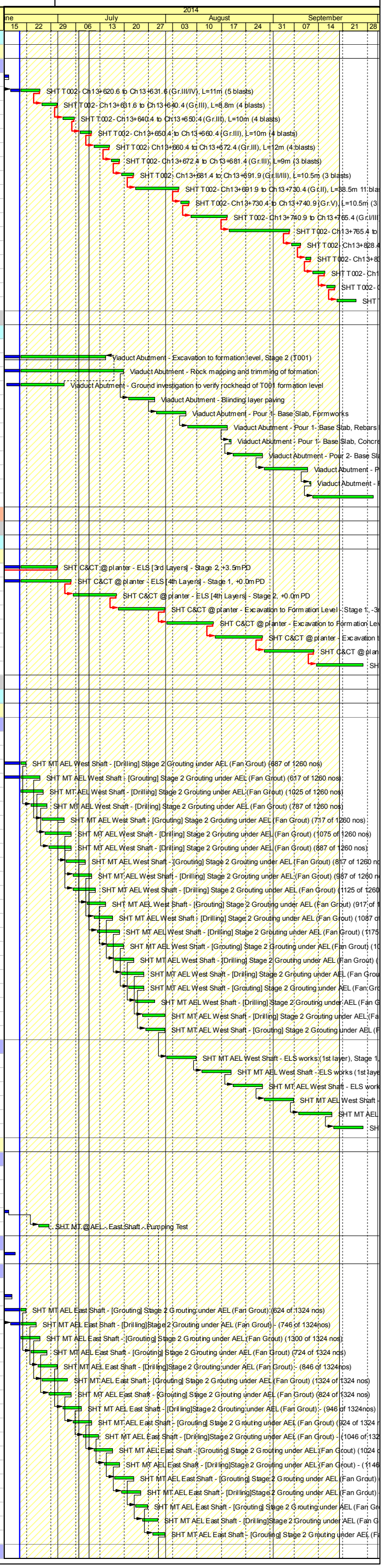
3-Months Rolling Programme (ER Part 5 & SCC 27(9))

(July 2014 to September 2014)

Layout ZMB - Layout 2 (3M Rolling Prog)(3M26)

TASK filters: 3M26, HZMB No Level Effort.

Activity ID	Activity Name	Dur. (days)	Start	Finish	Activity % Complete	Remarks
To HKBCF [3-Lane] Carriageway - T002						
From West-end - 250m Approx.						
Drill and Blast Works (192m2) (550lining and 500overbreak)						
SHT9758-10	SHT T002- Ch13+610.6 to Ch13+620.6 (Gr.III), L=10m (5 blasts)	5	09-Jun-14 A	16-Jun-14 A	100%	Behind Programme
SHT9758-11	SHT T002- Ch13+620.6 to Ch13+631.6 (Gr.III/IV), L=11m (5 blasts)	5	17-Jun-14 A	25-Jun-14	45%	Behind Programme
SHT9758-12	SHT T002- Ch13+631.6 to Ch13+640.4 (Gr.III), L=8.8m (4 blasts)	4	26-Jun-14	30-Jun-14	0%	
SHT9758-13	SHT T002- Ch13+640.4 to Ch13+650.4 (Gr.III), L=10m (4 blasts)	4	02-Jul-14	05-Jul-14	0%	
SHT9758-14	SHT T002- Ch13+650.4 to Ch13+660.4 (Gr.III), L=10m (4 blasts)	4	07-Jul-14	10-Jul-14	0%	
SHT9758-15	SHT T002- Ch13+660.4 to Ch13+672.4 (Gr.III), L=12m (4 blasts)	4	11-Jul-14	15-Jul-14	0%	
SHT9758-16	SHT T002- Ch13+672.4 to Ch13+681.4 (Gr.III), L=9m (3 blasts)	3	16-Jul-14	18-Jul-14	0%	
SHT9758-17	SHT T002- Ch13+681.4 to Ch13+691.9 (Gr.II/III), L=10.5m (3 blasts)	3	19-Jul-14	22-Jul-14	0%	
SHT9758-18	SHT T002- Ch13+691.9 to Ch13+730.4 (Gr.II), L=38.5m 11 blasts)	11	23-Jul-14	04-Aug-14	0%	
SHT9758-19	SHT T002- Ch13+730.4 to Ch13+740.9 (Gr.V), L=10.5m (3 blasts)	3	05-Aug-14	07-Aug-14	0%	
SHT9758-20	SHT T002- Ch13+740.9 to Ch13+765.4 (Gr.I/III), L=24.5m (9 blasts)	9	08-Aug-14	18-Aug-14	0%	
SHT9758-21	SHT T002- Ch13+765.4 to Ch13+828.4 (Gr.I/II), L=63m (16 blasts)	16	19-Aug-14	05-Sep-14	0%	
SHT9758-22	SHT T002- Ch13+828.4 to Ch13+835.4 (Gr.II/III), L=7m (2 blasts)	2	06-Sep-14	08-Sep-14	0%	
SHT9758-23	SHT T002- Ch13+835.4 to Ch13+842.4 (Gr.I/II), L=7m (2 blasts)	2	10-Sep-14	11-Sep-14	0%	
SHT9758-24	SHT T002- Ch13+842.4 to Ch13+852.9 (Gr.V), L=10.5m (3 blasts)	3	12-Sep-14	15-Sep-14	0%	
SHT9758-25	SHT T002- Ch13+852.9 to Ch13+863.4 (Gr.I), L=10.5m (3 blasts)	3	16-Sep-14	18-Sep-14	0%	
SHT9758-26	SHT T002- Ch13+863.4 to Ch13+880.9. (Gr.III), L=17.5m (5 blasts)	5	19-Sep-14	24-Sep-14	0%	
Viaduct Abutment at West Portal of SHT						
Construction						
ABT1040-3	Viaduct Abutment - Excavation to formation level, Stage 2 (T002)	15	02-May-14 A	10-Jun-14 A	100%	Behind Programme
ABT1040-4	Viaduct Abutment - Excavation to formation level, Stage 2 (T001)	15	16-May-14 A	14-Jul-14	90%	Behind Programme
ABT1040-5	Viaduct Abutment - Rock mapping and trimming of formation	10	11-Jun-14 A	19-Jul-14	40%	Behind Programme
ABT1040-14	Viaduct Abutment - Ground investigation to verify rockhead of T001 formation level	15	16-Jun-14 A	02-Jul-14	50%	Behind Programme
ABT1040-6	Viaduct Abutment - Blinding layer paving	7	21-Jul-14	28-Jul-14	0%	
ABT1050-1	Viaduct Abutment - Pour 1- Base Slab, Formworks	8	29-Jul-14	06-Aug-14	0%	
ABT1050-2	Viaduct Abutment - Pour 1- Base Slab, Rebars Fixing	10	07-Aug-14	18-Aug-14	0%	
ABT1050-3	Viaduct Abutment - Pour 1- Base Slab, Concreting	1	19-Aug-14	19-Aug-14	0%	
ABT1050-4	Viaduct Abutment - Pour 2- Base Slab, Formworks	8	20-Aug-14	28-Aug-14	0%	
ABT1050-5	Viaduct Abutment - Pour 2- Base Slab, Rebars Fixing	10	29-Aug-14	10-Sep-14	0%	
ABT1050-6	Viaduct Abutment - Pour 2- Base Slab, Concreting	1	11-Sep-14	11-Sep-14	0%	
ABT1050-7	Viaduct Abutment - Wall Stem - Shear key (formworks, rebar fixing, concreting)	15	12-Sep-14	29-Sep-14	0%	
CCT Works across Airport Road at Ch 14+016 to 14+222 (206m)						
CCT [East Access Shaft] (Shaft 1)						
Civil & Structurals Works						
ELS Works						
SHT1089-6	SHT C&CT @ planter - ELS [3rd Layers] - Stage 2, +3.5mPD	11	24-Mar-14 A	30-Jun-14	85%	Behind Programme
SHT1089-7	SHT C&CT @ planter - ELS [4th Layers] - Stage 1, +0.0m PD	11	17-May-14 A	04-Jul-14	15%	Behind Programme
SHT1089-8	SHT C&CT @ planter - ELS [4th Layers] - Stage 2, +0.0m PD	11	05-Jul-14	17-Jul-14	0%	
SHT1089-9	SHT C&CT @ planter - Excavation to Formation Level - Stage 1, -3m PD	12	18-Jul-14	31-Jul-14	0%	
SHT1089-10	SHT C&CT @ planter - Excavation to Formation Level - Stage 2, -6m PD	12	01-Aug-14	14-Aug-14	0%	
SHT1089-11	SHT C&CT @ planter - Excavation to Formation Level - Stage 3, -9m PD	12	15-Aug-14	28-Aug-14	0%	
SHT1089-12	SHT C&CT @ planter - Excavation to Formation Level - Stage 4, -12mPD	12	29-Aug-14	12-Sep-14	0%	
SHT1089-13	SHT C&CT @ planter - Excavation to Formation Level - Stage 5, -16mPD	12	13-Sep-14	26-Sep-14	0%	
Mined Tunnel Underneath AEL Ch 14+128 to Ch 14+175						
Civil & Structurals Works						
SHT MT - ELS WORKS for AEL West Shaft (Shaft 2)						
Stage 2 - Fan Grouting						
SHT1836-10	SHT MT AEL West Shaft - [Grouting] Stage 2 Grouting under AEL (Fan Grout) (531 of 1260 nos)	6	27-May-14 A	13-Jun-14 A	100%	
SHT1835-14	SHT MT AEL West Shaft - [Drilling] Stage 2 Grouting under AEL (Fan Grout) (606 of 1260 nos)	6	27-May-14 A	10-Jun-14 A	100%	
SHT1835-15	SHT MT AEL West Shaft - [Drilling] Stage 2 Grouting under AEL (Fan Grout) (687 of 1260 nos)	6	10-Jun-14 A	21-Jun-14	82%	
SHT1836-11	SHT MT AEL West Shaft - [Grouting] Stage 2 Grouting under AEL (Fan Grout) (617 of 1260 nos)	5	14-Jun-14 A	25-Jun-14	38%	
SHT1835-23	SHT MT AEL West Shaft - [Drilling] Stage 2 Grouting under AEL (Fan Grout) (1025 of 1260 nos)	6	20-Jun-14	26-Jun-14	0%	
SHT1835-16	SHT MT AEL West Shaft - [Drilling] Stage 2 Grouting under AEL (Fan Grout) (787 of 1260 nos)	5	23-Jun-14	27-Jun-14	0%	
SHT1836-12	SHT MT AEL West Shaft - [Grouting] Stage 2 Grouting under AEL (Fan Grout) (717 of 1260 nos)	5	26-Jun-14	02-Jul-14	0%	
SHT1835-24	SHT MT AEL West Shaft - [Drilling] Stage 2 Grouting under AEL (Fan Grout) (1075 of 1260 nos)	6	27-Jun-14	04-Jul-14	0%	
SHT1835-17	SHT MT AEL West Shaft - [Drilling] Stage 2 Grouting under AEL (Fan Grout) (887 of 1260 nos)	5	28-Jun-14	04-Jul-14	0%	
SHT1836-13	SHT MT AEL West Shaft - [Grouting] Stage 2 Grouting under AEL (Fan Grout) (817 of 1260 nos)	5	03-Jul-14	08-Jul-14	0%	
SHT1835-18	SHT MT AEL West Shaft - [Drilling] Stage 2 Grouting under AEL (Fan Grout) (987 of 1260 nos)	5	05-Jul-14	10-Jul-14	0%	
SHT1835-25	SHT MT AEL West Shaft - [Drilling] Stage 2 Grouting under AEL (Fan Grout) (1125 of 1260 nos)	6	05-Jul-14	11-Jul-14	0%	
SHT1836-14	SHT MT AEL West Shaft - [Grouting] Stage 2 Grouting under AEL (Fan Grout) (917 of 1260 nos)	5	09-Jul-14	14-Jul-14	0%	
SHT1835-19	SHT MT AEL West Shaft - [Drilling] Stage 2 Grouting under AEL (Fan Grout) (1087 of 1260 nos)	5	11-Jul-14	16-Jul-14	0%	
SHT1835-26	SHT MT AEL West Shaft - [Drilling] Stage 2 Grouting under AEL (Fan Grout) (1175 of 1260 nos)	6	12-Jul-14	18-Jul-14	0%	
SHT1836-15	SHT MT AEL West Shaft - [Grouting] Stage 2 Grouting under AEL (Fan Grout) (1017 of 1260 nos)	5	15-Jul-14	19-Jul-14	0%	
SHT1835-20	SHT MT AEL West Shaft - [Drilling] Stage 2 Grouting under AEL (Fan Grout) (1187 of 1260 nos)	5	17-Jul-14	22-Jul-14	0%	
SHT1835-27	SHT MT AEL West Shaft - [Drilling] Stage 2 Grouting under AEL (Fan Grout) (1225 of 1260 nos)	6	19-Jul-14	25-Jul-14	0%	
SHT1836-16	SHT MT AEL West Shaft - [Grouting] Stage 2 Grouting under AEL (Fan Grout) (1139 of 1260 nos)	5	21-Jul-14	25-Jul-14	0%	
SHT1835-21	SHT MT AEL West Shaft - [Drilling] Stage 2 Grouting under AEL (Fan Grout) (1260 of 1260 nos)	5	23-Jul-14	28-Jul-14	0%	
SHT1835-28	SHT MT AEL West Shaft - [Drilling] Stage 2 Grouting under AEL (Fan Grout) (1260 of 1260 nos)	6	25-Jul-14	31-Jul-14	0%	
SHT1836-17	SHT MT AEL West Shaft - [Grouting] Stage 2 Grouting under AEL (Fan Grout) (1260 of 1260 nos)	5	26-Jul-14	31-Jul-14	0%	
ELS						
SHT1844-1	SHT MT AEL West Shaft - ELS works (1st layer), Stage 1, +6.0mPD	8	01-Aug-14	09-Aug-14	0%	
SHT1844-11	SHT MT AEL West Shaft - ELS works (1st layer), Stage 2, +8.0mpd	8	11-Aug-14	19-Aug-14	0%	
SHT1844-2	SHT MT AEL West Shaft - ELS works (2nd layer), Stage 1, +4.0mpd	8	20-Aug-14	28-Aug-14	0%	
SHT1823-12	SHT MT AEL West Shaft - ELS works (2nd layer), Stage 2, +4.0mpd	8	29-Aug-14	06-Sep-14	0%	
SHT1844-3	SHT MT AEL West Shaft - ELS works (3rd layer), Stage 1, +1.0mpd	8	08-Sep-14	17-Sep-14	0%	
SHT1823-13	SHT MT AEL West Shaft - ELS works (3rd layer), Stage 2, +1.0mPD	8	18-Sep-14	26-Sep-14	0%	
SHT MT - ELS WORKS for AEL East Shaft (Shaft 3)						
Pumping Test						
SHT9867-7	SHT MT @AEL - East Shaft - Installation of Pump wells, Observation Wells & Recharge Wells, 20 of 29 nos.	4	09-Jun-14 A	10-Jun-14 A	100%	Behind Programme
SHT9867-8	SHT MT @AEL - East Shaft - Installation of Pump wells, Observation Wells & Recharge Wells, 23 of 29 nos.	4	11-Jun-14 A	12-Jun-14 A	100%	Behind Programme
SHT9867-9	SHT MT @AEL - East Shaft - Installation of Pump wells, Observation Wells & Recharge Wells, 26 of 29 nos.	4	12-Jun-14 A	13-Jun-14 A	100%	Behind Programme
SHT9867-10	SHT MT @AEL - East Shaft - Installation of Pump wells, Observation Wells & Recharge Wells, 29 of 29 nos.	4	14-Jun-14 A	16-Jun-14 A	100%	Behind Programme
SHT9867-11	SHT MT @AEL - East Shaft - Pumping Test	3	25-Jun-14*	28-Jun-14	0%	
Noise Enclosure Fabrication (AEL West Shaft)						
SHT1845-115	SHT MT AEL East Shaft - CNP Application & Approval	13	04-Jun-14 A	18-Jun-14 A	100%	
Stage 2 - Fan Grouting						
SHT1846-10	SHT MT AEL East Shaft - [Grouting] Stage 2 Grouting under AEL (Fan Grout) (537 of 1324 nos)	5	29-May-14 A	11-Jun-14 A	100%	
SHT1845-15	SHT MT AEL East Shaft - [Drilling]Stage 2 Grouting under AEL (Fan Grout) - (664 of 1324nos)	6	06-Jun-14 A	17-Jun-14 A	100%	
SHT1846-11	SHT MT AEL East Shaft - [Grouting] Stage 2 Grouting under AEL (Fan Grout) (624 of 1324 nos)	5	12-Jun-14 A	21-Jun-14	75%	
SHT1845-16	SHT MT AEL East Shaft - [Drilling]Stage 2 Grouting under AEL (Fan Grout) - (746 of 1324nos)	5	17-Jun-14 A	24-Jun-14	32%	
SHT1846-26	SHT MT AEL East Shaft - [Grouting] Stage 2 Grouting under AEL (Fan Grout) (1300 of 1324 nos)	5	20-Jun-14	25-Jun-14	0%	
SHT1846-12	SHT MT AEL East Shaft - [Grouting] Stage 2 Grouting under AEL (Fan Grout) (724 of 1324 nos)	5	23-Jun-14	27-Jun-14	0%	
SHT1845-17	SHT MT AEL East Shaft - [Drilling]Stage 2 Grouting under AEL (Fan Grout) - (846 of 1324nos)	5	25-Jun-14	30-Jun-14	0%	
SHT1846-27	SHT MT AEL East Shaft - [Grouting] Stage 2 Grouting under AEL (Fan Grout) (1324 of 1324 nos)	6	26-Jun-14	03-Jul-14	0%	
SHT1846-13	SHT MT AEL East Shaft - [Grouting] Stage 2 Grouting under AEL (Fan Grout) (824 of 1324 nos)	5	28-Jun-14	04-Jul-14	0%	
SHT1845-18	SHT MT AEL East Shaft - [Drilling]Stage 2 Grouting under AEL (Fan Grout) - (946 of 1324nos)	5	02-Jul-14	07-Jul-14	0%	
SHT1846-14	SHT MT AEL East Shaft - [Grouting] Stage 2 Grouting under AEL (Fan Grout) (924 of 1324 nos)	5	05-Jul-14	10-Jul-14	0%	
SHT1845-19	SHT MT AEL East Shaft - [Drilling]Stage 2 Grouting under AEL (Fan Grout) - (1046 of 1324nos)	5	08-Jul-14	12-Jul-14	0%	
SHT1846-15	SHT MT AEL East Shaft - [Grouting] Stage 2 Grouting under AEL (Fan Grout) (1024 of 1324 nos)	5	11-Jul-14	16-Jul-14	0%	
SHT1845-20	SHT MT AEL East Shaft - [Drilling]Stage 2 Grouting under AEL (Fan Grout) - (1146 of 1324nos)	5	14-Jul-14	18-Jul-14	0%	
SHT1846-16	SHT MT AEL East Shaft - [Grouting] Stage 2 Grouting under AEL (Fan Grout) (1124 of 1324 nos)	5	17-Jul-14	22-Jul-14	0%	
SHT1845-21	SHT MT AEL East Shaft - [Drilling]Stage 2 Grouting under AEL (Fan Grout) - (1246 of 1324nos)	5	19-Jul-14	24-Jul-14	0%	
SHT1846-17	SHT MT AEL East Shaft - [Grouting] Stage 2 Grouting under AEL (Fan Grout) (1224 of 1324 nos)	4	23-Jul-14	26-Jul-14	0%	
SHT1845-22	SHT MT AEL East Shaft - [Drilling]Stage 2 Grouting under AEL (Fan Grout) - (1324 of 1324nos)	4	25-Jul-14	29-Jul-14	0%	
SHT1846-18	SHT MT AEL East Shaft - [Grouting] Stage 2 Grouting under AEL (Fan Grout) (1324 of 1324 nos)	4	28-Jul-14	31-Jul-14	0%	
ELS						



FILE: 3M26 (Rev.00)

Sheet 3 of 6

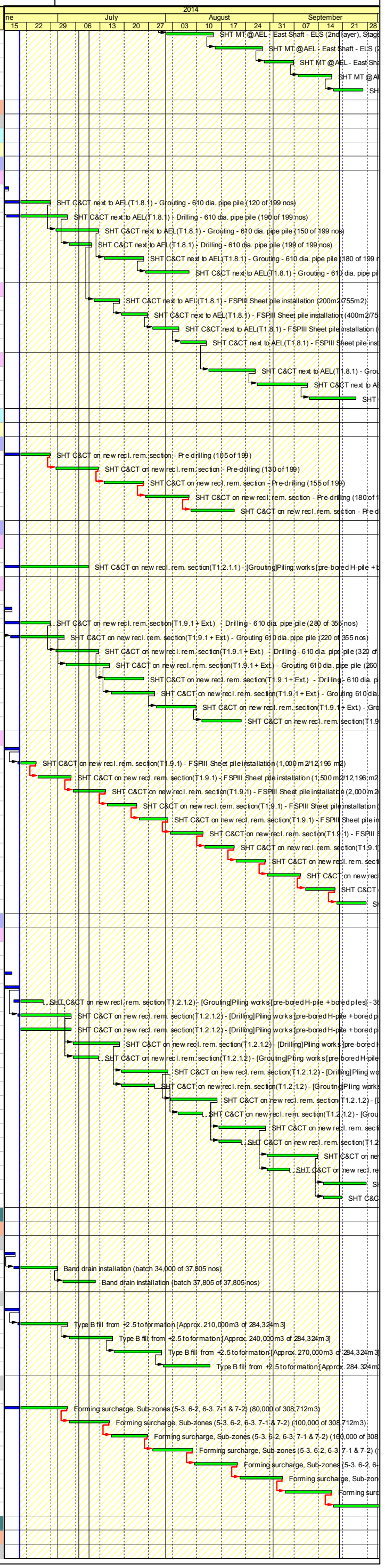
3-Months Rolling Programme (ER Part 5 & SCC 27(9))

(July 2014 to September 2014)

Layout ZMB - Layout 2 (3M Rolling Prog)(3M26)

TASK filters: 3M26, HZMB No Level Effort.

Activity ID	Activity Name	Dur. (days)	Start	Finish	Activity % Complete	Remarks
SHT1909-1	SHT MT @AEL - East Shaft - ELS (2nd layer), Stage 1, +4.0mPD	12	01-Aug-14	14-Aug-14	0%	
SHT1909-2	SHT MT @AEL - East Shaft - ELS (2nd layer), Stage 2, +4.0mPD	12	15-Aug-14	28-Aug-14	0%	
SHT1909-3	SHT MT @AEL - East Shaft - ELS (3rd layer), Stage 1, +1.0mPD	8	29-Aug-14	06-Sep-14	0%	
SHT1909-4	SHT MT @AEL - East Shaft - ELS (3rd layer), Stage 1, +1.0mPD	8	08-Sep-14	17-Sep-14	0%	
SHT1909-14	SHT MT @AEL - East Shaft - ELS (4th layer), Stage 1, -1.7mPD	8	18-Sep-14	26-Sep-14	0%	
CCT Works over Reclaimed Area at Ch 14+222 to Ch 15+050 (828m)						
CCT Works - on New Reclamation [490m Approx.]						
CCT Works in Section with the Box Culvert Extension [165m Approx.]						
Civil & Structurals Works						
ELS - Tunnel SHT - C&CT next to AEL (T1.8.1 Extension Ch 14+181 to Ch 14+287)						
Dia. 610 Plpe Piling Works						
SHT1847-05	SHT C&CT next to AEL(T1.8.1) - Drilling - 610 dia. pipe pile (150 of 199 nos)	11	17-May-14 A	16-Jun-14 A	100%	On Programme
SHT1848-04	SHT C&CT next to AEL(T1.8.1) - Grouting - 610 dia. pipe pile (120 of 199 nos)	11	31-May-14 A	28-Jun-14	67%	On Programme
SHT1847-06	SHT C&CT next to AEL(T1.8.1) - Drilling - 610 dia. pipe pile (190 of 199 nos)	11	16-Jun-14 A	03-Jul-14	15%	On Programme
SHT1848-05	SHT C&CT next to AEL(T1.8.1) - Grouting - 610 dia. pipe pile (150 of 199 nos)	11	30-Jun-14	12-Jul-14	0%	
SHT1847-07	SHT C&CT next to AEL(T1.8.1) - Drilling - 610 dia. pipe pile (199 of 199 nos)	6	04-Jul-14	10-Jul-14	0%	
SHT1848-06	SHT C&CT next to AEL(T1.8.1) - Grouting - 610 dia. pipe pile (180 of 199 nos)	11	14-Jul-14	25-Jul-14	0%	
SHT1848-07	SHT C&CT next to AEL(T1.8.1) - Grouting - 610 dia. pipe pile (199 of 199 nos)	11	26-Jul-14	07-Aug-14	0%	
Sheet Piling Works						
SHT1849-1	SHT C&CT next to AEL(T1.8.1) - FSPIII Sheet pile installation (200m2/755m2)	7	11-Jul-14	18-Jul-14	0%	
SHT1849-2	SHT C&CT next to AEL(T1.8.1) - FSPIII Sheet pile installation (400m2/755m2)	7	19-Jul-14	26-Jul-14	0%	
SHT1849-3	SHT C&CT next to AEL(T1.8.1) - FSPIII Sheet pile installation (600m2/755m2)	7	28-Jul-14	04-Aug-14	0%	
SHT1849-4	SHT C&CT next to AEL(T1.8.1) - FSPIII Sheet pile installation (755m2/755m2)	7	05-Aug-14	12-Aug-14	0%	
Grout Curtain and Permeation Grout						
SHT1850-1	SHT C&CT next to AEL(T1.8.1) - Grout Curtain, Grouting works-Wall 04	12	13-Aug-14	26-Aug-14	0%	
SHT1850-2	SHT C&CT next to AEL(T1.8.1) - Grout Curtain, Grouting works-Wall 06	12	27-Aug-14	10-Sep-14	0%	
SHT1850-3	SHT C&CT next to AEL(T1.8.1) - Grout Curtain, Grouting works-Wall 03	12	11-Sep-14	24-Sep-14	0%	
CCT Works in Remaining Section [325m Approx.]						
Civil & Structurals Works						
Pre-drilling Works						
SHT1900-5	SHT C&CT on new recl. rem. section - Pre-drilling (105 of 199)	11	05-May-14 A	28-Jun-14	88%	Ahead Programme
SHT1900-6	SHT C&CT on new recl. rem. section - Pre-drilling (130 of 199)	11	30-Jun-14	12-Jul-14	0%	
SHT1900-7	SHT C&CT on new recl. rem. section - Pre-drilling (155 of 199)	11	14-Jul-14	25-Jul-14	0%	
SHT1900-8	SHT C&CT on new recl. rem. section - Pre-drilling (180 of 199)	11	26-Jul-14	07-Aug-14	0%	
SHT1900-9	SHT C&CT on new recl. rem. section - Pre-drilling (199 of 199)	11	08-Aug-14	20-Aug-14	0%	
ELS - Tunnel SHT - C&CT (T1.9.1 + Ext. Ch 14+200 to Ch 14+311) / (T1.2.1.1 Ch 14+200 to Ch 14+410)						
Pre-bored Socketed H-Pile						
SHT1910-12	SHT C&CT on new recl. rem. section(T1.2.1.1) - [Drilling]Piling works [pre-bored H-pile + bored piles] - 82 of 8	12	03-Jun-14 A	10-Jun-14 A	100%	Ahead Programme
SHT1911-12	SHT C&CT on new recl. rem. section(T1.2.1.1) - [Grouting]Piling works [pre-bored H-pile + bored piles] - 82 of	6	08-Jun-14 A	09-Jul-14	67%	Ahead Programme
Dia. 610mm Pipe Piling Works						
SHT1912 - 6	SHT C&CT on new recl. rem. section(T1.9.1 + Ext.) - Drilling - 610 dia. pipe pile (240 of 355 nos)	11	04-Jun-14 A	14-Jun-14 A	100%	Ahead Programme
SHT1913 - 5	SHT C&CT on new recl. rem. section(T1.9.1 + Ext.) - Grouting 610 dia. pipe pile (180 of 355 nos)	11	04-Jun-14 A	17-Jun-14 A	100%	Ahead Programme
SHT1912 - 7	SHT C&CT on new recl. rem. section(T1.9.1 + Ext.) - Drilling - 610 dia. pipe pile (280 of 355 nos)	11	14-Jun-14 A	28-Jun-14	45%	Ahead Programme
SHT1913 - 6	SHT C&CT on new recl. rem. section(T1.9.1 + Ext.) - Grouting 610 dia. pipe pile (220 of 355 nos)	11	17-Jun-14 A	02-Jul-14	23%	Ahead Programme
SHT1912 - 8	SHT C&CT on new recl. rem. section(T1.9.1 + Ext.) - Drilling - 610 dia. pipe pile (320 of 355 nos)	11	30-Jun-14	12-Jul-14	0%	
SHT1913 - 7	SHT C&CT on new recl. rem. section(T1.9.1 + Ext.) - Grouting 610 dia. pipe pile (260 of 355 nos)	11	03-Jul-14	15-Jul-14	0%	
SHT1912 - 9	SHT C&CT on new recl. rem. section(T1.9.1 + Ext.) - Drilling - 610 dia. pipe pile (355 of 355 nos)	11	14-Jul-14	25-Jul-14	0%	
SHT1913 - 8	SHT C&CT on new recl. rem. section(T1.9.1 + Ext.) - Grouting 610 dia. pipe pile (260 of 355 nos)	11	16-Jul-14	28-Jul-14	0%	
SHT1913 - 9	SHT C&CT on new recl. rem. section(T1.9.1 + Ext.) - Grouting 610 dia. pipe pile (300 of 355 nos)	11	29-Jul-14	09-Aug-14	0%	
SHT1913 - 10	SHT C&CT on new recl. rem. section(T1.9.1 + Ext.) - Grouting 610 dia. pipe pile (355 of 355 nos)	11	11-Aug-14	22-Aug-14	0%	
Sheet Piling Works						
SHT1914 - 1	SHT C&CT on new recl. rem. section(T1.9.1) - FSPIII Sheet pile installation (500 m2/12,196 m2)	8	11-Jun-14 A	19-Jun-14 A	100%	Ahead Programme
SHT1914 - 2	SHT C&CT on new recl. rem. section(T1.9.1) - FSPIII Sheet pile installation (1,000 m2/12,196 m2)	8	19-Jun-14 A	24-Jun-14	43%	Ahead Programme
SHT1914 - 3	SHT C&CT on new recl. rem. section(T1.9.1) - FSPIII Sheet pile installation (1,500 m2/12,196 m2)	8	25-Jun-14	04-Jul-14	0%	
SHT1914 - 4	SHT C&CT on new recl. rem. section(T1.9.1) - FSPIII Sheet pile installation (2,000 m2/12,196 m2)	8	05-Jul-14	14-Jul-14	0%	
SHT1914 - 5	SHT C&CT on new recl. rem. section(T1.9.1) - FSPIII Sheet pile installation (2,500 m2/12,196 m2)	8	15-Jul-14	23-Jul-14	0%	
SHT1914 - 6	SHT C&CT on new recl. rem. section(T1.9.1) - FSPIII Sheet pile installation (3,000 m2/12,196 m2)	8	24-Jul-14	01-Aug-14	0%	
SHT1914 - 7	SHT C&CT on new recl. rem. section(T1.9.1) - FSPIII Sheet pile installation (3,500 m2/12,196 m2)	8	02-Aug-14	11-Aug-14	0%	
SHT1914 - 8	SHT C&CT on new recl. rem. section(T1.9.1) - FSPIII Sheet pile installation (4,000 m2/12,196 m2)	8	12-Aug-14	20-Aug-14	0%	
SHT1914 - 9	SHT C&CT on new recl. rem. section(T1.9.1) - FSPIII Sheet pile installation (4,500 m2/12,196 m2)	8	21-Aug-14	29-Aug-14	0%	
SHT1914 - 10	SHT C&CT on new recl. rem. section(T1.9.1) - FSPIII Sheet pile installation (5,000 m2/12,196 m2)	8	30-Aug-14	08-Sep-14	0%	
SHT1914 - 11	SHT C&CT on new recl. rem. section(T1.9.1) - FSPIII Sheet pile installation (5,500 m2/12,196 m2)	8	10-Sep-14	18-Sep-14	0%	
SHT1914 - 12	SHT C&CT on new recl. rem. section(T1.9.1) - FSPIII Sheet pile installation (6,000 m2/12,196 m2)	8	19-Sep-14	27-Sep-14	0%	
ELS - Tunnel SHT - C&CT (T1.2.1.2 Ch 14+410 to Ch 14+490)						
Pre-Bored Socketed H-Pile						
SHT1913-1	SHT C&CT on new recl. rem. section(T1.2.1.2) - [Grouting]Piling works [pre-bored H-pile + bored piles] - 12 of	6	23-May-14 A	10-Jun-14 A	100%	Ahead Programme
SHT1912-2	SHT C&CT on new recl. rem. section(T1.2.1.2) - [Drilling]Piling works [pre-bored H-pile + bored piles] - 24 of 1	12	03-Jun-14 A	13-Jun-14 A	100%	Ahead Programme
SHT1913-2	SHT C&CT on new recl. rem. section(T1.2.1.2) - [Grouting]Piling works [pre-bored H-pile + bored piles] - 24 of	6	11-Jun-14 A	17-Jun-14 A	100%	Ahead Programme
SHT1912-3	SHT C&CT on new recl. rem. section(T1.2.1.2) - [Drilling]Piling works [pre-bored H-pile + bored piles] - 36 of 1	12	14-Jun-14 A	19-Jun-14 A	100%	Ahead Programme
SHT1913-3	SHT C&CT on new recl. rem. section(T1.2.1.2) - [Grouting]Piling works [pre-bored H-pile + bored piles] - 36 of	6	18-Jun-14 A	26-Jun-14	33%	Ahead Programme
SHT1912-4	SHT C&CT on new recl. rem. section(T1.2.1.2) - [Drilling]Piling works [pre-bored H-pile + bored piles] - 48 of 1	12	19-Jun-14 A	04-Jul-14	17%	Ahead Programme
SHT1912-12	SHT C&CT on new recl. rem. section(T1.2.1.2) - [Drilling]Piling works [pre-bored H-pile + bored piles] - 148 of	12	20-Jun-14	04-Jul-14	0%	
SHT1912-5	SHT C&CT on new recl. rem. section(T1.2.1.2) - [Drilling]Piling works [pre-bored H-pile + bored piles] - 60 of 1	12	05-Jul-14	18-Jul-14	0%	
SHT1913-4	SHT C&CT on new recl. rem. section(T1.2.1.2) - [Grouting]Piling works [pre-bored H-pile + bored piles] - 48 of	7	05-Jul-14	12-Jul-14	0%	
SHT1912-6	SHT C&CT on new recl. rem. section(T1.2.1.2) - [Drilling]Piling works [pre-bored H-pile + bored piles] - 72 of 1	12	19-Jul-14	01-Aug-14	0%	
SHT1913-5	SHT C&CT on new recl. rem. section(T1.2.1.2) - [Grouting]Piling works [pre-bored H-pile + bored piles] - 60 of	8	19-Jul-14	28-Jul-14	0%	
SHT1912-7	SHT C&CT on new recl. rem. section(T1.2.1.2) - [Drilling]Piling works [pre-bored H-pile + bored piles] - 84 of 1	12	02-Aug-14	15-Aug-14	0%	
SHT1913-6	SHT C&CT on new recl. rem. section(T1.2.1.2) - [Grouting]Piling works [pre-bored H-pile + bored piles] - 72 of	6	04-Aug-14	11-Aug-14	0%	
SHT1912-8	SHT C&CT on new recl. rem. section(T1.2.1.2) - [Drilling]Piling works [pre-bored H-pile + bored piles] - 96 of 1	12	16-Aug-14	29-Aug-14	0%	
SHT1913-7	SHT C&CT on new recl. rem. section(T1.2.1.2) - [Grouting]Piling works [pre-bored H-pile + bored piles] - 84 of	6	16-Aug-14	22-Aug-14	0%	
SHT1912-9	SHT C&CT on new recl. rem. section(T1.2.1.2) - [Drilling]Piling works [pre-bored H-pile + bored piles] - 108 of	12	30-Aug-14	13-Sep-14	0%	
SHT1913-8	SHT C&CT on new recl. rem. section(T1.2.1.2) - [Grouting]Piling works [pre-bored H-pile + bored piles] - 96 of	6	30-Aug-14	05-Sep-14	0%	
SHT1912-10	SHT C&CT on new recl. rem. section(T1.2.1.2) - [Drilling]Piling works [pre-bored H-pile + bored piles] - 120 of	12	15-Sep-14	27-Sep-14	0%	
SHT1913-9	SHT C&CT on new recl. rem. section(T1.2.1.2) - [Grouting]Piling works [pre-bored H-pile + bored piles] - 108	6	15-Sep-14	20-Sep-14	0%	
WORKS IN HAM(HIGHWAY OPERATION & MAINTENANCE AREA) & HAT CCT						
Reclamation Works						
Band Drain						
RSC1330-8	Band drain installation (batch 31,000 of 37,805 nos)	9	04-Apr-14 A	18-Jun-14 A	100%	Behind Programme
RSC1330-9	Band drain installation (batch 34,000 of 37,805 nos)	9	18-Jun-14 A	30-Jun-14	8%	Behind Programme
RSC1330-10	Band drain installation (batch 37,805 of 37,805 nos)	9	02-Jul-14	11-Jul-14	0%	
General Fill to Formation +5.5 mPD						
RSC1430	Type B fill from +2.5 to formation [Approx. 190,000 m3 of 284,324 m3]	11	04-Jun-14 A	19-Jun-14 A	100%	Behind Programme
RSC1440	Type B fill from +2.5 to formation [Approx. 210,000 m3 of 284,324 m3]	11	19-Jun-14 A	03-Jul-14	39%	Behind Programme
RSC1450	Type B fill from +2.5 to formation [Approx. 240,000 m3 of 284,324 m3]	11	04-Jul-14	16-Jul-14	0%	
RSC1460	Type B fill from +2.5 to formation [Approx. 270,000 m3 of 284,324 m3]	12	17-Jul-14	30-Jul-14	0%	
RSC1470	Type B fill from +2.5 to formation [Approx. 284.324 m3 of 284,324 m3]	12	31-Jul-14	13-Aug-14	0%	
Surcharge						
RSC1086-3	Forming surcharge, Sub-zones (5-3. 6-2, 6-3. 7-1 & 7-2) (60,000 of 308,712m3)	10	26-May-14 A	10-Jun-14 A	100%	Behind Programme
RSC1086-4	Forming surcharge, Sub-zones (5-3. 6-2, 6-3. 7-1 & 7-2) (80,000 of 308,712m3)	11	10-Jun-14 A	03-Jul-14	62%	Behind Programme
RSC1086-5	Forming surcharge, Sub-zones (5-3. 6-2, 6-3. 7-1 & 7-2) (100,000 of 308,712m3)	10	04-Jul-14	15-Jul-14	0%	
RSC1086-6	Forming surcharge, Sub-zones (5-3. 6-2, 6-3. 7-1 & 7-2) (160,000 of 308,712m3)	10	16-Jul-14	26-Jul-14	0%	
RSC1086-7	Forming surcharge, Sub-zones (5-3. 6-2, 6-3. 7-1 & 7-2) (130,000 of 308,712m3)	11	28-Jul-14	08-Aug-14	0%	
RSC1086-8	Forming surcharge, Sub-zones (5-3. 6-2, 6-3. 7-1 & 7-2) (190,000 of 308,712m3)	11	09-Aug-14	21-Aug-14	0%	
RSC1086-9	Forming surcharge, Sub-zones (5-3. 6-2, 6-3. 7-1 & 7-2) (210,000 of 308,712m3)	11	22-Aug-14	03-Sep-14	0%	
RSC1086-10	Forming surcharge, Sub-zones (5-3. 6-2, 6-3. 7-1 & 7-2) (240,000 of 308,712m3)	11	04-Sep-14	17-Sep-14	0%	
RSC1086-11	Forming surcharge, Sub-zones (5-3. 6-2, 6-3. 7-1 & 7-2) (270,000 of 308,712m3)	12	18-Sep-14	03-Oct-14	0%	
WORKS IN MIDDLE AREA CH15+050 to 15+500 (HKLR AT GRADE, HAT MT, BRIDGE A1 & A2)						
Reclamation Works - SWCH 0+960 to 1+400 (AHR 20mPD) & (12.5mPD)						
Stone Column						



FILE: 3M26 (Rev.00)

Sheet 4 of 6

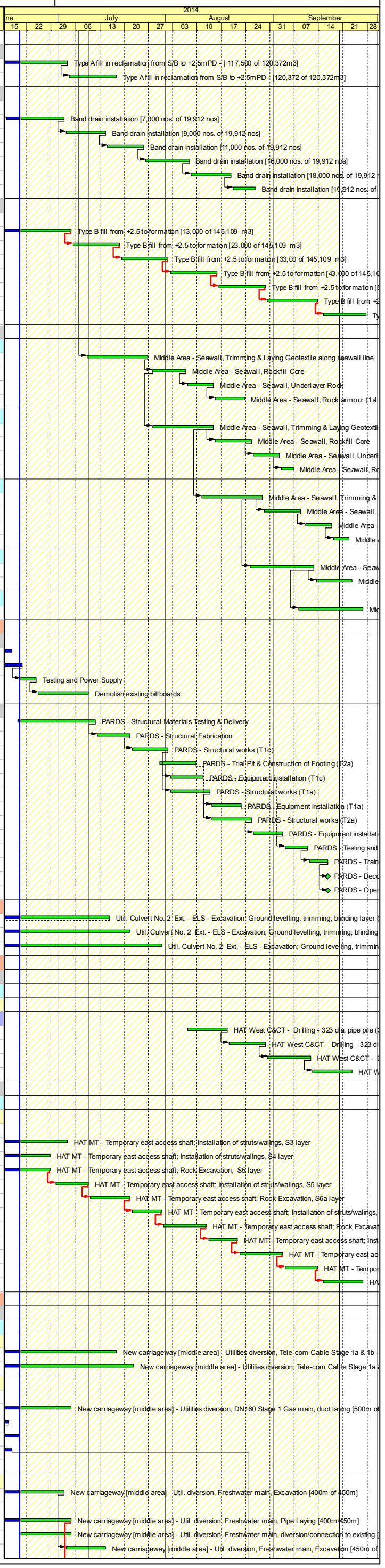
3-Months Rolling Programme (ER Part 5 & SCC 27(9))

(July 2014 to September 2014)

Layout ZMB - Layout 2 (3M Rolling Prog)(3M26)

TASK filters: 3M26, HZMB No Level Effort.

Activity ID	Activity Name	Dur. (days)	Start	Finish	Activity % Complete	Remarks
RSC1044-9	Stone columns installation [2537 nos of 2537 nos] - [incl.Night Work - 19:00 to 23:00 wk days & P.H.work 07:0(	7	17-May-14 A	10-Jun-14 A	100%	Behind Programme
Filling to +2.5mPD (70% Sand Fill and 30% Public Fill)						
RSC1041-8	Type A fill in reclamation from S/B to +2.5mPD - [117,500 of 120,372m3]	12	20-Feb-14 A	03-Jul-14	40%	Behind Programme
RSC1041-9	Type A fill in reclamation from S/B to +2.5mPD - [120,372 of 120,372m3]	12	04-Jul-14	17-Jul-14	0%	
Band Drains						
RSC1045-4	Band drain installation [5,000 nos. of 19,912 nos]	10	16-May-14 A	14-Jun-14 A	100%	Behind Programme
RSC1045-5	Band drain installation [7,000 nos. of 19,912 nos]	10	16-Jun-14 A	02-Jul-14	30%	Behind Programme
RSC1045-6	Band drain installation [9,000 nos. of 19,912 nos]	10	03-Jul-14	14-Jul-14	0%	
RSC1045-7	Band drain installation [11,000 nos. of 19,912 nos]	10	15-Jul-14	25-Jul-14	0%	
RSC1045-8	Band drain installation [16,000 nos. of 19,912 nos]	11	26-Jul-14	07-Aug-14	0%	
RSC1045-9	Band drain installation [18,000 nos. of 19,912 nos]	10	08-Aug-14	19-Aug-14	0%	
RSC1045-10	Band drain installation [19,912 nos. of 19,912 nos]	6	20-Aug-14	26-Aug-14	0%	
General Fill to Formation +5.5mPD						
RSC1046-2	Type B fill from +2.5 to formation [8,000 of 145,109 m3]	12	26-Feb-14 A	12-Jun-14 A	100%	Behind Programme
RSC1046-3	Type B fill from +2.5 to formation [13,000 of 145,109 m3]	12	13-Jun-14 A	04-Jul-14	5%	Behind Programme
RSC1046-4	Type B fill from +2.5 to formation [23,000 of 145,109 m3]	12	05-Jul-14	18-Jul-14	0%	
RSC1046-5	Type B fill from +2.5 to formation [33,00 of 145,109 m3]	12	19-Jul-14	01-Aug-14	0%	
RSC1046-6	Type B fill from +2.5 to formation [43,000 of 145,109 m3]	12	02-Aug-14	15-Aug-14	0%	
RSC1046-7	Type B fill from +2.5 to formation [53,000 of 145,109 m3]	12	16-Aug-14	29-Aug-14	0%	
RSC1046-8	Type B fill from +2.5 to formation [63,000 of 145,109 m3]	12	30-Aug-14	13-Sep-14	0%	
RSC1046-9	Type B fill from +2.5 to formation [73,000 of 145,109 m3]	12	15-Sep-14	27-Sep-14	0%	
Seawall Construction (Middle Area) CH 0+960 to CH 1+400 - 440m						
SWCH 0+960 to SWCH 1+020 - 60m						
SW1020	Middle Area - Seawall, Trimming & Laying Geotextile along seawall line	16	09-Jul-14	26-Jul-14	0%	
SW1030	Middle Area - Seawall, Rockfill Core	9	28-Jul-14	06-Aug-14	0%	
SW1040	Middle Area - Seawall, Underlayer Rock	7	07-Aug-14	14-Aug-14	0%	
SW1050	Middle Area - Seawall, Rock armour (1st layer)	8	15-Aug-14	23-Aug-14	0%	
SWCH 1+020 to SWCH 1+100 - 80m						
SW1060	Middle Area - Seawall, Trimming & Laying Geotextile along seawall line	16	28-Jul-14	14-Aug-14	0%	
SW1070	Middle Area - Seawall, Rockfill Core	9	15-Aug-14	25-Aug-14	0%	
SW1080	Middle Area - Seawall, Underlayer Rock	7	26-Aug-14	02-Sep-14	0%	
SW1090	Middle Area - Seawall, Rock armour (1st layer)	4	03-Sep-14	06-Sep-14	0%	
SWCH 1+100 to SWCH 1+180 - 80m						
SW1130	Middle Area - Seawall, Trimming & Laying Geotextile along seawall line	16	11-Aug-14	28-Aug-14	0%	
SW1140	Middle Area - Seawall, Rockfill Core	9	29-Aug-14	08-Sep-14	0%	
SW1150	Middle Area - Seawall, Underlayer Rock	7	10-Sep-14	17-Sep-14	0%	
SW1160	Middle Area - Seawall, Rock armour (1st layer)	4	18-Sep-14	22-Sep-14	0%	
SWCH 1+180 to SWCH 1+260 - 80m						
SW1170	Middle Area - Seawall, Trimming & Laying Geotextile along seawall line	16	25-Aug-14	12-Sep-14	0%	
SW1180	Middle Area - Seawall, Rockfill Core	9	13-Sep-14	23-Sep-14	0%	
SWCH 1+260 to SWCH 1+340 - 80m						
SW1250	Middle Area - Seawall, Trimming & Laying Geotextile along seawall line	16	08-Sep-14	26-Sep-14	0%	
Flight Information Signs (PARDS) & Billboards- Reprovisioning Works						
Relocation of Billboards						
PARDS253	CLP cable laying	8	02-Apr-14 A	17-Jun-14 A	100%	Behind Programme
PARDS260	E&M equipment installation	11	13-May-14 A	20-Jun-14 A	100%	Behind Programme
PARDS270	Testing and Power Supply	11	21-Jun-14 A	24-Jun-14	70%	Behind Programme
PARDS280	Demolish existing billboards	12	25-Jun-14	09-Jul-14	0%	
PARDS - Construction T1a, T1c, T2a						
PARDS102-1	PARDS - Structural Materials Testing & Delivery	8	19-Jun-14 A	11-Jul-14	20%	Behind Programme
PARDS102-2	PARDS - Structural Fabrication	8	12-Jul-14	21-Jul-14	0%	
PARDS101-1	PARDS - Structural works (T1c)	10	22-Jul-14	01-Aug-14	0%	
PARDS100-3	PARDS - Trial Pit & Construction of Footing (T2a)	10	30-Jul-14*	09-Aug-14	0%	
PARDS110-1	PARDS - Equipment installation (T1c)	8	02-Aug-14	11-Aug-14	0%	
PARDS101-2	PARDS - Structural works (T1a)	10	02-Aug-14	13-Aug-14	0%	
PARDS110-2	PARDS - Equipment installation (T1a)	8	14-Aug-14	22-Aug-14	0%	
PARDS101-3	PARDS - Structural works (T2a)	10	14-Aug-14	25-Aug-14	0%	
PARDS110-3	PARDS - Equipment installation (T2a)	8	26-Aug-14	03-Sep-14	0%	
PARDS120	PARDS - Testing and Commissioning	5	04-Sep-14	10-Sep-14	0%	
PARDS121	PARDS - Training to AA and Hand over	5	11-Sep-14	16-Sep-14	0%	
PARDS140	PARDS - Decommission existing PARDS	0		16-Sep-14	0%	
PARDS130	PARDS - Operational (T1a, T1c, T2a)	0		16-Sep-14	0%	
Utility Culvert No. 2 Ext. near Bridge A2 [30m Approx.]						
UC2.1020	Util. Culvert No. 2 Ext. - ELS - Excavation; Ground levelling, trimming; blinding layer (1st 10m)	12	17-Sep-13 A	15-Jul-14	79%	Behind Programme
UC2.1021	Util. Culvert No. 2 Ext. - ELS - Excavation; Ground levelling, trimming; blinding layer (2nd 10m)	12	27-Dec-13 A	21-Jul-14	79%	Behind Programme
UC2.1022	Util. Culvert No. 2 Ext. - ELS - Excavation; Ground levelling, trimming; blinding layer (3rd 10m)	12	12-Mar-14 A	30-Jul-14	89%	Behind Programme
Works in HAT Tunnel (Mined Tunnel and West CCT w/ Emergency Pedestrian Passage						
CCT for HAT across Airport Road [200m Approx.]						
Civil & Structural Works						
ELS - HAT West CCT, Ch. 0+230 to Ch. 0+530						
Dia. 323 Pipe Piling Works						
HAT1610-1	HAT West C&CT - Drilling - 323 dia. pipe pile (30 of 328 nos)	10	07-Aug-14*	18-Aug-14	0%	
HAT1610-2	HAT West C&CT - Drilling - 323 dia. pipe pile (60 of 328 nos)	10	19-Aug-14	29-Aug-14	0%	
HAT1610-3	HAT West C&CT - Drilling - 323 dia. pipe pile (90 of 328 nos)	10	30-Aug-14	11-Sep-14	0%	
HAT1610-4	HAT West C&CT - Drilling - 323 dia. pipe pile (120 of 328 nos)	10	12-Sep-14	23-Sep-14	0%	
Mined Tunnel for HAT underneath AEL & at East Coast Road [97m Approx.]						
Utilities Diversion, SI Works and Temp. Access Shaft (Shaft 4)						
ELS						
HAT1580-02	HAT MT - Temporary east access shaft; Installation of struts/walings, S2 layer	8	28-Mar-14 A	13-Jun-14 A	100%	Behind Programme
HAT1580-03	HAT MT - Temporary east access shaft; Installation of struts/walings, S3 layer	8	30-Apr-14 A	03-Jul-14	80%	Behind Programme
HAT1580-04	HAT MT - Temporary east access shaft; Installation of struts/walings, S4 layer	8	10-Jun-14 A	28-Jun-14	80%	Behind Programme
HAT1578-05	HAT MT - Temporary east access shaft; Rock Excavation, S5 layer	8	14-Jun-14 A	28-Jun-14	20%	Behind Programme
HAT1580-05	HAT MT - Temporary east access shaft; Installation of struts/walings, S5 layer	8	30-Jun-14	09-Jul-14	0%	
HAT1578-06	HAT MT - Temporary east access shaft; Rock Excavation, S6a layer	10	10-Jul-14	21-Jul-14	0%	
HAT1580-06	HAT MT - Temporary east access shaft; Installation of struts/walings, S6a layer	8	22-Jul-14	30-Jul-14	0%	
HAT1578-07	HAT MT - Temporary east access shaft; Rock Excavation, S6b layer	11	31-Jul-14	12-Aug-14	0%	
HAT1580-07	HAT MT - Temporary east access shaft; Installation of struts/walings, S6b layer	8	13-Aug-14	21-Aug-14	0%	
HAT1578-08	HAT MT - Temporary east access shaft; Rock Excavation, S6c layer	11	22-Aug-14	03-Sep-14	0%	
HAT1580-08	HAT MT - Temporary east access shaft; Installation of struts/walings, S6c layer	8	04-Sep-14	13-Sep-14	0%	
HAT1578-09	HAT MT - Temporary east access shaft; Rock Excavation, S7 layer	11	15-Sep-14	26-Sep-14	0%	
New Carriageway & Modification of Existing Roads						
New Carriageway adjacent to HKIA [615m Approx.]						
Utilities Diversion						
Tele/COM Cable						
NCW1041-3	New carriageway [middle area] - Utilities diversion, Tele-com Cable Stage 1a & 1b - Excavation (500m of 500m	10	14-Mar-14 A	17-Jul-14	27%	Behind Programme
NCW1041-4	New carriageway [middle area] - Utilities diversion, Tele-com Cable Stage 1a & 1b - Duct Laying (500m of 500	10	19-Mar-14 A	22-Jul-14	27%	Behind Programme
Gasmain						
NCW1042-3	New carriageway [middle area] - Utilities diversion, DN160 Stage 1 Gas main, excavation [500m of 500m]	11	23-Apr-14 A	14-Jun-14 A	100%	Behind Programme
NCW1042-4	New carriageway [middle area] - Utilities diversion, DN160 Stage 1 Gas main, duct laying [500m of 500m]	9	24-Apr-14 A	04-Jul-14	90%	Behind Programme
NCW1043-1	New carriageway [middle area] - Utilities diversion, DN250 Stage 2 Gas main, excavation [650m of 650m], Nor	11	30-Apr-14 A	16-Jun-14 A	100%	Behind Programme
NCW1043-2	New carriageway [middle area] - Utilities diversion, DN250 Stage 2 Gas main, duct laying [650m of 650m], Nor	9	10-May-14 A	19-Jun-14 A	100%	Behind Programme
NCW1043-6	New carriageway [middle area] - Utilities diversion, DN250 Stage 2 Gas main, duct laying [400m of 650m], Mid	9	15-May-14 A	17-Jun-14 A	100%	Behind Programme
NCW1043-5	New carriageway [middle area] - Utilities diversion, DN250 Stage 2 Gas main, excavation [400m of 650m], Mid	12	18-May-14 A	14-Jun-14 A	100%	Behind Programme
Freshwater main						
NCW1047-3	New carriageway [middle area] - Util. diversion, Freshwater main, Excavation [400m of 450m]	10	24-May-14 A	02-Jul-14	50%	Behind Programme
NCW1048-3	New carriageway [middle area] - Util. diversion, Freshwater main, Pipe Laying [300m/450m]	12	26-May-14 A	12-Jun-14 A	100%	Behind Programme
NCW1048-4	New carriageway [middle area] - Util. diversion, Freshwater main, Pipe Laying [400m/450m]	12	13-Jun-14 A	04-Jul-14	50%	Behind Programme
NCW1046-00	New carriageway [middle area] - Util. diversion, Freshwater main, diversion/connection to existing [Stage 1-TTA	12	20-Jun-14	04-Jul-14	0%	
NCW1047-4	New carriageway [middle area] - Util. diversion, Freshwater main, Excavation [450m of 450m]	10	03-Jul-14	14-Jul-14	0%	



FILE: 3M26 (Rev.00)

Sheet 5 of 6

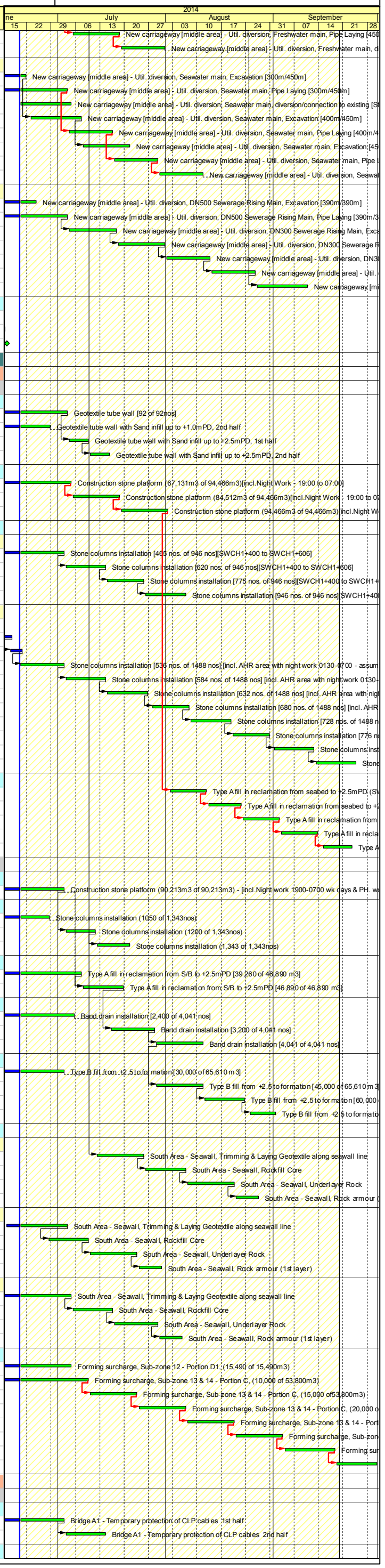
3-Months Rolling Programme (ER Part 5 & SCC 27(9))

(July 2014 to September 2014)

Layout ZMB - Layout 2 (3M Rolling Prog)(3M26)

TASK filters: 3M26, HZMB No Level Effort.

Activity ID	Activity Name	Dur. (days)	Start	Finish	Activity % Complete	Remarks
NCW1048-9	New carriageway [middle area] - Util. diversion, Freshwater main, Pipe Laying [450m/450m]	12	05-Jul-14	18-Jul-14	0%	
NCW1048-00	New carriageway [middle area] - Util. diversion, Freshwater main, diversion/connection to existing water main [	11	19-Jul-14	31-Jul-14	0%	
Seawater main						
NCW1086-22	New carriageway [middle area] - Util. diversion, Seawater main, Excavation [300m/450m]	12	18-Mar-14 A	21-Jun-14	83.33%	Behind Programme
NCW1086-41	New carriageway [middle area] - Util. diversion, Seawater main, Pipe Laying [300m/450m]	11	19-May-14 A	03-Jul-14	85%	Behind Programme
NCW1086-00	New carriageway [middle area] - Util. diversion, Seawater main, diversion/connection to existing [Stage 1-TTA i	12	20-Jun-14	04-Jul-14	0%	
NCW1086-33	New carriageway [middle area] - Util. diversion, Seawater main, Excavation [400m/450m]	12	23-Jun-14	07-Jul-14	0%	
NCW1086-51	New carriageway [middle area] - Util. diversion, Seawater main, Pipe Laying [400m/450m]	11	04-Jul-14	16-Jul-14	0%	
NCW1086-44	New carriageway [middle area] - Util. diversion, Seawater main, Excavation [450m/450m]	12	08-Jul-14	21-Jul-14	0%	
NCW1086-61	New carriageway [middle area] - Util. diversion, Seawater main, Pipe Laying [450m/450m]	11	17-Jul-14	29-Jul-14	0%	
NCW1086-01	New carriageway [middle area] - Util. diversion, Seawater main, diversion/connection to existing water main [45	11	30-Jul-14	11-Aug-14	0%	
Sewerage Rising Main						
NCW1087-4	New carriageway [middle area] - Util. diversion, DN500 Sewerage Rising Main, Excavation [390m/390m]	10	02-May-14 A	24-Jun-14	70%	Behind Programme
NCW1087-8	New carriageway [middle area] - Util. diversion, DN500 Sewerage Rising Main, Pipe Laying [390m/390m]	11	09-Jun-14 A	03-Jul-14	15%	Behind Programme
NCW1087-11	New carriageway [middle area] - Util. diversion, DN300 Sewerage Rising Main, Excavation [100m/200m]	12	04-Jul-14	17-Jul-14	0%	
NCW1087-22	New carriageway [middle area] - Util. diversion, DN300 Sewerage Rising Main, Excavation [200m/200m]	12	18-Jul-14	31-Jul-14	0%	
NCW1087-21	New carriageway [middle area] - Util. diversion, DN300 Sewerage Rising Main, Pipe Laying [100m/200m]	11	01-Aug-14	13-Aug-14	0%	
NCW1087-31	New carriageway [middle area] - Util. diversion, DN300 Sewerage Rising Main, Pipe Laying [100m/200m]	11	14-Aug-14	26-Aug-14	0%	
NCW1088	New carriageway [middle area] - Utilities diversion Completion	12	27-Aug-14	10-Sep-14	0%	
Stage 1 TTA - Diversion of NB Airport Road (for Works in BA2)						
NCW1055	Roadwork for Stage 1 TTA	11	15-Apr-14 A	12-Jun-14 A	100%	Behind Programme
NCW1065	Preparation for Implementation of Stage 1 TTA	12	13-Jun-14 A	15-Jun-14 A	100%	Behind Programme
NCW1075	Stage 1 TTA Implementation	0	16-Jun-14 A		100%	Behind Programme
WORKS IN NORTH AREA - CH 15+500 to CH 16+223 (HKLR AT GRADE & ROADWORKS)						
Reclamation & Seawall Const. [723m Approx.]						
Remaining Portion From SWCH1400 to 1830 (AHR 15 to 20mPD)[Except Zone D)						
Area2 - Geotextile Tube Wall + Sandfill to +2.5mPD						
RSC1106-15	Geotextile tube wall [92 of 92nos]	12	15-Apr-14 A	03-Jul-14	25%	Behind Programme
RSC1106-17	Geotextile tube wall with Sand infill up to +1.0mPD, 2nd half	8	09-Jun-14 A	28-Jun-14	90%	Behind Programme
RSC1106-18	Geotextile tube wall with Sand infill up to +2.5mPD, 1st half	5	04-Jul-14	09-Jul-14	0%	
RSC1106-19	Geotextile tube wall with Sand infill up to +2.5mPD, 2nd half	5	10-Jul-14	15-Jul-14	0%	
Stone Platform						
RSC1106-4	Construction stone platform (67,131m3 of 94,466m3)[incl.Night Work - 19:00 to 07:00]	12	06-Jun-14 A	04-Jul-14	88%	Behind Programme
RSC1106-5	Construction stone platform (84,512m3 of 94,466m3)[incl.Night Work - 19:00 to 07:00]	12	05-Jul-14	18-Jul-14	0%	
RSC1106-6	Construction stone platform (94,466m3 of 94,466m3)[incl.Night Work - 19:00 to 07:00]	12	19-Jul-14	01-Aug-14	0%	
Stone Column						
North Portion (Except Area 2)						
RSC1109-3	Stone columns installation [465 nos. of 946 nos][SWCH1+400 to SWCH1+606]	10	11-Apr-14 A	02-Jul-14	26%	Behind Programme
RSC1109-4	Stone columns installation [620 nos. of 946 nos][SWCH1+400 to SWCH1+606]	10	03-Jul-14	14-Jul-14	0%	
RSC1109-5	Stone columns installation [775 nos. of 946 nos][SWCH1+400 to SWCH1+606]	10	15-Jul-14	25-Jul-14	0%	
RSC1109-6	Stone columns installation [946 nos. of 946 nos][SWCH1+400 to SWCH1+606]	10	26-Jul-14	06-Aug-14	0%	
Area 2 - AHR Area						
RSC1110-9	Stone columns installation [432 nos. of 1488 nos] [incl. AHR area with night work 0130-0700 - assumed 3rig@	10	06-Jun-14 A	10-Jun-14 A	100%	Behind Programme
RSC1110-10	Stone columns installation [480 nos. of 1488 nos] [incl. AHR area with night work 0130-0700 - assumed 3rig@	10	10-Jun-14 A	17-Jun-14 A	100%	Behind Programme
RSC1110-11	Stone columns installation [488 nos. of 1488 nos] [incl. AHR area with night work 0130-0700 - assumed 3rig@	10	17-Jun-14 A	20-Jun-14 A	100%	Behind Programme
RSC1110-12	Stone columns installation [536 nos. of 1488 nos] [incl. AHR area with night work 0130-0700 - assumed 3rig@	10	20-Jun-14 A	02-Jul-14	29%	Behind Programme
RSC1110-13	Stone columns installation [584 nos. of 1488 nos] [incl. AHR area with night work 0130-0700 - assumed 3rig@	10	03-Jul-14	14-Jul-14	0%	
RSC1110-14	Stone columns installation [632 nos. of 1488 nos] [incl. AHR area with night work 0130-0700 - assumed 3rig@	11	15-Jul-14	26-Jul-14	0%	
RSC1110-15	Stone columns installation [680 nos. of 1488 nos] [incl. AHR area with night work 0130-0700 - assumed 3rig@	10	28-Jul-14	07-Aug-14	0%	
RSC1110-16	Stone columns installation [728 nos. of 1488 nos] [incl. AHR area with night work 0130-0700 - assumed 3rig@	10	08-Aug-14	19-Aug-14	0%	
RSC1110-17	Stone columns installation [776 nos. of 1488 nos] [incl. AHR area with night work 0130-0700 - assumed 3rig@	10	20-Aug-14	30-Aug-14	0%	
RSC1110-18	Stone columns installation [824 nos. of 1488 nos] [incl. AHR area with night work 0130-0700 - assumed 3rig@	10	01-Sep-14	12-Sep-14	0%	
RSC1110-19	Stone columns installation [872 nos. of 1488 nos] [incl. AHR area with night work 0130-0700 - assumed 3rig@	10	13-Sep-14	24-Sep-14	0%	
Filling to +2.5mPD (Sand Fill to +1mPD and Public Fill to +2.5mPD)						
RSC1107-1	Type A fill in reclamation from seabed to +2.5mPD (SWCH1400 to SWCH 1450)	9	02-Aug-14	12-Aug-14	0%	
RSC1107-2	Type A fill in reclamation from seabed to +2.5mPD (SWCH1450 to SWCH 1500)	9	13-Aug-14	22-Aug-14	0%	
RSC1107-3	Type A fill in reclamation from seabed to +2.5mPD (SWCH1500 to SWCH 1550)	9	23-Aug-14	02-Sep-14	0%	
RSC1107-4	Type A fill in reclamation from S/B to +2.5mPD (SWCH1550 to SWCH 1600)	9	03-Sep-14	13-Sep-14	0%	
RSC1107-5	Type A fill in reclamation from S/B to +2.5mPD (SWCH1600 to SWCH 1650)	8	15-Sep-14	23-Sep-14	0%	
Portion C & D1 From SWCH1850 to 2070 (AHR 17.5 to 20mPD)						
Stone Platform						
RSC1133-14	Construction stone platform (90,213m3 of 90,213m3) - [incl.Night work 1900-0700 wk days & PH. work 0000-(	10	08-Jun-14 A	02-Jul-14	60%	Behind Programme
Stone Column						
RSC1136-7	Stone columns installation (1050 of 1,343nos)	8	31-May-14 A	28-Jun-14	8%	
RSC1136-8	Stone columns installation (1200 of 1,343nos)	8	03-Jul-14	11-Jul-14	0%	
RSC1136-9	Stone columns installation (1,343 of 1,343nos)	8	12-Jul-14	21-Jul-14	0%	
Filling to +2.5mPD (70% Sand Fill and 30% Public Fill)						
RSC1134-5	Type A fill in reclamation from S/B to +2.5mPD [39,260 of 46,890 m3]	10	05-Feb-14 A	07-Jul-14	77%	Behind Programme
RSC1134-6	Type A fill in reclamation from S/B to +2.5mPD [46,890 of 46,890 m3]	11	08-Jul-14	19-Jul-14	0%	
Band Drains						
RSC1135-3	Band drain installation [2,400 of 4,041 nos]	10	18-Jan-14 A	05-Jul-14	83%	Behind Programme
RSC1135-4	Band drain installation [3,200 of 4,041 nos]	11	16-Jul-14	28-Jul-14	0%	
RSC1135-5	Band drain installation [4,041 of 4,041 nos]	12	29-Jul-14	11-Aug-14	0%	
General Fill to Formation +5.5mPD						
RSC1145-2	Type B fill from +2.5 to formation [30,000 of 65,610 m3]	10	11-Apr-14 A	02-Jul-14	4%	Behind Programme
RSC1145-3	Type B fill from +2.5 to formation [45,000 of 65,610 m3]	12	29-Jul-14	11-Aug-14	0%	
RSC1145-4	Type B fill from +2.5 to formation [60,000 of 65,610 m3]	11	12-Aug-14	23-Aug-14	0%	
RSC1145-5	Type B fill from +2.5 to formation [65,610 of 65,610 m3]	7	25-Aug-14	01-Sep-14	0%	
Seawall Construction (Portion C and D1) CH 1+850 to CH 2+020 - 170m						
SWCH 1+850 to SWCH 1+900 - 50m						
SW2100	South Area - Seawall, Trimming & Laying Geotextile along seawall line	12	12-Jul-14	25-Jul-14	0%	
SW2110	South Area - Seawall, Rockfill Core	10	26-Jul-14	06-Aug-14	0%	
SW2120	South Area - Seawall, Underlayer Rock	12	07-Aug-14	20-Aug-14	0%	
SW2130	South Area - Seawall, Rock armour (1st layer)	6	21-Aug-14	27-Aug-14	0%	
SWCH 1+900 to SWCH 1+960 - 60m						
SW2200	South Area - Seawall, Trimming & Laying Geotextile along seawall line	11	16-Jun-14 A	03-Jul-14	15%	Behind Programme
SW2210	South Area - Seawall, Rockfill Core	9	28-Jun-14	09-Jul-14	0%	
SW2220	South Area - Seawall, Underlayer Rock	12	10-Jul-14	23-Jul-14	0%	
SW2230	South Area - Seawall, Rock armour (1st layer)	6	24-Jul-14	30-Jul-14	0%	
SWCH 1+960 to SWCH 2+020 - 60m						
SW2300	South Area - Seawall, Trimming & Laying Geotextile along seawall line	12	06-Jun-14 A	04-Jul-14	15%	Behind Programme
SW2310	South Area - Seawall, Rockfill Core	10	05-Jul-14	16-Jul-14	0%	
SW2320	South Area - Seawall, Underlayer Rock	11	17-Jul-14	29-Jul-14	0%	
SW2330	South Area - Seawall, Rock armour (1st layer)	6	30-Jul-14	05-Aug-14	0%	
Surcharge						
RSC1144-3	Forming surcharge, Sub-zone 12 - Portion D1, (15,490 of 15,490m3)	8	10-Feb-14 A	04-Jul-14	70%	On Programme
RSC1146-2	Forming surcharge, Sub-zone 13 & 14 - Portion C, (10,000 of 53,800m3)	12	16-May-14 A	09-Jul-14	41%	On Programme
RSC1146-3	Forming surcharge, Sub-zone 13 & 14 - Portion C, (15,000 of53,800m3)	12	10-Jul-14	23-Jul-14	0%	
RSC1146-4	Forming surcharge, Sub-zone 13 & 14 - Portion C, (20,000 of 53,800m3)	12	24-Jul-14	06-Aug-14	0%	
RSC1146-5	Forming surcharge, Sub-zone 13 & 14 - Portion C, (25,000 of53,800m3)	12	07-Aug-14	20-Aug-14	0%	
RSC1146-6	Forming surcharge, Sub-zone 13 & 14 - Portion C, (30,000 of 53,800m3)	12	21-Aug-14	03-Sep-14	0%	
RSC1146-7	Forming surcharge, Sub-zone 13 & 14 - Portion C, (35,000 of 53,800m3)	12	04-Sep-14	18-Sep-14	0%	
RSC1146-8	Forming surcharge, Sub-zone 13 & 14 - Portion C, (45,000 of 53,800m3)	10	19-Sep-14	30-Sep-14	0%	
Works in Bridge A1 & Depressed Road						
Bridge A1 - Initial Works and SI Works						
Temporary Utilities Diversion (CLP-11KV & 132KV)						
BA1.1422-15	Bridge A1 - Temporary protection of CLP cables 1st half	10	09-Jun-14 A	02-Jul-14	20%	Behind Programme
BA1.1422-25	Bridge A1 - Temporary protection of CLP cables 2nd half	10	03-Jul-14	14-Jul-14	0%	
Temporary utilities Diversion (TEL/COM/CAD/ATC Cable Protetion)						



FILE: 3M26 (Rev.00)

Sheet 6 of 6

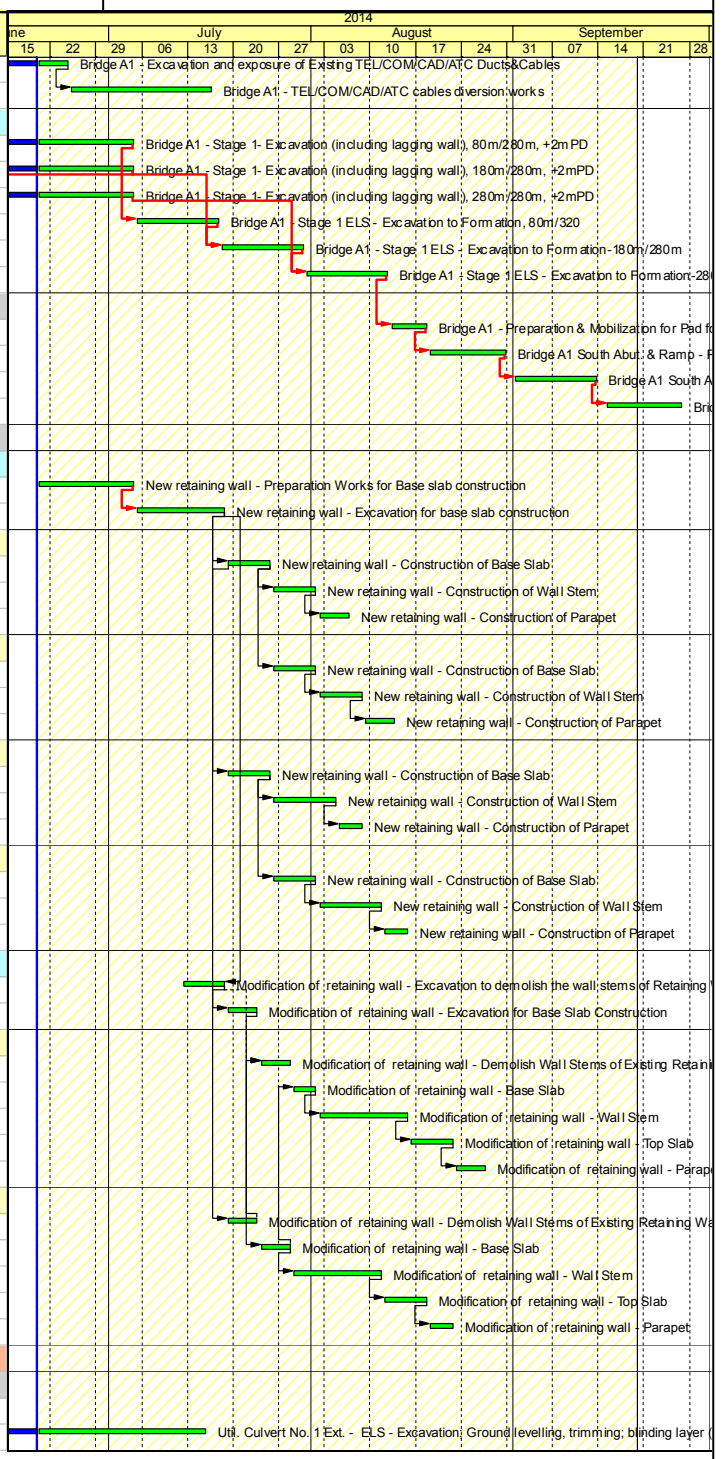
3-Months Rolling Programme (ER Part 5 & SCC 27(9))

(July 2014 to September 2014)

Layout ZMB - Layout 2 (3M Rolling Prog)(3M26)

TASK filters: 3M26, HZMB No Level Effort.

Activity ID	Activity Name	Dur. (days)	Start	Finish	Activity % Complete	Remarks
BA1.1422-8	Bridge A1 - Excavation and exposure of Existing TEL/COM/CAD/ATC Ducts&Cables	6	14-Apr-14 A	24-Jun-14	70%	Behind Programme
BA1.1422-9	Bridge A1 - TEL/COM/CAD/ATC cables diversion works	18	25-Jun-14	16-Jul-14	0%	
ELS						
BA1.1421-1	Bridge A1 - Stage 1- Excavation (including lagging wall), 80m/280m, +2m PD	9	09-Apr-14 A	04-Jul-14	60%	Behind Programme
BA1.1421-2	Bridge A1 - Stage 1- Excavation (including lagging wall), 180m/280m, +2mPD	9	23-Apr-14 A	04-Jul-14	90%	Behind Programme
BA1.1421-3	Bridge A1 - Stage 1- Excavation (including lagging wall), 280m/280m, +2mPD	9	23-May-14 A	04-Jul-14	90%	Behind Programme
BA1.1430-1	Bridge A1 - Stage 1 ELS - Excavation to Formation, 80m/320	11	05-Jul-14	17-Jul-14	0%	
BA1.1430-2	Bridge A1 - Stage 1 ELS - Excavation to Formation-180m/280m	11	18-Jul-14	30-Jul-14	0%	
BA1.1430-3	Bridge A1 - Stage 1 ELS - Excavation to Formation-280m/280m	11	31-Jul-14	12-Aug-14	0%	
Bridge A1 - Footings & Abutment						
BA1.1110	Bridge A1 - Preparation & Mobilization for Pad footings	5	13-Aug-14	18-Aug-14	0%	
BA1.1010	Bridge A1 South Abut. & Ramp - Pad footing, Stage 1	11	19-Aug-14	30-Aug-14	0%	
BA1.1011	Bridge A1 South Abut. & Ramp - Pad footing, Stage 2	11	01-Sep-14	13-Sep-14	0%	
BA1.1012	Bridge A1 South Abut. & Ramp - Pad footing, Stage 3	11	15-Sep-14	26-Sep-14	0%	
Modification of Retaining Wall (at South of Tung Fai Road)						
Construction of New Retaining Wall (PART A)						
RW1355	New retaining wall - Preparation Works for Base slab construction	12	20-Jun-14	04-Jul-14	0%	
RW1360	New retaining wall - Excavation for base slab construction	12	05-Jul-14*	18-Jul-14	0%	
Bay 1						
RW1050	New retaining wall - Construction of Base Slab	6	19-Jul-14	25-Jul-14	0%	
RW1060	New retaining wall - Construction of Wall Stem	6	26-Jul-14	01-Aug-14	0%	
RW1070	New retaining wall - Construction of Parapet	4	02-Aug-14	06-Aug-14	0%	
Bay 2						
RW1080	New retaining wall - Construction of Base Slab	6	26-Jul-14	01-Aug-14	0%	
RW1090	New retaining wall - Construction of Wall Stem	6	02-Aug-14	08-Aug-14	0%	
RW1100	New retaining wall - Construction of Parapet	4	09-Aug-14	13-Aug-14	0%	
Bay 3						
RW1110	New retaining wall - Construction of Base Slab	6	19-Jul-14	25-Jul-14	0%	
RW1120	New retaining wall - Construction of Wall Stem	8	26-Jul-14	04-Aug-14	0%	
RW1130	New retaining wall - Construction of Parapet	4	05-Aug-14	08-Aug-14	0%	
Bay 4						
RW1140	New retaining wall - Construction of Base Slab	6	26-Jul-14	01-Aug-14	0%	
RW1150	New retaining wall - Construction of Wall Stem	8	02-Aug-14	11-Aug-14	0%	
RW1160	New retaining wall - Construction of Parapet	4	12-Aug-14	15-Aug-14	0%	
Modification of Retaining Wall (Part B)						
RW1400	Modification of retaining wall - Excavation to demolish the wall stems of Retaining Wall	6	12-Jul-14	18-Jul-14	0%	
RW1370	Modification of retaining wall - Excavation for Base Slab Construction	4	19-Jul-14	23-Jul-14	0%	
Bay 5						
RW1170	Modification of retaining wall - Demolish Wall Stems of Existing Retaining Wall	4	24-Jul-14	28-Jul-14	0%	
RW1190	Modification of retaining wall - Base Slab	4	29-Jul-14	01-Aug-14	0%	
RW1200	Modification of retaining wall - Wall Stem	12	02-Aug-14	15-Aug-14	0%	
RW1210	Modification of retaining wall - Top Slab	6	16-Aug-14	22-Aug-14	0%	
RW1290	Modification of retaining wall - Parapet	4	23-Aug-14	27-Aug-14	0%	
Bay 6						
RW1230	Modification of retaining wall - Demolish Wall Stems of Existing Retaining Wall	4	19-Jul-14	23-Jul-14	0%	
RW1250	Modification of retaining wall - Base Slab	4	24-Jul-14	28-Jul-14	0%	
RW1260	Modification of retaining wall - Wall Stem	12	29-Jul-14	11-Aug-14	0%	
RW1270	Modification of retaining wall - Top Slab	6	12-Aug-14	18-Aug-14	0%	
RW1280	Modification of retaining wall - Parapet	4	19-Aug-14	22-Aug-14	0%	
Utility Culvert No.1						
Utility Culvert No. 1 Ext. across the road leading to Cheong Hong Road [48m Approx.]						
UC1.1080-2	Util. Culvert No. 1 Ext. - ELS - Excavation; Ground levelling, trimming; blinding layer (2nd 32m)	8	04-Jan-14 A	10-Jun-14 A	100%	Behind Programme
UC1.1080-3	Util. Culvert No. 1 Ext. - ELS - Excavation; Ground levelling, trimming; blinding layer (3rd 48m)	8	12-Mar-14 A	15-Jul-14	80%	Behind Programme



APPENDIX C

Calibration Certificates

輝創工程有限公司
Sun Creation Engineering Limited
Calibration and Testing Laboratory

Certificate of Calibration
校正證書

Certificate No. : C143157
證書編號

ITEM TESTED / 送檢項目 (Job No. / 序引編號 : IC14-1278) Date of Receipt / 收件日期 : 15 May 2014

Description / 儀器名稱 : Acoustical Calibrator
Manufacturer / 製造商 : Brüel & Kjær
Model No. / 型號 : 4231
Serial No. / 編號 : 3003246
Supplied By / 委託者 : Atkins China Limited
13/F, Wharf T&T Centre, Harbour City, Tsim Sha Tsui, Kowloon

TEST CONDITIONS / 測試條件

Temperature / 溫度 : (23 ± 2)°C
Relative Humidity / 相對濕度 : (55 ± 20)%
Line Voltage / 電壓 : ---

TEST SPECIFICATIONS / 測試規範

Calibration check

DATE OF TEST / 測試日期 : 24 May 2014

TEST RESULTS / 測試結果

The results apply to the particular unit-under-test only.
All results are within manufacturer's specification.
The results are detailed in the subsequent page(s).

The test equipment used for calibration are traceable to National Standards via :
- The Government of The Hong Kong Special Administrative Region Standard & Calibration Laboratory
- Rohde & Schwarz Laboratory, Germany
- Fluke Everett Service Center, USA
- Agilent Technologies, USA

Tested By 測試 : K C Lee, Project Engineer

Certified By 核證 : K M Wu, Engineer

Date of Issue 簽發日期 : 28 May 2014

Sun Creation Engineering Limited – Calibration & Testing Laboratory
c/o 4/F, Tsing Shan Wan Exchange Building, 1 Hing On Lane, Tuen Mun, New Territories, Hong Kong
輝創工程有限公司 – 校正及檢測實驗所
c/o 香港新界屯門興安里一號青山灣機樓四樓
Tel/電話: 2927 2606 Fax/傳真: 2744 8986 E-mail/電郵: callab@suncreation.com Website/網址: www.suncreation.com

輝創工程有限公司
Sun Creation Engineering Limited
Calibration and Testing Laboratory

Certificate of Calibration
校正證書

Certificate No. : C143157
證書編號

1. The unit-under-test (UUT) was allowed to stabilize in the laboratory for over 12 hours before the commencement of the test.

2. The results presented are the mean of 3 measurements at each calibration point.

3. Test equipment :

Equipment ID	Description	Certificate No.
CL130	Universal Counter	C133632
CL281	Multifunction Acoustic Calibrator	DC130171
TST150A	Measuring Amplifier	C141558

4. Test procedure : MA100N.

5. Results :

5.1 Sound Level Accuracy

UUT Nominal Value	Measured Value (dB)	Mfr's Spec. (dB)	Uncertainty of Measured Value (dB)
94 dB, 1 kHz	94.0	± 0.2	± 0.2
114 dB, 1 kHz	114.0		

5.2 Frequency Accuracy

UUT Nominal Value (kHz)	Measured Value (kHz)	Mfr's Spec.	Uncertainty of Measured Value (Hz)
1	1.000 0	1 kHz ± 0.1 %	± 0.1

Remark : The uncertainties are for a confidence probability of not less than 95 %.

Note :
The values given in this 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 environment changes, vibration and shock during transportation, overloading, mis-handling, or the capability of any other laboratory to repeat the measurement. Sun Creation Engineering Limited shall not be liable for any loss or damage resulting from the use of the equipment.

Sun Creation Engineering Limited – Calibration & Testing Laboratory
c/o 4/F, Tsing Shan Wan Exchange Building, 1 Hing On Lane, Tuen Mun, New Territories, Hong Kong
輝創工程有限公司 – 校正及檢測實驗所
c/o 香港新界屯門興安里一號青山灣機樓四樓
Tel/電話: 2927 2606 Fax/傳真: 2744 8986 E-mail/電郵: callab@suncreation.com Website/網址: www.suncreation.com

輝創工程有限公司
Sun Creation Engineering Limited
Calibration and Testing Laboratory

Certificate of Calibration
校正證書

Certificate No. : C135382
證書編號

ITEM TESTED / 送檢項目 (Job No. / 序引編號 : IC13-2172)

Description / 儀器名稱	:	Integrating Sound Level Meter
Manufacturer / 製造商	:	Brüel & Kjær
Model No. / 型號	:	2238
Serial No. / 編號	:	2808432
Supplied By / 委託者	:	Atkins China Limited 13/F, Wharf T&T Centre, Harbour City, Tsim Sha Tsui, Kowloon

TEST CONDITIONS / 測試條件

Temperature / 溫度 : (23 ± 2)°C
Relative Humidity / 相對濕度 : (55 ± 20)%
Line Voltage / 電壓 : ---

TEST SPECIFICATIONS / 測試規範

Calibration check

DATE OF TEST / 測試日期 : 26 August 2013

TEST RESULTS / 測試結果

The results apply to the particular unit-under-test only.
All results are within manufacturer's specification.
The results are detailed in the subsequent page(s).

The test equipment used for calibration are traceable to National Standards via :
- The Government of The Hong Kong Special Administrative Region Standard & Calibration Laboratory
- Rohde & Schwarz Laboratory, Germany
- Fluke Everett Service Center, USA
- Agilent Technologies, USA

Tested By 測試 : K C Lee

Certified By 核證 : K M Wu

Date of Issue 簽發日期 : 28 August 2013

Sun Creation Engineering Limited – Calibration & Testing Laboratory
c/o 4/F, Tsing Shan Wan Exchange Building, 1 Hing On Lane, Tuen Mun, New Territories, Hong Kong
輝創工程有限公司 – 校正及檢測實驗所
c/o 香港新界屯門興安里一號青山灣機樓四樓
Tel/電話: 2927 2606 Fax/傳真: 2744 8986 E-mail/電郵: callab@suncreation.com Website/網址: www.suncreation.com

Certificate of Calibration
校正證書

Certificate No. : C135382
證書編號

1. The unit-under-test (UUT) was allowed to stabilize in the laboratory for over 12 hours, and switched on to warm up for over 10 minutes before the commencement of the test.

2. Self-calibration using laboratory acoustic calibrator was performed before the test from 6.1.1.2 to 6.4.

3. The results presented are the mean of 3 measurements at each calibration point.

4. Test equipment :

Equipment ID	Description	Certificate No.
CL280	40 MHz Arbitrary Waveform Generator	C130019
CL281	Multifunction Acoustic Calibrator	DC130171

5. Test procedure : MA101N.

6. Results :

6.1 Sound Pressure Level

6.1.1 Reference Sound Pressure Level

6.1.1.1 Before Self-calibration

UUT Setting				Applied Value		UUT Reading (dB)
Range (dB)	Parameter	Frequency Weighting	Time Weighting	Level (dB)	Freq. (kHz)	
50 - 130	L_{AFP}	A	F	94.00	1	94.2

6.1.1.2 After Self-calibration

UUT Setting				Applied Value		UUT Reading (dB)	IEC 60651 Type 1 Spec. (dB)
Range (dB)	Parameter	Frequency Weighting	Time Weighting	Level (dB)	Freq. (kHz)		
50 - 130	L_{AFP}	A	F	94.00	1	94.1	± 0.7

6.1.2 Linearity

UUT Setting				Applied Value		UUT Reading (dB)
Range (dB)	Parameter	Frequency Weighting	Time Weighting	Level (dB)	Freq. (kHz)	
50 - 130	L_{AFP}	A	F	94.00	1	94.1 (Ref.)
				104.00		104.1
				114.00		114.1

IEC 60651 Type 1 Spec. : ± 0.4 dB per 10 dB step and ± 0.7 dB for overall different.

Certificate of Calibration
校正證書

Certificate No. : C135382
證書編號

6.2 Time Weighting

6.2.1 Continuous Signal

UUT Setting				Applied Value		UUT Reading (dB)	IEC 60651 Type 1 Spec. (dB)
Range (dB)	Parameter	Frequency Weighting	Time Weighting	Level (dB)	Freq. (kHz)		
50 - 130	L_{AFP}	A	F	94.00	1	94.1	Ref.
	L_{ASP}		S			94.1	± 0.1
	L_{AIP}		I			94.2	± 0.1

6.2.2 Tone Burst Signal (2 kHz)

UUT Setting				Applied Value		UUT Reading (dB)	IEC 60651 Type 1 Spec. (dB)
Range (dB)	Parameter	Frequency Weighting	Time Weighting	Level (dB)	Burst Duration		
30 - 110	L_{AFP}	A	F	106.0	Continuous	106.0	Ref.
	L_{AFMax}				200 ms	105.0	-1.0 ± 1.0
	L_{ASP}		S		Continuous	106.0	Ref.
	L_{ASMax}				500 ms	102.0	-4.1 ± 1.0

6.3 Frequency Weighting

6.3.1 A-Weighting

UUT Setting				Applied Value		UUT Reading (dB)	IEC 60651 Type 1 Spec. (dB)
Range (dB)	Parameter	Frequency Weighting	Time Weighting	Level (dB)	Freq.		
50 - 130	L_{AFP}	A	F	94.00	31.5 Hz	55.0	-39.4 ± 1.5
					63 Hz	68.0	-26.2 ± 1.5
					125 Hz	78.0	-16.1 ± 1.0
					250 Hz	85.4	-8.6 ± 1.0
					500 Hz	90.9	-3.2 ± 1.0
					1 kHz	94.1	Ref.
					2 kHz	95.3	+1.2 ± 1.0
					4 kHz	95.1	+1.0 ± 1.0
					8 kHz	93.0	-1.1 (+1.5 ; -3.0)
					12.5 kHz	89.8	-4.3 (+3.0 ; -6.0)

Sun Creation Engineering Limited – Calibration & Testing Laboratory
c/o 4/F, Tsing Shan Wan Exchange Building, 1 Hing On Lane, Tuen Mun, New Territories, Hong Kong
輝創工程有限公司 – 校正及檢測實驗所
c/o 香港新界屯門興安里一號青山灣機樓四樓
Tel/電話: 2927 2606 Fax/傳真: 2744 8986 E-mail/電郵: callab@suncreation.com Website/網址: www.suncreation.com

Certificate of Calibration
校正證書

Certificate No. : C135382
證書編號

6.3.2 C-Weighting

UUT Setting				Applied Value		UUT Reading (dB)	IEC 60651 Type 1 Spec. (dB)
Range (dB)	Parameter	Frequency Weighting	Time Weighting	Level (dB)	Freq.		
50 - 130	L_{CFP}	C	F	94.00	31.5 Hz	91.3	-3.0 ± 1.5
					63 Hz	93.4	-0.8 ± 1.5
					125 Hz	93.9	-0.2 ± 1.0
					250 Hz	94.1	0.0 ± 1.0
					500 Hz	94.1	0.0 ± 1.0
					1 kHz	94.1	Ref.
					2 kHz	93.9	-0.2 ± 1.0
					4 kHz	93.3	-0.8 ± 1.0
					8 kHz	91.0	-3.0 (+1.5 ; -3.0)
					12.5 kHz	87.9	-6.2 (+3.0 ; -6.0)

6.4 Time Averaging

UUT Setting				Applied Value					UUT Reading (dB)	IEC 60804 Type 1 Spec. (dB)
Range (dB)	Parameter	Frequency Weighting	Integrating Time	Frequency (kHz)	Burst Duration (ms)	Burst Duty Factor	Burst Level (dB)	Equivalent Level (dB)		
30 - 110	L_{Aeq}	A	10 sec.	4	1	1/10	110.0	100	99.9	± 0.5
						$1/10^2$		90	90.0	± 0.5
			60 sec.			$1/10^3$		80	79.7	± 1.0
			5 min.			$1/10^4$		70	69.7	± 1.0

Remarks : - UUT Microphone Model No. : 4188 & S/N : 2791442

- Mfr's Spec. : IEC 60651 Type 1 & IEC 60804 Type 1

- Uncertainties of Applied Value :

94 dB	: 31.5 Hz - 125 Hz	: ± 0.35 dB
	250 Hz - 500 Hz	: ± 0.30 dB
	1 kHz	: ± 0.20 dB
	2 kHz - 4 kHz	: ± 0.35 dB
	8 kHz	: ± 0.45 dB
	12.5 kHz	: ± 0.70 dB
104 dB	: 1 kHz	: ± 0.10 dB (Ref. 94 dB)
114 dB	: 1 kHz	: ± 0.10 dB (Ref. 94 dB)
Burst equivalent level		: ± 0.2 dB (Ref. 110 dB continuous sound level)

- The uncertainties are for a confidence probability of not less than 95 %.

Note :
The values given in this 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 environment changes, vibration and shock during transportation, overloading, mis-handling, or the capability of any other laboratory to repeat the measurement. Sun Creation Engineering Limited shall not be liable for any loss or damage resulting from the use of the equipment.

Sun Creation Engineering Limited – Calibration & Testing Laboratory
c/o 4/F, Tsing Shan Wan Exchange Building, 1 Hing On Lane, Tuen Mun, New Territories, Hong Kong
輝創工程有限公司 – 校正及檢測實驗所
c/o 香港新界屯門興安里一號青山灣機樓四樓
Tel/電話: 2927 2606 Fax/傳真: 2744 8986 E-mail/電郵: callab@suncreation.com Website/網址: www.suncreation.com

ENVIROTECH SERVICES CO.

High-Volume TSP Sampler
5-Point Calibration Record

Location	**:**	**AMS5(Ma Wan Chung Village)**
Calibrated by	**:**	**K.F.Ho**
Date	**:**	**10/06/2014**

Sampler

Model	**:**	**TE-5170**
Serial Number	**:**	**S/N3640**

Calibration Orfice and Standard Calibration Relationship

Serial Number	**:**	**2454**
Service Date	**:**	**24 Mar 2014**
Slope (m)	**:**	**2.07593**
Intercept (b)	**:**	**-0.00102**
Correlation Coefficient(r)	**:**	**0.99996**

Standard Condition

Pstd (hpa)	**:**	**1013**
Tstd (K)	**:**	**298.18**

Calibration Condition

Pa (hpa)	**:**	**1002**
Ta(K)	**:**	**302**

Resistance Plate		dH [green liquid] (inch water)	Z	X=Qstd (cubic meter/min)	IC	Y
1	18 holes	11.4	3.357	1.618	58	57.66
2	13 holes	8.4	2.881	1.389	55	54.68
3	10 holes	6.7	2.573	1.240	46	45.73
4	7 holes	4.5	2.109	1.016	38	37.78
5	5 holes	2.5	1.572	0.758	25	24.85

Notes:Z=SQRT{dH(Pa/Pstd)(Tstd/Ta)}, X=Z/m-b ,Y(Corrected Flow)=IC*{SQRT(Pa/Pstd)(Tstd/Ta)}

Sampler Calibration Relationship

Slope(m):45.185 Intercept(b): -8.761 **Correlation Coefficient(r): 0.9990**

Checked by: Magnum Fan **Date: 17/06/2014**

ENVIROTECH SERVICES CO.

High-Volume TSP Sampler
5-Point Calibration Record

Location	**:**	**AMS6(Dragonair Building)**
Calibrated by	**:**	**K.F.Ho**
Date	**:**	**10/06/2014**

Sampler

Model	**:**	**TE-5170**
Serial Number	**:**	**S/N3639**

Calibration Orfice and Standard Calibration Relationship

Serial Number	**:**	**2454**
Service Date	**:**	**24 Mar 2014**
Slope (m)	**:**	**2.07593**
Intercept (b)	**:**	**-0.00102**
Correlation Coefficient(r)	**:**	**0.99996**

Standard Condition

Pstd (hpa)	**:**	**1013**
Tstd (K)	**:**	**298.18**

Calibration Condition

Pa (hpa)	**:**	**1002**
Ta(K)	**:**	**302**

Resistance Plate		dH [green liquid] (inch water)	Z	X=Qstd (cubic meter/min)	IC	Y
1	18 holes	12	3.422	1.649	57	56.31
2	13 holes	9.6	3.061	1.475	50	49.40
3	10 holes	7.5	2.706	1.304	44	43.47
4	7 holes	5.1	2.231	1.075	36	35.57
5	5 holes	2.9	1.682	0.811	27	26.67

Notes:Z=SQRT{dH(Pa/Pstd)(Tstd/Ta)}, X=Z/m-b ,Y(Corrected Flow)=IC*{SQRT(Pa/Pstd)(Tstd/Ta)}

Sampler Calibration Relationship

Slope(m):35.127 Intercept(b): -2.075 Correlation Coefficient(r): 0.9995

Checked by: Magnum Fan Date: 17/06/2014

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

ORIFICE TRANSFER STANDARD CERTIFICATION WORKSHEET TE-5025A

Date - Mar 24, 2014 Rootsmeter S/N 0438320 Ta (K) - 293
Operator Tisch Orifice I.D. - 2454 Pa (mm) - 758.19

PLATE OR Run #	VOLUME START (m3)	VOLUME STOP (m3)	DIFF VOLUME (m3)	DIFF TIME (min)	METER DIFF Hg (mm)	ORFICE DIFF H2O (in.)
1	NA	NA	1.00	1.4740	3.2	2.00
2	NA	NA	1.00	1.0340	6.4	4.00
3	NA	NA	1.00	0.9240	7.9	5.00
4	NA	NA	1.00	0.8820	8.8	5.50
5	NA	NA	1.00	0.7270	12.7	8.00

DATA TABULATION

Vstd	(x axis) Qstd	(y axis)
1.0103	0.6854	1.4245
1.0061	0.9730	2.0146
1.0040	1.0866	2.2524
1.0028	1.1370	2.3623
0.9976	1.3722	2.8491

Qstd slope (m) = 2.07593
intercept (b) = -0.00102
coefficient (r) = 0.99996

y axis = SQRT[H2O(Pa/760)(298/Ta)]

Va	(x axis) Qa	(y axis)
0.9958	0.6755	0.8791
0.9916	0.9590	1.2433
0.9895	1.0709	1.3900
0.9884	1.1206	1.4579
0.9832	1.3524	1.7583

Qa slope (m) = 1.29991
intercept (b) = -0.00063
coefficient (r) = 0.99996

y axis = SQRT[H2O(Ta/Pa)]

CALCULATIONS

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

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

For subsequent flow rate calculations:

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

EQUIPMENT CALIBRATION RECORD

Type : Laser Dust Monitor
Manufacturer / Brand : SIBATA
Model No.: LD-3B
Equipment No.: LD-3B-003
Sensitivity Adjustment Scale Setting : 799 CPM

Operator:

Standard Equipment

Equipment : MFC High Volume Air Sampler
Venue : The Arcade, Cyberport
Model No.: TE-5170 Total Suspended Particulated
Serial No.: 276018

Last Calibration Date N/A

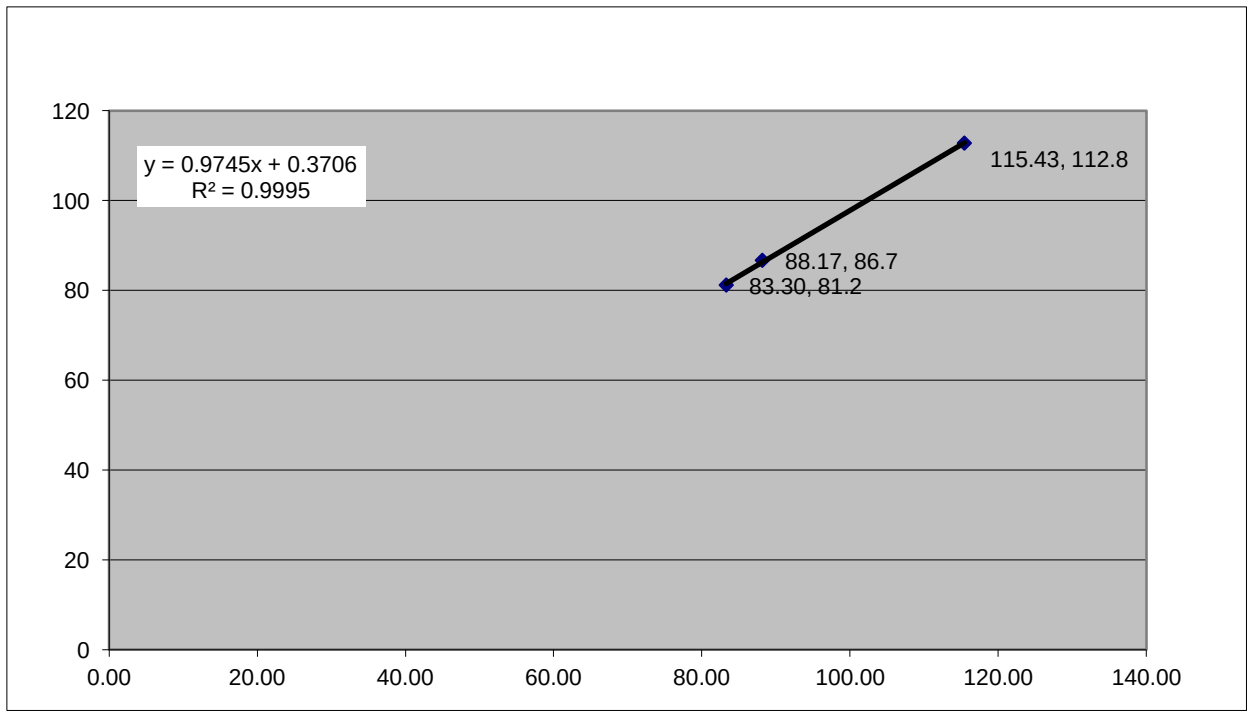
Calibration Result

Sensitivity Adjustment Scale Setting (Before Calibration) : 799 CPM
Sensitivity Adjustment Scale Setting (After Calibration) : 799 CPM

Hour	Date (dd-mmm-yy)	Time		Ambient Condition		Concentration (ug/m3) Y-axis	Total Count	Count/Minute X-axis
				Temp (C)	R.H. (%)			
1	04-Oct-13	09:34	10:34	26.2	72%	112.8	6926	115.43
2	04-Oct-13	10:45	11:45	26.2	72%	86.7	5290	88.17
3	04-Oct-13	11:50	12:50	26.2	72%	81.2	4998	83.30

Be Linear Regression of Y or X
Slope (K-factor): 0.975
Correlation coefficient : 0.9995

Remark:



Recorded by: Ruby Law Signature: Date: 21/10/2013

Checked by: Keith Chau Signature: Date: 21/10/2013

REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION

Work Order: HK1414464
Date of Issue: 19/05/2014
Client: AECOM ASIA COMPANY LIMITED

Description: Sonde
Brand Name: YSI
Model No.: 6820 V2
Serial No.: 12A101545
Equipment No.: W.026.35
Date of Calibration: 13 May, 2014 Date of next Calibration: 13 August, 2014

Parameters:

Conductivity **Method Ref: APHA (20th edition), 2510B**

Expected Reading (uS/cm)	Displayed Reading (uS/cm)	Tolerance (%)
146.9	147.2	+0.2
6667	6710	+0.6
12890	12710	-1.4
58670	58520	-0.3
	Tolerance Limit (%)	±10.0

Dissolved Oxygen **Method Ref: APHA (21st edition), 4500O: G**

Expected Reading (mg/L)	Displayed Reading (mg/L)	Tolerance (mg/L)
3.66	3.70	+0.04
5.85	5.89	+0.04
7.65	7.70	+0.05
	Tolerance Limit (mg/L)	±0.20

pH Value **Method Ref: APHA (21st edition), 4500H:B**

Expected Reading (pH Unit)	Displayed Reading (pH Unit)	Tolerance (pH unit)
4.0	4.01	+0.01
7.0	7.05	+0.05
10.0	9.94	-0.06
	Tolerance Limit (pH Unit)	±0.20

Remark: "Displayed Reading" presents the figures shown on item under calibration / checking regardless of equipment precision or significant figures.

Mr Fung Lim Chee, Richard
General Manager -
Greater China & Hong Kong

REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION

Work Order: HK1414464
Date of Issue: 19/05/2014
Client: AECOM ASIA COMPANY LIMITED

Description: Sonde
Brand Name: YSI
Model No.: 6820 V2
Serial No.: 12A101545
Equipment No.: W.026.35
Date of Calibration: 13 May, 2014 Date of next Calibration: 13 August, 2014

Parameters:

Salinity **Method Ref: APHA (21st edition), 2520B**

Expected Reading (g/L)	Displayed Reading (g/L)	Tolerance (%)
0	0.00	--
10	9.68	-3.2
20	19.86	-0.7
30	29.72	-0.9
	Tolerance Limit (%)	±10.0

Temperature **Method Ref: Section 6 of International Accreditation New Zealand Technical Guide No. 3 Second edition March 2008: Working Thermometer Calibration Procedure.**

Reading of Ref. thermometer (°C)	Displayed Reading (°C)	Tolerance (°C)
13.5	13.42	-0.1
25.5	24.40	-1.1
38.0	37.66	-0.3
	Tolerance Limit (°C)	±2.0

Turbidity **Method Ref: APHA (21st edition), 2130B**

Expected Reading (NTU)	Displayed Reading (NTU)	Tolerance (%)
0	0.0	--
4	4.1	+2.5
10	10.0	0.0
20	19.8	-1.0
50	49.5	-1.0
100	99.6	-0.4
	Tolerance Limit (%)	±10.0

Remark: "Displayed Reading" presents the figures shown on item under calibration / checking regardless of equipment precision or significant figures.

Mr Fung Lim Chee, Richard
General Manager -
Greater China & Hong Kong

REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION

Work Order: HK1414461
Date of Issue: 19/05/2014
Client: AECOM ASIA COMPANY LIMITED

Description: Sonde
Brand Name: YSI
Model No.: 6820 V2
Serial No.: 12D100972
Equipment No.: W.026.36
Date of Calibration: 13 May, 2014 Date of next Calibration: 13 August, 2014

Parameters:

Conductivity **Method Ref: APHA (20th edition), 2510B**

Expected Reading (uS/cm)	Displayed Reading (uS/cm)	Tolerance (%)
146.9	145.8	-0.7
6667	6640	-0.4
12890	12750	-1.1
58670	58200	-0.8
	Tolerance Limit (%)	±10.0

Dissolved Oxygen **Method Ref: APHA (21st edition), 4500O: G**

Expected Reading (mg/L)	Displayed Reading (mg/L)	Tolerance (mg/L)
3.66	3.69	+0.03
5.85	5.81	-0.04
7.65	7.60	-0.05
	Tolerance Limit (mg/L)	±0.20

pH Value **Method Ref: APHA (21st edition), 4500H:B**

Expected Reading (pH Unit)	Displayed Reading (pH Unit)	Tolerance (pH unit)
4.0	4.03	+0.03
7.0	7.05	+0.05
10.0	10.03	+0.03
	Tolerance Limit (pH Unit)	±0.20

Remark: "Displayed Reading" presents the figures shown on item under calibration / checking regardless of equipment precision or significant figures.

Mr Fung Lim Chee, Richard
General Manager
Greater China & Hong Kong

REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION

Work Order: HK1414461
Date of Issue: 19/05/2014
Client: AECOM ASIA COMPANY LIMITED

Description: Sonde
Brand Name: YSI
Model No.: 6820 V2
Serial No.: 12D100972
Equipment No.: W.026.36
Date of Calibration: 13 May, 2014 Date of next Calibration: 13 August, 2014

Parameters:

Salinity **Method Ref: APHA (21st edition), 2520B**

Expected Reading (g/L)	Displayed Reading (g/L)	Tolerance (%)
0	0.02	--
10	9.94	-0.6
20	19.56	-2.2
30	29.76	-0.8
	Tolerance Limit (%)	±10.0

Temperature **Method Ref: Section 6 of International Accreditation New Zealand Technical Guide No. 3 Second edition March 2008: Working Thermometer Calibration Procedure.**

Reading of Ref. thermometer (°C)	Displayed Reading (°C)	Tolerance (°C)
13.5	13.37	-0.1
25.5	25.53	+0.0
38.0	38.06	+0.1
	Tolerance Limit (°C)	±2.0

Turbidity **Method Ref: APHA (21st edition), 2130B**

Expected Reading (NTU)	Displayed Reading (NTU)	Tolerance (%)
0	0.0	--
4	3.9	-2.5
10	9.8	-2.0
20	20.4	+2.0
50	50.5	+1.0
100	101.2	+1.2
	Tolerance Limit (%)	±10.0

Remark: "Displayed Reading" presents the figures shown on item under calibration / checking regardless of equipment precision or significant figures.

Mr Fung Lim Chee, Richard
General Manager -
Greater China & Hong Kong

APPENDIX D

Monitoring Schedule

Jul-14

	Monday	Tueday	Wednesday	Thursday	Friday	Saturday	Sunday
Time		1-Jul	2-Jul	3-Jul	4-Jul	5-Jul	6-Jul
		Holiday	Water Quality Monitoring	1st Dolphin Monitoring (See Remark 1 and 3) AMS5 - 24hr Dust	AMS6-1hr AMS5-1hr+NMS5 AMS6 - 24hr Dust (See Remark 2) Water Quality Monitoring		
Time	7-Jul	8-Jul	9-Jul	10-Jul	11-Jul	12-Jul	13-Jul
	Water Quality Monitoring		1st Dolphin Monitoring (See Remark 3) AMS6/AMS5 - 24hr Dust Water Quality Monitoring	AMS6-1hr AMS5-1hr+NMS5 1st Dolphin Monitoring (See Remark 3)	Water Quality Monitoring		
Time	14-Jul	15-Jul	16-Jul	17-Jul	18-Jul	19-Jul	20-Jul
	2nd Dolphin Monitoring Water Quality Monitoring	AMS6/AMS5 - 24hr Dust	AMS6-1hr AMS5-1hr+NMS5 Water Quality Monitoring		Water Quality Monitoring (See Remark 4)		
Time	21-Jul	22-Jul	23-Jul	24-Jul	25-Jul	26-Jul	27-Jul
	2nd Dolphin Monitoring AMS6/AMS5 - 24hr Dust Water Quality Monitoring	AMS6-1hr AMS5-1hr+NMS5	Water Quality Monitoring		AMS6/AMS5 - 24hr Dust Water Quality Monitoring		
Time	28-Jul	29-Jul	30-Jul	31-Jul			
	AMS6-1hr AMS5-1hr+NMS5 Water Quality Monitoring		Water Quality Monitoring	AMS6/AMS5 - 24hr Dust			

Remark:
(1) Due to boat availability issue, the dolphins monitoring schedule was rescheduled from 8 Jul 2014 to 3 Jul 2014.
(2) Due to the electricity supply problem to high volume sampler, the 24-hr dust monitoring at AMS6 was rescheduled from 3 Jul 2014 to 4 Jul 2014.
(3) The 1st Dolphin monitoring was carried on 3, 9, 10 July 2014 to cover all transect lines in NWL and NEL survey area.
(4) Water quality monitoring on 18 July 2014 was cancelled for safety reason as strong wind signal no. 3 was hoisted by Hong Kong Observatory.

Aug-14

	Monday	Tueday	Wednesday	Thursday	Friday	Saturday	Sunday
Time					1-Aug	2-Aug	3-Aug
					AMS6-1hr AMS5-1hr+NMS5 Water Quality Monitoring		
Time	4-Aug	5-Aug	6-Aug	7-Aug	8-Aug	9-Aug	10-Aug
	  Water Quality Monitoring	1st Dolphin Monitoring AMS6/AMS5 - 24hr Dust	 Water Quality Monitoring	1st Dolphin Monitoring AMS6-1hr AMS5-1hr+NMS5	 Water Quality Monitoring		
Time	11-Aug	12-Aug	13-Aug	14-Aug	15-Aug	16-Aug	17-Aug
	  AMS6/AMS5 - 24hr Dust Water Quality Monitoring		2nd Dolphin Monitoring AMS6-1hr AMS5-1hr+NMS5 Water Quality Monitoring		2nd Dolphin Monitoring AMS6/AMS5 - 24hr Dust Water Quality Monitoring		
Time	18-Aug	19-Aug	20-Aug	21-Aug	22-Aug	23-Aug	24-Aug
	  Water Quality Monitoring	AMS6-1hr AMS5-1hr+NMS5	 Water Quality Monitoring	 AMS6/AMS5 - 24hr Dust	 Water Quality Monitoring		
Time	25-Aug	26-Aug	27-Aug	28-Aug	29-Aug	30-Aug	31-Aug
	AMS6-1hr AMS5-1hr+NMS5 Water Quality Monitoring		 AMS6/AMS5 - 24hr Dust Water Quality Monitoring		AMS6-1hr AMS5-1hr Water Quality Monitoring		

APPENDIX E

Monitoring Data

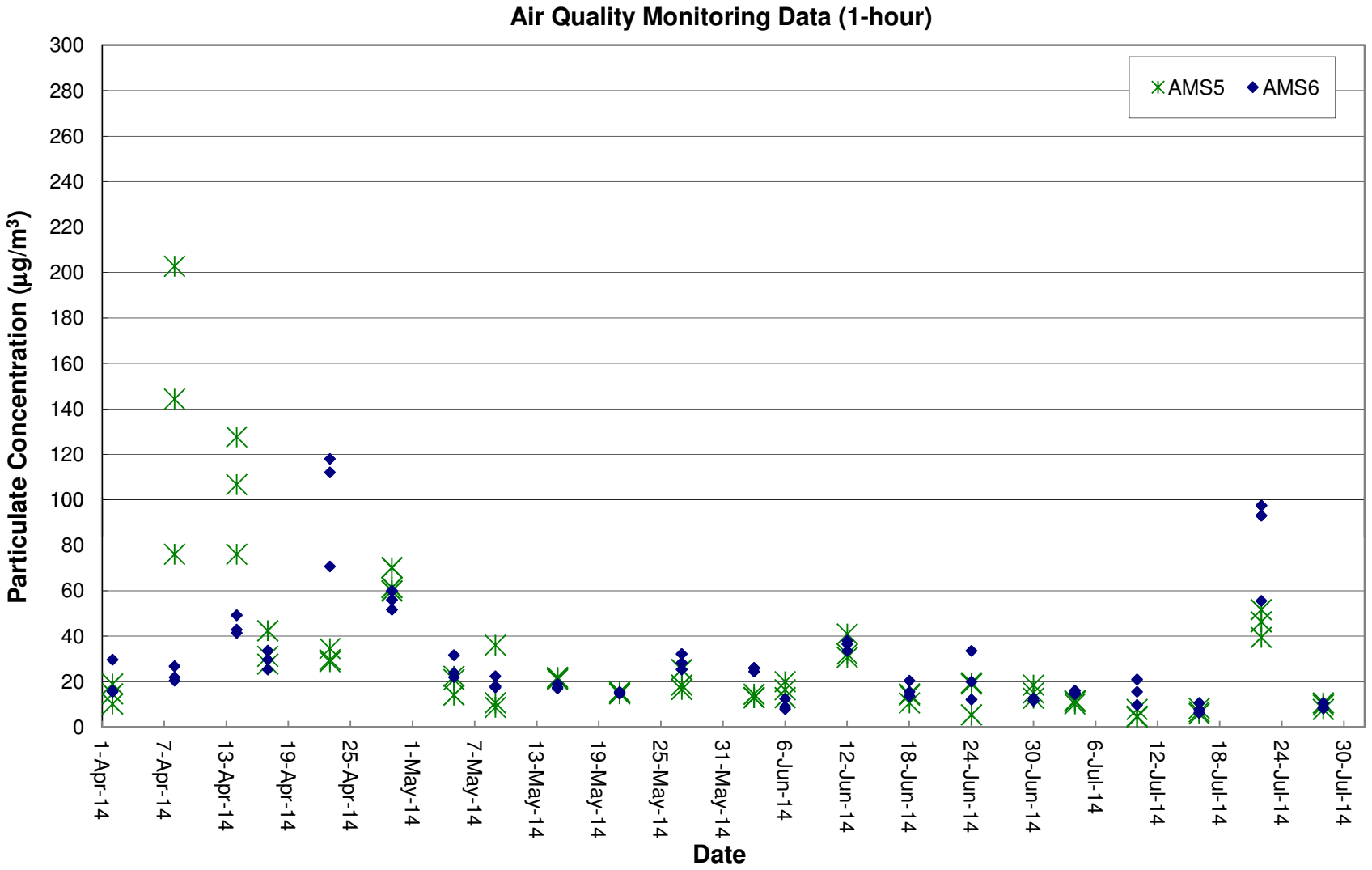
Air Quality Monitoring Data

Project	Works	Date (yyyy-mm-dd)	Station	Time	Parameter	Results	Unit
HKLR	HY/2011/03	2014-07-04	AMS5	09:35	1-hr TSP	10	ug/m^3
HKLR	HY/2011/03	2014-07-04	AMS5	10:35	1-hr TSP	11	ug/m^3
HKLR	HY/2011/03	2014-07-04	AMS5	11:35	1-hr TSP	12	ug/m^3
HKLR	HY/2011/03	2014-07-10	AMS5	13:35	1-hr TSP	5	ug/m^3
HKLR	HY/2011/03	2014-07-10	AMS5	14:35	1-hr TSP	4	ug/m^3
HKLR	HY/2011/03	2014-07-10	AMS5	15:35	1-hr TSP	8	ug/m^3
HKLR	HY/2011/03	2014-07-16	AMS5	13:18	1-hr TSP	8	ug/m^3
HKLR	HY/2011/03	2014-07-16	AMS5	14:18	1-hr TSP	6	ug/m^3
HKLR	HY/2011/03	2014-07-16	AMS5	15:18	1-hr TSP	7	ug/m^3
HKLR	HY/2011/03	2014-07-22	AMS5	13:00	1-hr TSP	46	ug/m^3
HKLR	HY/2011/03	2014-07-22	AMS5	14:00	1-hr TSP	52	ug/m^3
HKLR	HY/2011/03	2014-07-22	AMS5	15:00	1-hr TSP	40	ug/m^3
HKLR	HY/2011/03	2014-07-28	AMS5	13:00	1-hr TSP	11	ug/m^3
HKLR	HY/2011/03	2014-07-28	AMS5	14:00	1-hr TSP	10	ug/m^3
HKLR	HY/2011/03	2014-07-28	AMS5	15:00	1-hr TSP	8	ug/m^3
HKLR	HY/2011/03	2014-07-03	AMS5	08:00	24-hr TSP	25	ug/m^3
HKLR	HY/2011/03	2014-07-09	AMS5	08:00	24-hr TSP	45	ug/m^3
HKLR	HY/2011/03	2014-07-15	AMS5	08:00	24-hr TSP	17	ug/m^3
HKLR	HY/2011/03	2014-07-21	AMS5	08:00	24-hr TSP	66	ug/m^3
HKLR	HY/2011/03	2014-07-25	AMS5	08:00	24-hr TSP	18	ug/m^3
HKLR	HY/2011/03	2014-07-31	AMS5	08:00	24-hr TSP	36	ug/m^3
HKLR	HY/2011/03	2014-07-04	AMS6	13:15	1-hr TSP	15	ug/m^3
HKLR	HY/2011/03	2014-07-04	AMS6	14:15	1-hr TSP	16	ug/m^3
HKLR	HY/2011/03	2014-07-04	AMS6	15:15	1-hr TSP	15	ug/m^3
HKLR	HY/2011/03	2014-07-10	AMS6	08:30	1-hr TSP	21	ug/m^3
HKLR	HY/2011/03	2014-07-10	AMS6	09:30	1-hr TSP	16	ug/m^3
HKLR	HY/2011/03	2014-07-10	AMS6	10:30	1-hr TSP	10	ug/m^3
HKLR	HY/2011/03	2014-07-16	AMS6	08:08	1-hr TSP	11	ug/m^3
HKLR	HY/2011/03	2014-07-16	AMS6	09:08	1-hr TSP	6	ug/m^3
HKLR	HY/2011/03	2014-07-16	AMS6	10:08	1-hr TSP	8	ug/m^3
HKLR	HY/2011/03	2014-07-22	AMS6	08:50	1-hr TSP	56	ug/m^3
HKLR	HY/2011/03	2014-07-22	AMS6	09:50	1-hr TSP	98	ug/m^3
HKLR	HY/2011/03	2014-07-22	AMS6	10:50	1-hr TSP	93	ug/m^3
HKLR	HY/2011/03	2014-07-28	AMS6	09:02	1-hr TSP	11	ug/m^3
HKLR	HY/2011/03	2014-07-28	AMS6	10:02	1-hr TSP	8	ug/m^3
HKLR	HY/2011/03	2014-07-28	AMS6	11:02	1-hr TSP	9	ug/m^3
HKLR	HY/2011/03	2014-07-04	AMS6	16:30	24-hr TSP	41	ug/m^3
HKLR	HY/2011/03	2014-07-09	AMS6	08:00	24-hr TSP	23	ug/m^3
HKLR	HY/2011/03	2014-07-15	AMS6	08:00	24-hr TSP	24	ug/m^3
HKLR	HY/2011/03	2014-07-21	AMS6	08:00	24-hr TSP	63	ug/m^3
HKLR	HY/2011/03	2014-07-25	AMS6	08:00	24-hr TSP	32	ug/m^3
HKLR	HY/2011/03	2014-07-31	AMS6	08:00	24-hr TSP	98	ug/m^3

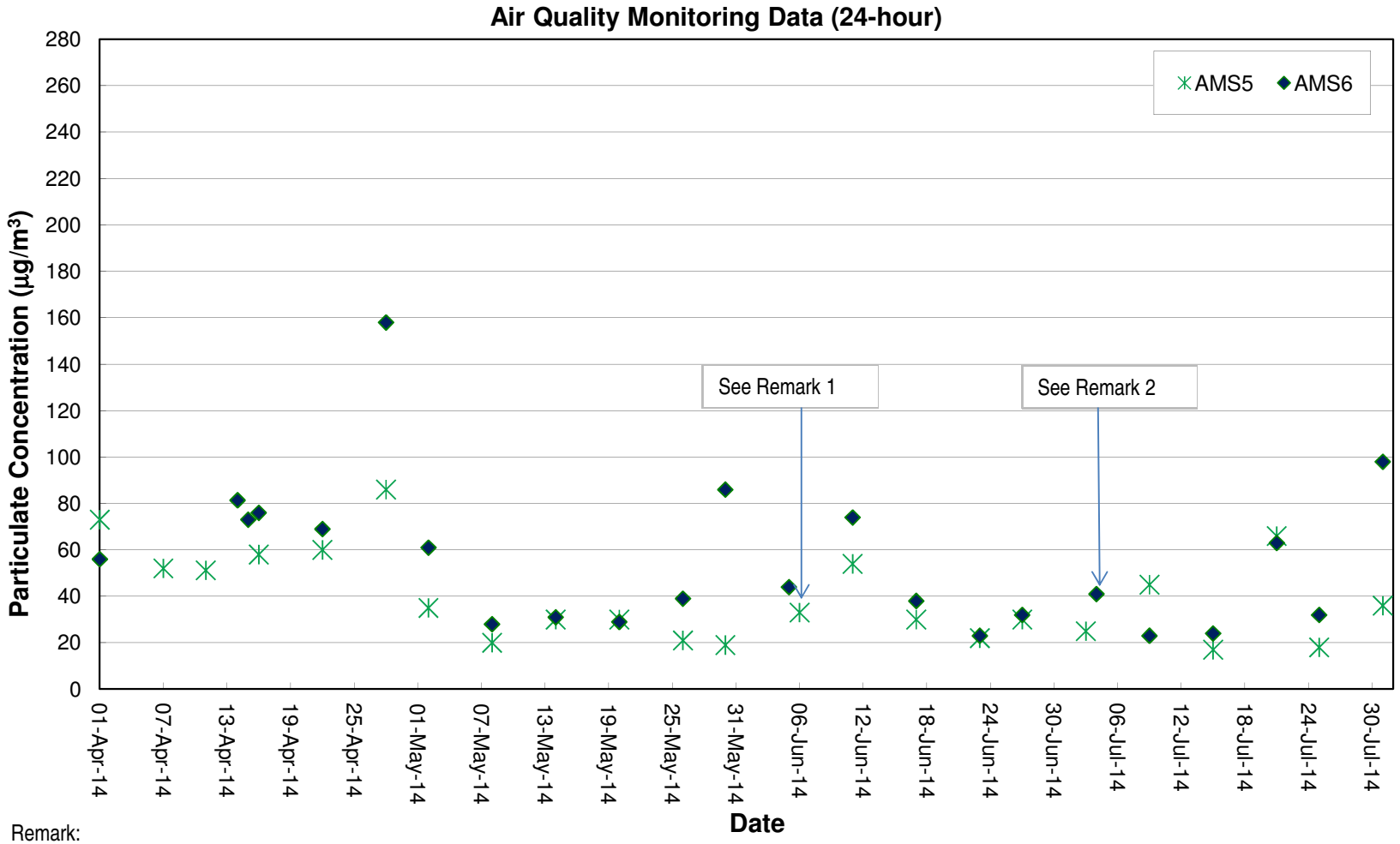
Remark:

(1) Due to the electricity supply problem of high volume sampler, the 24-hr dust monitoring at AMS6 was rescheduled from 3 July 2014 to 4 July 2014.

Graphical Plot of 1-hour TSP at AMS5 and AMS6



Graphical Plot of 24-hour TSP at AMS5 and AMS6



Remark:

1) Due to the electricity supply problem of high volume sampler, the 24-hr dust monitoring at AMS5 was rescheduled from 5 Jun 2014 to 6 Jun 2014.

2) Due to the electricity supply problem of high volume sampler, the 24-hr dust monitoring at AMS6 was rescheduled from 3 Jul 2014 to 4 Jul 2014.

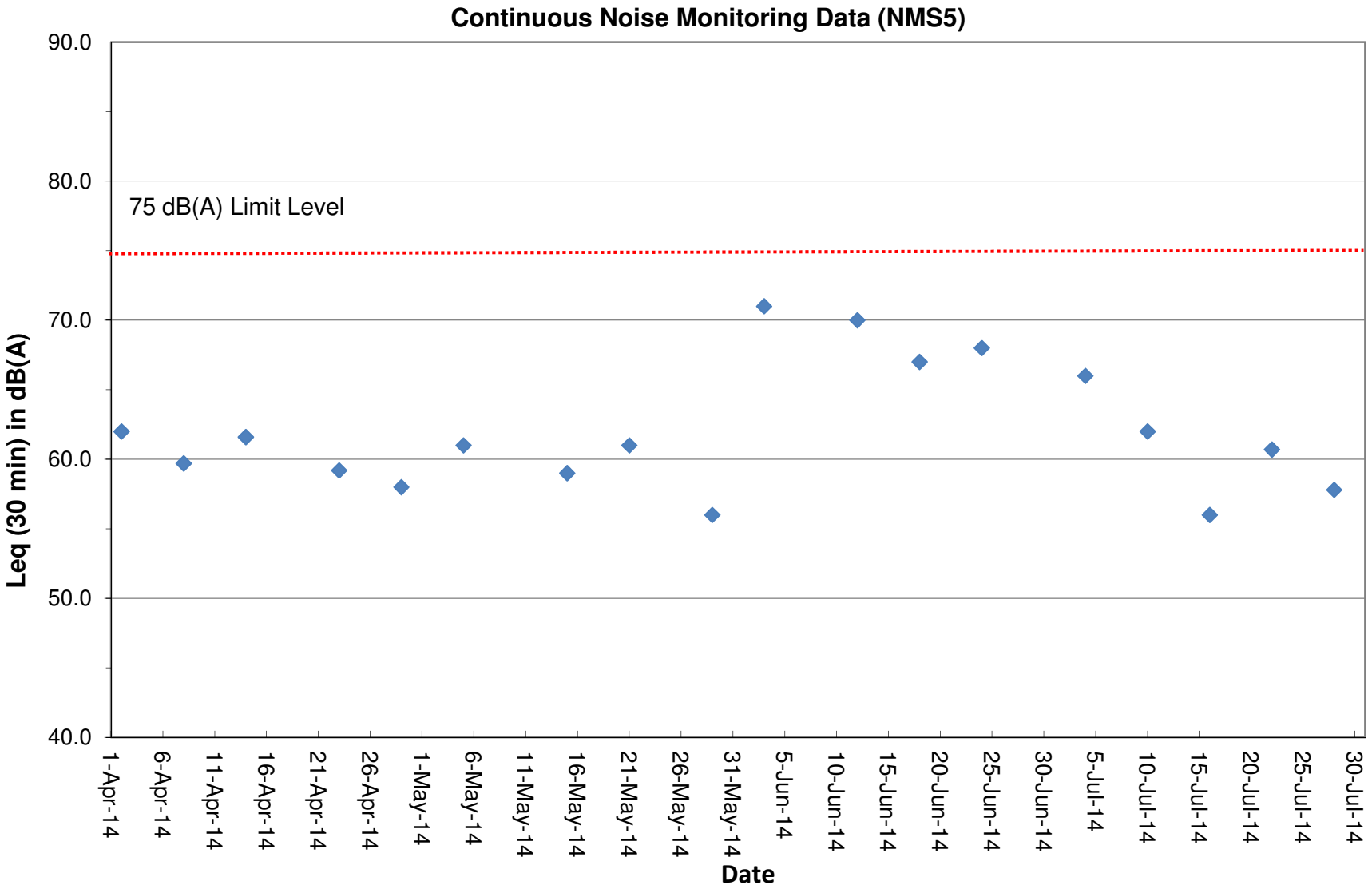
Noise Monitoring Data

Project	Works	Date (yyyy-mm-dd)	Station	Start Time	1st set 5mins		2nd set 5mins		3rd set 5mins		4th set 5mins		5th set 5mins		6th set 5mins		Overall (30mins)*		Unit
HKLR	HY/2011/03	2014-07-04	NMS5	9:50	Leq:	64.1	Leq:	62.9	Leq:	62.6	Leq:	60.9	Leq:	63.0	Leq:	61.7	Leq:	65.6	dB(A)
					L10:	67.5	L10:	66.5	L10:	66.0	L10:	65.5	L10:	65.5	L10:	66.0	L10:	69.2	
					L90:	50.0	L90:	51.0	L90:	50.5	L90:	49.0	L90:	53.0	L90:	50.5	L90:	53.8	
HKLR	HY/2011/03	2014-07-10	NMS5	13:50	Leq:	58.2	Leq:	57.8	Leq:	56.6	Leq:	58.0	Leq:	58.9	Leq:	60.8	Leq:	61.6	dB(A)
					L10:	63.5	L10:	64.0	L10:	61.0	L10:	63.5	L10:	64.0	L10:	65.0	L10:	66.7	
					L90:	49.5	L90:	48.5	L90:	49.0	L90:	47.5	L90:	47.0	L90:	49.0	L90:	51.5	
HKLR	HY/2011/03	2014-07-16	NMS5	14:23	Leq:	54.8	Leq:	53.0	Leq:	54.7	Leq:	52.3	Leq:	50.5	Leq:	51.2	Leq:	56.0	dB(A)
					L10:	56.5	L10:	54.5	L10:	56.5	L10:	55.0	L10:	52.5	L10:	53.0	L10:	57.9	
					L90:	52.5	L90:	48.5	L90:	50.0	L90:	48.0	L90:	48.0	L90:	47.5	L90:	52.5	
HKLR	HY/2011/03	2014-07-22	NMS5	13:22	Leq:	57.3	Leq:	55.2	Leq:	56.2	Leq:	57.1	Leq:	61.6	Leq:	54.4	Leq:	60.7	dB(A)
					L10:	58.5	L10:	57.0	L10:	58.5	L10:	59.0	L10:	65.0	L10:	57.0	L10:	63.3	
					L90:	52.0	L90:	51.5	L90:	52.0	L90:	54.0	L90:	54.5	L90:	51.0	L90:	55.7	
HKLR	HY/2011/03	2014-07-28	NMS5	13:45	Leq:	57.1	Leq:	52.8	Leq:	51.2	Leq:	55.5	Leq:	53.5	Leq:	55.8	Leq:	57.8	dB(A)
					L10:	55.0	L10:	54.0	L10:	53.5	L10:	58.5	L10:	56.0	L10:	59.0	L10:	59.5	
					L90:	49.0	L90:	49.0	L90:	48.5	L90:	48.5	L90:	50.0	L90:	48.5	L90:	52.0	

Remarks:

*A correction factor of +3dB(A) from free field to facade measurement was included.

Graphical Plot of Noise Levels at NMS5



Remark:
A correction factor of +3dB(A) from free field to facade measurement was included.

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-07-02	Mid-Ebb	Sunny	IS5	14:34:21	1.0	Surface	1	1	29.79	8.13	19.04	85.2	5.82	10.3	9.4
HKLR	HY/2011/03	2014-07-02	Mid-Ebb	Sunny	IS5	14:35:07	1.0	Surface	1	2	29.85	8.13	18.84	83.4	5.7	10.4	8.6
HKLR	HY/2011/03	2014-07-02	Mid-Ebb	Sunny	IS5	14:34:09	4.3	Middle	2	1	29.68	8.11	19.49	82.4	5.63	10.6	8.4
HKLR	HY/2011/03	2014-07-02	Mid-Ebb	Sunny	IS5	14:34:53	4.3	Middle	2	2	29.46	8.08	20.11	76.6	5.23	10.3	10.8
HKLR	HY/2011/03	2014-07-02	Mid-Ebb	Sunny	IS5	14:34:41	7.5	Bottom	3	1	29.34	8.07	20.7	80.3	5.47	11.2	10.1
HKLR	HY/2011/03	2014-07-02	Mid-Ebb	Sunny	IS5	14:33:49	7.5	Bottom	3	2	29.37	8.06	20.75	82.6	5.63	11.5	9
HKLR	HY/2011/03	2014-07-02	Mid-Ebb	Sunny	IS(Mf)6	14:42:03	1.0	Surface	1	1	29.9	8.3	18.88	100.2	6.84	7.5	7
HKLR	HY/2011/03	2014-07-02	Mid-Ebb	Sunny	IS(Mf)6	14:42:43	1.0	Surface	1	2	30.13	8.34	18.58	105.4	7.18	7.7	4.9
HKLR	HY/2011/03	2014-07-02	Mid-Ebb	Sunny	IS(Mf)6	14:42:28	2.2	Bottom	3	1	29.43	8.14	19.79	91.1	6.24	7.6	5.7
HKLR	HY/2011/03	2014-07-02	Mid-Ebb	Sunny	IS(Mf)6	14:41:53	2.2	Bottom	3	2	29.55	8.2	19.46	101.2	6.93	7.7	6.1
HKLR	HY/2011/03	2014-07-02	Mid-Ebb	Sunny	IS7	14:49:59	1.0	Surface	1	1	30.59	8.37	17.31	123.5	8.41	7.8	5
HKLR	HY/2011/03	2014-07-02	Mid-Ebb	Sunny	IS7	14:50:20	1.0	Surface	1	2	30.64	8.37	17.28	125.1	8.51	7.7	5.3
HKLR	HY/2011/03	2014-07-02	Mid-Ebb	Sunny	IS7	14:49:46	2.2	Bottom	3	1	30.17	8.33	17.53	119.4	8.17	7.6	6
HKLR	HY/2011/03	2014-07-02	Mid-Ebb	Sunny	IS7	14:50:06	2.2	Bottom	3	2	30.53	8.36	17.35	124.1	8.45	7.6	6.8
HKLR	HY/2011/03	2014-07-02	Mid-Ebb	Sunny	IS8	15:13:58	1.0	Surface	1	1	29.85	8.33	18	111.7	7.67	7.3	7.8
HKLR	HY/2011/03	2014-07-02	Mid-Ebb	Sunny	IS8	15:13:42	1.0	Surface	1	2	30.08	8.35	17.86	107.3	7.34	7.3	6.4
HKLR	HY/2011/03	2014-07-02	Mid-Ebb	Sunny	IS8	15:13:31	3.0	Bottom	3	1	29.53	8.23	19.49	112	7.67	7.4	8.3
HKLR	HY/2011/03	2014-07-02	Mid-Ebb	Sunny	IS8	15:13:50	3.0	Bottom	3	2	30.22	8.33	19.56	117.2	7.93	7.5	6.5
HKLR	HY/2011/03	2014-07-02	Mid-Ebb	Sunny	IS(Mf)9	14:57:42	1.0	Surface	1	1	30.29	8.31	17.66	113.6	7.75	6.6	6.9
HKLR	HY/2011/03	2014-07-02	Mid-Ebb	Sunny	IS(Mf)9	14:58:03	1.0	Surface	1	2	30.22	8.27	18.1	111.1	7.58	6.7	6.7
HKLR	HY/2011/03	2014-07-02	Mid-Ebb	Sunny	IS(Mf)9	14:57:56	2.5	Bottom	3	1	30.07	8.24	18.46	108.1	7.37	6.7	6.7
HKLR	HY/2011/03	2014-07-02	Mid-Ebb	Sunny	IS(Mf)9	14:57:31	2.5	Bottom	3	2	29.98	8.24	18.72	112.6	7.69	6.5	5.9
HKLR	HY/2011/03	2014-07-02	Mid-Ebb	Sunny	IS10	15:39:40	1.0	Surface	1	1	29.61	8.1	15.11	77.4	5.42	4.5	2.6
HKLR	HY/2011/03	2014-07-02	Mid-Ebb	Sunny	IS10	15:41:01	1.0	Surface	1	2	29.46	8.05	16.94	72.2	5.02	4.7	1.7
HKLR	HY/2011/03	2014-07-02	Mid-Ebb	Sunny	IS10	15:40:23	5.5	Middle	2	1	28.76	8.05	20.02	72.4	5.03	5.2	3.9
HKLR	HY/2011/03	2014-07-02	Mid-Ebb	Sunny	IS10	15:39:07	5.5	Middle	2	2	28.61	8.09	20.44	76.3	5.33	5.6	5
HKLR	HY/2011/03	2014-07-02	Mid-Ebb	Sunny	IS10	15:38:48	10.0	Bottom	3	1	28.34	8.06	23.32	79.5	5.75	5.1	15.5
HKLR	HY/2011/03	2014-07-02	Mid-Ebb	Sunny	IS10	15:40:04	10.0	Bottom	3	2	28.56	8	23.05	72.4	5.03	5	11.4
HKLR	HY/2011/03	2014-07-02	Mid-Ebb	Sunny	SR3	14:27:19	0.6	Middle	2	1	30.08	8.14	18.57	93.3	6.36	8.3	12.6
HKLR	HY/2011/03	2014-07-02	Mid-Ebb	Sunny	SR3	14:27:23	0.6	Middle	2	2	30.1	8.14	18.55	93.4	6.36	8.2	12.1
HKLR	HY/2011/03	2014-07-02	Mid-Ebb	Sunny	SR4	15:07:16	1.0	Surface	1	1	29.38	8.21	18.5	98.8	6.82	5.5	7.2
HKLR	HY/2011/03	2014-07-02	Mid-Ebb	Sunny	SR4	15:07:37	1.0	Surface	1	2	29.35	8.21	18.55	99.3	6.85	5.6	5.5
HKLR	HY/2011/03	2014-07-02	Mid-Ebb	Sunny	SR4	15:07:10	2.5	Bottom	3	1	29.33	8.2	18.67	98.8	6.81	5.5	5.5
HKLR	HY/2011/03	2014-07-02	Mid-Ebb	Sunny	SR4	15:07:32	2.5	Bottom	3	2	29.34	8.22	18.62	99	6.83	5.4	5.3
HKLR	HY/2011/03	2014-07-02	Mid-Ebb	Sunny	SR5	15:23:50	1.0	Surface	1	1	29.63	8.08	16.54	75.1	5.21	4.6	6
HKLR	HY/2011/03	2014-07-02	Mid-Ebb	Sunny	SR5	15:23:12	1.0	Surface	1	2	29.64	8.09	16.51	76.2	5.29	4.6	4.4
HKLR	HY/2011/03	2014-07-02	Mid-Ebb	Sunny	SR5	15:23:35	4.0	Bottom	3	1	29.41	8.05	18.5	75.1	5.18	4.7	5.8
HKLR	HY/2011/03	2014-07-02	Mid-Ebb	Sunny	SR5	15:22:38	4.0	Bottom	3	2	29.39	8.09	18.51	74	5.11	4.5	6.7
HKLR	HY/2011/03	2014-07-02	Mid-Ebb	Sunny	SR10A	16:15:58	1.0	Surface	1	1	29.92	8.18	18.15	92.1	6.31	3.2	5
HKLR	HY/2011/03	2014-07-02	Mid-Ebb	Sunny	SR10A	16:15:23	1.0	Surface	1	2	29.78	8.16	18.4	90.4	6.2	3	3.6
HKLR	HY/2011/03	2014-07-02	Mid-Ebb	Sunny	SR10A	16:15:45	3.3	Middle	2	1	29.7	8.16	18.73	90.1	6.18	3	3.6
HKLR	HY/2011/03	2014-07-02	Mid-Ebb	Sunny	SR10A	16:15:16	3.3	Middle	2	2	29.7	8.16	18.73	90	6.17	2.9	5.8
HKLR	HY/2011/03	2014-07-02	Mid-Ebb	Sunny	SR10A	16:15:00	5.5	Bottom	3	1	29.7	8.15	18.84	90.4	6.19	3.1	3
HKLR	HY/2011/03	2014-07-02	Mid-Ebb	Sunny	SR10A	16:15:35	5.5	Bottom	3	2	29.74	8.16	18.75	90.8	6.22	3.2	3.2
HKLR	HY/2011/03	2014-07-02	Mid-Ebb	Sunny	SR10B	16:37:17	1.0	Surface	1	1	29.56	8.17	19.82	88.8	6.07	4	3.9
HKLR	HY/2011/03	2014-07-02	Mid-Ebb	Sunny	SR10B	16:36:56	1.0	Surface	1	2	29.59	8.17	19.72	89	6.08	4	4.5
HKLR	HY/2011/03	2014-07-02	Mid-Ebb	Sunny	SR10B	16:37:06	4.0	Bottom	3	1	29.56	8.17	19.8	88.8	6.07	4.6	4.6
HKLR	HY/2011/03	2014-07-02	Mid-Ebb	Sunny	SR10B	16:36:45	4.0	Bottom	3	2	29.57	8.17	19.8	88.9	6.07	4.5	5.4
HKLR	HY/2011/03	2014-07-02	Mid-Ebb	Sunny	CS2	14:16:41	1.0	Surface	1	1	30.14	8.26	13.75	79	5.53	5.6	2.9
HKLR	HY/2011/03	2014-07-02	Mid-Ebb	Sunny	CS2	14:17:22	1.0	Surface	1	2	29.98	8.19	14.06	76.4	5.35	5.5	3.5
HKLR	HY/2011/03	2014-07-02	Mid-Ebb	Sunny	CS2	14:17:01	4.0	Middle	2	1	28.65	8.12	20.32	75.2	5.15	5.2	2.8
HKLR	HY/2011/03	2014-07-02	Mid-Ebb	Sunny	CS2	14:16:21	4.0	Middle	2	2	28.71	8.23	19.7	74.6	5.11	5.2	5.4
HKLR	HY/2011/03	2014-07-02	Mid-Ebb	Sunny	CS2	14:16:02	6.9	Bottom	3	1	28.61	8.32	21.63	73.4	5.04	5.2	1.9
HKLR	HY/2011/03	2014-07-02	Mid-Ebb	Sunny	CS2	14:16:54	6.9	Bottom	3	2	28.6	8.11	21.75	71.8	4.93	5.4	1.6
HKLR	HY/2011/03	2014-07-02	Mid-Ebb	Sunny	CS(Mf)5	15:52:04	1.0	Surface	1	1	29.47	8.09	17.63	76	5.26	5.5	3.2
HKLR	HY/2011/03	2014-07-02	Mid-Ebb	Sunny	CS(Mf)5	15:50:24	1.0	Surface	1	2	29.43	8.09	17.77	74	5.12	5.6	3.5

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-07-02	Mid-Ebb	Sunny	CS(Mf)5	15:51:43	6.0	Middle	2	1	28.74	8.1	20.81	73.6	5.11	5.6	3.6
HKLR	HY/2011/03	2014-07-02	Mid-Ebb	Sunny	CS(Mf)5	15:50:07	6.0	Middle	2	2	28.63	8.1	21.53	73.4	5.07	5.4	5.8
HKLR	HY/2011/03	2014-07-02	Mid-Ebb	Sunny	CS(Mf)5	15:49:48	10.9	Bottom	3	1	27.55	8.09	26.32	71.1	4.99	5.5	3.2
HKLR	HY/2011/03	2014-07-02	Mid-Ebb	Sunny	CS(Mf)5	15:51:13	10.9	Bottom	3	2	27.63	8.1	25.99	71.4	5	5.5	4
HKLR	HY/2011/03	2014-07-02	Mid-Flood	Sunny	IS5	09:53:29	1.0	Surface	1	1	29.29	8.19	18.72	84.3	5.82	10.2	5.7
HKLR	HY/2011/03	2014-07-02	Mid-Flood	Sunny	IS5	09:54:06	1.0	Surface	1	2	29.34	8.2	18.62	87.1	6.01	10.3	5.1
HKLR	HY/2011/03	2014-07-02	Mid-Flood	Sunny	IS5	09:53:55	4.4	Middle	2	1	29.21	8.15	18.9	77.7	5.37	10.7	6.8
HKLR	HY/2011/03	2014-07-02	Mid-Flood	Sunny	IS5	09:53:18	4.4	Middle	2	2	29.11	8.13	19.07	78.5	5.42	10.5	6.6
HKLR	HY/2011/03	2014-07-02	Mid-Flood	Sunny	IS5	09:53:45	7.8	Bottom	3	1	29.01	8.09	20.72	79.2	5.43	10.6	6.2
HKLR	HY/2011/03	2014-07-02	Mid-Flood	Sunny	IS5	09:53:11	7.8	Bottom	3	2	29.08	8.11	20.55	83	5.69	10.6	6.1
HKLR	HY/2011/03	2014-07-02	Mid-Flood	Sunny	IS(Mf)6	09:43:32	1.0	Surface	1	1	29.43	8.24	18.37	100.2	6.91	7.9	2.3
HKLR	HY/2011/03	2014-07-02	Mid-Flood	Sunny	IS(Mf)6	09:44:53	1.0	Surface	1	2	29.26	8.24	18.67	96.7	6.68	7.7	1.7
HKLR	HY/2011/03	2014-07-02	Mid-Flood	Sunny	IS(Mf)6	09:43:22	2.2	Bottom	3	1	29.54	8.22	18.58	99.2	6.82	8.1	2.7
HKLR	HY/2011/03	2014-07-02	Mid-Flood	Sunny	IS(Mf)6	09:44:35	2.2	Bottom	3	2	29.27	8.15	19.3	91.5	6.29	7.9	1.5
HKLR	HY/2011/03	2014-07-02	Mid-Flood	Sunny	IS7	09:36:53	1.0	Surface	1	1	29.45	8.25	18.12	103.7	7.16	4.6	1.6
HKLR	HY/2011/03	2014-07-02	Mid-Flood	Sunny	IS7	09:36:36	1.0	Surface	1	2	29.38	8.29	18.37	104.3	7.2	4.4	1.9
HKLR	HY/2011/03	2014-07-02	Mid-Flood	Sunny	IS7	09:36:42	2.3	Bottom	3	1	29.37	8.28	18.74	104.6	7.21	6.2	1.6
HKLR	HY/2011/03	2014-07-02	Mid-Flood	Sunny	IS7	09:36:21	2.3	Bottom	3	2	29.37	8.26	18.79	103.1	7.1	6.4	2.5
HKLR	HY/2011/03	2014-07-02	Mid-Flood	Sunny	IS8	09:13:39	1.0	Surface	1	1	29.38	8.06	16.52	77.4	5.4	7.6	1.9
HKLR	HY/2011/03	2014-07-02	Mid-Flood	Sunny	IS8	09:13:21	1.0	Surface	1	2	29.3	8.09	16.88	79.1	5.51	7.7	1.5
HKLR	HY/2011/03	2014-07-02	Mid-Flood	Sunny	IS8	09:13:28	3.3	Bottom	3	1	29.25	8.06	18.14	77.6	5.38	7.6	1.7
HKLR	HY/2011/03	2014-07-02	Mid-Flood	Sunny	IS8	09:13:14	3.3	Bottom	3	2	29.25	8.07	18.78	78.5	5.42	7.8	2.5
HKLR	HY/2011/03	2014-07-02	Mid-Flood	Sunny	IS(Mf)9	09:30:01	1.0	Surface	1	1	29.28	8.19	18.21	94.2	6.52	3.9	3
HKLR	HY/2011/03	2014-07-02	Mid-Flood	Sunny	IS(Mf)9	09:30:16	1.0	Surface	1	2	29.26	8.19	18.31	93	6.44	4.2	1.9
HKLR	HY/2011/03	2014-07-02	Mid-Flood	Sunny	IS(Mf)9	09:29:53	2.7	Bottom	3	1	29.26	8.19	18.38	93.7	6.48	4	3.4
HKLR	HY/2011/03	2014-07-02	Mid-Flood	Sunny	IS(Mf)9	09:30:09	2.7	Bottom	3	2	29.26	8.19	18.65	93.8	6.48	4.4	4.1
HKLR	HY/2011/03	2014-07-02	Mid-Flood	Sunny	IS10	08:57:50	1.0	Surface	1	1	29.06	8.09	17.38	75.5	5.55	4.8	1.5
HKLR	HY/2011/03	2014-07-02	Mid-Flood	Sunny	IS10	08:56:02	1.0	Surface	1	2	29.06	8.03	17.62	76.4	5.63	5.2	1.5
HKLR	HY/2011/03	2014-07-02	Mid-Flood	Sunny	IS10	08:57:26	5.3	Middle	2	1	28.78	8.08	20.05	76.1	5.64	5.3	1.5
HKLR	HY/2011/03	2014-07-02	Mid-Flood	Sunny	IS10	08:55:05	5.3	Middle	2	2	28.67	8.1	20.13	73.7	5.41	5.1	1
HKLR	HY/2011/03	2014-07-02	Mid-Flood	Sunny	IS10	08:54:50	9.5	Bottom	3	1	28.18	8.03	24.1	73.2	5.31	5.6	1.6
HKLR	HY/2011/03	2014-07-02	Mid-Flood	Sunny	IS10	08:56:23	9.5	Bottom	3	2	28.23	8	23.72	73.4	5.33	5.3	2.5
HKLR	HY/2011/03	2014-07-02	Mid-Flood	Sunny	SR3	10:00:31	0.7	Middle	2	1	29.37	8.21	18.61	95.4	6.58	6.3	10.6
HKLR	HY/2011/03	2014-07-02	Mid-Flood	Sunny	SR3	10:00:40	0.7	Middle	2	2	29.36	8.21	18.6	95.5	6.59	6.3	12.9
HKLR	HY/2011/03	2014-07-02	Mid-Flood	Sunny	SR4	09:19:42	1.0	Surface	1	1	29.45	8.03	16.16	76.1	5.31	9.6	8.9
HKLR	HY/2011/03	2014-07-02	Mid-Flood	Sunny	SR4	09:19:25	1.0	Surface	1	2	29.44	8.03	16.21	76.1	5.31	9.8	10.9
HKLR	HY/2011/03	2014-07-02	Mid-Flood	Sunny	SR4	09:19:32	2.9	Bottom	3	1	29.42	8.03	16.25	76	5.3	9.5	6
HKLR	HY/2011/03	2014-07-02	Mid-Flood	Sunny	SR4	09:19:14	2.9	Bottom	3	2	29.4	8.02	16.91	76.2	5.3	9.7	6.1
HKLR	HY/2011/03	2014-07-02	Mid-Flood	Sunny	SR5	09:05:09	1.0	Surface	1	1	29.3	8.07	14.27	73	5.16	3.7	1.3
HKLR	HY/2011/03	2014-07-02	Mid-Flood	Sunny	SR5	09:05:31	1.0	Surface	1	2	29.19	8.08	14.13	73.1	5.19	3.9	0.9
HKLR	HY/2011/03	2014-07-02	Mid-Flood	Sunny	SR5	09:04:46	4.2	Bottom	3	1	28.88	8.02	19.73	72.4	5.01	4.5	1.9
HKLR	HY/2011/03	2014-07-02	Mid-Flood	Sunny	SR5	09:05:19	4.2	Bottom	3	2	29.06	7.99	19.42	72.7	5.01	4.1	1.9
HKLR	HY/2011/03	2014-07-02	Mid-Flood	Sunny	SR10A	08:11:08	1.0	Surface	1	1	29.16	8.07	17.15	75.9	5.29	2.7	3.4
HKLR	HY/2011/03	2014-07-02	Mid-Flood	Sunny	SR10A	08:10:31	1.0	Surface	1	2	29.12	8.07	17.07	75.6	5.28	2.7	3.2
HKLR	HY/2011/03	2014-07-02	Mid-Flood	Sunny	SR10A	08:10:20	3.3	Middle	2	1	28.89	8.07	19.82	74.4	5.14	2.5	1
HKLR	HY/2011/03	2014-07-02	Mid-Flood	Sunny	SR10A	08:10:58	3.3	Middle	2	2	29.03	8.07	17.68	74.3	5.18	2.7	1.3
HKLR	HY/2011/03	2014-07-02	Mid-Flood	Sunny	SR10A	08:10:44	5.5	Bottom	3	1	28.8	8.06	21.73	74.5	5.1	2.6	3.4
HKLR	HY/2011/03	2014-07-02	Mid-Flood	Sunny	SR10A	08:10:09	5.5	Bottom	3	2	28.96	8.04	21.42	76.5	5.23	2.4	1.3
HKLR	HY/2011/03	2014-07-02	Mid-Flood	Sunny	SR10B	08:04:40	1.0	Surface	1	1	28.67	8.1	19.49	72.8	5.06	3	0.8
HKLR	HY/2011/03	2014-07-02	Mid-Flood	Sunny	SR10B	08:04:20	1.0	Surface	1	2	28.67	8.09	19.65	72.1	5.03	3.1	1.4
HKLR	HY/2011/03	2014-07-02	Mid-Flood	Sunny	SR10B	08:04:30	4.2	Bottom	3	1	28.57	8.09	20.97	71.2	4.91	3.1	1.6
HKLR	HY/2011/03	2014-07-02	Mid-Flood	Sunny	SR10B	08:04:07	4.2	Bottom	3	2	28.58	8.08	20.63	71.9	4.97	3	1.3
HKLR	HY/2011/03	2014-07-02	Mid-Flood	Sunny	CS2	10:22:39	1.0	Surface	1	1	28.99	8.09	18.2	70.4	5.03	3.5	3.6
HKLR	HY/2011/03	2014-07-02	Mid-Flood	Sunny	CS2	10:21:07	1.0	Surface	1	2	29.04	8.09	18.15	71.2	5.11	3.4	3.5
HKLR	HY/2011/03	2014-07-02	Mid-Flood	Sunny	CS2	10:20:51	4.0	Middle	2	1	28.74	8.08	19.57	70.1	5.26	3.5	4.6
HKLR	HY/2011/03	2014-07-02	Mid-Flood	Sunny	CS2	10:22:31	4.0	Middle	2	2	28.79	8.09	18.61	70.6	5.01	3.5	3.9

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-07-02	Mid-Flood	Sunny	CS2	10:22:00	6.9	Bottom	3	1	28.77	8.06	21.64	71.6	5.21	3.5	2.2
HKLR	HY/2011/03	2014-07-02	Mid-Flood	Sunny	CS2	10:20:36	6.9	Bottom	3	2	28.73	8.05	21.02	73.2	5.03	3.6	2.7
HKLR	HY/2011/03	2014-07-02	Mid-Flood	Sunny	CS(Mf)5	08:41:22	1.0	Surface	1	1	28.89	8.1	17.22	72.9	5.07	3.9	1.2
HKLR	HY/2011/03	2014-07-02	Mid-Flood	Sunny	CS(Mf)5	08:41:54	1.0	Surface	1	2	28.78	8.11	18.14	72.4	5.03	3.8	3.7
HKLR	HY/2011/03	2014-07-02	Mid-Flood	Sunny	CS(Mf)5	08:41:46	6.4	Middle	2	1	28.31	8.12	22.59	71.9	5	4.5	3.8
HKLR	HY/2011/03	2014-07-02	Mid-Flood	Sunny	CS(Mf)5	08:41:13	6.4	Middle	2	2	28.29	8.12	21.95	72.5	5.04	4.5	3.1
HKLR	HY/2011/03	2014-07-02	Mid-Flood	Sunny	CS(Mf)5	08:41:36	11.8	Bottom	3	1	28.26	8.09	26.12	71.1	4.97	4.6	2.6
HKLR	HY/2011/03	2014-07-02	Mid-Flood	Sunny	CS(Mf)5	08:41:03	11.8	Bottom	3	2	27.71	8.12	26.46	71.4	4.98	4.6	4.2
HKLR	HY/2011/03	2014-07-04	Mid-Ebb	Sunny	IS5	15:51:09	1.0	Surface	1	1	30.74	8.1	14.37	100.9	6.96	8.8	5.7
HKLR	HY/2011/03	2014-07-04	Mid-Ebb	Sunny	IS5	15:50:36	1.0	Surface	1	2	30.82	8.14	14.22	105.7	7.29	8.7	5.7
HKLR	HY/2011/03	2014-07-04	Mid-Ebb	Sunny	IS5	15:50:58	4.3	Middle	2	1	30.07	7.92	18.03	92.2	6.31	9.1	5.4
HKLR	HY/2011/03	2014-07-04	Mid-Ebb	Sunny	IS5	15:50:24	4.3	Middle	2	2	30.18	7.99	17.78	95.3	6.51	9.3	5.1
HKLR	HY/2011/03	2014-07-04	Mid-Ebb	Sunny	IS5	15:50:50	7.5	Bottom	3	1	30.09	7.94	18.37	97.8	6.68	9.3	5.3
HKLR	HY/2011/03	2014-07-04	Mid-Ebb	Sunny	IS5	15:50:15	7.5	Bottom	3	2	30.15	7.98	18.2	100.8	6.88	9.3	5.2
HKLR	HY/2011/03	2014-07-04	Mid-Ebb	Sunny	IS(Mf)6	16:03:03	1.0	Surface	1	1	31.07	8.23	15.39	114.2	7.8	10.2	4.2
HKLR	HY/2011/03	2014-07-04	Mid-Ebb	Sunny	IS(Mf)6	16:02:40	1.0	Surface	1	2	31.07	8.23	15.35	113.8	7.77	9.8	4.4
HKLR	HY/2011/03	2014-07-04	Mid-Ebb	Sunny	IS(Mf)6	16:02:49	2.2	Bottom	3	1	30.63	8.15	16.81	110.6	7.54	12.1	6
HKLR	HY/2011/03	2014-07-04	Mid-Ebb	Sunny	IS(Mf)6	16:02:30	2.2	Bottom	3	2	30.78	8.17	16.68	111.7	7.6	12.5	5.7
HKLR	HY/2011/03	2014-07-04	Mid-Ebb	Sunny	IS7	16:10:28	1.0	Surface	1	1	30.97	8.22	15.52	121.6	8.3	9.1	5.5
HKLR	HY/2011/03	2014-07-04	Mid-Ebb	Sunny	IS7	16:10:12	1.0	Surface	1	2	31.01	8.21	15.4	120.4	8.22	9.7	6.2
HKLR	HY/2011/03	2014-07-04	Mid-Ebb	Sunny	IS7	16:10:20	2.2	Bottom	3	1	30.87	8.21	15.89	120.8	8.25	10.2	7.2
HKLR	HY/2011/03	2014-07-04	Mid-Ebb	Sunny	IS7	16:10:04	2.2	Bottom	3	2	30.85	8.18	16.23	120.1	8.19	10.5	6.1
HKLR	HY/2011/03	2014-07-04	Mid-Ebb	Sunny	IS8	16:36:50	1.0	Surface	1	1	30.23	7.94	15.85	122	8.42	10.4	6.6
HKLR	HY/2011/03	2014-07-04	Mid-Ebb	Sunny	IS8	16:36:36	1.0	Surface	1	2	30.23	7.96	15.88	122.2	8.43	10.2	6
HKLR	HY/2011/03	2014-07-04	Mid-Ebb	Sunny	IS8	16:36:28	2.5	Bottom	3	1	30.19	7.96	16.57	121.6	8.37	10.2	4.1
HKLR	HY/2011/03	2014-07-04	Mid-Ebb	Sunny	IS8	16:36:44	2.5	Bottom	3	2	30.18	7.94	16.62	122	8.39	10	5.6
HKLR	HY/2011/03	2014-07-04	Mid-Ebb	Sunny	IS(Mf)9	16:18:19	1.0	Surface	1	1	30.5	8.35	15.82	126.2	8.67	10.3	5.7
HKLR	HY/2011/03	2014-07-04	Mid-Ebb	Sunny	IS(Mf)9	16:19:00	1.0	Surface	1	2	30.58	8.32	15.78	125.1	8.59	9.8	5.2
HKLR	HY/2011/03	2014-07-04	Mid-Ebb	Sunny	IS(Mf)9	16:18:02	2.2	Bottom	3	1	30.77	8.32	16.33	123.8	8.45	13.4	5.5
HKLR	HY/2011/03	2014-07-04	Mid-Ebb	Sunny	IS(Mf)9	16:18:46	2.2	Bottom	3	2	30.69	8.23	16.55	117	7.98	13.8	6
HKLR	HY/2011/03	2014-07-04	Mid-Ebb	Sunny	IS10	17:10:55	1.0	Surface	1	1	30.6	8.25	9.02	88.8	6.32	4.3	3.8
HKLR	HY/2011/03	2014-07-04	Mid-Ebb	Sunny	IS10	17:11:48	1.0	Surface	1	2	30.46	8.24	9.32	86.9	6.19	4.2	2.9
HKLR	HY/2011/03	2014-07-04	Mid-Ebb	Sunny	IS10	17:11:35	5.2	Middle	2	1	29.27	8.09	16.8	76.1	5.22	5.4	3.4
HKLR	HY/2011/03	2014-07-04	Mid-Ebb	Sunny	IS10	17:10:38	5.2	Middle	2	2	28.74	8.07	18.59	77.7	5.32	5.5	3.4
HKLR	HY/2011/03	2014-07-04	Mid-Ebb	Sunny	IS10	17:11:12	9.4	Bottom	3	1	27.81	8.01	24.21	72.4	5.05	6.4	3
HKLR	HY/2011/03	2014-07-04	Mid-Ebb	Sunny	IS10	17:10:24	9.4	Bottom	3	2	27.81	8.01	24.56	68.9	4.8	6.5	2.7
HKLR	HY/2011/03	2014-07-04	Mid-Ebb	Sunny	SR3	15:36:36	0.8	Middle	2	1	30.95	8.17	13.71	113.5	7.83	8.3	4.2
HKLR	HY/2011/03	2014-07-04	Mid-Ebb	Sunny	SR3	15:36:44	0.8	Middle	2	2	30.95	8.18	13.75	114.4	7.9	8.4	5.1
HKLR	HY/2011/03	2014-07-04	Mid-Ebb	Sunny	SR4	16:28:24	1.0	Surface	1	1	30.37	8.01	15.72	120.3	8.29	13	4.8
HKLR	HY/2011/03	2014-07-04	Mid-Ebb	Sunny	SR4	16:28:37	1.0	Surface	1	2	30.28	7.99	15.94	124	8.54	12.2	5
HKLR	HY/2011/03	2014-07-04	Mid-Ebb	Sunny	SR4	16:28:30	2.5	Bottom	3	1	30.26	7.99	16.28	123.2	8.48	12.3	5.3
HKLR	HY/2011/03	2014-07-04	Mid-Ebb	Sunny	SR4	16:28:15	2.5	Bottom	3	2	30.05	7.9	16.76	112	7.71	13	5.2
HKLR	HY/2011/03	2014-07-04	Mid-Ebb	Sunny	SR5	17:00:03	1.0	Surface	1	1	30.28	8.19	9.87	96.3	6.86	3.2	3.7
HKLR	HY/2011/03	2014-07-04	Mid-Ebb	Sunny	SR5	17:01:05	1.0	Surface	1	2	30.56	8.22	9.34	100.2	7.13	3.4	2.7
HKLR	HY/2011/03	2014-07-04	Mid-Ebb	Sunny	SR5	16:59:53	4.1	Bottom	3	1	30.02	8.11	14.78	96.3	6.71	3.2	3.4
HKLR	HY/2011/03	2014-07-04	Mid-Ebb	Sunny	SR5	17:00:19	4.1	Bottom	3	2	29.88	8.11	14.81	94.9	6.62	3.2	3.2
HKLR	HY/2011/03	2014-07-04	Mid-Ebb	Sunny	SR10A	17:40:00	1.0	Surface	1	1	31.1	7.85	13.93	111.9	7.69	3.6	3.3
HKLR	HY/2011/03	2014-07-04	Mid-Ebb	Sunny	SR10A	17:40:45	1.0	Surface	1	2	31.2	7.86	13.9	114.6	7.87	3.7	2.7
HKLR	HY/2011/03	2014-07-04	Mid-Ebb	Sunny	SR10A	17:40:33	3.3	Middle	2	1	30.15	7.72	16.08	102.4	7.07	3.5	2.7
HKLR	HY/2011/03	2014-07-04	Mid-Ebb	Sunny	SR10A	17:39:49	3.3	Middle	2	2	30.14	7.73	16.17	102.5	7.07	3.5	3.7
HKLR	HY/2011/03	2014-07-04	Mid-Ebb	Sunny	SR10A	17:40:22	5.6	Bottom	3	1	29.91	7.71	17.06	103	7.1	3.8	2.8
HKLR	HY/2011/03	2014-07-04	Mid-Ebb	Sunny	SR10A	17:39:39	5.6	Bottom	3	2	29.98	7.73	16.76	102.9	7.1	3.4	3.1
HKLR	HY/2011/03	2014-07-04	Mid-Ebb	Sunny	SR10B	17:55:11	1.0	Surface	1	1	31.17	7.88	13.89	115.8	7.95	3.5	3.5
HKLR	HY/2011/03	2014-07-04	Mid-Ebb	Sunny	SR10B	17:55:38	1.0	Surface	1	2	31.14	7.87	13.9	115.6	7.95	3.3	4.2
HKLR	HY/2011/03	2014-07-04	Mid-Ebb	Sunny	SR10B	17:55:01	3.9	Bottom	3	1	30.26	7.75	16.06	109.5	7.55	3.5	4.1
HKLR	HY/2011/03	2014-07-04	Mid-Ebb	Sunny	SR10B	17:55:27	3.9	Bottom	3	2	30.2	7.75	16.37	110.1	7.58	3.6	4.4

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-07-04	Mid-Ebb	Sunny	CS2	15:41:49	1.0	Surface	1	1	30.4	8.28	10.19	92.5	6.57	3.8	3.4
HKLR	HY/2011/03	2014-07-04	Mid-Ebb	Sunny	CS2	15:42:35	1.0	Surface	1	2	30.4	8.25	9.61	91	6.48	3.9	3.5
HKLR	HY/2011/03	2014-07-04	Mid-Ebb	Sunny	CS2	15:42:25	4.0	Middle	2	1	29.83	8.15	15.06	82.7	5.77	5	4.3
HKLR	HY/2011/03	2014-07-04	Mid-Ebb	Sunny	CS2	15:41:34	4.0	Middle	2	2	29.92	8.25	12.53	81	5.72	5.3	4.1
HKLR	HY/2011/03	2014-07-04	Mid-Ebb	Sunny	CS2	15:42:08	7.0	Bottom	3	1	28.61	8.07	21.14	79.2	5.46	7.5	4.3
HKLR	HY/2011/03	2014-07-04	Mid-Ebb	Sunny	CS2	15:41:13	7.0	Bottom	3	2	28.67	8.21	21.14	79.4	5.46	7.3	4.4
HKLR	HY/2011/03	2014-07-04	Mid-Ebb	Sunny	CS(Mf)5	17:08:31	1.0	Surface	1	1	30.6	7.73	13.66	99.4	6.9	4.7	4
HKLR	HY/2011/03	2014-07-04	Mid-Ebb	Sunny	CS(Mf)5	17:07:40	1.0	Surface	1	2	30.49	7.73	14.03	98.3	6.82	4.9	3.8
HKLR	HY/2011/03	2014-07-04	Mid-Ebb	Sunny	CS(Mf)5	17:07:26	6.7	Middle	2	1	29.75	7.67	18.71	89.5	6.13	5.6	3.8
HKLR	HY/2011/03	2014-07-04	Mid-Ebb	Sunny	CS(Mf)5	17:08:18	6.7	Middle	2	2	29.89	7.7	17.52	89.7	6.17	5.2	3.7
HKLR	HY/2011/03	2014-07-04	Mid-Ebb	Sunny	CS(Mf)5	17:08:04	12.3	Bottom	3	1	29.11	7.56	19.48	79.8	5.5	5.5	4.5
HKLR	HY/2011/03	2014-07-04	Mid-Ebb	Sunny	CS(Mf)5	17:07:13	12.3	Bottom	3	2	28.96	7.58	20.5	86.6	5.95	5.1	4.4
HKLR	HY/2011/03	2014-07-04	Mid-Flood	Sunny	IS5	11:06:10	1.0	Surface	1	1	30.01	8.03	16.42	96.7	6.68	9.9	3.2
HKLR	HY/2011/03	2014-07-04	Mid-Flood	Sunny	IS5	11:05:29	1.0	Surface	1	2	30.04	8.04	16.35	99.5	6.87	9.5	3.3
HKLR	HY/2011/03	2014-07-04	Mid-Flood	Sunny	IS5	11:05:59	4.2	Middle	2	1	29.64	7.88	18.61	80.3	5.51	13.2	3.5
HKLR	HY/2011/03	2014-07-04	Mid-Flood	Sunny	IS5	11:05:16	4.2	Middle	2	2	29.37	7.83	18.11	74.3	5.14	13.6	2.8
HKLR	HY/2011/03	2014-07-04	Mid-Flood	Sunny	IS5	11:05:10	7.4	Bottom	3	1	29.08	7.75	20.98	76.2	5.21	13.8	3.8
HKLR	HY/2011/03	2014-07-04	Mid-Flood	Sunny	IS5	11:05:48	7.4	Bottom	3	2	29.14	7.76	20.76	77.1	5.27	13.6	3.5
HKLR	HY/2011/03	2014-07-04	Mid-Flood	Sunny	IS(Mf)6	10:55:25	1.0	Surface	1	1	30.57	8.04	14.81	123.6	8.53	4	5.2
HKLR	HY/2011/03	2014-07-04	Mid-Flood	Sunny	IS(Mf)6	10:54:56	1.0	Surface	1	2	30.49	8.02	14.81	121.7	8.41	4	4.6
HKLR	HY/2011/03	2014-07-04	Mid-Flood	Sunny	IS(Mf)6	10:54:40	2.2	Bottom	3	1	30.25	8.08	15.8	124.6	8.6	5.1	4.4
HKLR	HY/2011/03	2014-07-04	Mid-Flood	Sunny	IS(Mf)6	10:55:10	2.2	Bottom	3	2	30.31	8.1	15.64	126.2	8.71	4.8	6.1
HKLR	HY/2011/03	2014-07-04	Mid-Flood	Sunny	IS7	10:49:02	1.0	Surface	1	1	30.3	8.19	16.13	125.6	8.65	7.4	4.6
HKLR	HY/2011/03	2014-07-04	Mid-Flood	Sunny	IS7	10:49:26	1.0	Surface	1	2	30.29	8.2	16.12	126	8.67	7.2	4.9
HKLR	HY/2011/03	2014-07-04	Mid-Flood	Sunny	IS7	10:48:48	2.3	Bottom	3	1	30.17	8.09	17.03	118.3	8.12	11.3	4.3
HKLR	HY/2011/03	2014-07-04	Mid-Flood	Sunny	IS7	10:49:13	2.3	Bottom	3	2	30.18	8.1	17	120	8.24	10.5	3.9
HKLR	HY/2011/03	2014-07-04	Mid-Flood	Sunny	IS8	10:24:17	1.0	Surface	1	1	29.9	7.94	15.17	92.3	6.43	10.5	4.4
HKLR	HY/2011/03	2014-07-04	Mid-Flood	Sunny	IS8	10:24:35	1.0	Surface	1	2	30	7.95	14.81	92	6.41	11	2.1
HKLR	HY/2011/03	2014-07-04	Mid-Flood	Sunny	IS8	10:24:27	2.7	Bottom	3	1	29.86	7.93	15.33	91.7	6.39	12.2	2.9
HKLR	HY/2011/03	2014-07-04	Mid-Flood	Sunny	IS8	10:24:10	2.7	Bottom	3	2	29.89	7.94	15.47	92.2	6.42	12.2	3.9
HKLR	HY/2011/03	2014-07-04	Mid-Flood	Sunny	IS(Mf)9	10:41:19	1.0	Surface	1	1	30.02	8.1	15.71	121.7	8.44	5	3.6
HKLR	HY/2011/03	2014-07-04	Mid-Flood	Sunny	IS(Mf)9	10:41:00	1.0	Surface	1	2	30.08	8.11	15.64	121.6	8.43	5	3
HKLR	HY/2011/03	2014-07-04	Mid-Flood	Sunny	IS(Mf)9	10:41:10	2.4	Bottom	3	1	30.04	8.1	15.79	121.9	8.44	5	4.4
HKLR	HY/2011/03	2014-07-04	Mid-Flood	Sunny	IS(Mf)9	10:40:51	2.4	Bottom	3	2	30.05	8.1	15.86	120.8	8.36	5.2	3.8
HKLR	HY/2011/03	2014-07-04	Mid-Flood	Sunny	IS10	10:51:50	1.0	Surface	1	1	30.04	8.17	13.3	81.9	5.75	3.9	3
HKLR	HY/2011/03	2014-07-04	Mid-Flood	Sunny	IS10	10:50:56	1.0	Surface	1	2	30.06	8.16	13.35	83.2	5.84	3.9	3.7
HKLR	HY/2011/03	2014-07-04	Mid-Flood	Sunny	IS10	10:50:37	5.5	Middle	2	1	29.2	8.11	18.52	73	5.05	6.6	4.2
HKLR	HY/2011/03	2014-07-04	Mid-Flood	Sunny	IS10	10:51:34	5.5	Middle	2	2	29.21	8.11	18.5	72.8	5.04	6.6	4
HKLR	HY/2011/03	2014-07-04	Mid-Flood	Sunny	IS10	10:50:16	10.0	Bottom	3	1	27.58	8.01	25.49	71.6	4.9	6.5	2.1
HKLR	HY/2011/03	2014-07-04	Mid-Flood	Sunny	IS10	10:51:10	10.0	Bottom	3	2	27.53	8.01	25.62	71.8	4.91	6.7	2.5
HKLR	HY/2011/03	2014-07-04	Mid-Flood	Sunny	SR3	11:18:02	0.8	Middle	2	1	30.13	8.11	16.24	123.2	8.5	6.2	4.6
HKLR	HY/2011/03	2014-07-04	Mid-Flood	Sunny	SR3	11:17:49	0.8	Middle	2	2	30.12	8.09	16.31	121.8	8.4	6.4	4.8
HKLR	HY/2011/03	2014-07-04	Mid-Flood	Sunny	SR4	10:30:46	1.0	Surface	1	1	30.05	7.88	14.52	93	6.49	10.2	5.8
HKLR	HY/2011/03	2014-07-04	Mid-Flood	Sunny	SR4	10:30:33	1.0	Surface	1	2	30.03	7.88	14.45	93.2	6.5	11.1	5.8
HKLR	HY/2011/03	2014-07-04	Mid-Flood	Sunny	SR4	10:30:24	2.7	Bottom	3	1	30.03	7.86	15.06	93.3	6.49	12.1	4.5
HKLR	HY/2011/03	2014-07-04	Mid-Flood	Sunny	SR4	10:30:39	2.7	Bottom	3	2	30.03	7.87	15.62	93.4	6.47	10.9	4
HKLR	HY/2011/03	2014-07-04	Mid-Flood	Sunny	SR5	11:01:06	1.0	Surface	1	1	30.01	8.13	12.91	86.2	6.07	3.8	3.9
HKLR	HY/2011/03	2014-07-04	Mid-Flood	Sunny	SR5	11:01:22	1.0	Surface	1	2	30.02	8.13	12.86	86.2	6.07	3.8	2.8
HKLR	HY/2011/03	2014-07-04	Mid-Flood	Sunny	SR5	11:01:13	4.0	Bottom	3	1	29.89	8.09	15.81	86.3	5.99	3.7	4
HKLR	HY/2011/03	2014-07-04	Mid-Flood	Sunny	SR5	11:00:58	4.0	Bottom	3	2	29.87	8.09	15.9	86.7	6.02	3.7	2.3
HKLR	HY/2011/03	2014-07-04	Mid-Flood	Sunny	SR10A	09:19:29	1.0	Surface	1	1	29.94	7.89	14.21	87.3	6.11	3.3	4.4
HKLR	HY/2011/03	2014-07-04	Mid-Flood	Sunny	SR10A	09:20:01	1.0	Surface	1	2	30.07	7.89	14.09	84.9	5.94	3.5	3.1
HKLR	HY/2011/03	2014-07-04	Mid-Flood	Sunny	SR10A	09:19:52	3.3	Middle	2	1	29.51	7.87	15.56	80.7	5.64	3.6	4.2
HKLR	HY/2011/03	2014-07-04	Mid-Flood	Sunny	SR10A	09:19:11	3.3	Middle	2	2	29.41	7.87	15.61	78.9	5.53	3.4	3.4
HKLR	HY/2011/03	2014-07-04	Mid-Flood	Sunny	SR10A	09:19:43	5.6	Bottom	3	1	29.14	7.85	19.21	81.7	5.64	3.6	3.7
HKLR	HY/2011/03	2014-07-04	Mid-Flood	Sunny	SR10A	09:19:02	5.6	Bottom	3	2	29.03	7.85	19.47	79.6	5.49	3.5	2.6

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-07-04	Mid-Flood	Sunny	SR10B	09:05:01	1.0	Surface	1	1	29.52	7.84	15.43	82.6	5.78	3.6	3.4
HKLR	HY/2011/03	2014-07-04	Mid-Flood	Sunny	SR10B	09:05:21	1.0	Surface	1	2	29.34	7.86	15.49	81.5	5.72	3.5	3.2
HKLR	HY/2011/03	2014-07-04	Mid-Flood	Sunny	SR10B	09:04:51	4.1	Bottom	3	1	29.14	7.79	19.14	82.8	5.72	3.6	3.8
HKLR	HY/2011/03	2014-07-04	Mid-Flood	Sunny	SR10B	09:05:13	4.1	Bottom	3	2	29.41	7.82	19.87	83.3	5.7	3.7	3.1
HKLR	HY/2011/03	2014-07-04	Mid-Flood	Sunny	CS2	12:12:08	1.0	Surface	1	1	29.93	8.17	11.1	82	5.84	4.1	3.6
HKLR	HY/2011/03	2014-07-04	Mid-Flood	Sunny	CS2	12:11:18	1.0	Surface	1	2	29.92	8.16	11.48	82.4	5.85	4.2	2.6
HKLR	HY/2011/03	2014-07-04	Mid-Flood	Sunny	CS2	12:11:01	4.0	Middle	2	1	29.08	8.06	18.33	77.7	5.34	6.1	3.3
HKLR	HY/2011/03	2014-07-04	Mid-Flood	Sunny	CS2	12:11:53	4.0	Middle	2	2	29.43	8.08	17.95	74.7	5.16	5.9	3.5
HKLR	HY/2011/03	2014-07-04	Mid-Flood	Sunny	CS2	12:11:36	7.0	Bottom	3	1	28.45	8.01	22.05	73.6	5.05	6.1	3.6
HKLR	HY/2011/03	2014-07-04	Mid-Flood	Sunny	CS2	12:10:49	7.0	Bottom	3	2	28.65	8	21.44	73.1	5.08	5.9	3.9
HKLR	HY/2011/03	2014-07-04	Mid-Flood	Sunny	CS(Mf)5	09:53:04	1.0	Surface	1	1	29.69	7.88	14.67	81.5	5.71	3.7	3.7
HKLR	HY/2011/03	2014-07-04	Mid-Flood	Sunny	CS(Mf)5	09:53:40	1.0	Surface	1	2	29.63	7.87	14.4	80.6	5.67	3.9	3.8
HKLR	HY/2011/03	2014-07-04	Mid-Flood	Sunny	CS(Mf)5	09:52:50	6.7	Middle	2	1	29.08	7.85	19.47	77	5.31	3.4	3.8
HKLR	HY/2011/03	2014-07-04	Mid-Flood	Sunny	CS(Mf)5	09:53:30	6.7	Middle	2	2	29.1	7.85	19.97	77.6	5.34	3.6	4.5
HKLR	HY/2011/03	2014-07-04	Mid-Flood	Sunny	CS(Mf)5	09:52:35	12.4	Bottom	3	1	28.94	7.83	20.71	78.2	5.37	3.4	5.1
HKLR	HY/2011/03	2014-07-04	Mid-Flood	Sunny	CS(Mf)5	09:53:19	12.4	Bottom	3	2	29.08	7.84	20.23	79.2	5.44	3.3	5.3
HKLR	HY/2011/03	2014-07-07	Mid-Ebb	Sunny	IS5	09:52:32	1.0	Surface	1	1	30.9	8.66	13.59	111.2	7.69	6.7	6.8
HKLR	HY/2011/03	2014-07-07	Mid-Ebb	Sunny	IS5	09:53:21	1.0	Surface	1	2	31.01	8.65	13.83	110.5	7.61	6.6	6.3
HKLR	HY/2011/03	2014-07-07	Mid-Ebb	Sunny	IS5	09:52:55	4.3	Middle	2	1	27.78	8.01	25.95	77.5	5.19	6.7	6
HKLR	HY/2011/03	2014-07-07	Mid-Ebb	Sunny	IS5	09:52:05	4.3	Middle	2	2	27.67	8.03	25.9	75.6	5.12	6.6	7.3
HKLR	HY/2011/03	2014-07-07	Mid-Ebb	Sunny	IS5	09:51:58	7.6	Bottom	3	1	27.6	8.12	27.22	73.9	5	6.7	6.2
HKLR	HY/2011/03	2014-07-07	Mid-Ebb	Sunny	IS5	09:52:45	7.6	Bottom	3	2	27.62	8.06	27.19	76.1	5.15	6.6	7.2
HKLR	HY/2011/03	2014-07-07	Mid-Ebb	Sunny	IS(Mf)6	09:44:38	1.0	Surface	1	1	30.94	8.72	12.93	131	9.08	5.8	5.1
HKLR	HY/2011/03	2014-07-07	Mid-Ebb	Sunny	IS(Mf)6	09:44:21	1.0	Surface	1	2	30.92	8.7	12.96	125.3	8.69	5.6	5.6
HKLR	HY/2011/03	2014-07-07	Mid-Ebb	Sunny	IS(Mf)6	09:44:27	2.2	Bottom	3	1	30.8	8.64	16.04	128.2	8.76	6.7	4.8
HKLR	HY/2011/03	2014-07-07	Mid-Ebb	Sunny	IS(Mf)6	09:44:09	2.2	Bottom	3	2	30.45	8.52	18.38	125	8.48	6.7	5.4
HKLR	HY/2011/03	2014-07-07	Mid-Ebb	Sunny	IS7	09:38:15	1.0	Surface	1	1	31.2	8.57	14.81	108.8	7.44	10.4	4.7
HKLR	HY/2011/03	2014-07-07	Mid-Ebb	Sunny	IS7	09:38:41	1.0	Surface	1	2	31.28	8.64	13.92	113.9	7.81	10.4	5.4
HKLR	HY/2011/03	2014-07-07	Mid-Ebb	Sunny	IS7	09:38:02	2.3	Bottom	3	1	30.09	8.28	17.98	95.8	6.55	10.9	4.3
HKLR	HY/2011/03	2014-07-07	Mid-Ebb	Sunny	IS7	09:38:28	2.3	Bottom	3	2	29.81	8.29	17.88	93.7	6.44	10.8	4.8
HKLR	HY/2011/03	2014-07-07	Mid-Ebb	Sunny	IS8	09:11:15	1.0	Surface	1	1	31.01	8.66	12.75	114.7	7.95	7.5	5.1
HKLR	HY/2011/03	2014-07-07	Mid-Ebb	Sunny	IS8	09:11:40	1.0	Surface	1	2	31.03	8.68	12.74	119.1	8.25	7.3	5.8
HKLR	HY/2011/03	2014-07-07	Mid-Ebb	Sunny	IS8	09:11:27	3.1	Bottom	3	1	29.46	8.34	18.63	107.9	7.43	7.3	4.5
HKLR	HY/2011/03	2014-07-07	Mid-Ebb	Sunny	IS8	09:11:02	3.1	Bottom	3	2	29.38	8.32	18.6	108.7	7.49	7.2	5.9
HKLR	HY/2011/03	2014-07-07	Mid-Ebb	Sunny	IS(Mf)9	09:29:46	1.0	Surface	1	1	30.96	8.66	13.43	110.9	7.67	7.4	6
HKLR	HY/2011/03	2014-07-07	Mid-Ebb	Sunny	IS(Mf)9	09:29:17	1.0	Surface	1	2	30.96	8.64	13.63	111	7.67	7.7	5.9
HKLR	HY/2011/03	2014-07-07	Mid-Ebb	Sunny	IS(Mf)9	09:29:05	2.6	Bottom	3	1	29.45	8.27	18.38	91.9	6.33	7.4	5.7
HKLR	HY/2011/03	2014-07-07	Mid-Ebb	Sunny	IS(Mf)9	09:29:33	2.6	Bottom	3	2	28.61	8.23	21.41	90.7	6.24	7.6	6.1
HKLR	HY/2011/03	2014-07-07	Mid-Ebb	Sunny	IS10	10:01:09	1.0	Surface	1	1	30.93	8.69	13.47	128.9	8.91	6	3.2
HKLR	HY/2011/03	2014-07-07	Mid-Ebb	Sunny	IS10	10:01:00	1.0	Surface	1	2	30.95	8.68	13.52	128.7	8.89	6	2.5
HKLR	HY/2011/03	2014-07-07	Mid-Ebb	Sunny	IS10	09:18:33	1.9	Middle	2	1	31.18	8.58	12.79	128.9	8.9	9.1	3.8
HKLR	HY/2011/03	2014-07-07	Mid-Ebb	Sunny	IS10	09:18:15	1.9	Middle	2	2	31.21	8.59	12.85	128.8	8.9	9.2	4.1
HKLR	HY/2011/03	2014-07-07	Mid-Ebb	Sunny	IS10	09:18:04	2.7	Bottom	3	1	31.02	8.52	13.38	127.1	8.78	9.4	3.2
HKLR	HY/2011/03	2014-07-07	Mid-Ebb	Sunny	IS10	09:18:25	2.7	Bottom	3	2	31.11	8.56	13.36	129.4	8.92	9.7	2.8
HKLR	HY/2011/03	2014-07-07	Mid-Ebb	Sunny	SR3	07:57:01	1.1	Middle	2	1	30.08	8.53	14.06	120.2	8.4	3	6.3
HKLR	HY/2011/03	2014-07-07	Mid-Ebb	Sunny	SR3	07:57:20	1.1	Middle	2	2	30	8.51	14.1	118.6	8.3	2.9	5.5
HKLR	HY/2011/03	2014-07-07	Mid-Ebb	Sunny	SR4	07:56:52	1.0	Surface	1	1	29.94	8.49	15.2	118.6	8.26	2.9	5.2
HKLR	HY/2011/03	2014-07-07	Mid-Ebb	Sunny	SR4	07:57:14	1.0	Surface	1	2	29.92	8.48	15.35	118.1	8.22	3	4.8
HKLR	HY/2011/03	2014-07-07	Mid-Ebb	Sunny	SR4	07:56:46	5.4	Bottom	3	1	30.03	8.51	15.52	120.2	8.34	3	5.6
HKLR	HY/2011/03	2014-07-07	Mid-Ebb	Sunny	SR4	07:57:08	5.4	Bottom	3	2	29.96	8.49	15.53	119.5	8.3	3	5.2
HKLR	HY/2011/03	2014-07-07	Mid-Ebb	Sunny	SR5	07:51:45	1.0	Surface	1	1	29.01	8.35	17.69	96.5	6.73	3.1	4.4
HKLR	HY/2011/03	2014-07-07	Mid-Ebb	Sunny	SR5	07:51:30	1.0	Surface	1	2	29.03	8.35	17.79	97.5	6.79	3.1	4.9
HKLR	HY/2011/03	2014-07-07	Mid-Ebb	Sunny	SR5	07:51:23	3.9	Bottom	3	1	29.01	8.34	20.27	98.1	6.75	3.2	5.4
HKLR	HY/2011/03	2014-07-07	Mid-Ebb	Sunny	SR5	07:51:38	3.9	Bottom	3	2	29.07	8.33	20.54	98.1	6.73	3.2	3.2
HKLR	HY/2011/03	2014-07-07	Mid-Ebb	Sunny	SR10A	08:36:35	1.0	Surface	1	1	29.77	8.42	13.87	91.7	6.45	3.6	3.5
HKLR	HY/2011/03	2014-07-07	Mid-Ebb	Sunny	SR10A	08:35:42	1.0	Surface	1	2	29.79	8.41	13.9	92.1	6.47	3.5	3.6

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-07-07	Mid-Ebb	Sunny	SR10A	08:35:28	6.0	Middle	2	1	29.28	8.28	18.02	76	5.26	3.5	3.2
HKLR	HY/2011/03	2014-07-07	Mid-Ebb	Sunny	SR10A	08:36:21	6.0	Middle	2	2	28.83	8.27	21.56	74.4	5.1	3.7	3
HKLR	HY/2011/03	2014-07-07	Mid-Ebb	Sunny	SR10A	08:35:10	11.0	Bottom	3	1	26.38	8.14	28.56	70.7	4.85	3.6	3
HKLR	HY/2011/03	2014-07-07	Mid-Ebb	Sunny	SR10A	08:36:01	11.0	Bottom	3	2	26.33	8.14	28.76	72.1	4.94	3.6	3.7
HKLR	HY/2011/03	2014-07-07	Mid-Ebb	Sunny	SR10B	13:55:45	1.0	Surface	1	1	30.84	8.46	14.81	102.8	7.03	10.3	3.6
HKLR	HY/2011/03	2014-07-07	Mid-Ebb	Sunny	SR10B	13:55:14	1.0	Surface	1	2	30.77	8.36	14.94	104.5	7.16	10.5	3.7
HKLR	HY/2011/03	2014-07-07	Mid-Ebb	Sunny	SR10B	13:55:05	4.4	Bottom	3	1	27.96	8.04	22.07	77.4	5.25	10.1	4
HKLR	HY/2011/03	2014-07-07	Mid-Ebb	Sunny	SR10B	13:55:33	4.4	Bottom	3	2	28.18	8.04	22.37	73.9	5.09	10.1	3.8
HKLR	HY/2011/03	2014-07-07	Mid-Ebb	Sunny	CS2	13:55:26	1.0	Surface	1	1	28.04	8.1	26.27	72.7	5.02	10.9	3.5
HKLR	HY/2011/03	2014-07-07	Mid-Ebb	Sunny	CS2	13:54:59	1.0	Surface	1	2	27.77	8.14	27.04	76.9	5.22	10.2	3.2
HKLR	HY/2011/03	2014-07-07	Mid-Ebb	Sunny	CS2	14:01:50	1.6	Middle	2	1	31.21	8.78	13.41	150.8	10.38	10.4	3.7
HKLR	HY/2011/03	2014-07-07	Mid-Ebb	Sunny	CS2	14:01:36	1.6	Middle	2	2	31.12	8.78	13.17	144.4	9.97	10.3	2.6
HKLR	HY/2011/03	2014-07-07	Mid-Ebb	Sunny	CS2	14:01:24	2.1	Bottom	3	1	31.15	8.67	14.89	145.3	9.93	10.2	3.3
HKLR	HY/2011/03	2014-07-07	Mid-Ebb	Sunny	CS2	14:01:42	2.1	Bottom	3	2	31.23	8.76	13.66	150.8	10.36	10.7	3.1
HKLR	HY/2011/03	2014-07-07	Mid-Ebb	Sunny	CS(Mf)5	14:08:28	1.0	Surface	1	1	31.21	8.84	12.91	152.6	10.48	6.6	2.7
HKLR	HY/2011/03	2014-07-07	Mid-Ebb	Sunny	CS(Mf)5	14:08:48	1.0	Surface	1	2	31.18	8.77	12.94	156.4	10.79	6.6	3.2
HKLR	HY/2011/03	2014-07-07	Mid-Ebb	Sunny	CS(Mf)5	14:08:20	1.1	Middle	2	1	31.18	8.79	13.83	141.2	9.7	6.8	3.6
HKLR	HY/2011/03	2014-07-07	Mid-Ebb	Sunny	CS(Mf)5	14:08:38	1.1	Middle	2	2	30.89	8.57	14.71	140.6	9.7	6.7	3.7
HKLR	HY/2011/03	2014-07-07	Mid-Ebb	Sunny	CS(Mf)5	14:33:23	1.2	Bottom	3	1	30.24	8.46	13.94	104.2	7.27	10.2	4.7
HKLR	HY/2011/03	2014-07-07	Mid-Ebb	Sunny	CS(Mf)5	14:33:44	1.2	Bottom	3	2	30.28	8.48	14.22	104.4	7.26	10.2	2.8
HKLR	HY/2011/03	2014-07-07	Mid-Flood	Sunny	IS5	14:33:31	1.0	Surface	1	1	30.04	8.33	19.04	104.3	7.09	10.5	4.4
HKLR	HY/2011/03	2014-07-07	Mid-Flood	Sunny	IS5	14:33:14	1.0	Surface	1	2	30.17	8.4	17.74	110.2	7.54	10.5	4.2
HKLR	HY/2011/03	2014-07-07	Mid-Flood	Sunny	IS5	14:15:52	1.8	Middle	2	1	30.71	8.63	13.68	128.2	8.88	10.5	4
HKLR	HY/2011/03	2014-07-07	Mid-Flood	Sunny	IS5	14:16:08	1.8	Middle	2	2	30.83	8.69	13.71	132.4	9.15	10.2	3.7
HKLR	HY/2011/03	2014-07-07	Mid-Flood	Sunny	IS5	14:15:44	2.6	Bottom	3	1	30.79	8.61	16.25	136.9	9.34	10	3
HKLR	HY/2011/03	2014-07-07	Mid-Flood	Sunny	IS5	14:15:58	2.6	Bottom	3	2	30.82	8.62	16.11	133.6	9.12	10.7	4.3
HKLR	HY/2011/03	2014-07-07	Mid-Flood	Sunny	IS(Mf)6	13:47:13	1.0	Surface	1	1	30.85	8.56	14.96	122	8.38	13.2	5
HKLR	HY/2011/03	2014-07-07	Mid-Flood	Sunny	IS(Mf)6	13:47:05	1.0	Surface	1	2	30.84	8.55	15	121.3	8.33	13.2	4.8
HKLR	HY/2011/03	2014-07-07	Mid-Flood	Sunny	IS(Mf)6	14:26:43	1.1	Bottom	3	1	30.38	8.59	13.1	120.8	8.44	10.2	5.8
HKLR	HY/2011/03	2014-07-07	Mid-Flood	Sunny	IS(Mf)6	14:27:03	1.1	Bottom	3	2	30.36	8.57	13.16	118.5	8.28	10.2	6
HKLR	HY/2011/03	2014-07-07	Mid-Flood	Sunny	IS7	14:26:52	1.0	Surface	1	1	30.22	8.43	16.59	120.2	8.27	10.1	5
HKLR	HY/2011/03	2014-07-07	Mid-Flood	Sunny	IS7	14:26:31	1.0	Surface	1	2	30.27	8.46	16.57	118.9	8.17	10.7	3.7
HKLR	HY/2011/03	2014-07-07	Mid-Flood	Sunny	IS7	15:39:07	1.2	Bottom	3	1	29.58	8.45	15.66	93.6	6.54	2.6	4.6
HKLR	HY/2011/03	2014-07-07	Mid-Flood	Sunny	IS7	15:38:27	1.2	Bottom	3	2	29.39	8.45	15.73	95.6	6.7	2.6	6.1
HKLR	HY/2011/03	2014-07-07	Mid-Flood	Sunny	IS8	15:38:17	1.0	Surface	1	1	28.48	8.33	21.71	85.9	5.92	2.5	5.1
HKLR	HY/2011/03	2014-07-07	Mid-Flood	Sunny	IS8	15:38:56	1.0	Surface	1	2	28.24	8.3	22.04	83.8	5.77	2.6	4.6
HKLR	HY/2011/03	2014-07-07	Mid-Flood	Sunny	IS8	15:38:08	5.5	Bottom	3	1	28.13	8.29	22.4	85	5.85	2.5	5.6
HKLR	HY/2011/03	2014-07-07	Mid-Flood	Sunny	IS8	15:38:48	5.5	Bottom	3	2	27.91	8.27	23.27	81.9	5.65	2.6	5.5
HKLR	HY/2011/03	2014-07-07	Mid-Flood	Sunny	IS(Mf)9	15:46:33	1.0	Surface	1	1	29.17	8.43	15.96	97.3	6.83	2.9	5.7
HKLR	HY/2011/03	2014-07-07	Mid-Flood	Sunny	IS(Mf)9	15:46:48	1.0	Surface	1	2	28.93	8.39	16.61	95.4	6.7	2.9	5
HKLR	HY/2011/03	2014-07-07	Mid-Flood	Sunny	IS(Mf)9	15:46:23	3.9	Bottom	3	1	28.32	8.33	21.95	98.4	6.78	2.8	6.2
HKLR	HY/2011/03	2014-07-07	Mid-Flood	Sunny	IS(Mf)9	15:46:39	3.9	Bottom	3	2	29.09	8.37	21.68	99	6.74	2.9	5.8
HKLR	HY/2011/03	2014-07-07	Mid-Flood	Sunny	IS10	15:17:41	1.0	Surface	1	1	29.91	8.48	15.16	89.3	6.22	3.5	4.7
HKLR	HY/2011/03	2014-07-07	Mid-Flood	Sunny	IS10	15:18:21	1.0	Surface	1	2	29.91	8.49	15.24	92.5	6.44	3.5	5.2
HKLR	HY/2011/03	2014-07-07	Mid-Flood	Sunny	IS10	15:18:04	6.3	Middle	2	1	27.18	8.09	27.04	74.9	5.13	3.5	5.2
HKLR	HY/2011/03	2014-07-07	Mid-Flood	Sunny	IS10	15:17:23	6.3	Middle	2	2	27	8.09	27.71	73.7	5.08	3.7	6.1
HKLR	HY/2011/03	2014-07-07	Mid-Flood	Sunny	IS10	15:17:54	11.6	Bottom	3	1	25.3	8.11	32.16	74.5	5.11	3.5	5.2
HKLR	HY/2011/03	2014-07-07	Mid-Flood	Sunny	IS10	15:17:11	11.6	Bottom	3	2	25.34	8.12	32.21	75.5	5.17	3.4	5.5
HKLR	HY/2011/03	2014-07-07	Mid-Flood	Sunny	SR3	08:42:53	1.0	Middle	2	1	30.36	8.31	9.69	72	5.55	3.1	4.2
HKLR	HY/2011/03	2014-07-07	Mid-Flood	Sunny	SR3	08:43:53	1.0	Middle	2	2	30.32	8.28	9.93	73.7	5.25	3.1	4.1
HKLR	HY/2011/03	2014-07-07	Mid-Flood	Sunny	SR4	08:43:37	1.0	Surface	1	1	28.15	8.03	22.34	75.6	5.34	3.3	6.8
HKLR	HY/2011/03	2014-07-07	Mid-Flood	Sunny	SR4	08:42:21	1.0	Surface	1	2	28.03	8.01	22.88	75.3	5.71	3.4	6.9
HKLR	HY/2011/03	2014-07-07	Mid-Flood	Sunny	SR4	08:42:03	9.1	Bottom	3	1	26.62	7.97	27.88	78.9	5.67	3.1	6.8
HKLR	HY/2011/03	2014-07-07	Mid-Flood	Sunny	SR4	08:43:19	9.1	Bottom	3	2	26.37	8	28.22	74.4	5.74	3.2	7.1
HKLR	HY/2011/03	2014-07-07	Mid-Flood	Sunny	SR5	08:52:40	1.0	Surface	1	1	30.12	8.33	10.18	76	5.85	4.9	6.1
HKLR	HY/2011/03	2014-07-07	Mid-Flood	Sunny	SR5	08:53:13	1.0	Surface	1	2	30.07	8.33	10.14	73.3	5.66	4.3	5.7

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-07-07	Mid-Flood	Sunny	SR5	08:52:59	4.0	Bottom	3	1	29.16	8.18	19.14	73.6	5.46	4.4	6
HKLR	HY/2011/03	2014-07-07	Mid-Flood	Sunny	SR5	08:52:24	4.0	Bottom	3	2	29.12	8.2	18.98	77.3	5.73	4.1	5.2
HKLR	HY/2011/03	2014-07-07	Mid-Flood	Sunny	SR10A	10:06:12	1.0	Surface	1	1	30.09	8.24	11.87	75.3	5.81	1.9	4.9
HKLR	HY/2011/03	2014-07-07	Mid-Flood	Sunny	SR10A	10:07:21	1.0	Surface	1	2	30.07	8.27	11.71	72.5	5.54	2.3	5.6
HKLR	HY/2011/03	2014-07-07	Mid-Flood	Sunny	SR10A	10:05:49	3.9	Middle	2	1	29.48	8.11	16.28	74.9	5.34	2.5	6.1
HKLR	HY/2011/03	2014-07-07	Mid-Flood	Sunny	SR10A	10:06:48	3.9	Middle	2	2	30.04	8.2	16.62	72.2	5.37	2.2	6.1
HKLR	HY/2011/03	2014-07-07	Mid-Flood	Sunny	SR10A	10:06:26	6.7	Bottom	3	1	30.08	8.21	15.81	74.4	5.39	2.2	5.5
HKLR	HY/2011/03	2014-07-07	Mid-Flood	Sunny	SR10A	10:05:35	6.7	Bottom	3	2	29.35	8.09	16.39	77.5	5.74	2.3	4.5
HKLR	HY/2011/03	2014-07-07	Mid-Flood	Sunny	SR10B	15:18:32	1.0	Surface	1	1	30.1	8.37	14.92	74.5	5.74	3.4	5.1
HKLR	HY/2011/03	2014-07-07	Mid-Flood	Sunny	SR10B	15:18:00	1.0	Surface	1	2	30.05	8.38	13.47	75.2	5.24	3.8	3.2
HKLR	HY/2011/03	2014-07-07	Mid-Flood	Sunny	SR10B	15:18:15	5.2	Bottom	3	1	28.32	8.28	21.83	76.9	5.62	3.5	5.3
HKLR	HY/2011/03	2014-07-07	Mid-Flood	Sunny	SR10B	15:17:34	5.2	Bottom	3	2	28.1	8.1	21.98	78.8	5.07	3.2	4.3
HKLR	HY/2011/03	2014-07-07	Mid-Flood	Sunny	CS2	15:18:09	1.0	Surface	1	1	28.84	8.36	21.15	75	5.46	3.3	5.1
HKLR	HY/2011/03	2014-07-07	Mid-Flood	Sunny	CS2	15:16:51	1.0	Surface	1	2	27.55	8.16	24.52	77.7	5.66	3.1	6
HKLR	HY/2011/03	2014-07-07	Mid-Flood	Sunny	CS2	15:05:12	2.6	Middle	2	1	30.09	8.37	11.01	78	5.16	4.4	5.1
HKLR	HY/2011/03	2014-07-07	Mid-Flood	Sunny	CS2	15:04:47	2.6	Middle	2	2	30.03	8.3	11.85	80.4	5.69	4.6	5.3
HKLR	HY/2011/03	2014-07-07	Mid-Flood	Sunny	CS2	15:03:55	4.2	Bottom	3	1	28.43	8.17	21.27	80	5.52	4.4	6.7
HKLR	HY/2011/03	2014-07-07	Mid-Flood	Sunny	CS2	15:04:54	4.2	Bottom	3	2	29.77	8.26	19.11	80.1	5.18	4.3	6.8
HKLR	HY/2011/03	2014-07-07	Mid-Flood	Sunny	CS(Mf)5	13:44:51	1.0	Surface	1	1	30.02	8.29	11.44	73.2	5.76	2	5.5
HKLR	HY/2011/03	2014-07-07	Mid-Flood	Sunny	CS(Mf)5	13:45:43	1.0	Surface	1	2	30.04	8.3	10.26	72.1	5.87	2	4.6
HKLR	HY/2011/03	2014-07-07	Mid-Flood	Sunny	CS(Mf)5	13:45:22	4	Middle	2	1	27.98	8.07	19.01	77	5.31	2.3	4.3
HKLR	HY/2011/03	2014-07-07	Mid-Flood	Sunny	CS(Mf)5	13:44:28	4	Middle	2	2	28.61	8.09	17.46	74.4	5.12	2.5	4
HKLR	HY/2011/03	2014-07-07	Mid-Flood	Sunny	CS(Mf)5	13:45:13	7	Bottom	3	1	27.43	8.04	26.21	76.3	5.84	2	4.5
HKLR	HY/2011/03	2014-07-07	Mid-Flood	Sunny	CS(Mf)5	13:43:26	7	Bottom	3	2	27.43	8.15	26.36	75.3	5.78	2.1	5.3
HKLR	HY/2011/03	2014-07-09	Mid-Ebb	Sunny	IS5	11:35:01	1.0	Surface	1	1	30.24	8.41	16.97	84.3	5.8	6.4	5.9
HKLR	HY/2011/03	2014-07-09	Mid-Ebb	Sunny	IS5	11:36:00	1.0	Surface	1	2	30.2	8.4	17.09	83.6	5.73	6.5	6.2
HKLR	HY/2011/03	2014-07-09	Mid-Ebb	Sunny	IS5	11:34:38	4.2	Middle	2	1	27.73	8.03	26.39	78.8	5.28	7	6.5
HKLR	HY/2011/03	2014-07-09	Mid-Ebb	Sunny	IS5	11:35:34	4.2	Middle	2	2	27.72	8.02	26.24	79	5.28	7.7	6.1
HKLR	HY/2011/03	2014-07-09	Mid-Ebb	Sunny	IS5	11:35:23	7.3	Bottom	3	1	27.37	8.01	27.95	74	5.03	7.8	6.2
HKLR	HY/2011/03	2014-07-09	Mid-Ebb	Sunny	IS5	11:34:25	7.3	Bottom	3	2	27.56	8.15	27.52	73.4	4.97	7.6	6.1
HKLR	HY/2011/03	2014-07-09	Mid-Ebb	Sunny	IS(Mf)6	11:22:44	1.0	Surface	1	1	30.31	8.38	17.77	82	5.59	7.8	6
HKLR	HY/2011/03	2014-07-09	Mid-Ebb	Sunny	IS(Mf)6	11:22:22	1.0	Surface	1	2	30.15	8.31	18.16	77.3	5.28	7.1	6.2
HKLR	HY/2011/03	2014-07-09	Mid-Ebb	Sunny	IS(Mf)6	11:22:05	2.2	Bottom	3	1	28.67	8.17	23.39	73.4	4.99	11.8	5.4
HKLR	HY/2011/03	2014-07-09	Mid-Ebb	Sunny	IS(Mf)6	11:22:29	2.2	Bottom	3	2	28.73	8.19	23.08	72.7	4.94	10.8	4.6
HKLR	HY/2011/03	2014-07-09	Mid-Ebb	Sunny	IS7	11:15:13	1.0	Surface	1	1	29.93	8.22	19.23	77.2	5.32	11.9	5.8
HKLR	HY/2011/03	2014-07-09	Mid-Ebb	Sunny	IS7	11:14:53	1.0	Surface	1	2	29.97	8.23	18.38	76.2	5.29	10.9	4.9
HKLR	HY/2011/03	2014-07-09	Mid-Ebb	Sunny	IS7	11:14:41	2.2	Bottom	3	1	29.34	8.16	20.95	71.7	4.87	13.1	5.3
HKLR	HY/2011/03	2014-07-09	Mid-Ebb	Sunny	IS7	11:15:02	2.2	Bottom	3	2	29.2	8.12	21.37	73	5.01	12.6	3.7
HKLR	HY/2011/03	2014-07-09	Mid-Ebb	Sunny	IS8	10:48:55	1.0	Surface	1	1	29.81	8.32	18.5	80.1	5.49	8.2	5.3
HKLR	HY/2011/03	2014-07-09	Mid-Ebb	Sunny	IS8	10:49:30	1.0	Surface	1	2	29.83	8.33	18.51	81.5	5.58	7.6	5.7
HKLR	HY/2011/03	2014-07-09	Mid-Ebb	Sunny	IS8	10:48:37	2.8	Bottom	3	1	28.55	8.14	21.69	73.3	5.04	10.9	3.6
HKLR	HY/2011/03	2014-07-09	Mid-Ebb	Sunny	IS8	10:49:06	2.8	Bottom	3	2	28.56	8.14	22.18	70.8	4.92	10	5.1
HKLR	HY/2011/03	2014-07-09	Mid-Ebb	Sunny	IS(Mf)9	11:07:00	1.0	Surface	1	1	29.75	8.27	19.01	76.4	5.23	10.3	6.1
HKLR	HY/2011/03	2014-07-09	Mid-Ebb	Sunny	IS(Mf)9	11:07:25	1.0	Surface	1	2	29.79	8.28	18.91	76.4	5.23	10	5.6
HKLR	HY/2011/03	2014-07-09	Mid-Ebb	Sunny	IS(Mf)9	11:07:09	2.4	Bottom	3	1	28.76	8.19	21.05	71.1	4.89	8.4	6.2
HKLR	HY/2011/03	2014-07-09	Mid-Ebb	Sunny	IS(Mf)9	11:06:44	2.4	Bottom	3	2	29.13	8.21	20.7	73.7	5.05	7.8	5.3
HKLR	HY/2011/03	2014-07-09	Mid-Ebb	Sunny	IS10	10:50:45	1.0	Surface	1	1	29.64	8.36	14.33	104.2	7.33	2.4	5.5
HKLR	HY/2011/03	2014-07-09	Mid-Ebb	Sunny	IS10	10:49:26	1.0	Surface	1	2	29.59	8.37	14.58	105.1	7.38	2.6	5.4
HKLR	HY/2011/03	2014-07-09	Mid-Ebb	Sunny	IS10	10:48:44	5.3	Middle	2	1	27.37	8.11	24.31	75.3	5.15	6.3	6.4
HKLR	HY/2011/03	2014-07-09	Mid-Ebb	Sunny	IS10	10:50:06	5.3	Middle	2	2	27.36	8.07	25.95	74.2	5.09	6.1	5.5
HKLR	HY/2011/03	2014-07-09	Mid-Ebb	Sunny	IS10	10:48:34	9.6	Bottom	3	1	26.69	8.14	27.98	74.1	5.07	6.4	4.3
HKLR	HY/2011/03	2014-07-09	Mid-Ebb	Sunny	IS10	10:49:50	9.6	Bottom	3	2	27.05	8.13	27.7	71.2	4.85	6.3	5.2
HKLR	HY/2011/03	2014-07-09	Mid-Ebb	Sunny	SR3	11:44:51	0.8	Middle	2	1	30.27	8.4	16.88	98.3	6.74	6.2	6
HKLR	HY/2011/03	2014-07-09	Mid-Ebb	Sunny	SR3	11:44:57	0.8	Middle	2	2	30.29	8.42	16.85	99.1	6.8	6.2	6.8
HKLR	HY/2011/03	2014-07-09	Mid-Ebb	Sunny	SR4	10:56:02	1.0	Surface	1	1	29.88	8.33	18.26	79.7	5.46	7.5	3.6
HKLR	HY/2011/03	2014-07-09	Mid-Ebb	Sunny	SR4	10:56:26	1.0	Surface	1	2	29.85	8.33	18.21	77.9	5.34	8.2	3.1

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-07-09	Mid-Ebb	Sunny	SR4	10:56:12	2.7	Bottom	3	1	28.68	8.17	20.92	72.8	5.01	10.1	4.1
HKLR	HY/2011/03	2014-07-09	Mid-Ebb	Sunny	SR4	10:55:45	2.7	Bottom	3	2	28.35	8.21	22.31	75.7	5.2	9.3	3.4
HKLR	HY/2011/03	2014-07-09	Mid-Ebb	Sunny	SR5	11:04:38	1.0	Surface	1	1	29.34	8.3	17	92.6	6.45	2.6	5.3
HKLR	HY/2011/03	2014-07-09	Mid-Ebb	Sunny	SR5	11:05:46	1.0	Surface	1	2	29.32	8.29	17.01	95.2	6.63	2.5	5.6
HKLR	HY/2011/03	2014-07-09	Mid-Ebb	Sunny	SR5	11:03:33	4.6	Bottom	3	1	27.86	8.14	23.83	75.6	5.19	6.4	5.6
HKLR	HY/2011/03	2014-07-09	Mid-Ebb	Sunny	SR5	11:05:16	4.6	Bottom	3	2	27.9	8.15	24.85	76.2	5.2	6.4	4.8
HKLR	HY/2011/03	2014-07-09	Mid-Ebb	Sunny	SR10A	09:33:20	1.0	Surface	1	1	29.18	8.48	17.64	114.3	7.95	2.6	4.8
HKLR	HY/2011/03	2014-07-09	Mid-Ebb	Sunny	SR10A	09:32:47	1.0	Surface	1	2	29.05	8.47	18.07	112.8	7.84	2.5	4.8
HKLR	HY/2011/03	2014-07-09	Mid-Ebb	Sunny	SR10A	09:33:11	3.3	Middle	2	1	28.77	8.41	19.54	109.6	7.59	2.6	4.9
HKLR	HY/2011/03	2014-07-09	Mid-Ebb	Sunny	SR10A	09:32:38	3.3	Middle	2	2	28.76	8.41	19.49	107.8	7.47	2.5	4.8
HKLR	HY/2011/03	2014-07-09	Mid-Ebb	Sunny	SR10A	09:33:03	5.5	Bottom	3	1	28.73	8.41	19.73	110.9	7.69	2.5	5.1
HKLR	HY/2011/03	2014-07-09	Mid-Ebb	Sunny	SR10A	09:32:27	5.5	Bottom	3	2	28.69	8.4	19.88	108.3	7.5	2.6	5.1
HKLR	HY/2011/03	2014-07-09	Mid-Ebb	Sunny	SR10B	09:17:49	1.0	Surface	1	1	28.17	8.35	20.87	99.2	6.9	3.3	4.8
HKLR	HY/2011/03	2014-07-09	Mid-Ebb	Sunny	SR10B	09:17:35	1.0	Surface	1	2	28.23	8.35	21.34	99.2	6.87	3.2	6
HKLR	HY/2011/03	2014-07-09	Mid-Ebb	Sunny	SR10B	09:17:41	3.8	Bottom	3	1	28.18	8.34	21.75	99.6	6.88	3.2	4.7
HKLR	HY/2011/03	2014-07-09	Mid-Ebb	Sunny	SR10B	09:17:25	3.8	Bottom	3	2	28.07	8.33	22.01	98.5	6.82	3.3	5.6
HKLR	HY/2011/03	2014-07-09	Mid-Ebb	Sunny	CS2	12:05:10	1.0	Surface	1	1	29.85	8.33	15.56	94.2	6.56	2.7	4.7
HKLR	HY/2011/03	2014-07-09	Mid-Ebb	Sunny	CS2	12:04:25	1.0	Surface	1	2	29.99	8.34	15.31	97.4	6.77	2.6	4.9
HKLR	HY/2011/03	2014-07-09	Mid-Ebb	Sunny	CS2	12:04:03	4.0	Middle	2	1	28.31	8.12	23.37	74.2	5.1	4.4	5.1
HKLR	HY/2011/03	2014-07-09	Mid-Ebb	Sunny	CS2	12:04:49	4.0	Middle	2	2	27.4	8.1	23.65	73.6	5.09	4.4	5.5
HKLR	HY/2011/03	2014-07-09	Mid-Ebb	Sunny	CS2	12:04:41	6.9	Bottom	3	1	26.96	8.11	29	72.6	4.99	5.4	5.1
HKLR	HY/2011/03	2014-07-09	Mid-Ebb	Sunny	CS2	12:03:49	6.9	Bottom	3	2	26.94	8.12	29.03	71.2	4.83	5.5	3.7
HKLR	HY/2011/03	2014-07-09	Mid-Ebb	Sunny	CS(Mf)5	10:12:47	1.0	Surface	1	1	29.09	8.34	17.74	88.6	6.17	3.2	3.8
HKLR	HY/2011/03	2014-07-09	Mid-Ebb	Sunny	CS(Mf)5	10:12:00	1.0	Surface	1	2	28.92	8.32	18.03	84.7	5.9	3	3.2
HKLR	HY/2011/03	2014-07-09	Mid-Ebb	Sunny	CS(Mf)5	10:12:33	6.7	Middle	2	1	28.22	8.27	21.44	76	5.26	2.8	4.1
HKLR	HY/2011/03	2014-07-09	Mid-Ebb	Sunny	CS(Mf)5	10:11:49	6.7	Middle	2	2	28.06	8.26	21.77	74.8	5.18	2.7	2.9
HKLR	HY/2011/03	2014-07-09	Mid-Ebb	Sunny	CS(Mf)5	10:11:40	12.3	Bottom	3	1	27.34	8.21	25.25	73.8	5.08	4.5	3.2
HKLR	HY/2011/03	2014-07-09	Mid-Ebb	Sunny	CS(Mf)5	10:12:20	12.3	Bottom	3	2	27.32	8.21	25.15	73.4	5.05	4.3	3.8
HKLR	HY/2011/03	2014-07-09	Mid-Flood	Sunny	IS5	18:03:04	1.0	Surface	1	1	27.26	8.27	27.21	82.7	5.63	4	5.8
HKLR	HY/2011/03	2014-07-09	Mid-Flood	Sunny	IS5	18:03:36	1.0	Surface	1	2	27.27	8.29	27.24	83.9	5.72	3.9	6.3
HKLR	HY/2011/03	2014-07-09	Mid-Flood	Sunny	IS5	18:02:57	1.0	Middle	2	1	27.37	8.28	27.29	83.4	5.67	3.8	4.5
HKLR	HY/2011/03	2014-07-09	Mid-Flood	Sunny	IS5	18:03:28	1.0	Middle	2	2	27.38	8.3	27.31	85.2	5.79	3.7	6.1
HKLR	HY/2011/03	2014-07-09	Mid-Flood	Sunny	IS5	18:16:33	0.9	Bottom	3	1	28	8.32	24.01	87.1	5.96	3	5.5
HKLR	HY/2011/03	2014-07-09	Mid-Flood	Sunny	IS5	18:16:53	0.9	Bottom	3	2	28.12	8.36	23.75	88.6	6.07	3.3	6.3
HKLR	HY/2011/03	2014-07-09	Mid-Flood	Sunny	IS(Mf)6	17:28:40	1.0	Surface	1	1	26.35	8.07	29.15	70.8	4.85	3.7	4.8
HKLR	HY/2011/03	2014-07-09	Mid-Flood	Sunny	IS(Mf)6	17:29:30	1.0	Surface	1	2	26.34	8.09	29.23	72.8	4.98	3.7	5.6
HKLR	HY/2011/03	2014-07-09	Mid-Flood	Sunny	IS(Mf)6	18:03:17	1.0	Bottom	3	1	28.21	8.34	23.94	87.5	5.98	3.3	4.5
HKLR	HY/2011/03	2014-07-09	Mid-Flood	Sunny	IS(Mf)6	18:03:48	1.0	Bottom	3	2	28.07	8.34	23.94	87.1	5.96	3.3	6.4
HKLR	HY/2011/03	2014-07-09	Mid-Flood	Sunny	IS7	17:29:12	1.0	Surface	1	1	30.42	8.77	17.68	113.9	7.76	3.2	6.1
HKLR	HY/2011/03	2014-07-09	Mid-Flood	Sunny	IS7	17:31:01	1.0	Surface	1	2	30.68	8.66	16.95	109.8	7.48	3.4	5.6
HKLR	HY/2011/03	2014-07-09	Mid-Flood	Sunny	IS7	17:30:01	6.6	Bottom	3	1	28.35	8.24	24.57	76.1	5.17	2.6	5.2
HKLR	HY/2011/03	2014-07-09	Mid-Flood	Sunny	IS7	17:29:01	6.6	Bottom	3	2	28.47	8.24	25.37	78	5.26	2.7	4.8
HKLR	HY/2011/03	2014-07-09	Mid-Flood	Sunny	IS8	16:31:27	1.0	Surface	1	1	31.31	8.6	18.29	110.4	7.39	5.8	5.9
HKLR	HY/2011/03	2014-07-09	Mid-Flood	Sunny	IS8	16:31:08	1.0	Surface	1	2	31.16	8.58	18.3	105	7.05	6	4.6
HKLR	HY/2011/03	2014-07-09	Mid-Flood	Sunny	IS8	16:30:59	2.4	Bottom	3	1	30.8	8.52	19.4	104.5	7.01	6.3	5.8
HKLR	HY/2011/03	2014-07-09	Mid-Flood	Sunny	IS8	16:31:15	2.4	Bottom	3	2	31.11	8.57	18.6	107.1	7.18	6	6.3
HKLR	HY/2011/03	2014-07-09	Mid-Flood	Sunny	IS(Mf)9	16:54:33	1.0	Surface	1	1	30.33	8.66	17.2	120.4	8.24	10.1	6.4
HKLR	HY/2011/03	2014-07-09	Mid-Flood	Sunny	IS(Mf)9	16:54:46	1.0	Surface	1	2	30.07	8.59	17.32	114.4	7.86	10.6	6.1
HKLR	HY/2011/03	2014-07-09	Mid-Flood	Sunny	IS(Mf)9	16:54:24	2.6	Bottom	3	1	30.05	8.57	18.78	118.3	8.06	13.1	4.4
HKLR	HY/2011/03	2014-07-09	Mid-Flood	Sunny	IS(Mf)9	16:54:40	2.6	Bottom	3	2	30.02	8.55	19.15	119.4	8.12	13.1	5
HKLR	HY/2011/03	2014-07-09	Mid-Flood	Sunny	IS10	17:24:44	1.0	Surface	1	1	30.47	8.44	15.37	110.9	7.65	4.8	4.7
HKLR	HY/2011/03	2014-07-09	Mid-Flood	Sunny	IS10	17:25:40	1.0	Surface	1	2	30.26	8.42	15.71	110.8	7.65	4.6	6.1
HKLR	HY/2011/03	2014-07-09	Mid-Flood	Sunny	IS10	17:24:25	5.5	Middle	2	1	27.82	8.18	24.75	75.2	5.17	6.8	5
HKLR	HY/2011/03	2014-07-09	Mid-Flood	Sunny	IS10	17:25:18	5.5	Middle	2	2	27.57	8.17	25.06	74.1	5.12	6.7	5.9
HKLR	HY/2011/03	2014-07-09	Mid-Flood	Sunny	IS10	17:24:14	9.9	Bottom	3	1	26.27	8.18	28.5	73.8	5.12	6.7	5
HKLR	HY/2011/03	2014-07-09	Mid-Flood	Sunny	IS10	17:25:07	9.9	Bottom	3	2	26.27	8.17	28.49	72.8	5	6.8	5.4

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-07-09	Mid-Flood	Sunny	SR3	18:16:21	3.7	Middle	2	1	27.47	8.31	27.19	87.4	5.93	3.4	6.3
HKLR	HY/2011/03	2014-07-09	Mid-Flood	Sunny	SR3	18:16:41	3.7	Middle	2	2	27.49	8.3	27.17	84.7	5.75	3.5	6.1
HKLR	HY/2011/03	2014-07-09	Mid-Flood	Sunny	SR4	16:43:08	1.0	Surface	1	1	30.12	8.62	17.36	116.1	7.96	11	6.2
HKLR	HY/2011/03	2014-07-09	Mid-Flood	Sunny	SR4	16:43:23	1.0	Surface	1	2	30.14	8.62	17.32	116.6	7.99	10.4	6.6
HKLR	HY/2011/03	2014-07-09	Mid-Flood	Sunny	SR4	16:43:16	2.3	Bottom	3	1	29.98	8.56	18.48	116.9	7.98	11.5	7.4
HKLR	HY/2011/03	2014-07-09	Mid-Flood	Sunny	SR4	16:43:00	2.3	Bottom	3	2	30	8.57	18.67	114.2	7.8	12.5	7.5
HKLR	HY/2011/03	2014-07-09	Mid-Flood	Sunny	SR5	17:14:43	1.0	Surface	1	1	29.91	8.4	16.51	110.8	7.66	3.7	6.6
HKLR	HY/2011/03	2014-07-09	Mid-Flood	Sunny	SR5	17:14:13	1.0	Surface	1	2	29.86	8.39	16.94	110	7.6	3.7	6
HKLR	HY/2011/03	2014-07-09	Mid-Flood	Sunny	SR5	17:14:23	3.9	Bottom	3	1	28.29	8.3	22.1	99.1	6.83	5.4	7.1
HKLR	HY/2011/03	2014-07-09	Mid-Flood	Sunny	SR5	17:13:54	3.9	Bottom	3	2	28.27	8.3	22.11	98.2	6.77	5.2	6.1
HKLR	HY/2011/03	2014-07-09	Mid-Flood	Sunny	SR10A	16:07:55	1.0	Surface	1	1	29.43	8.16	22.04	78.4	5.31	10	5
HKLR	HY/2011/03	2014-07-09	Mid-Flood	Sunny	SR10A	16:07:21	1.0	Surface	1	2	29.35	8.18	22.1	75.5	5.09	10.6	5.4
HKLR	HY/2011/03	2014-07-09	Mid-Flood	Sunny	SR10A	16:07:46	1	Middle	2	1	28.3	8.11	25.14	75	5.08	9.6	6.3
HKLR	HY/2011/03	2014-07-09	Mid-Flood	Sunny	SR10A	16:07:03	1	Middle	2	2	28.44	8.12	24.72	70.8	4.8	9.7	5.3
HKLR	HY/2011/03	2014-07-09	Mid-Flood	Sunny	SR10A	16:18:14	1	Bottom	3	1	30.44	8.45	19.31	109	7.36	11.8	6
HKLR	HY/2011/03	2014-07-09	Mid-Flood	Sunny	SR10A	16:17:56	1	Bottom	3	2	30.38	8.43	19.22	105.6	7.14	10.4	6.5
HKLR	HY/2011/03	2014-07-09	Mid-Flood	Sunny	SR10B	15:54:18	1.0	Surface	1	1	31.43	8.61	18.17	143.9	9.61	5.6	5.8
HKLR	HY/2011/03	2014-07-09	Mid-Flood	Sunny	SR10B	15:54:10	1.0	Surface	1	2	31.34	8.6	18.25	142.7	9.55	5.8	5.9
HKLR	HY/2011/03	2014-07-09	Mid-Flood	Sunny	SR10B	16:07:32	1.0	Bottom	3	1	31.32	8.51	18.35	97	6.48	8.2	5.8
HKLR	HY/2011/03	2014-07-09	Mid-Flood	Sunny	SR10B	16:08:07	1.0	Bottom	3	2	30.95	8.47	18.8	92.7	6.22	8.1	5.9
HKLR	HY/2011/03	2014-07-09	Mid-Flood	Sunny	CS2	15:56:56	1.0	Surface	1	1	31.13	8.47	12.93	119.5	8.26	5.1	6.5
HKLR	HY/2011/03	2014-07-09	Mid-Flood	Sunny	CS2	15:57:40	1.0	Surface	1	2	30.83	8.45	13.06	115.9	8.04	5.4	6.7
HKLR	HY/2011/03	2014-07-09	Mid-Flood	Sunny	CS2	15:57:28	4.2	Middle	2	1	30.43	8.31	15.72	82.6	5.69	5.2	5.9
HKLR	HY/2011/03	2014-07-09	Mid-Flood	Sunny	CS2	15:56:42	4.2	Middle	2	2	29.35	8.26	15.76	78.9	5.53	5.5	6.2
HKLR	HY/2011/03	2014-07-09	Mid-Flood	Sunny	CS2	15:56:21	7.3	Bottom	3	1	28.06	8.18	23.8	75.2	5.15	5.3	5.6
HKLR	HY/2011/03	2014-07-09	Mid-Flood	Sunny	CS2	15:57:19	7.3	Bottom	3	2	28	8.2	23.81	78	5.35	5.5	6.2
HKLR	HY/2011/03	2014-07-09	Mid-Flood	Sunny	CS(Mf)5	16:18:03	1.0	Surface	1	1	30.27	8.39	20.63	107.7	7.24	13.3	6.3
HKLR	HY/2011/03	2014-07-09	Mid-Flood	Sunny	CS(Mf)5	16:17:47	1.0	Surface	1	2	30.19	8.37	20.85	111.6	7.5	12.9	7
HKLR	HY/2011/03	2014-07-09	Mid-Flood	Sunny	CS(Mf)5	16:25:03	1.6	Middle	2	1	30.64	8.52	18.82	111.2	7.5	8.9	6.3
HKLR	HY/2011/03	2014-07-09	Mid-Flood	Sunny	CS(Mf)5	16:24:48	1.6	Middle	2	2	30.77	8.54	18.75	113.4	7.64	9.3	7
HKLR	HY/2011/03	2014-07-09	Mid-Flood	Sunny	CS(Mf)5	16:24:41	2.1	Bottom	3	1	30.35	8.45	19.95	112.3	7.57	13.5	6.9
HKLR	HY/2011/03	2014-07-09	Mid-Flood	Sunny	CS(Mf)5	16:24:56	2.1	Bottom	3	2	29.7	8.4	20.72	110	7.46	12.8	6.4
HKLR	HY/2011/03	2014-07-11	Mid-Ebb	Sunny	IS5	12:13:37	1.0	Surface	1	1	29.37	8.28	20.99	82.4	5.59	8.9	6.2
HKLR	HY/2011/03	2014-07-11	Mid-Ebb	Sunny	IS5	12:12:47	1.0	Surface	1	2	29.47	8.3	20.71	82.1	5.59	8.4	6.6
HKLR	HY/2011/03	2014-07-11	Mid-Ebb	Sunny	IS5	12:12:26	4.2	Middle	2	1	28.53	8.15	22.63	79.7	5.41	10	6
HKLR	HY/2011/03	2014-07-11	Mid-Ebb	Sunny	IS5	12:13:11	4.2	Middle	2	2	28.06	8.11	24.34	79.1	5.39	10.7	5.8
HKLR	HY/2011/03	2014-07-11	Mid-Ebb	Sunny	IS5	12:12:59	7.4	Bottom	3	1	28.06	8.14	24.5	70.6	4.82	9.8	6.7
HKLR	HY/2011/03	2014-07-11	Mid-Ebb	Sunny	IS5	12:12:15	7.4	Bottom	3	2	28.67	8.18	24.31	73.4	4.96	9.9	5.3
HKLR	HY/2011/03	2014-07-11	Mid-Ebb	Sunny	IS(Mf)6	12:00:03	1.0	Surface	1	1	29.34	8.27	20.71	79.6	5.43	9	5.9
HKLR	HY/2011/03	2014-07-11	Mid-Ebb	Sunny	IS(Mf)6	11:59:42	1.0	Surface	1	2	29.15	8.21	21.01	80.8	5.52	8.9	5.8
HKLR	HY/2011/03	2014-07-11	Mid-Ebb	Sunny	IS(Mf)6	11:59:32	2.0	Bottom	3	1	29.01	8.19	21.52	75.5	5.15	9.8	5.2
HKLR	HY/2011/03	2014-07-11	Mid-Ebb	Sunny	IS(Mf)6	11:59:49	2.0	Bottom	3	2	29	8.18	21.42	73.5	5.02	10.6	5.8
HKLR	HY/2011/03	2014-07-11	Mid-Ebb	Sunny	IS7	11:53:25	1.0	Surface	1	1	29.26	8.27	19.8	83.8	5.75	8.7	5
HKLR	HY/2011/03	2014-07-11	Mid-Ebb	Sunny	IS7	11:54:13	1.0	Surface	1	2	29.33	8.27	20.34	82.5	5.64	9.6	5.3
HKLR	HY/2011/03	2014-07-11	Mid-Ebb	Sunny	IS7	11:53:16	2.2	Bottom	3	1	29.26	8.25	21.2	85.7	5.84	10.4	5
HKLR	HY/2011/03	2014-07-11	Mid-Ebb	Sunny	IS7	11:53:59	2.2	Bottom	3	2	29.2	8.15	21.25	79.9	5.44	11.1	4
HKLR	HY/2011/03	2014-07-11	Mid-Ebb	Sunny	IS8	11:27:20	1.0	Surface	1	1	29.62	8.37	19.54	91.3	6.24	9.3	5
HKLR	HY/2011/03	2014-07-11	Mid-Ebb	Sunny	IS8	11:27:42	1.0	Surface	1	2	29.65	8.38	19.86	96.5	6.58	8.9	3.5
HKLR	HY/2011/03	2014-07-11	Mid-Ebb	Sunny	IS8	11:27:28	2.7	Bottom	3	1	28.77	8.24	21.72	87.6	6	11	6.1
HKLR	HY/2011/03	2014-07-11	Mid-Ebb	Sunny	IS8	11:27:11	2.7	Bottom	3	2	29.16	8.25	21.51	88.9	6.06	10.4	6.1
HKLR	HY/2011/03	2014-07-11	Mid-Ebb	Sunny	IS(Mf)9	11:47:00	1.0	Surface	1	1	29.56	8.34	19.5	90.9	6.22	9.8	4.5
HKLR	HY/2011/03	2014-07-11	Mid-Ebb	Sunny	IS(Mf)9	11:47:16	1.0	Surface	1	2	29.43	8.32	19.65	88.3	6.05	10.6	4.4
HKLR	HY/2011/03	2014-07-11	Mid-Ebb	Sunny	IS(Mf)9	11:46:49	2.3	Bottom	3	1	29.15	8.23	20.99	87.7	5.99	10.8	5.1
HKLR	HY/2011/03	2014-07-11	Mid-Ebb	Sunny	IS(Mf)9	11:47:08	2.3	Bottom	3	2	29.33	8.27	21.5	90.8	6.17	11.3	4.2
HKLR	HY/2011/03	2014-07-11	Mid-Ebb	Sunny	IS10	12:09:31	1.0	Surface	1	1	29.1	8.1	17.88	80.5	5.6	4.5	6.1
HKLR	HY/2011/03	2014-07-11	Mid-Ebb	Sunny	IS10	12:10:13	1.0	Surface	1	2	29.19	8.12	17.58	81	5.63	4.5	6.2

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-07-11	Mid-Ebb	Sunny	IS10	12:09:57	5.4	Middle	2	1	28.59	8.06	19.77	76.3	5.23	8.5	7
HKLR	HY/2011/03	2014-07-11	Mid-Ebb	Sunny	IS10	12:09:16	5.4	Middle	2	2	28.64	8.05	19.78	73.4	5.04	8.7	6.7
HKLR	HY/2011/03	2014-07-11	Mid-Ebb	Sunny	IS10	12:08:53	9.7	Bottom	3	1	28.14	8.02	23.08	70.5	4.89	8.5	6
HKLR	HY/2011/03	2014-07-11	Mid-Ebb	Sunny	IS10	12:09:44	9.7	Bottom	3	2	28.21	8.04	23.26	69.9	4.85	8.5	7
HKLR	HY/2011/03	2014-07-11	Mid-Ebb	Sunny	SR3	12:23:38	0.7	Middle	2	1	29.41	8.3	20.94	88.5	6.02	8	5.5
HKLR	HY/2011/03	2014-07-11	Mid-Ebb	Sunny	SR3	12:23:32	0.7	Middle	2	2	29.43	8.3	20.89	88.8	6.04	7.8	4.8
HKLR	HY/2011/03	2014-07-11	Mid-Ebb	Sunny	SR4	11:35:57	1.0	Surface	1	1	29.6	8.37	19.99	94	6.41	8.4	5.4
HKLR	HY/2011/03	2014-07-11	Mid-Ebb	Sunny	SR4	11:35:29	1.0	Surface	1	2	29.52	8.34	19.85	90.2	6.16	7.9	5.6
HKLR	HY/2011/03	2014-07-11	Mid-Ebb	Sunny	SR4	11:35:21	2.7	Bottom	3	1	29.32	8.3	21.4	83.5	5.41	10.3	5.1
HKLR	HY/2011/03	2014-07-11	Mid-Ebb	Sunny	SR4	11:35:41	2.7	Bottom	3	2	28.96	8.22	21.66	81	5.53	9.6	5
HKLR	HY/2011/03	2014-07-11	Mid-Ebb	Sunny	SR5	12:16:32	1.0	Surface	1	1	29.03	8.14	17.74	84.8	5.91	2.6	5.3
HKLR	HY/2011/03	2014-07-11	Mid-Ebb	Sunny	SR5	12:16:15	1.0	Surface	1	2	29.05	8.14	17.82	85	5.92	2.6	3.8
HKLR	HY/2011/03	2014-07-11	Mid-Ebb	Sunny	SR5	12:16:06	4.1	Bottom	3	1	29.05	8.12	19.2	85.1	5.89	2.7	5.7
HKLR	HY/2011/03	2014-07-11	Mid-Ebb	Sunny	SR5	12:16:23	4.1	Bottom	3	2	28.91	8.12	19.27	85.5	5.92	2.7	6
HKLR	HY/2011/03	2014-07-11	Mid-Ebb	Sunny	SR10A	10:06:08	1.0	Surface	1	1	28.4	8.31	21.98	89.6	6.17	3.3	5.4
HKLR	HY/2011/03	2014-07-11	Mid-Ebb	Sunny	SR10A	10:06:37	1.0	Surface	1	2	28.34	8.31	22.06	90.1	6.2	3.1	5.4
HKLR	HY/2011/03	2014-07-11	Mid-Ebb	Sunny	SR10A	10:06:25	3.4	Middle	2	1	28	8.27	23	86.2	5.94	3.7	5.5
HKLR	HY/2011/03	2014-07-11	Mid-Ebb	Sunny	SR10A	10:05:57	3.4	Middle	2	2	28.07	8.28	22.77	85.1	5.87	3.8	3.9
HKLR	HY/2011/03	2014-07-11	Mid-Ebb	Sunny	SR10A	10:06:16	5.7	Bottom	3	1	28.07	8.28	23.33	88.6	6.09	4.4	6.8
HKLR	HY/2011/03	2014-07-11	Mid-Ebb	Sunny	SR10A	10:05:47	5.7	Bottom	3	2	27.91	8.26	23.26	84.7	5.83	4.3	6.5
HKLR	HY/2011/03	2014-07-11	Mid-Ebb	Sunny	SR10B	09:50:31	1.0	Surface	1	1	27.67	8.21	24.06	79.4	5.47	5.5	6.4
HKLR	HY/2011/03	2014-07-11	Mid-Ebb	Sunny	SR10B	09:50:48	1.0	Surface	1	2	27.65	8.22	24.12	79	5.44	5.4	5.2
HKLR	HY/2011/03	2014-07-11	Mid-Ebb	Sunny	SR10B	09:50:24	4.3	Bottom	3	1	27.66	8.21	24.11	79.6	5.48	5.8	5.4
HKLR	HY/2011/03	2014-07-11	Mid-Ebb	Sunny	SR10B	09:50:40	4.3	Bottom	3	2	27.62	8.22	24.27	79	5.44	5.5	4.6
HKLR	HY/2011/03	2014-07-11	Mid-Ebb	Sunny	CS2	13:32:01	1.0	Surface	1	1	29.22	8.09	17.89	74.8	5.2	3.3	5.6
HKLR	HY/2011/03	2014-07-11	Mid-Ebb	Sunny	CS2	13:31:26	1.0	Surface	1	2	29.04	8.09	18.28	72.5	5.04	3.1	4.2
HKLR	HY/2011/03	2014-07-11	Mid-Ebb	Sunny	CS2	13:31:47	4.0	Middle	2	1	28.69	8.06	19.74	73.1	5.11	5.1	4.6
HKLR	HY/2011/03	2014-07-11	Mid-Ebb	Sunny	CS2	13:31:08	4.0	Middle	2	2	28.4	8.04	20.95	72.1	5.01	5.2	5.6
HKLR	HY/2011/03	2014-07-11	Mid-Ebb	Sunny	CS2	13:30:52	7.0	Bottom	3	1	28.31	8.05	21.52	68.2	4.71	5.2	5.2
HKLR	HY/2011/03	2014-07-11	Mid-Ebb	Sunny	CS2	13:31:35	7.0	Bottom	3	2	28.6	8.06	21.02	71.6	4.94	5.1	5.6
HKLR	HY/2011/03	2014-07-11	Mid-Ebb	Sunny	CS(Mf)5	10:48:20	1.0	Surface	1	1	28.75	8.18	19.71	75.3	5.21	9.3	4.8
HKLR	HY/2011/03	2014-07-11	Mid-Ebb	Sunny	CS(Mf)5	10:47:35	1.0	Surface	1	2	28.65	8.19	20.18	75.2	5.2	8.4	5.4
HKLR	HY/2011/03	2014-07-11	Mid-Ebb	Sunny	CS(Mf)5	10:47:20	6.8	Middle	2	1	28.54	8.21	20.99	75	5.18	6.7	6.4
HKLR	HY/2011/03	2014-07-11	Mid-Ebb	Sunny	CS(Mf)5	10:48:03	6.8	Middle	2	2	28.56	8.21	20.85	74.1	5.12	7.2	6.2
HKLR	HY/2011/03	2014-07-11	Mid-Ebb	Sunny	CS(Mf)5	10:47:00	12.6	Bottom	3	1	28.06	8.16	22.72	70.3	4.84	7.3	6.2
HKLR	HY/2011/03	2014-07-11	Mid-Ebb	Sunny	CS(Mf)5	10:47:46	12.6	Bottom	3	2	28.01	8.16	23.63	71.1	4.88	8	5.8
HKLR	HY/2011/03	2014-07-11	Mid-Flood	Sunny	IS5	17:51:29	1.0	Surface	1	1	30.35	8.57	20	120.4	8.11	9.5	4.8
HKLR	HY/2011/03	2014-07-11	Mid-Flood	Sunny	IS5	17:52:16	1.0	Surface	1	2	30.47	8.58	19.87	125.5	8.44	9	5.6
HKLR	HY/2011/03	2014-07-11	Mid-Flood	Sunny	IS5	17:51:20	4.3	Middle	2	1	29.9	8.5	20.51	109	7.37	12.1	6.6
HKLR	HY/2011/03	2014-07-11	Mid-Flood	Sunny	IS5	17:52:05	4.3	Middle	2	2	29.97	8.51	20.46	114.1	7.71	12	5.6
HKLR	HY/2011/03	2014-07-11	Mid-Flood	Sunny	IS5	17:51:12	7.6	Bottom	3	1	29.57	8.43	21.1	104.2	7.06	13.4	5.5
HKLR	HY/2011/03	2014-07-11	Mid-Flood	Sunny	IS5	17:51:59	7.6	Bottom	3	2	29.75	8.47	20.78	110.8	7.51	12.7	6.7
HKLR	HY/2011/03	2014-07-11	Mid-Flood	Sunny	IS(Mf)6	18:02:00	1.0	Surface	1	1	29.56	8.37	20.92	92.8	6.3	7.4	5.4
HKLR	HY/2011/03	2014-07-11	Mid-Flood	Sunny	IS(Mf)6	18:02:16	1.0	Surface	1	2	29.46	8.35	21.12	92.2	6.26	7.8	6.9
HKLR	HY/2011/03	2014-07-11	Mid-Flood	Sunny	IS(Mf)6	18:01:52	2.0	Bottom	3	1	29.25	8.29	21.51	91.9	6.25	9	5.4
HKLR	HY/2011/03	2014-07-11	Mid-Flood	Sunny	IS(Mf)6	18:02:07	2.0	Bottom	3	2	29.31	8.31	21.51	93.4	6.35	8.5	5.8
HKLR	HY/2011/03	2014-07-11	Mid-Flood	Sunny	IS7	18:08:28	1.0	Surface	1	1	30.28	8.54	19.97	122.5	8.26	8.4	5.2
HKLR	HY/2011/03	2014-07-11	Mid-Flood	Sunny	IS7	18:08:45	1.0	Surface	1	2	30.55	8.59	19.73	133	8.94	8.1	5.2
HKLR	HY/2011/03	2014-07-11	Mid-Flood	Sunny	IS7	18:08:35	2.2	Bottom	3	1	30.17	8.54	20.2	126.7	8.54	9.2	6.3
HKLR	HY/2011/03	2014-07-11	Mid-Flood	Sunny	IS7	18:08:20	2.2	Bottom	3	2	29.91	8.48	20.64	119.3	8.06	9.8	6.2
HKLR	HY/2011/03	2014-07-11	Mid-Flood	Sunny	IS8	18:39:26	1.0	Surface	1	1	29.48	8.37	19.23	93.9	6.44	9.9	5.4
HKLR	HY/2011/03	2014-07-11	Mid-Flood	Sunny	IS8	18:39:41	1.0	Surface	1	2	29.47	8.37	19.23	94	6.45	9.1	6.4
HKLR	HY/2011/03	2014-07-11	Mid-Flood	Sunny	IS8	18:39:15	2.6	Bottom	3	1	29.3	8.3	21.08	95	6.47	12.3	7.2
HKLR	HY/2011/03	2014-07-11	Mid-Flood	Sunny	IS8	18:39:33	2.6	Bottom	3	2	29.42	8.36	20.11	96.8	6.62	12.8	7.4
HKLR	HY/2011/03	2014-07-11	Mid-Flood	Sunny	IS(Mf)9	18:16:16	1.0	Surface	1	1	30.13	8.53	20.21	124.5	8.4	9.4	6
HKLR	HY/2011/03	2014-07-11	Mid-Flood	Sunny	IS(Mf)9	18:16:00	1.0	Surface	1	2	30.25	8.56	19.99	127.5	8.6	8.6	6.4

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-07-11	Mid-Flood	Sunny	IS(Mf)9	18:16:08	2.2	Bottom	3	1	30.03	8.52	20.31	126.4	8.54	9.5	7.4
HKLR	HY/2011/03	2014-07-11	Mid-Flood	Sunny	IS(Mf)9	18:15:52	2.2	Bottom	3	2	30.06	8.52	20.3	127.8	8.63	9.4	6.9
HKLR	HY/2011/03	2014-07-11	Mid-Flood	Sunny	IS10	19:03:52	1.0	Surface	1	1	29.67	8.09	15.05	79.6	5.57	7.9	6.4
HKLR	HY/2011/03	2014-07-11	Mid-Flood	Sunny	IS10	19:03:24	1.0	Surface	1	2	29.6	8.1	15.18	80.1	5.61	7.9	6.5
HKLR	HY/2011/03	2014-07-11	Mid-Flood	Sunny	IS10	19:03:14	5.3	Middle	2	1	29.14	8.07	18.23	78	5.41	8.8	6.3
HKLR	HY/2011/03	2014-07-11	Mid-Flood	Sunny	IS10	19:03:41	5.3	Middle	2	2	28.82	8.06	18.48	78	5.43	8.6	6.5
HKLR	HY/2011/03	2014-07-11	Mid-Flood	Sunny	IS10	19:03:03	9.6	Bottom	3	1	28.8	8	22.59	77.8	5.3	8.7	6.6
HKLR	HY/2011/03	2014-07-11	Mid-Flood	Sunny	IS10	19:03:34	9.6	Bottom	3	2	28.49	8.02	22.82	79.7	5.45	8.9	7.1
HKLR	HY/2011/03	2014-07-11	Mid-Flood	Sunny	SR3	17:36:17	0.8	Middle	2	1	30.28	8.54	20.1	125.3	8.44	7.8	7.5
HKLR	HY/2011/03	2014-07-11	Mid-Flood	Sunny	SR3	17:36:23	0.8	Middle	2	2	30.42	8.56	19.94	128	8.61	7.4	6.8
HKLR	HY/2011/03	2014-07-11	Mid-Flood	Sunny	SR4	18:31:00	1.0	Surface	1	1	29.5	8.36	19.27	97.3	6.67	9.5	5.1
HKLR	HY/2011/03	2014-07-11	Mid-Flood	Sunny	SR4	18:31:16	1.0	Surface	1	2	29.45	8.36	19.22	96.8	6.64	9.1	4.1
HKLR	HY/2011/03	2014-07-11	Mid-Flood	Sunny	SR4	18:30:50	2.6	Bottom	3	1	29.45	8.33	19.69	97	6.64	12.2	5.2
HKLR	HY/2011/03	2014-07-11	Mid-Flood	Sunny	SR4	18:31:09	2.6	Bottom	3	2	29.39	8.33	20.52	98.1	6.69	11.8	4.7
HKLR	HY/2011/03	2014-07-11	Mid-Flood	Sunny	SR5	18:53:32	1.0	Surface	1	1	29.73	8	15.13	79.9	5.58	7	5.3
HKLR	HY/2011/03	2014-07-11	Mid-Flood	Sunny	SR5	18:53:16	1.0	Surface	1	2	29.72	8	15.12	80.2	5.61	7.3	5.2
HKLR	HY/2011/03	2014-07-11	Mid-Flood	Sunny	SR5	18:53:23	4.0	Bottom	3	1	29.72	7.99	15.94	79.5	5.53	7.3	5.9
HKLR	HY/2011/03	2014-07-11	Mid-Flood	Sunny	SR5	18:53:08	4.0	Bottom	3	2	29.73	7.99	16.03	79.9	5.55	7.2	5.7
HKLR	HY/2011/03	2014-07-11	Mid-Flood	Sunny	SR10A	19:54:07	1.0	Surface	1	1	27.7	8.22	24.05	84	6.01	7.4	5.5
HKLR	HY/2011/03	2014-07-11	Mid-Flood	Sunny	SR10A	19:54:37	1.0	Surface	1	2	27.82	8.23	23.95	82.4	5.92	7	6.9
HKLR	HY/2011/03	2014-07-11	Mid-Flood	Sunny	SR10A	19:54:25	3.5	Middle	2	1	27.4	8.23	25.59	75	5.27	10.6	6
HKLR	HY/2011/03	2014-07-11	Mid-Flood	Sunny	SR10A	19:53:57	3.5	Middle	2	2	27.35	8.23	25.72	79.6	5.57	10.8	6.3
HKLR	HY/2011/03	2014-07-11	Mid-Flood	Sunny	SR10A	19:54:18	5.9	Bottom	3	1	27.43	8.23	25.67	72.4	5.07	9.5	5.9
HKLR	HY/2011/03	2014-07-11	Mid-Flood	Sunny	SR10A	19:53:46	5.9	Bottom	3	2	27.16	8.21	26.24	73.6	5.19	10.4	5.1
HKLR	HY/2011/03	2014-07-11	Mid-Flood	Sunny	SR10B	20:06:57	1.0	Surface	1	1	27.54	8.23	24.97	81.1	6.05	7.8	3.8
HKLR	HY/2011/03	2014-07-11	Mid-Flood	Sunny	SR10B	20:07:19	1.0	Surface	1	2	27.48	8.23	24.89	80.5	6.03	8.2	4.6
HKLR	HY/2011/03	2014-07-11	Mid-Flood	Sunny	SR10B	20:06:46	4.5	Bottom	3	1	27.37	8.23	25.87	80	5.85	8.9	6.4
HKLR	HY/2011/03	2014-07-11	Mid-Flood	Sunny	SR10B	20:07:08	4.5	Bottom	3	2	27.07	8.22	26.66	80.2	5.86	9.3	6.2
HKLR	HY/2011/03	2014-07-11	Mid-Flood	Sunny	CS2	17:36:43	1.0	Surface	1	1	29.89	7.87	14.04	72.5	5.11	7.4	5.7
HKLR	HY/2011/03	2014-07-11	Mid-Flood	Sunny	CS2	17:37:11	1.0	Surface	1	2	29.67	7.87	14.47	73.1	5.13	7.4	5.5
HKLR	HY/2011/03	2014-07-11	Mid-Flood	Sunny	CS2	17:37:03	4.0	Middle	2	1	29.48	7.86	15.02	71.8	5.03	7.9	5.5
HKLR	HY/2011/03	2014-07-11	Mid-Flood	Sunny	CS2	17:36:26	4.0	Middle	2	2	29.55	7.86	14.92	71.4	5.01	7.7	6
HKLR	HY/2011/03	2014-07-11	Mid-Flood	Sunny	CS2	17:36:08	6.9	Bottom	3	1	29.45	7.85	15.23	67	4.7	7.8	6.3
HKLR	HY/2011/03	2014-07-11	Mid-Flood	Sunny	CS2	17:36:57	6.9	Bottom	3	2	29.47	7.85	15.13	66.9	4.7	7.9	6.7
HKLR	HY/2011/03	2014-07-11	Mid-Flood	Sunny	CS(Mf)5	19:17:18	1.0	Surface	1	1	28.51	8.26	21.67	79	5.41	5.7	5
HKLR	HY/2011/03	2014-07-11	Mid-Flood	Sunny	CS(Mf)5	19:18:17	1.0	Surface	1	2	28.49	8.26	21.76	77.1	5.3	5.2	4.6
HKLR	HY/2011/03	2014-07-11	Mid-Flood	Sunny	CS(Mf)5	19:17:46	7	Middle	2	1	27.92	8.2	23.25	73.1	5.03	5.6	5.4
HKLR	HY/2011/03	2014-07-11	Mid-Flood	Sunny	CS(Mf)5	19:16:54	7	Middle	2	2	28.12	8.21	22.74	73.3	5.04	5.7	5.3
HKLR	HY/2011/03	2014-07-11	Mid-Flood	Sunny	CS(Mf)5	19:16:44	12.9	Bottom	3	1	28.02	8.2	23.57	71.7	4.92	5.4	6.3
HKLR	HY/2011/03	2014-07-11	Mid-Flood	Sunny	CS(Mf)5	19:17:35	12.9	Bottom	3	2	27.69	8.19	24.53	72	4.94	5.6	6
HKLR	HY/2011/03	2014-07-14	Mid-Ebb	Sunny	IS5	13:10:34	1.0	Surface	1	1	29.12	7.95	20.58	71.2	5.29	13.2	4.8
HKLR	HY/2011/03	2014-07-14	Mid-Ebb	Sunny	IS5	13:11:14	1.0	Surface	1	2	29.24	7.95	20.38	73	5.41	13.9	4.5
HKLR	HY/2011/03	2014-07-14	Mid-Ebb	Sunny	IS5	13:10:58	4.4	Middle	2	1	28.71	7.93	21.16	69.5	5.15	14.7	4.1
HKLR	HY/2011/03	2014-07-14	Mid-Ebb	Sunny	IS5	13:10:25	4.4	Middle	2	2	28.86	7.94	21.09	71	5.24	14.3	3.8
HKLR	HY/2011/03	2014-07-14	Mid-Ebb	Sunny	IS5	13:10:51	7.7	Bottom	3	1	28.67	7.92	22.99	67	5.01	14.8	5
HKLR	HY/2011/03	2014-07-14	Mid-Ebb	Sunny	IS5	13:10:14	7.7	Bottom	3	2	28.85	7.92	22.83	68.3	5.09	14.6	4.7
HKLR	HY/2011/03	2014-07-14	Mid-Ebb	Sunny	IS(Mf)6	13:18:58	1.0	Surface	1	1	29.65	7.98	19.9	82.6	6.05	10.2	4.5
HKLR	HY/2011/03	2014-07-14	Mid-Ebb	Sunny	IS(Mf)6	13:18:41	1.0	Surface	1	2	29.84	7.98	19.85	83.9	6.12	10.2	4.4
HKLR	HY/2011/03	2014-07-14	Mid-Ebb	Sunny	IS(Mf)6	13:18:32	2.2	Bottom	3	1	29.71	7.97	19.92	84.3	6.15	10.6	4
HKLR	HY/2011/03	2014-07-14	Mid-Ebb	Sunny	IS(Mf)6	13:18:50	2.2	Bottom	3	2	29.54	7.96	20.07	81.9	6	10.4	4.4
HKLR	HY/2011/03	2014-07-14	Mid-Ebb	Sunny	IS7	13:24:58	1.0	Surface	1	1	29.9	8.02	18.04	73.9	5.07	5.2	3.9
HKLR	HY/2011/03	2014-07-14	Mid-Ebb	Sunny	IS7	13:24:44	1.0	Surface	1	2	29.76	8.02	18.11	74.3	5.1	5.1	4.1
HKLR	HY/2011/03	2014-07-14	Mid-Ebb	Sunny	IS7	13:24:37	2.2	Bottom	3	1	29.78	8.01	19.42	75	5.12	5.1	4.1
HKLR	HY/2011/03	2014-07-14	Mid-Ebb	Sunny	IS7	13:24:50	2.2	Bottom	3	2	29.65	8	19.52	73.6	5.03	5.3	3.7
HKLR	HY/2011/03	2014-07-14	Mid-Ebb	Sunny	IS8	13:48:44	1.0	Surface	1	1	30.08	8.02	18.73	75.3	5.13	8.5	4.6
HKLR	HY/2011/03	2014-07-14	Mid-Ebb	Sunny	IS8	13:48:19	1.0	Surface	1	2	29.85	8.01	18.95	74.1	5.04	8.2	3.7

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-07-14	Mid-Ebb	Sunny	IS8	13:48:11	2.8	Bottom	3	1	29.68	7.99	20.23	72.9	4.98	8.4	5
HKLR	HY/2011/03	2014-07-14	Mid-Ebb	Sunny	IS8	13:48:28	2.8	Bottom	3	2	29.75	7.99	19.81	73.2	4.98	8.8	4.7
HKLR	HY/2011/03	2014-07-14	Mid-Ebb	Sunny	IS(Mf)9	13:32:42	1.0	Surface	1	1	30.04	8.07	18.46	75	5.12	7.2	4.6
HKLR	HY/2011/03	2014-07-14	Mid-Ebb	Sunny	IS(Mf)9	13:33:22	1.0	Surface	1	2	30.01	8.06	18.47	76.8	5.24	7.3	4
HKLR	HY/2011/03	2014-07-14	Mid-Ebb	Sunny	IS(Mf)9	13:33:07	2.7	Bottom	3	1	29.43	7.94	19.54	74.7	5.11	7.3	4.1
HKLR	HY/2011/03	2014-07-14	Mid-Ebb	Sunny	IS(Mf)9	13:32:30	2.7	Bottom	3	2	29.44	7.98	19.78	75.2	5.13	7.5	4.2
HKLR	HY/2011/03	2014-07-14	Mid-Ebb	Sunny	IS10	14:07:25	1.0	Surface	1	1	29.47	7.91	17.5	75.8	5.25	8.7	4.9
HKLR	HY/2011/03	2014-07-14	Mid-Ebb	Sunny	IS10	14:08:08	1.0	Surface	1	2	29.67	7.91	17.44	78.5	5.42	8.4	4.4
HKLR	HY/2011/03	2014-07-14	Mid-Ebb	Sunny	IS10	14:07:55	5.1	Middle	2	1	28.82	7.88	19.44	72.7	5.03	10.4	4.4
HKLR	HY/2011/03	2014-07-14	Mid-Ebb	Sunny	IS10	14:07:15	5.1	Middle	2	2	28.82	7.89	19.42	72.4	5.02	10.2	4.4
HKLR	HY/2011/03	2014-07-14	Mid-Ebb	Sunny	IS10	14:07:00	9.1	Bottom	3	1	28.82	7.89	19.47	75.7	5.24	11.1	3.4
HKLR	HY/2011/03	2014-07-14	Mid-Ebb	Sunny	IS10	14:07:45	9.1	Bottom	3	2	28.83	7.88	19.48	74.9	5.19	10.5	5.4
HKLR	HY/2011/03	2014-07-14	Mid-Ebb	Sunny	SR3	13:01:31	0.7	Middle	2	1	29.25	7.95	20.25	79.4	5.84	14.9	4.5
HKLR	HY/2011/03	2014-07-14	Mid-Ebb	Sunny	SR3	13:01:36	0.7	Middle	2	2	29.27	7.95	20.24	79.1	5.82	14.8	5.3
HKLR	HY/2011/03	2014-07-14	Mid-Ebb	Sunny	SR4	13:42:29	1.0	Surface	1	1	30.01	8.02	18.87	76.2	5.19	5.6	5.1
HKLR	HY/2011/03	2014-07-14	Mid-Ebb	Sunny	SR4	13:42:15	1.0	Surface	1	2	29.97	8.02	18.88	77	5.25	5.5	5.4
HKLR	HY/2011/03	2014-07-14	Mid-Ebb	Sunny	SR4	13:42:08	2.7	Bottom	3	1	29.97	8.03	19.11	77.5	5.28	5.6	5.3
HKLR	HY/2011/03	2014-07-14	Mid-Ebb	Sunny	SR4	13:42:21	2.7	Bottom	3	2	30	8.02	18.99	76.1	5.18	5.5	5.2
HKLR	HY/2011/03	2014-07-14	Mid-Ebb	Sunny	SR5	13:58:53	1.0	Surface	1	1	29.61	7.92	17.51	76	5.24	4.2	5.3
HKLR	HY/2011/03	2014-07-14	Mid-Ebb	Sunny	SR5	13:59:18	1.0	Surface	1	2	29.73	7.91	17.41	77.6	5.36	4.9	4.6
HKLR	HY/2011/03	2014-07-14	Mid-Ebb	Sunny	SR5	13:59:06	3.8	Bottom	3	1	29.31	7.91	18.51	76.2	5.27	5.5	5.7
HKLR	HY/2011/03	2014-07-14	Mid-Ebb	Sunny	SR5	13:58:43	3.8	Bottom	3	2	29.17	7.92	18.13	74.8	5.2	5.5	4.8
HKLR	HY/2011/03	2014-07-14	Mid-Ebb	Sunny	SR10A	14:46:04	1.0	Surface	1	1	29.64	8.01	18.85	76.6	5.66	4.6	5.7
HKLR	HY/2011/03	2014-07-14	Mid-Ebb	Sunny	SR10A	14:46:33	1.0	Surface	1	2	29.4	8	19.71	75.2	5.56	4.5	4.9
HKLR	HY/2011/03	2014-07-14	Mid-Ebb	Sunny	SR10A	14:45:54	3.2	Middle	2	1	29.01	8	20.27	74.6	5.54	4.7	6
HKLR	HY/2011/03	2014-07-14	Mid-Ebb	Sunny	SR10A	14:46:24	3.2	Middle	2	2	29	8	20.15	74.1	5.5	4.4	5.9
HKLR	HY/2011/03	2014-07-14	Mid-Ebb	Sunny	SR10A	14:46:13	5.4	Bottom	3	1	29.05	7.99	21.7	75.7	5.58	4.5	5.3
HKLR	HY/2011/03	2014-07-14	Mid-Ebb	Sunny	SR10A	14:45:44	5.4	Bottom	3	2	29.1	8	20.29	75.2	5.57	4.7	7
HKLR	HY/2011/03	2014-07-14	Mid-Ebb	Sunny	SR10B	14:57:02	1.0	Surface	1	1	29.15	7.99	20.24	75.2	5.57	5.4	5.5
HKLR	HY/2011/03	2014-07-14	Mid-Ebb	Sunny	SR10B	14:56:45	1.0	Surface	1	2	29.12	7.99	20.28	74.9	5.55	5.6	5.8
HKLR	HY/2011/03	2014-07-14	Mid-Ebb	Sunny	SR10B	14:56:53	3.7	Bottom	3	1	29.14	7.99	20.24	75	5.56	5.4	5.1
HKLR	HY/2011/03	2014-07-14	Mid-Ebb	Sunny	SR10B	14:56:36	3.7	Bottom	3	2	29.09	7.99	20.35	74.7	5.54	5.5	6.2
HKLR	HY/2011/03	2014-07-14	Mid-Ebb	Sunny	CS2	12:44:52	1.0	Surface	1	1	30.04	8.18	16.45	88.6	6.13	2	4
HKLR	HY/2011/03	2014-07-14	Mid-Ebb	Sunny	CS2	12:45:36	1.0	Surface	1	2	29.96	8.08	16.46	83.9	5.8	2.2	6
HKLR	HY/2011/03	2014-07-14	Mid-Ebb	Sunny	CS2	12:45:20	3.9	Middle	2	1	28.83	8.07	19.02	77.3	5.35	3.1	4.6
HKLR	HY/2011/03	2014-07-14	Mid-Ebb	Sunny	CS2	12:44:30	3.9	Middle	2	2	29.31	8.28	17.84	77.8	5.38	3	4
HKLR	HY/2011/03	2014-07-14	Mid-Ebb	Sunny	CS2	12:44:21	6.7	Bottom	3	1	29.37	8.38	17.5	74	5.14	2.5	3.6
HKLR	HY/2011/03	2014-07-14	Mid-Ebb	Sunny	CS2	12:45:12	6.7	Bottom	3	2	28.77	8.08	19.59	73.4	5.1	2.8	3.8
HKLR	HY/2011/03	2014-07-14	Mid-Ebb	Sunny	CS(Mf)5	14:22:40	1.0	Surface	1	1	29.39	7.99	19.8	70.6	5.24	10.2	6
HKLR	HY/2011/03	2014-07-14	Mid-Ebb	Sunny	CS(Mf)5	14:22:01	1.0	Surface	1	2	29.37	7.98	19.81	71.6	5.31	10.2	5.9
HKLR	HY/2011/03	2014-07-14	Mid-Ebb	Sunny	CS(Mf)5	14:21:46	6.0	Middle	2	1	28.41	7.97	21.94	68.4	5.07	10.3	6
HKLR	HY/2011/03	2014-07-14	Mid-Ebb	Sunny	CS(Mf)5	14:22:26	6.0	Middle	2	2	28.06	7.98	23.15	68.8	5.11	10.4	7.1
HKLR	HY/2011/03	2014-07-14	Mid-Ebb	Sunny	CS(Mf)5	14:21:31	11.0	Bottom	3	1	28.23	7.95	24.15	65.7	4.93	10.1	7.1
HKLR	HY/2011/03	2014-07-14	Mid-Ebb	Sunny	CS(Mf)5	14:22:14	11.0	Bottom	3	2	27.95	7.96	24.85	63.8	4.8	10.1	6
HKLR	HY/2011/03	2014-07-14	Mid-Flood	Sunny	IS5	07:46:22	1.0	Surface	1	1	29.24	7.97	19.23	80.5	5.95	7.2	6.8
HKLR	HY/2011/03	2014-07-14	Mid-Flood	Sunny	IS5	07:45:49	1.0	Surface	1	2	29.24	7.97	19.27	80.5	5.95	7.3	5.9
HKLR	HY/2011/03	2014-07-14	Mid-Flood	Sunny	IS5	07:45:40	4.4	Middle	2	1	29.23	7.96	19.57	79.6	5.88	7.4	6.9
HKLR	HY/2011/03	2014-07-14	Mid-Flood	Sunny	IS5	07:46:10	4.4	Middle	2	2	29.22	7.96	19.63	78.9	5.83	7.5	7.8
HKLR	HY/2011/03	2014-07-14	Mid-Flood	Sunny	IS5	07:46:00	7.7	Bottom	3	1	29.22	7.96	20.17	80	5.89	7.5	7.6
HKLR	HY/2011/03	2014-07-14	Mid-Flood	Sunny	IS5	07:45:31	7.7	Bottom	3	2	29.22	7.95	19.72	81.1	5.98	7.5	7
HKLR	HY/2011/03	2014-07-14	Mid-Flood	Sunny	IS(Mf)6	07:37:26	1.0	Surface	1	1	29.28	7.93	17.84	79	5.88	5.5	5.1
HKLR	HY/2011/03	2014-07-14	Mid-Flood	Sunny	IS(Mf)6	07:37:41	1.0	Surface	1	2	29.27	7.94	18.08	78.6	5.84	5.4	5.5
HKLR	HY/2011/03	2014-07-14	Mid-Flood	Sunny	IS(Mf)6	07:37:19	2.3	Bottom	3	1	29.27	7.93	18.25	78.9	5.87	5.7	6
HKLR	HY/2011/03	2014-07-14	Mid-Flood	Sunny	IS(Mf)6	07:37:31	2.3	Bottom	3	2	29.27	7.93	18.16	78.7	5.85	5.4	7
HKLR	HY/2011/03	2014-07-14	Mid-Flood	Sunny	IS7	07:31:05	1.0	Surface	1	1	29.25	7.93	18.46	80.1	5.94	5.5	5.8
HKLR	HY/2011/03	2014-07-14	Mid-Flood	Sunny	IS7	07:30:48	1.0	Surface	1	2	29.25	7.93	18.46	81	6	5.5	6

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-07-14	Mid-Flood	Sunny	IS7	07:30:39	2.1	Bottom	3	1	29.26	7.93	18.42	81.3	6.02	5.5	6.5
HKLR	HY/2011/03	2014-07-14	Mid-Flood	Sunny	IS7	07:30:55	2.1	Bottom	3	2	29.23	7.93	18.51	80.5	5.97	5.5	5.3
HKLR	HY/2011/03	2014-07-14	Mid-Flood	Sunny	IS8	07:08:22	1.0	Surface	1	1	29.25	7.86	17.46	73.6	5.52	7.6	7.1
HKLR	HY/2011/03	2014-07-14	Mid-Flood	Sunny	IS8	07:08:41	1.0	Surface	1	2	29.26	7.87	17.45	73.6	5.51	7.4	7.6
HKLR	HY/2011/03	2014-07-14	Mid-Flood	Sunny	IS8	07:08:29	3.1	Bottom	3	1	29.23	7.86	17.72	73.6	5.51	7.8	7.8
HKLR	HY/2011/03	2014-07-14	Mid-Flood	Sunny	IS8	07:08:12	3.1	Bottom	3	2	29.2	7.86	17.85	73.6	5.51	8.2	7.5
HKLR	HY/2011/03	2014-07-14	Mid-Flood	Sunny	IS(Mf)9	07:23:34	1.0	Surface	1	1	29.23	7.94	18.85	81.6	6.03	5.5	5.8
HKLR	HY/2011/03	2014-07-14	Mid-Flood	Sunny	IS(Mf)9	07:23:49	1.0	Surface	1	2	29.22	7.94	18.86	81.3	6.02	5.4	6.1
HKLR	HY/2011/03	2014-07-14	Mid-Flood	Sunny	IS(Mf)9	07:23:26	2.8	Bottom	3	1	29.22	7.93	18.96	81.7	6.04	5.7	6.6
HKLR	HY/2011/03	2014-07-14	Mid-Flood	Sunny	IS(Mf)9	07:23:40	2.8	Bottom	3	2	29.22	7.94	18.96	81.4	6.02	5.5	6.3
HKLR	HY/2011/03	2014-07-14	Mid-Flood	Sunny	IS10	07:31:04	1.0	Surface	1	1	28.61	7.91	19.59	73.6	5.12	10.3	5.7
HKLR	HY/2011/03	2014-07-14	Mid-Flood	Sunny	IS10	07:30:21	1.0	Surface	1	2	28.64	7.91	19.58	74.9	5.2	9.7	5.1
HKLR	HY/2011/03	2014-07-14	Mid-Flood	Sunny	IS10	07:30:05	5.1	Middle	2	1	28.11	7.88	22.19	73.6	5.08	12.2	6.2
HKLR	HY/2011/03	2014-07-14	Mid-Flood	Sunny	IS10	07:30:51	5.1	Middle	2	2	28.11	7.88	22.22	72.9	5.02	12.2	5.8
HKLR	HY/2011/03	2014-07-14	Mid-Flood	Sunny	IS10	07:30:41	9.2	Bottom	3	1	28.15	7.87	22.19	70.9	4.9	13.4	5
HKLR	HY/2011/03	2014-07-14	Mid-Flood	Sunny	IS10	07:29:52	9.2	Bottom	3	2	28.14	7.87	22.18	71.3	4.93	13.8	4.8
HKLR	HY/2011/03	2014-07-14	Mid-Flood	Sunny	SR3	07:50:58	0.8	Middle	2	1	29.25	7.95	19.16	82.7	6.1	6.1	5.5
HKLR	HY/2011/03	2014-07-14	Mid-Flood	Sunny	SR3	07:51:06	0.8	Middle	2	2	29.25	7.96	19.16	82.8	6.11	6.4	5.7
HKLR	HY/2011/03	2014-07-14	Mid-Flood	Sunny	SR4	07:13:50	1.0	Surface	1	1	29.32	7.86	17.06	75.3	5.64	6.5	4.8
HKLR	HY/2011/03	2014-07-14	Mid-Flood	Sunny	SR4	07:13:32	1.0	Surface	1	2	29.3	7.85	17.11	75.7	5.66	6.5	4.1
HKLR	HY/2011/03	2014-07-14	Mid-Flood	Sunny	SR4	07:13:39	2.8	Bottom	3	1	29.29	7.85	17.31	75.5	5.65	6.7	4.5
HKLR	HY/2011/03	2014-07-14	Mid-Flood	Sunny	SR4	07:13:24	2.8	Bottom	3	2	29.3	7.84	17.22	76.3	5.7	6.6	5.2
HKLR	HY/2011/03	2014-07-14	Mid-Flood	Sunny	SR5	07:39:44	1.0	Surface	1	1	28.63	7.9	19.69	75.3	5.22	9.1	6.1
HKLR	HY/2011/03	2014-07-14	Mid-Flood	Sunny	SR5	07:39:17	1.0	Surface	1	2	28.66	7.9	19.61	76	5.28	9.4	5.3
HKLR	HY/2011/03	2014-07-14	Mid-Flood	Sunny	SR5	07:38:52	4.0	Bottom	3	1	28.16	7.88	22.09	72.1	4.98	11.2	5.8
HKLR	HY/2011/03	2014-07-14	Mid-Flood	Sunny	SR5	07:39:25	4.0	Bottom	3	2	28.26	7.87	22.2	74.5	5.13	10.5	5.3
HKLR	HY/2011/03	2014-07-14	Mid-Flood	Sunny	SR10A	06:10:07	1.0	Surface	1	1	28.53	7.93	19.43	68.7	5.18	4.1	3.2
HKLR	HY/2011/03	2014-07-14	Mid-Flood	Sunny	SR10A	06:10:38	1.0	Surface	1	2	27.89	7.95	19.41	67.8	5.05	4.2	3.6
HKLR	HY/2011/03	2014-07-14	Mid-Flood	Sunny	SR10A	06:10:00	3.3	Middle	2	1	28.24	7.93	21.14	68	5.11	4.2	3.3
HKLR	HY/2011/03	2014-07-14	Mid-Flood	Sunny	SR10A	06:10:29	3.3	Middle	2	2	27.66	7.95	23.68	67.3	5.01	4.1	4.1
HKLR	HY/2011/03	2014-07-14	Mid-Flood	Sunny	SR10A	06:10:20	5.5	Bottom	3	1	27.81	7.93	24.93	66.1	4.96	4.2	2.8
HKLR	HY/2011/03	2014-07-14	Mid-Flood	Sunny	SR10A	06:09:52	5.5	Bottom	3	2	28.47	7.9	23.66	68.9	5.1	4.2	4
HKLR	HY/2011/03	2014-07-14	Mid-Flood	Sunny	SR10B	06:00:38	1.0	Surface	1	1	28.79	7.93	19.26	70.5	5.29	4.1	3.3
HKLR	HY/2011/03	2014-07-14	Mid-Flood	Sunny	SR10B	06:00:14	1.0	Surface	1	2	28.47	7.94	19.77	69.7	5.24	4.2	3.8
HKLR	HY/2011/03	2014-07-14	Mid-Flood	Sunny	SR10B	06:00:24	4.0	Bottom	3	1	28.25	7.93	22.27	69.2	5.17	4.2	3.2
HKLR	HY/2011/03	2014-07-14	Mid-Flood	Sunny	SR10B	06:00:05	4.0	Bottom	3	2	28.31	7.9	23.26	70.4	5.23	4.1	3.3
HKLR	HY/2011/03	2014-07-14	Mid-Flood	Sunny	CS2	08:52:08	1.0	Surface	1	1	28.9	7.92	17.12	79	5.54	9.1	2.5
HKLR	HY/2011/03	2014-07-14	Mid-Flood	Sunny	CS2	08:51:33	1.0	Surface	1	2	29.02	7.92	17.07	79.9	5.59	9.5	3.5
HKLR	HY/2011/03	2014-07-14	Mid-Flood	Sunny	CS2	08:52:00	3.8	Middle	2	1	28.63	7.89	20.53	77.9	5.39	10.7	2.8
HKLR	HY/2011/03	2014-07-14	Mid-Flood	Sunny	CS2	08:51:20	3.8	Middle	2	2	28.52	7.89	20.7	76.1	5.27	11.6	3.1
HKLR	HY/2011/03	2014-07-14	Mid-Flood	Sunny	CS2	08:51:07	6.6	Bottom	3	1	28.44	7.87	21.1	77.6	5.36	12.9	4.4
HKLR	HY/2011/03	2014-07-14	Mid-Flood	Sunny	CS2	08:51:45	6.6	Bottom	3	2	28.52	7.87	20.97	78.6	5.43	12.4	3.6
HKLR	HY/2011/03	2014-07-14	Mid-Flood	Sunny	CS(Mf)5	06:37:56	1.0	Surface	1	1	29.06	7.95	18.39	68.9	5.14	4.8	2.5
HKLR	HY/2011/03	2014-07-14	Mid-Flood	Sunny	CS(Mf)5	06:37:13	1.0	Surface	1	2	29	7.95	18.47	68.6	5.12	4.8	3
HKLR	HY/2011/03	2014-07-14	Mid-Flood	Sunny	CS(Mf)5	06:37:44	6.4	Middle	2	1	26.87	7.98	26.14	67.6	5.08	5.8	2.8
HKLR	HY/2011/03	2014-07-14	Mid-Flood	Sunny	CS(Mf)5	06:37:03	6.4	Middle	2	2	27.21	7.97	25.76	67.2	5.04	5.5	2.6
HKLR	HY/2011/03	2014-07-14	Mid-Flood	Sunny	CS(Mf)5	06:36:49	11.7	Bottom	3	1	26.76	7.95	27.38	62.9	4.72	5.6	3.8
HKLR	HY/2011/03	2014-07-14	Mid-Flood	Sunny	CS(Mf)5	06:37:32	11.7	Bottom	3	2	26.77	7.96	27.34	63.3	4.79	5.7	2.7
HKLR	HY/2011/03	2014-07-16	Mid-Ebb	Sunny	IS5	15:00:18	1.0	Surface	1	1	29.64	8.04	19.63	74.9	5.48	8.8	6.7
HKLR	HY/2011/03	2014-07-16	Mid-Ebb	Sunny	IS5	14:59:38	1.0	Surface	1	2	29.65	8	19.71	76.6	5.54	8.8	6.6
HKLR	HY/2011/03	2014-07-16	Mid-Ebb	Sunny	IS5	14:59:26	4.3	Middle	2	1	29.41	7.98	20.15	74	5.37	8.8	6.7
HKLR	HY/2011/03	2014-07-16	Mid-Ebb	Sunny	IS5	15:00:14	4.3	Middle	2	2	29.28	7.98	20.32	70.1	5.11	8.7	6
HKLR	HY/2011/03	2014-07-16	Mid-Ebb	Sunny	IS5	14:59:13	7.5	Bottom	3	1	29.35	7.98	20.84	76.6	5.54	8.6	6.9
HKLR	HY/2011/03	2014-07-16	Mid-Ebb	Sunny	IS5	15:00:06	7.5	Bottom	3	2	29.1	7.97	20.86	70.2	5.12	8.7	6.8
HKLR	HY/2011/03	2014-07-16	Mid-Ebb	Sunny	IS(Mf)6	15:08:41	1.0	Surface	1	1	30.2	8.08	18.38	82.5	5.62	5.8	3.2
HKLR	HY/2011/03	2014-07-16	Mid-Ebb	Sunny	IS(Mf)6	15:08:53	1.0	Surface	1	2	30.03	8.05	18.47	81.2	5.54	5.6	3.5

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-07-16	Mid-Ebb	Sunny	IS(Mf)6	15:08:28	2.2	Bottom	3	1	29.99	8.03	19.48	82.2	5.58	5.9	3.7
HKLR	HY/2011/03	2014-07-16	Mid-Ebb	Sunny	IS(Mf)6	15:08:46	2.2	Bottom	3	2	30.18	8.08	19.46	84	5.69	5.6	2.4
HKLR	HY/2011/03	2014-07-16	Mid-Ebb	Sunny	IS7	15:17:50	1.0	Surface	1	1	30.51	8.11	17.63	90.9	6.18	5.5	4.3
HKLR	HY/2011/03	2014-07-16	Mid-Ebb	Sunny	IS7	15:17:38	1.0	Surface	1	2	30.41	8.1	17.68	89.8	6.12	5.4	4.1
HKLR	HY/2011/03	2014-07-16	Mid-Ebb	Sunny	IS7	15:17:30	2.2	Bottom	3	1	30.25	8.08	17.81	89.2	6.09	5.4	2.7
HKLR	HY/2011/03	2014-07-16	Mid-Ebb	Sunny	IS7	15:17:43	2.2	Bottom	3	2	30.57	8.11	17.61	90.5	6.15	5.5	3.2
HKLR	HY/2011/03	2014-07-16	Mid-Ebb	Sunny	IS8	15:47:41	1.0	Surface	1	1	30.01	8.05	18.36	84.3	5.76	8.6	4.1
HKLR	HY/2011/03	2014-07-16	Mid-Ebb	Sunny	IS8	15:47:52	1.0	Surface	1	2	30.06	8.06	18.29	83.2	5.68	8.7	4.5
HKLR	HY/2011/03	2014-07-16	Mid-Ebb	Sunny	IS8	15:47:46	3.1	Bottom	3	1	30.28	8.07	19.49	85.5	5.78	8.8	2.9
HKLR	HY/2011/03	2014-07-16	Mid-Ebb	Sunny	IS8	15:47:35	3.1	Bottom	3	2	30.31	8.09	19.38	89.2	6.03	8.9	4.1
HKLR	HY/2011/03	2014-07-16	Mid-Ebb	Sunny	IS(Mf)9	15:27:52	1.0	Surface	1	1	30.3	8.07	17.72	83.5	5.7	5.8	2.8
HKLR	HY/2011/03	2014-07-16	Mid-Ebb	Sunny	IS(Mf)9	15:27:31	1.0	Surface	1	2	30.43	8.1	17.7	87.6	5.97	5.7	2.3
HKLR	HY/2011/03	2014-07-16	Mid-Ebb	Sunny	IS(Mf)9	15:27:20	2.4	Bottom	3	1	30.25	8.06	18.61	84.8	5.76	5.9	2.8
HKLR	HY/2011/03	2014-07-16	Mid-Ebb	Sunny	IS(Mf)9	15:27:43	2.4	Bottom	3	2	29.97	8.03	18.86	85.1	5.8	5.6	2.4
HKLR	HY/2011/03	2014-07-16	Mid-Ebb	Sunny	IS10	15:44:34	1.0	Surface	1	1	29.96	7.99	17.63	80.3	5.75	10.3	3
HKLR	HY/2011/03	2014-07-16	Mid-Ebb	Sunny	IS10	15:45:19	1.0	Surface	1	2	30.27	8	17.46	84.1	5.99	10.2	2.8
HKLR	HY/2011/03	2014-07-16	Mid-Ebb	Sunny	IS10	15:44:24	5.3	Middle	2	1	29.01	7.96	19.72	80.7	5.76	10.5	2.7
HKLR	HY/2011/03	2014-07-16	Mid-Ebb	Sunny	IS10	15:45:05	5.3	Middle	2	2	29.16	7.96	19.51	78.7	5.63	10.2	3.1
HKLR	HY/2011/03	2014-07-16	Mid-Ebb	Sunny	IS10	15:44:50	9.6	Bottom	3	1	28.86	7.95	21.43	74.8	5.38	10.6	3.2
HKLR	HY/2011/03	2014-07-16	Mid-Ebb	Sunny	IS10	15:44:16	9.6	Bottom	3	2	29.11	7.95	21.23	76.1	5.48	10.4	2.4
HKLR	HY/2011/03	2014-07-16	Mid-Ebb	Sunny	SR3	14:50:20	0.6	Middle	2	1	29.82	8.03	19.6	73.4	5.99	6.8	5.4
HKLR	HY/2011/03	2014-07-16	Mid-Ebb	Sunny	SR3	14:50:26	0.6	Middle	2	2	29.82	8.03	19.61	73.5	6.01	6.9	5.5
HKLR	HY/2011/03	2014-07-16	Mid-Ebb	Sunny	SR4	15:34:19	1.0	Surface	1	1	30.68	8.08	17.53	88.5	6.01	7.3	4.4
HKLR	HY/2011/03	2014-07-16	Mid-Ebb	Sunny	SR4	15:34:05	1.0	Surface	1	2	30.64	8.08	17.56	89.5	6.08	7.3	3.8
HKLR	HY/2011/03	2014-07-16	Mid-Ebb	Sunny	SR4	15:34:14	2.5	Bottom	3	1	30.66	8.08	17.55	88.7	6.02	7.4	4.2
HKLR	HY/2011/03	2014-07-16	Mid-Ebb	Sunny	SR4	15:34:00	2.5	Bottom	3	2	30.68	8.09	17.54	90.6	6.15	7.2	3.6
HKLR	HY/2011/03	2014-07-16	Mid-Ebb	Sunny	SR5	15:33:18	1.0	Surface	1	1	29.56	7.99	18.41	82.8	5.93	5.9	2.7
HKLR	HY/2011/03	2014-07-16	Mid-Ebb	Sunny	SR5	15:33:39	1.0	Surface	1	2	29.74	7.99	18.1	83.3	5.96	5.7	4.1
HKLR	HY/2011/03	2014-07-16	Mid-Ebb	Sunny	SR5	15:33:09	4.0	Bottom	3	1	29.47	7.99	18.88	83.9	6	5.8	2.5
HKLR	HY/2011/03	2014-07-16	Mid-Ebb	Sunny	SR5	15:33:28	4.0	Bottom	3	2	29.45	7.98	19.28	83.2	5.95	5.8	2.5
HKLR	HY/2011/03	2014-07-16	Mid-Ebb	Sunny	SR10A	16:58:19	1.0	Surface	1	1	29.29	8.07	20.96	76.1	5.51	3.5	3.2
HKLR	HY/2011/03	2014-07-16	Mid-Ebb	Sunny	SR10A	16:57:37	1.0	Surface	1	2	29.2	8.06	21.05	76.6	5.54	3.2	3.8
HKLR	HY/2011/03	2014-07-16	Mid-Ebb	Sunny	SR10A	16:57:28	3.1	Middle	2	1	29.09	8.05	21.29	76.4	5.53	3.2	4.1
HKLR	HY/2011/03	2014-07-16	Mid-Ebb	Sunny	SR10A	16:58:05	3.1	Middle	2	2	29.05	8.06	21.32	72.1	5.24	3.2	2.8
HKLR	HY/2011/03	2014-07-16	Mid-Ebb	Sunny	SR10A	16:57:13	5.2	Bottom	3	1	29.15	8.06	21.33	78	5.64	3.4	4
HKLR	HY/2011/03	2014-07-16	Mid-Ebb	Sunny	SR10A	16:57:57	5.2	Bottom	3	2	28.86	8.05	21.63	77.7	5.02	3.3	4.1
HKLR	HY/2011/03	2014-07-16	Mid-Ebb	Sunny	SR10B	17:05:44	1.0	Surface	1	1	26.83	8.06	26.44	76.3	5.19	6.5	2.6
HKLR	HY/2011/03	2014-07-16	Mid-Ebb	Sunny	SR10B	17:06:05	1.0	Surface	1	2	27.27	8.07	25.95	78	5.29	6.5	3.7
HKLR	HY/2011/03	2014-07-16	Mid-Ebb	Sunny	SR10B	17:05:55	4.1	Bottom	3	1	26.95	8.06	27.49	77	5.21	6.3	3.2
HKLR	HY/2011/03	2014-07-16	Mid-Ebb	Sunny	SR10B	17:05:39	4.1	Bottom	3	2	26.97	8.05	27.94	76.6	5.18	6.4	3.3
HKLR	HY/2011/03	2014-07-16	Mid-Ebb	Sunny	CS2	14:16:55	1.0	Surface	1	1	29.76	8.17	18.34	82.2	5.88	8.3	3.4
HKLR	HY/2011/03	2014-07-16	Mid-Ebb	Sunny	CS2	14:17:28	1.0	Surface	1	2	29.51	8.1	18.49	81.1	5.77	8.2	2.2
HKLR	HY/2011/03	2014-07-16	Mid-Ebb	Sunny	CS2	14:17:16	4.0	Middle	2	1	28.46	8.07	21.61	76.4	5.5	8.6	3.2
HKLR	HY/2011/03	2014-07-16	Mid-Ebb	Sunny	CS2	14:16:38	4.0	Middle	2	2	28.6	8.16	21.68	74.7	5.36	8.6	3
HKLR	HY/2011/03	2014-07-16	Mid-Ebb	Sunny	CS2	14:17:04	7.0	Bottom	3	1	28.86	8.1	22.27	72.4	5.22	8.8	3
HKLR	HY/2011/03	2014-07-16	Mid-Ebb	Sunny	CS2	14:16:23	7.0	Bottom	3	2	28.41	8.22	22.59	70.8	5.1	8.7	2.5
HKLR	HY/2011/03	2014-07-16	Mid-Ebb	Sunny	CS(Mf)5	16:28:49	1.0	Surface	1	1	29.09	8.03	19.98	76.4	5.88	6.4	4
HKLR	HY/2011/03	2014-07-16	Mid-Ebb	Sunny	CS(Mf)5	16:29:27	1.0	Surface	1	2	29.3	8.04	19.86	78.2	5.99	6.6	5.4
HKLR	HY/2011/03	2014-07-16	Mid-Ebb	Sunny	CS(Mf)5	16:28:38	6.1	Middle	2	1	27.92	7.99	23.01	72	5.59	6.4	4.4
HKLR	HY/2011/03	2014-07-16	Mid-Ebb	Sunny	CS(Mf)5	16:29:13	6.1	Middle	2	2	28.16	8	22.85	79.4	5.4	6.5	3
HKLR	HY/2011/03	2014-07-16	Mid-Ebb	Sunny	CS(Mf)5	16:28:26	11.2	Bottom	3	1	27.41	7.99	26.57	76.8	5.15	6.6	4.9
HKLR	HY/2011/03	2014-07-16	Mid-Ebb	Sunny	CS(Mf)5	16:29:03	11.2	Bottom	3	2	26.9	7.98	27.83	76.1	5.83	6.4	4.6
HKLR	HY/2011/03	2014-07-16	Mid-Flood	Sunny	IS5	10:11:24	1.0	Surface	1	1	29.68	7.93	18.61	74.1	5.08	8.7	5.3
HKLR	HY/2011/03	2014-07-16	Mid-Flood	Sunny	IS5	10:10:46	1.0	Surface	1	2	29.7	7.88	18.54	76.8	5.27	8.8	5
HKLR	HY/2011/03	2014-07-16	Mid-Flood	Sunny	IS5	10:11:10	4.4	Middle	2	1	29.53	7.89	19.22	71.3	5.29	8.9	5.1
HKLR	HY/2011/03	2014-07-16	Mid-Flood	Sunny	IS5	10:10:23	4.4	Middle	2	2	29.59	7.89	19.03	71.6	5.11	8.9	3.8

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-07-16	Mid-Flood	Sunny	IS5	10:10:58	7.8	Bottom	3	1	29.61	7.89	19.13	75.5	5.17	9	4.5
HKLR	HY/2011/03	2014-07-16	Mid-Flood	Sunny	IS5	10:10:11	7.8	Bottom	3	2	29.55	7.89	19.31	73.8	5.05	8.5	4.2
HKLR	HY/2011/03	2014-07-16	Mid-Flood	Sunny	IS(Mf)6	09:59:39	1.0	Surface	1	1	29.72	7.94	17.79	78.4	5.4	5	3.2
HKLR	HY/2011/03	2014-07-16	Mid-Flood	Sunny	IS(Mf)6	09:59:21	1.0	Surface	1	2	29.72	7.93	17.7	77.7	5.35	5.4	3.5
HKLR	HY/2011/03	2014-07-16	Mid-Flood	Sunny	IS(Mf)6	09:59:30	2.3	Bottom	3	1	29.72	7.93	17.87	77.5	5.33	5.1	3.4
HKLR	HY/2011/03	2014-07-16	Mid-Flood	Sunny	IS(Mf)6	09:59:07	2.3	Bottom	3	2	29.72	7.93	17.84	78.2	5.38	5.5	3.1
HKLR	HY/2011/03	2014-07-16	Mid-Flood	Sunny	IS7	09:48:55	1.0	Surface	1	1	29.67	7.92	17.99	75.7	5.21	5.3	3.2
HKLR	HY/2011/03	2014-07-16	Mid-Flood	Sunny	IS7	09:49:21	1.0	Surface	1	2	29.64	7.92	17.82	72.1	5.35	5.4	4
HKLR	HY/2011/03	2014-07-16	Mid-Flood	Sunny	IS7	09:48:43	2.2	Bottom	3	1	29.66	7.92	18.21	75.6	5.2	5.4	3.4
HKLR	HY/2011/03	2014-07-16	Mid-Flood	Sunny	IS7	09:48:23	2.2	Bottom	3	2	29.69	7.79	17.8	71.4	5.09	5.5	4.5
HKLR	HY/2011/03	2014-07-16	Mid-Flood	Sunny	IS8	09:20:44	1.0	Surface	1	1	29.58	7.79	17.09	73.9	5.12	8.5	2.1
HKLR	HY/2011/03	2014-07-16	Mid-Flood	Sunny	IS8	09:19:32	1.0	Surface	1	2	29.58	7.89	16.84	77.1	5.65	8.5	2.1
HKLR	HY/2011/03	2014-07-16	Mid-Flood	Sunny	IS8	09:20:31	3.1	Bottom	3	1	29.57	7.68	17.12	75.4	5.92	8.3	2.1
HKLR	HY/2011/03	2014-07-16	Mid-Flood	Sunny	IS8	09:19:23	3.1	Bottom	3	2	29.6	7.89	17.9	77.3	5.64	8.4	2.2
HKLR	HY/2011/03	2014-07-16	Mid-Flood	Sunny	IS(Mf)9	09:40:55	1.0	Surface	1	1	29.67	7.86	17.97	77.6	5.04	5.4	2.8
HKLR	HY/2011/03	2014-07-16	Mid-Flood	Sunny	IS(Mf)9	09:40:10	1.0	Surface	1	2	29.52	7.89	18.39	71.2	5.09	5.5	2.9
HKLR	HY/2011/03	2014-07-16	Mid-Flood	Sunny	IS(Mf)9	09:39:57	2.8	Bottom	3	1	29.51	7.88	18.74	71.6	5.02	5.1	4.5
HKLR	HY/2011/03	2014-07-16	Mid-Flood	Sunny	IS(Mf)9	09:40:38	2.8	Bottom	3	2	29.67	7.78	17.99	72.8	5.07	5.6	4.6
HKLR	HY/2011/03	2014-07-16	Mid-Flood	Sunny	IS10	09:11:19	1.0	Surface	1	1	29.41	7.96	15.69	78.8	5.74	10.3	2.7
HKLR	HY/2011/03	2014-07-16	Mid-Flood	Sunny	IS10	09:10:48	1.0	Surface	1	2	29.35	7.96	15.78	79.2	5.69	10.1	4.1
HKLR	HY/2011/03	2014-07-16	Mid-Flood	Sunny	IS10	09:11:07	5.5	Middle	2	1	28.71	7.91	19.68	78.9	5.67	10.2	3.7
HKLR	HY/2011/03	2014-07-16	Mid-Flood	Sunny	IS10	09:10:37	5.5	Middle	2	2	28.69	7.91	20.33	77.7	5.66	10.2	2.6
HKLR	HY/2011/03	2014-07-16	Mid-Flood	Sunny	IS10	09:10:27	9.9	Bottom	3	1	28.83	7.9	20.39	75.8	5.47	10.6	2.7
HKLR	HY/2011/03	2014-07-16	Mid-Flood	Sunny	IS10	09:11:00	9.9	Bottom	3	2	28.92	7.9	20.41	76.1	5.51	10.5	3.8
HKLR	HY/2011/03	2014-07-16	Mid-Flood	Sunny	SR3	10:17:45	0.6	Middle	2	1	29.71	7.94	18.53	77.8	5.34	6.9	5.2
HKLR	HY/2011/03	2014-07-16	Mid-Flood	Sunny	SR3	10:17:42	0.6	Middle	2	2	29.71	7.94	18.53	77.6	5.33	6.9	5.6
HKLR	HY/2011/03	2014-07-16	Mid-Flood	Sunny	SR4	09:31:42	1.0	Surface	1	1	29.57	7.85	17.12	77.1	5.65	7.5	5
HKLR	HY/2011/03	2014-07-16	Mid-Flood	Sunny	SR4	09:32:08	1.0	Surface	1	2	29.6	7.83	17.69	73.9	5.11	7.6	5.8
HKLR	HY/2011/03	2014-07-16	Mid-Flood	Sunny	SR4	09:31:34	2.8	Bottom	3	1	29.58	7.85	17.13	77.1	5.65	7.5	5.4
HKLR	HY/2011/03	2014-07-16	Mid-Flood	Sunny	SR4	09:31:47	2.8	Bottom	3	2	29.49	7.74	18.83	76.9	5.56	7.7	5.6
HKLR	HY/2011/03	2014-07-16	Mid-Flood	Sunny	SR5	09:19:51	1.0	Surface	1	1	29.28	7.93	16.31	79.4	5.78	6.5	3.2
HKLR	HY/2011/03	2014-07-16	Mid-Flood	Sunny	SR5	09:19:28	1.0	Surface	1	2	29.41	7.93	15.87	82.4	5.99	6.6	2.8
HKLR	HY/2011/03	2014-07-16	Mid-Flood	Sunny	SR5	09:19:41	3.9	Bottom	3	1	29	7.88	20.14	80.6	5.78	6.4	2.7
HKLR	HY/2011/03	2014-07-16	Mid-Flood	Sunny	SR5	09:19:19	3.9	Bottom	3	2	29.32	7.9	18.46	82.5	5.93	6.6	3
HKLR	HY/2011/03	2014-07-16	Mid-Flood	Sunny	SR10A	08:14:44	1.0	Surface	1	1	29.17	7.86	18.61	73.6	5.4	3.1	2.8
HKLR	HY/2011/03	2014-07-16	Mid-Flood	Sunny	SR10A	08:14:11	1.0	Surface	1	2	29.23	7.84	18.35	73.9	5.42	3.1	2.4
HKLR	HY/2011/03	2014-07-16	Mid-Flood	Sunny	SR10A	08:14:34	3.3	Middle	2	1	29.03	7.86	19.16	72.7	5.34	3.3	3
HKLR	HY/2011/03	2014-07-16	Mid-Flood	Sunny	SR10A	08:13:56	3.3	Middle	2	2	29.09	7.85	18.95	72.7	5.33	3.4	2.8
HKLR	HY/2011/03	2014-07-16	Mid-Flood	Sunny	SR10A	08:13:45	5.6	Bottom	3	1	28.76	7.85	19.57	74.8	5.28	3.6	2.5
HKLR	HY/2011/03	2014-07-16	Mid-Flood	Sunny	SR10A	08:14:25	5.6	Bottom	3	2	28.91	7.85	19.8	72.6	5.32	3.3	3.3
HKLR	HY/2011/03	2014-07-16	Mid-Flood	Sunny	SR10B	08:07:28	1.0	Surface	1	1	26.7	7.91	25.52	73.7	5.03	6.1	4.2
HKLR	HY/2011/03	2014-07-16	Mid-Flood	Sunny	SR10B	08:07:51	1.0	Surface	1	2	27.2	7.9	24.61	74.4	5.07	6.2	3
HKLR	HY/2011/03	2014-07-16	Mid-Flood	Sunny	SR10B	08:07:38	4.3	Bottom	3	1	26.72	7.9	27.81	73.8	5	6.4	3.9
HKLR	HY/2011/03	2014-07-16	Mid-Flood	Sunny	SR10B	08:07:21	4.3	Bottom	3	2	26.57	7.9	27.45	74.7	5.08	6.4	2.8
HKLR	HY/2011/03	2014-07-16	Mid-Flood	Sunny	CS2	10:43:11	1.0	Surface	1	1	29.38	7.93	16.2	75.5	5.5	10.1	4.1
HKLR	HY/2011/03	2014-07-16	Mid-Flood	Sunny	CS2	10:43:48	1.0	Surface	1	2	29.19	7.93	16.14	73.8	5.33	10.2	2.9
HKLR	HY/2011/03	2014-07-16	Mid-Flood	Sunny	CS2	10:43:41	3.9	Middle	2	1	28.85	7.89	19.63	72.7	5.31	10.3	2.7
HKLR	HY/2011/03	2014-07-16	Mid-Flood	Sunny	CS2	10:42:59	3.9	Middle	2	2	28.95	7.89	19	75.3	5.43	10.2	2.5
HKLR	HY/2011/03	2014-07-16	Mid-Flood	Sunny	CS2	10:42:49	6.7	Bottom	3	1	28.87	7.87	19.87	73.2	5.3	10.7	3.3
HKLR	HY/2011/03	2014-07-16	Mid-Flood	Sunny	CS2	10:43:27	6.7	Bottom	3	2	28.85	7.88	19.83	71.5	5.18	10.6	2.3
HKLR	HY/2011/03	2014-07-16	Mid-Flood	Sunny	CS(Mf)5	08:45:43	1.0	Surface	1	1	29.4	7.86	17.39	71.2	5.25	6.7	2.9
HKLR	HY/2011/03	2014-07-16	Mid-Flood	Sunny	CS(Mf)5	08:46:32	1.0	Surface	1	2	29.42	7.87	17.39	77.1	5.02	6.9	2.5
HKLR	HY/2011/03	2014-07-16	Mid-Flood	Sunny	CS(Mf)5	08:46:13	6.4	Middle	2	1	27.16	7.88	25.23	75.3	5.13	6.9	2.9
HKLR	HY/2011/03	2014-07-16	Mid-Flood	Sunny	CS(Mf)5	08:45:17	6.4	Middle	2	2	26.83	7.89	25.25	71.7	5.89	6.4	2.7
HKLR	HY/2011/03	2014-07-16	Mid-Flood	Sunny	CS(Mf)5	08:45:06	11.7	Bottom	3	1	26.44	7.88	28.1	72.9	5.95	6.5	3.6
HKLR	HY/2011/03	2014-07-16	Mid-Flood	Sunny	CS(Mf)5	08:45:58	11.7	Bottom	3	2	26.49	7.84	28.12	73.3	5.66	6.2	2.9

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-07-21	Mid-Ebb	Fine	IS5	09:57:20	1.0	Surface	1	1	29.05	8.11	19.27	78.9	5.45	4.7	4.2
HKLR	HY/2011/03	2014-07-21	Mid-Ebb	Fine	IS5	09:58:07	1.0	Surface	1	2	29.02	8.12	19.48	79.3	5.48	5.1	3.9
HKLR	HY/2011/03	2014-07-21	Mid-Ebb	Fine	IS5	09:57:44	4.2	Middle	2	1	28.32	8.11	23.27	75	5.08	7.7	3.2
HKLR	HY/2011/03	2014-07-21	Mid-Ebb	Fine	IS5	09:56:59	4.2	Middle	2	2	28.3	8.09	24.09	74.5	5.05	8	5.1
HKLR	HY/2011/03	2014-07-21	Mid-Ebb	Fine	IS5	09:56:52	7.3	Bottom	3	1	28.42	8.07	24.5	73.6	4.99	7.4	3.3
HKLR	HY/2011/03	2014-07-21	Mid-Ebb	Fine	IS5	09:57:35	7.3	Bottom	3	2	28.32	8.09	24.13	73.3	4.96	7	4.5
HKLR	HY/2011/03	2014-07-21	Mid-Ebb	Fine	IS(Mf)6	09:46:30	1.0	Surface	1	1	29.25	8.06	20.34	84.6	5.79	7.5	3.2
HKLR	HY/2011/03	2014-07-21	Mid-Ebb	Fine	IS(Mf)6	09:46:50	1.0	Surface	1	2	29.34	8.07	20.34	86.9	5.94	7	4.2
HKLR	HY/2011/03	2014-07-21	Mid-Ebb	Fine	IS(Mf)6	09:46:37	2.1	Bottom	3	1	29.18	8.04	20.89	84.4	5.76	8.4	4.2
HKLR	HY/2011/03	2014-07-21	Mid-Ebb	Fine	IS(Mf)6	09:46:23	2.1	Bottom	3	2	29.11	8.02	20.91	83.8	5.73	8.9	4.7
HKLR	HY/2011/03	2014-07-21	Mid-Ebb	Fine	IS7	09:38:21	1.0	Surface	1	1	28.94	8.11	19.52	94.4	6.52	2.5	3.4
HKLR	HY/2011/03	2014-07-21	Mid-Ebb	Fine	IS7	09:38:37	1.0	Surface	1	2	28.92	8.09	19.57	92.9	6.42	2.5	3.2
HKLR	HY/2011/03	2014-07-21	Mid-Ebb	Fine	IS7	09:38:30	2.1	Bottom	3	1	28.93	8.08	19.74	92.4	6.38	3.6	3.6
HKLR	HY/2011/03	2014-07-21	Mid-Ebb	Fine	IS7	09:38:11	2.1	Bottom	3	2	28.9	8.09	19.7	91.9	6.35	3.3	2.4
HKLR	HY/2011/03	2014-07-21	Mid-Ebb	Fine	IS8	09:13:20	1.0	Surface	1	1	29.32	8.15	19.78	95.4	6.54	2.7	3.2
HKLR	HY/2011/03	2014-07-21	Mid-Ebb	Fine	IS8	09:13:31	1.0	Surface	1	2	29.3	8.15	19.8	95.4	6.54	2.6	4.2
HKLR	HY/2011/03	2014-07-21	Mid-Ebb	Fine	IS8	09:13:26	2.6	Bottom	3	1	29.31	8.15	19.84	95.2	6.53	2.7	2.5
HKLR	HY/2011/03	2014-07-21	Mid-Ebb	Fine	IS8	09:13:11	2.6	Bottom	3	2	29.29	8.15	19.86	95.3	6.54	2.6	2
HKLR	HY/2011/03	2014-07-21	Mid-Ebb	Fine	IS(Mf)9	09:31:02	1.0	Surface	1	1	28.94	8.06	19.56	93.9	6.49	2.8	2.7
HKLR	HY/2011/03	2014-07-21	Mid-Ebb	Fine	IS(Mf)9	09:31:18	1.0	Surface	1	2	28.91	8.07	19.61	93.1	6.43	2.6	3.4
HKLR	HY/2011/03	2014-07-21	Mid-Ebb	Fine	IS(Mf)9	09:31:11	2.3	Bottom	3	1	28.94	8.06	19.77	93.1	6.43	3.2	2.8
HKLR	HY/2011/03	2014-07-21	Mid-Ebb	Fine	IS(Mf)9	09:30:55	2.3	Bottom	3	2	28.95	8.04	19.76	93.6	6.46	3.4	2.1
HKLR	HY/2011/03	2014-07-21	Mid-Ebb	Fine	IS10	09:07:10	1.0	Surface	1	1	28.92	8.06	15.41	75.3	5.32	4.7	2.1
HKLR	HY/2011/03	2014-07-21	Mid-Ebb	Fine	IS10	09:06:35	1.0	Surface	1	2	28.87	8.04	16.52	75	5.27	4.7	2.1
HKLR	HY/2011/03	2014-07-21	Mid-Ebb	Fine	IS10	09:06:23	5.3	Middle	2	1	28.09	7.98	21.03	74.6	5.14	5.7	1.6
HKLR	HY/2011/03	2014-07-21	Mid-Ebb	Fine	IS10	09:06:58	5.3	Middle	2	2	28.02	7.97	21.09	74.3	5.11	5.7	2
HKLR	HY/2011/03	2014-07-21	Mid-Ebb	Fine	IS10	09:06:13	9.6	Bottom	3	1	27.98	7.95	23.17	70.1	4.87	5.6	2.2
HKLR	HY/2011/03	2014-07-21	Mid-Ebb	Fine	IS10	09:06:50	9.6	Bottom	3	2	27.97	7.95	23.21	70.2	4.89	5.8	3.4
HKLR	HY/2011/03	2014-07-21	Mid-Ebb	Fine	SR3	10:07:32	0.7	Middle	2	1	29.04	8.12	19.25	82.7	5.71	4.4	3.8
HKLR	HY/2011/03	2014-07-21	Mid-Ebb	Fine	SR3	10:07:40	0.7	Middle	2	2	29.01	8.12	19.33	82.4	5.7	4.2	3.6
HKLR	HY/2011/03	2014-07-21	Mid-Ebb	Fine	SR4	09:20:39	1.0	Surface	1	1	29.07	8.14	19.56	90.1	6.21	4.5	3.6
HKLR	HY/2011/03	2014-07-21	Mid-Ebb	Fine	SR4	09:20:24	1.0	Surface	1	2	29.04	8.09	19.81	88	6.06	5.1	3.1
HKLR	HY/2011/03	2014-07-21	Mid-Ebb	Fine	SR4	09:20:31	2.7	Bottom	3	1	29.06	8.11	19.85	89.2	6.14	5	4.4
HKLR	HY/2011/03	2014-07-21	Mid-Ebb	Fine	SR4	09:20:18	2.7	Bottom	3	2	29.04	8.08	19.96	89.2	6.14	5.2	4
HKLR	HY/2011/03	2014-07-21	Mid-Ebb	Fine	SR5	09:15:37	1.0	Surface	1	1	28.96	8.03	15.77	82.4	5.81	1.5	2.5
HKLR	HY/2011/03	2014-07-21	Mid-Ebb	Fine	SR5	09:15:19	1.0	Surface	1	2	28.96	8.03	15.59	82.3	5.81	1.5	2.6
HKLR	HY/2011/03	2014-07-21	Mid-Ebb	Fine	SR5	09:15:11	3.8	Bottom	3	1	28.91	8.01	18.24	82.2	5.73	1.5	2.9
HKLR	HY/2011/03	2014-07-21	Mid-Ebb	Fine	SR5	09:15:28	3.8	Bottom	3	2	28.86	8	18.28	82.5	5.75	1.5	2.1
HKLR	HY/2011/03	2014-07-21	Mid-Ebb	Fine	SR10A	07:56:31	1.0	Surface	1	1	28.59	7.29	20.26	81.8	5.67	0.9	2.5
HKLR	HY/2011/03	2014-07-21	Mid-Ebb	Fine	SR10A	07:55:57	1.0	Surface	1	2	28.5	7.29	20.25	79.5	5.52	0.9	2.7
HKLR	HY/2011/03	2014-07-21	Mid-Ebb	Fine	SR10A	07:56:20	3.3	Middle	2	1	28.29	7.26	22.35	78.4	5.39	1.1	2.7
HKLR	HY/2011/03	2014-07-21	Mid-Ebb	Fine	SR10A	07:55:50	3.3	Middle	2	2	28.25	7.27	22.51	77.6	5.33	1.2	2.4
HKLR	HY/2011/03	2014-07-21	Mid-Ebb	Fine	SR10A	07:55:41	5.6	Bottom	3	1	28.23	7.28	22.65	78.1	5.37	1.1	3
HKLR	HY/2011/03	2014-07-21	Mid-Ebb	Fine	SR10A	07:56:12	5.6	Bottom	3	2	28.25	7.25	22.68	79.4	5.46	1	2.9
HKLR	HY/2011/03	2014-07-21	Mid-Ebb	Fine	SR10B	07:41:04	1.0	Surface	1	1	28.08	7.23	22.78	75.8	5.22	1.6	2.3
HKLR	HY/2011/03	2014-07-21	Mid-Ebb	Fine	SR10B	07:40:45	1.0	Surface	1	2	28.08	7.24	22.74	75.7	5.21	1.5	2
HKLR	HY/2011/03	2014-07-21	Mid-Ebb	Fine	SR10B	07:40:37	4.1	Bottom	3	1	28.08	7.23	22.79	75.6	5.2	2	2.9
HKLR	HY/2011/03	2014-07-21	Mid-Ebb	Fine	SR10B	07:40:55	4.1	Bottom	3	2	28.08	7.25	22.8	75.7	5.21	2.1	3.1
HKLR	HY/2011/03	2014-07-21	Mid-Ebb	Fine	CS2	10:33:40	1.0	Surface	1	1	29.13	8.06	14.34	79.2	5.62	2.2	2.6
HKLR	HY/2011/03	2014-07-21	Mid-Ebb	Fine	CS2	10:34:10	1.0	Surface	1	2	29.16	8.05	14.35	81.5	5.77	2.2	3.2
HKLR	HY/2011/03	2014-07-21	Mid-Ebb	Fine	CS2	10:33:59	4.0	Middle	2	1	28.74	8.01	16.3	80.9	5.52	2.5	3.1
HKLR	HY/2011/03	2014-07-21	Mid-Ebb	Fine	CS2	10:33:30	4.0	Middle	2	2	28.58	8.01	16.81	78.1	5.38	2.4	2.7
HKLR	HY/2011/03	2014-07-21	Mid-Ebb	Fine	CS2	10:33:21	7.0	Bottom	3	1	28.16	7.92	22.61	74.2	5.24	2.5	2.8
HKLR	HY/2011/03	2014-07-21	Mid-Ebb	Fine	CS2	10:33:52	7.0	Bottom	3	2	28.76	7.96	21.88	80.6	5.51	2.4	2.6
HKLR	HY/2011/03	2014-07-21	Mid-Ebb	Fine	CS(Mf)5	08:37:24	1.0	Surface	1	1	28.79	7.88	17.7	79.3	5.55	2.4	2.2
HKLR	HY/2011/03	2014-07-21	Mid-Ebb	Fine	CS(Mf)5	08:36:49	1.0	Surface	1	2	28.67	7.84	17.78	78.4	5.36	2.3	2.1

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-07-21	Mid-Ebb	Fine	CS(Mf)5	08:36:37	6.7	Middle	2	1	28.21	7.79	20.97	77.2	5.34	3	2.8
HKLR	HY/2011/03	2014-07-21	Mid-Ebb	Fine	CS(Mf)5	08:37:08	6.7	Middle	2	2	28.16	7.83	20.68	75.3	5.13	2.8	3.2
HKLR	HY/2011/03	2014-07-21	Mid-Ebb	Fine	CS(Mf)5	08:36:29	12.4	Bottom	3	1	27.68	7.75	25.2	74.1	5.14	2.5	2.4
HKLR	HY/2011/03	2014-07-21	Mid-Ebb	Fine	CS(Mf)5	08:37:02	12.4	Bottom	3	2	28.07	7.79	24.9	72.6	5.05	2.8	3.1
HKLR	HY/2011/03	2014-07-21	Mid-Flood	Fine	IS5	14:22:25	1.0	Surface	1	1	29.5	8.17	20.82	96.1	6.53	4.5	3.7
HKLR	HY/2011/03	2014-07-21	Mid-Flood	Fine	IS5	14:23:01	1.0	Surface	1	2	29.45	8.18	20.88	93.1	6.33	5	3.6
HKLR	HY/2011/03	2014-07-21	Mid-Flood	Fine	IS5	14:22:10	4.2	Middle	2	1	29.27	8.12	21.48	90.1	6.13	5.5	3.2
HKLR	HY/2011/03	2014-07-21	Mid-Flood	Fine	IS5	14:22:53	4.2	Middle	2	2	29.23	8.14	21.59	89.3	6.07	5.8	4.9
HKLR	HY/2011/03	2014-07-21	Mid-Flood	Fine	IS5	14:21:54	7.4	Bottom	3	1	29.1	8.09	21.73	88.1	6	6	3.8
HKLR	HY/2011/03	2014-07-21	Mid-Flood	Fine	IS5	14:22:42	7.4	Bottom	3	2	29.14	8.12	21.7	88.8	6.04	5.8	4.8
HKLR	HY/2011/03	2014-07-21	Mid-Flood	Fine	IS(Mf)6	14:32:16	1.0	Surface	1	1	29.44	8.2	20.25	107.2	7.32	3	3.8
HKLR	HY/2011/03	2014-07-21	Mid-Flood	Fine	IS(Mf)6	14:32:32	1.0	Surface	1	2	29.39	8.19	20.27	103	7.03	3.3	2.3
HKLR	HY/2011/03	2014-07-21	Mid-Flood	Fine	IS(Mf)6	14:32:23	2.2	Bottom	3	1	29.32	8.16	21.41	105.7	7.19	4.2	4.1
HKLR	HY/2011/03	2014-07-21	Mid-Flood	Fine	IS(Mf)6	14:32:03	2.2	Bottom	3	2	29.41	8.17	21.21	103.9	7.06	4	2.6
HKLR	HY/2011/03	2014-07-21	Mid-Flood	Fine	IS7	14:39:50	1.0	Surface	1	1	29.5	8.27	20.32	101.2	6.9	6.8	4.5
HKLR	HY/2011/03	2014-07-21	Mid-Flood	Fine	IS7	14:39:33	1.0	Surface	1	2	29.44	8.25	20.38	103	7.03	7.6	3.4
HKLR	HY/2011/03	2014-07-21	Mid-Flood	Fine	IS7	14:39:40	2.2	Bottom	3	1	29.24	8.21	21.76	101	6.86	7.3	5.1
HKLR	HY/2011/03	2014-07-21	Mid-Flood	Fine	IS7	14:39:26	2.2	Bottom	3	2	29.48	8.25	21.51	105.1	7.12	7.1	5.6
HKLR	HY/2011/03	2014-07-21	Mid-Flood	Fine	IS8	15:10:01	1.0	Surface	1	1	29.56	8.2	18.62	96.3	6.62	5.3	4.4
HKLR	HY/2011/03	2014-07-21	Mid-Flood	Fine	IS8	15:09:34	1.0	Surface	1	2	29.48	8.17	18.71	95.2	6.55	5.6	3.2
HKLR	HY/2011/03	2014-07-21	Mid-Flood	Fine	IS8	15:09:43	2.5	Bottom	3	1	29.27	8.17	19.09	94.8	6.53	7.6	2.9
HKLR	HY/2011/03	2014-07-21	Mid-Flood	Fine	IS8	15:09:26	2.5	Bottom	3	2	29.33	8.14	19.03	94.7	6.52	7.3	3
HKLR	HY/2011/03	2014-07-21	Mid-Flood	Fine	IS(Mf)9	14:50:44	1.0	Surface	1	1	30.08	8.28	19.46	111.4	7.56	3.4	2.6
HKLR	HY/2011/03	2014-07-21	Mid-Flood	Fine	IS(Mf)9	14:50:23	1.0	Surface	1	2	30.01	8.27	19.87	112.1	7.59	3.6	3.4
HKLR	HY/2011/03	2014-07-21	Mid-Flood	Fine	IS(Mf)9	14:50:16	2.3	Bottom	3	1	29.98	8.26	20.33	111.6	7.55	5.5	2.1
HKLR	HY/2011/03	2014-07-21	Mid-Flood	Fine	IS(Mf)9	14:50:34	2.3	Bottom	3	2	29.99	8.26	20.32	111	7.51	5.3	3.4
HKLR	HY/2011/03	2014-07-21	Mid-Flood	Fine	IS10	15:44:09	1.0	Surface	1	1	29.8	8.14	13.19	85.4	6.02	5.2	2.1
HKLR	HY/2011/03	2014-07-21	Mid-Flood	Fine	IS10	15:44:43	1.0	Surface	1	2	29.42	8.1	14.98	83.5	5.76	5.2	2.7
HKLR	HY/2011/03	2014-07-21	Mid-Flood	Fine	IS10	15:44:33	5.3	Middle	2	1	27.86	8.01	22.39	76	5.34	5.5	3.1
HKLR	HY/2011/03	2014-07-21	Mid-Flood	Fine	IS10	15:43:45	5.3	Middle	2	2	28.09	8.02	22.26	74.8	5.15	5.5	3.9
HKLR	HY/2011/03	2014-07-21	Mid-Flood	Fine	IS10	15:43:28	9.6	Bottom	3	1	27.59	7.99	24.21	71.2	4.92	5.6	3
HKLR	HY/2011/03	2014-07-21	Mid-Flood	Fine	IS10	15:44:24	9.6	Bottom	3	2	27.72	7.99	24.21	71.2	4.93	5.5	2.9
HKLR	HY/2011/03	2014-07-21	Mid-Flood	Fine	SR3	14:07:39	0.8	Middle	2	1	29.53	8.04	20.62	103	7.01	3.8	2.8
HKLR	HY/2011/03	2014-07-21	Mid-Flood	Fine	SR3	14:07:32	0.8	Middle	2	2	29.53	7.98	20.6	102.9	7	3.8	5
HKLR	HY/2011/03	2014-07-21	Mid-Flood	Fine	SR4	15:01:17	1.0	Surface	1	1	29.55	8.17	18.84	93.3	6.41	13.9	4.2
HKLR	HY/2011/03	2014-07-21	Mid-Flood	Fine	SR4	15:01:32	1.0	Surface	1	2	29.53	8.17	18.91	92.5	6.35	13.4	5
HKLR	HY/2011/03	2014-07-21	Mid-Flood	Fine	SR4	15:01:10	2.6	Bottom	3	1	29.55	8.17	18.85	93.5	6.42	15.9	5.2
HKLR	HY/2011/03	2014-07-21	Mid-Flood	Fine	SR4	15:01:25	2.6	Bottom	3	2	29.52	8.17	18.93	92.7	6.36	16.6	6
HKLR	HY/2011/03	2014-07-21	Mid-Flood	Fine	SR5	15:32:45	1.0	Surface	1	1	29.14	8.12	16.28	86.1	6.04	4.8	2.9
HKLR	HY/2011/03	2014-07-21	Mid-Flood	Fine	SR5	15:32:59	1.0	Surface	1	2	29.04	8.12	15.11	85.6	6.05	4.8	2.1
HKLR	HY/2011/03	2014-07-21	Mid-Flood	Fine	SR5	15:32:37	4.3	Bottom	3	1	28.78	8.06	20.73	86.4	5.95	4.9	3
HKLR	HY/2011/03	2014-07-21	Mid-Flood	Fine	SR5	15:32:52	4.3	Bottom	3	2	28.93	8.07	20.78	85.7	5.88	4.7	2.4
HKLR	HY/2011/03	2014-07-21	Mid-Flood	Fine	SR10A	16:17:59	1.0	Surface	1	1	28.44	8.09	21.83	76.3	5.25	1	2.5
HKLR	HY/2011/03	2014-07-21	Mid-Flood	Fine	SR10A	16:17:15	1.0	Surface	1	2	28.4	8.09	21.85	77.1	5.31	1.1	2.1
HKLR	HY/2011/03	2014-07-21	Mid-Flood	Fine	SR10A	16:16:48	3.4	Middle	2	1	27.81	8.08	24.44	75.3	5.13	1.7	2.2
HKLR	HY/2011/03	2014-07-21	Mid-Flood	Fine	SR10A	16:17:38	3.4	Middle	2	2	27.82	8.09	24.33	74.9	5.06	1.7	2.6
HKLR	HY/2011/03	2014-07-21	Mid-Flood	Fine	SR10A	16:17:30	5.8	Bottom	3	1	27.88	8.09	24.45	70.9	4.86	1.8	2.2
HKLR	HY/2011/03	2014-07-21	Mid-Flood	Fine	SR10A	16:16:40	5.8	Bottom	3	2	27.98	8.08	25	71.8	4.92	1.9	2.9
HKLR	HY/2011/03	2014-07-21	Mid-Flood	Fine	SR10B	16:32:10	1.0	Surface	1	1	28.65	8.14	20.69	76.6	5.29	1.2	2.9
HKLR	HY/2011/03	2014-07-21	Mid-Flood	Fine	SR10B	16:31:45	1.0	Surface	1	2	28.52	8.11	21.37	76.1	5.24	1	2.2
HKLR	HY/2011/03	2014-07-21	Mid-Flood	Fine	SR10B	16:31:29	4.3	Bottom	3	1	27.91	8.1	24.33	73.8	5.06	2	3.1
HKLR	HY/2011/03	2014-07-21	Mid-Flood	Fine	SR10B	16:31:56	4.3	Bottom	3	2	27.93	8.1	24.2	73.2	5.02	1.9	2.3
HKLR	HY/2011/03	2014-07-21	Mid-Flood	Fine	CS2	14:11:51	1.0	Surface	1	1	29.76	8.27	13.05	81.2	5.59	3.5	3.1
HKLR	HY/2011/03	2014-07-21	Mid-Flood	Fine	CS2	14:12:27	1.0	Surface	1	2	29.79	8.2	12.96	77.6	5.48	3.4	2.2
HKLR	HY/2011/03	2014-07-21	Mid-Flood	Fine	CS2	14:11:36	4.0	Middle	2	1	28.13	8.19	21.97	77.1	5.45	3.3	2.2
HKLR	HY/2011/03	2014-07-21	Mid-Flood	Fine	CS2	14:12:12	4.0	Middle	2	2	28.12	8.09	21.45	76.6	5.28	3.3	2.1

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-07-21	Mid-Flood	Fine	CS2	14:11:19	7.0	Bottom	3	1	27.89	8.26	23.38	69.5	4.8	3.3	2.7
HKLR	HY/2011/03	2014-07-21	Mid-Flood	Fine	CS2	14:12:01	7.0	Bottom	3	2	27.91	8.11	23.22	69.4	4.81	3.5	3.1
HKLR	HY/2011/03	2014-07-21	Mid-Flood	Fine	CS(Mf)5	15:44:45	1.0	Surface	1	1	29.48	8.19	19.06	87.7	6.02	1.7	3.3
HKLR	HY/2011/03	2014-07-21	Mid-Flood	Fine	CS(Mf)5	15:44:00	1.0	Surface	1	2	29.48	8.18	19.03	87.5	6.01	1.5	2.4
HKLR	HY/2011/03	2014-07-21	Mid-Flood	Fine	CS(Mf)5	15:43:42	6.8	Middle	2	1	27.9	8.07	23.69	74.6	5.13	2.6	3.4
HKLR	HY/2011/03	2014-07-21	Mid-Flood	Fine	CS(Mf)5	15:44:27	6.8	Middle	2	2	27.98	8.07	23.6	78.4	5.39	2.4	3.9
HKLR	HY/2011/03	2014-07-21	Mid-Flood	Fine	CS(Mf)5	15:43:30	12.6	Bottom	3	1	27.57	8.07	24.6	69.6	4.79	2.4	2.6
HKLR	HY/2011/03	2014-07-21	Mid-Flood	Fine	CS(Mf)5	15:44:13	12.6	Bottom	3	2	27.66	8.08	24.37	71.5	4.91	2.3	3.6
HKLR	HY/2011/03	2014-07-23	Mid-Ebb	Sunny	IS5	12:19:20	1.0	Surface	1	1	30.17	8.19	17.7	88.1	6.03	5.8	3.2
HKLR	HY/2011/03	2014-07-23	Mid-Ebb	Sunny	IS5	12:20:01	1.0	Surface	1	2	30.25	8.21	17.33	88.2	6.04	5.6	4.1
HKLR	HY/2011/03	2014-07-23	Mid-Ebb	Sunny	IS5	12:19:00	4.2	Middle	2	1	29.08	8.11	24.54	78.7	5.21	5.7	3.1
HKLR	HY/2011/03	2014-07-23	Mid-Ebb	Sunny	IS5	12:19:42	4.2	Middle	2	2	29.06	8.12	24.8	78.5	5.19	5.7	4.1
HKLR	HY/2011/03	2014-07-23	Mid-Ebb	Sunny	IS5	12:18:49	7.3	Bottom	3	1	29.07	8.12	26.59	76.8	5.1	5.8	4.2
HKLR	HY/2011/03	2014-07-23	Mid-Ebb	Sunny	IS5	12:19:32	7.3	Bottom	3	2	29.09	8.11	26.54	77	5.11	5.8	4.1
HKLR	HY/2011/03	2014-07-23	Mid-Ebb	Sunny	IS(Mf)6	12:10:23	1.0	Surface	1	1	30.48	8.19	19.72	93.6	6.3	6.4	4.7
HKLR	HY/2011/03	2014-07-23	Mid-Ebb	Sunny	IS(Mf)6	12:10:09	1.0	Surface	1	2	30.52	8.19	19.71	92.9	6.25	6.5	4.5
HKLR	HY/2011/03	2014-07-23	Mid-Ebb	Sunny	IS(Mf)6	12:10:14	2.1	Bottom	3	1	30.19	8.14	21.45	94	6.3	6.6	4.4
HKLR	HY/2011/03	2014-07-23	Mid-Ebb	Sunny	IS(Mf)6	12:09:59	2.1	Bottom	3	2	30.15	8.13	21.59	91.5	6.13	6.6	4.4
HKLR	HY/2011/03	2014-07-23	Mid-Ebb	Sunny	IS7	12:01:26	1.0	Surface	1	1	29.92	8.13	20.28	89.3	6.05	8.7	5
HKLR	HY/2011/03	2014-07-23	Mid-Ebb	Sunny	IS7	12:01:48	1.0	Surface	1	2	29.88	8.13	20.52	90.8	6.14	8.7	5.7
HKLR	HY/2011/03	2014-07-23	Mid-Ebb	Sunny	IS7	12:01:34	2.0	Bottom	3	1	29.89	8.13	20.61	91.4	6.18	8.9	6.8
HKLR	HY/2011/03	2014-07-23	Mid-Ebb	Sunny	IS7	12:01:18	2.0	Bottom	3	2	29.84	8.11	20.65	89.9	6.09	8.7	5.9
HKLR	HY/2011/03	2014-07-23	Mid-Ebb	Sunny	IS8	11:37:05	1.0	Surface	1	1	29.92	8.09	19.51	90	6.12	8.4	5.4
HKLR	HY/2011/03	2014-07-23	Mid-Ebb	Sunny	IS8	11:37:25	1.0	Surface	1	2	29.68	8.07	19.69	83.4	5.69	8.2	4.6
HKLR	HY/2011/03	2014-07-23	Mid-Ebb	Sunny	IS8	11:37:16	3.1	Bottom	3	1	28.93	8	21.56	84.2	5.76	8.5	6
HKLR	HY/2011/03	2014-07-23	Mid-Ebb	Sunny	IS8	11:36:56	3.1	Bottom	3	2	29.65	8.06	21.63	90.1	6.08	8.4	4.6
HKLR	HY/2011/03	2014-07-23	Mid-Ebb	Sunny	IS(Mf)9	11:53:16	1.0	Surface	1	1	30.03	8.1	19.67	93	6.31	7.4	4.6
HKLR	HY/2011/03	2014-07-23	Mid-Ebb	Sunny	IS(Mf)9	11:53:31	1.0	Surface	1	2	30.05	8.11	19.65	92.8	6.29	7.3	6.2
HKLR	HY/2011/03	2014-07-23	Mid-Ebb	Sunny	IS(Mf)9	11:53:22	2.8	Bottom	3	1	30.03	8.1	19.85	93.3	6.32	7.5	6.8
HKLR	HY/2011/03	2014-07-23	Mid-Ebb	Sunny	IS(Mf)9	11:53:07	2.8	Bottom	3	2	30.03	8.09	19.95	94.1	6.37	7.6	7.1
HKLR	HY/2011/03	2014-07-23	Mid-Ebb	Sunny	IS10	12:25:35	1.0	Surface	1	1	30.32	8.2	17.23	99.8	6.82	3.4	3.3
HKLR	HY/2011/03	2014-07-23	Mid-Ebb	Sunny	IS10	12:25:42	1.0	Surface	1	2	30.31	8.21	17.24	99.9	6.84	3.5	3.3
HKLR	HY/2011/03	2014-07-23	Mid-Ebb	Sunny	IS10	11:43:38	1.9	Middle	2	1	30.4	8.08	18.33	97.9	6.64	9.5	2.7
HKLR	HY/2011/03	2014-07-23	Mid-Ebb	Sunny	IS10	11:43:25	1.9	Middle	2	2	30.4	8.1	18.3	98.7	6.7	9.1	2.4
HKLR	HY/2011/03	2014-07-23	Mid-Ebb	Sunny	IS10	11:43:18	2.8	Bottom	3	1	30.37	8.09	18.44	99.4	6.75	9.4	3.6
HKLR	HY/2011/03	2014-07-23	Mid-Ebb	Sunny	IS10	11:43:30	2.8	Bottom	3	2	30.38	8.09	18.42	98.5	6.69	9.5	4.2
HKLR	HY/2011/03	2014-07-23	Mid-Ebb	Sunny	SR3	10:13:15	1.0	Middle	2	1	29.43	7.32	17.64	92.4	6.4	1.4	4.2
HKLR	HY/2011/03	2014-07-23	Mid-Ebb	Sunny	SR3	10:13:48	1.0	Middle	2	2	29.43	7.34	17.63	92.4	6.4	1.5	4.1
HKLR	HY/2011/03	2014-07-23	Mid-Ebb	Sunny	SR4	10:13:05	1.0	Surface	1	1	29.3	7.31	18.23	91.6	6.34	1.4	6.1
HKLR	HY/2011/03	2014-07-23	Mid-Ebb	Sunny	SR4	10:13:38	1.0	Surface	1	2	29.33	7.33	18.07	91.5	6.34	1.6	6.3
HKLR	HY/2011/03	2014-07-23	Mid-Ebb	Sunny	SR4	10:12:54	5.3	Bottom	3	1	29.32	7.3	18.22	92	6.36	1.5	6.6
HKLR	HY/2011/03	2014-07-23	Mid-Ebb	Sunny	SR4	10:13:27	5.3	Bottom	3	2	29.28	7.32	18.6	91.7	6.33	1.5	6.4
HKLR	HY/2011/03	2014-07-23	Mid-Ebb	Sunny	SR5	10:07:34	1.0	Surface	1	1	28.85	7.23	20.68	86.5	5.95	2.5	2.8
HKLR	HY/2011/03	2014-07-23	Mid-Ebb	Sunny	SR5	10:07:20	1.0	Surface	1	2	28.83	7.23	20.71	87.4	6.01	2.6	3.7
HKLR	HY/2011/03	2014-07-23	Mid-Ebb	Sunny	SR5	10:07:14	4.1	Bottom	3	1	28.83	7.23	20.76	88	6.05	2.5	3.3
HKLR	HY/2011/03	2014-07-23	Mid-Ebb	Sunny	SR5	10:07:25	4.1	Bottom	3	2	28.84	7.23	20.7	86.9	5.98	2.4	4.2
HKLR	HY/2011/03	2014-07-23	Mid-Ebb	Sunny	SR10A	10:55:57	1.0	Surface	1	1	29.52	7.62	16.39	83.9	5.84	6.1	2.7
HKLR	HY/2011/03	2014-07-23	Mid-Ebb	Sunny	SR10A	10:56:36	1.0	Surface	1	2	29.53	7.71	16.24	82.8	5.77	5.9	2.8
HKLR	HY/2011/03	2014-07-23	Mid-Ebb	Sunny	SR10A	10:55:39	6.9	Middle	2	1	28.58	7.45	19.54	73.7	5.09	6.2	3.2
HKLR	HY/2011/03	2014-07-23	Mid-Ebb	Sunny	SR10A	10:56:23	6.9	Middle	2	2	29.03	7.58	19.94	76.1	5.16	5.9	3.2
HKLR	HY/2011/03	2014-07-23	Mid-Ebb	Sunny	SR10A	10:55:27	12.7	Bottom	3	1	27.44	7.41	27.5	73.3	5.06	7.3	3.3
HKLR	HY/2011/03	2014-07-23	Mid-Ebb	Sunny	SR10A	10:56:12	12.7	Bottom	3	2	27.46	7.49	27.35	69.6	4.79	7.5	3
HKLR	HY/2011/03	2014-07-23	Mid-Ebb	Sunny	SR10B	17:02:25	1.0	Surface	1	1	30.68	7.9	20.29	132.9	8.88	8.2	3
HKLR	HY/2011/03	2014-07-23	Mid-Ebb	Sunny	SR10B	17:01:19	1.0	Surface	1	2	30.75	7.67	20.28	130.7	8.73	8.4	3
HKLR	HY/2011/03	2014-07-23	Mid-Ebb	Sunny	SR10B	17:00:58	4.4	Bottom	3	1	29.28	7.28	22.81	79.1	5.34	8.5	3.9
HKLR	HY/2011/03	2014-07-23	Mid-Ebb	Sunny	SR10B	17:02:02	4.4	Bottom	3	2	29.19	7.42	23.02	78.4	5.3	8.5	3.3

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-07-23	Mid-Ebb	Sunny	CS2	17:00:44	1.0	Surface	1	1	28.65	7.2	24.26	78.8	5.33	8.5	3.4
HKLR	HY/2011/03	2014-07-23	Mid-Ebb	Sunny	CS2	17:01:44	1.0	Surface	1	2	28.67	7.31	24.15	79.2	5.36	8.5	3.6
HKLR	HY/2011/03	2014-07-23	Mid-Ebb	Sunny	CS2	17:07:00	1.5	Middle	2	1	30.93	8.35	20.24	146	9.73	5.5	3.5
HKLR	HY/2011/03	2014-07-23	Mid-Ebb	Sunny	CS2	17:07:20	1.5	Middle	2	2	30.92	8.38	20.27	142.6	9.5	5.3	2.3
HKLR	HY/2011/03	2014-07-23	Mid-Ebb	Sunny	CS2	17:07:07	1.9	Bottom	3	1	30.36	8.25	21.37	138.7	9.27	5.5	2.1
HKLR	HY/2011/03	2014-07-23	Mid-Ebb	Sunny	CS2	17:06:47	1.9	Bottom	3	2	30.71	8.29	20.68	144.3	9.63	5.5	2.3
HKLR	HY/2011/03	2014-07-23	Mid-Ebb	Sunny	CS(Mf)5	17:14:26	1.0	Surface	1	1	31.07	8.34	20.14	125	8.31	5.8	3
HKLR	HY/2011/03	2014-07-23	Mid-Ebb	Sunny	CS(Mf)5	17:14:44	1.0	Surface	1	2	31.04	8.39	20.16	132.3	8.8	5.9	2.7
HKLR	HY/2011/03	2014-07-23	Mid-Ebb	Sunny	CS(Mf)5	17:14:33	1.1	Middle	2	1	29.81	8.3	21.97	130.3	8.76	5.8	2.5
HKLR	HY/2011/03	2014-07-23	Mid-Ebb	Sunny	CS(Mf)5	17:14:19	1.1	Middle	2	2	29.75	8.28	22.05	131.1	8.82	5.7	2.9
HKLR	HY/2011/03	2014-07-23	Mid-Ebb	Sunny	CS(Mf)5	17:37:31	1.1	Bottom	3	1	30.39	8.38	17.52	127.3	8.68	9.4	2.1
HKLR	HY/2011/03	2014-07-23	Mid-Ebb	Sunny	CS(Mf)5	17:38:08	1.1	Bottom	3	2	30.54	8.37	17.46	131.7	8.96	9.7	2.4
HKLR	HY/2011/03	2014-07-23	Mid-Flood	Sunny	IS5	17:37:59	1.0	Surface	1	1	30.69	8.3	19.18	131.8	8.87	9.6	4.6
HKLR	HY/2011/03	2014-07-23	Mid-Flood	Sunny	IS5	17:37:21	1.0	Surface	1	2	30.41	8.35	19	128.3	8.68	9.6	5.5
HKLR	HY/2011/03	2014-07-23	Mid-Flood	Sunny	IS5	17:22:03	1.8	Middle	2	1	30.73	8.39	19.38	133.6	8.97	6.6	4.1
HKLR	HY/2011/03	2014-07-23	Mid-Flood	Sunny	IS5	17:22:23	1.8	Middle	2	2	30.66	8.39	19.17	132.4	8.91	6.6	4
HKLR	HY/2011/03	2014-07-23	Mid-Flood	Sunny	IS5	17:21:53	2.6	Bottom	3	1	30.76	8.35	20.3	131.8	8.8	6.5	5
HKLR	HY/2011/03	2014-07-23	Mid-Flood	Sunny	IS5	17:22:11	2.6	Bottom	3	2	30.61	8.33	20.37	132.5	8.87	6.6	5.2
HKLR	HY/2011/03	2014-07-23	Mid-Flood	Sunny	IS(Mf)6	16:50:11	1.0	Surface	1	1	30.69	7.56	20.44	145.1	9.69	4.7	3.8
HKLR	HY/2011/03	2014-07-23	Mid-Flood	Sunny	IS(Mf)6	16:50:18	1.0	Surface	1	2	30.64	7.55	20.53	144.6	9.67	4.5	4.5
HKLR	HY/2011/03	2014-07-25	Mid-Ebb	Sunny	IS5	12:57:56	1.0	Surface	1	1	30.2	8.23	19.53	101.5	6.86	7.8	6.7
HKLR	HY/2011/03	2014-07-25	Mid-Ebb	Sunny	IS5	12:58:41	1.0	Surface	1	2	30.13	8.31	19.63	103	6.95	7.6	6.2
HKLR	HY/2011/03	2014-07-25	Mid-Ebb	Sunny	IS5	12:57:47	4.5	Middle	2	1	30	8.11	19.54	91.8	6.21	8.7	7.5
HKLR	HY/2011/03	2014-07-25	Mid-Ebb	Sunny	IS5	12:58:27	4.5	Middle	2	2	29.9	8.26	20.25	91.4	6.18	8.9	6.8
HKLR	HY/2011/03	2014-07-25	Mid-Ebb	Sunny	IS5	12:58:10	8.0	Bottom	3	1	29.26	8.15	24.5	87.2	5.81	10.8	8
HKLR	HY/2011/03	2014-07-25	Mid-Ebb	Sunny	IS5	12:57:34	8.0	Bottom	3	2	29.41	7.86	23.39	86.1	5.77	10.7	8.1
HKLR	HY/2011/03	2014-07-25	Mid-Ebb	Sunny	IS(Mf)6	12:49:12	1.0	Surface	1	1	29.99	8.37	18.56	112.5	7.65	12.3	7.3
HKLR	HY/2011/03	2014-07-25	Mid-Ebb	Sunny	IS(Mf)6	12:48:35	1.0	Surface	1	2	29.96	8.32	18.46	111.8	7.61	12	7.2
HKLR	HY/2011/03	2014-07-25	Mid-Ebb	Sunny	IS(Mf)6	12:48:27	2.4	Bottom	3	1	30	8.26	18.35	108.1	7.37	13.7	6.9
HKLR	HY/2011/03	2014-07-25	Mid-Ebb	Sunny	IS(Mf)6	12:49:03	2.4	Bottom	3	2	29.99	8.31	18.99	109.7	7.45	13.9	6.4
HKLR	HY/2011/03	2014-07-25	Mid-Ebb	Sunny	IS7	12:40:37	1.0	Surface	1	1	29.98	8.36	18.49	113.7	7.74	11.7	5.9
HKLR	HY/2011/03	2014-07-25	Mid-Ebb	Sunny	IS7	12:40:12	1.0	Surface	1	2	29.94	8.27	18.5	109.9	7.48	11.6	5.6
HKLR	HY/2011/03	2014-07-25	Mid-Ebb	Sunny	IS7	12:40:01	2.4	Bottom	3	1	30	8.14	18.32	105.7	7.21	12.1	5.6
HKLR	HY/2011/03	2014-07-25	Mid-Ebb	Sunny	IS7	12:40:28	2.4	Bottom	3	2	29.99	8.28	18.89	108.4	7.37	12.4	6.6
HKLR	HY/2011/03	2014-07-25	Mid-Ebb	Sunny	IS8	12:18:51	1.0	Surface	1	1	29.87	8.27	18.23	100.3	6.84	10.4	5.8
HKLR	HY/2011/03	2014-07-25	Mid-Ebb	Sunny	IS8	12:18:17	1.0	Surface	1	2	29.88	8.28	18.2	103.4	7.06	10.2	4.9
HKLR	HY/2011/03	2014-07-25	Mid-Ebb	Sunny	IS8	12:17:56	2.6	Bottom	3	1	29.6	8.05	20.55	93.9	6.37	12.9	5.7
HKLR	HY/2011/03	2014-07-25	Mid-Ebb	Sunny	IS8	12:18:38	2.6	Bottom	3	2	29.74	8.17	19.6	95.9	6.52	13.1	5.6
HKLR	HY/2011/03	2014-07-25	Mid-Ebb	Sunny	IS(Mf)9	12:34:32	1.0	Surface	1	1	29.91	8.3	17.71	109.9	7.52	10.2	4.2
HKLR	HY/2011/03	2014-07-25	Mid-Ebb	Sunny	IS(Mf)9	12:35:05	1.0	Surface	1	2	29.88	8.32	17.96	108.9	7.44	10.5	4
HKLR	HY/2011/03	2014-07-25	Mid-Ebb	Sunny	IS(Mf)9	12:34:18	2.4	Bottom	3	1	29.82	8.17	18.74	101.6	6.94	13.3	4.1
HKLR	HY/2011/03	2014-07-25	Mid-Ebb	Sunny	IS(Mf)9	12:34:49	2.4	Bottom	3	2	29.83	8.23	19.23	104.3	7.1	13.6	3.7
HKLR	HY/2011/03	2014-07-25	Mid-Ebb	Sunny	IS10	12:17:49	1.0	Surface	1	1	30	8.2	15.56	90.8	6.15	5.8	3
HKLR	HY/2011/03	2014-07-25	Mid-Ebb	Sunny	IS10	12:18:55	1.0	Surface	1	2	29.91	8.2	15.71	93.1	6.46	5.8	3.7
HKLR	HY/2011/03	2014-07-25	Mid-Ebb	Sunny	IS10	12:17:36	5.3	Middle	2	1	29.05	8.15	18.48	82.1	5.7	6.3	2.4
HKLR	HY/2011/03	2014-07-25	Mid-Ebb	Sunny	IS10	12:18:40	5.3	Middle	2	2	29.45	8.16	18.26	86.8	5.88	6.6	3.1
HKLR	HY/2011/03	2014-07-25	Mid-Ebb	Sunny	IS10	12:17:27	9.6	Bottom	3	1	29.11	8.13	22.75	77.7	5.36	6.6	3
HKLR	HY/2011/03	2014-07-25	Mid-Ebb	Sunny	IS10	12:18:04	9.6	Bottom	3	2	28.56	8.11	24.23	85.4	5.78	6.6	3.3
HKLR	HY/2011/03	2014-07-25	Mid-Ebb	Sunny	SR3	13:10:20	0.8	Middle	2	1	30.19	8.33	19.75	108.7	7.33	7.6	3.2
HKLR	HY/2011/03	2014-07-25	Mid-Ebb	Sunny	SR3	13:10:24	0.8	Middle	2	2	30.18	8.34	19.58	109.9	7.4	7	3.7
HKLR	HY/2011/03	2014-07-25	Mid-Ebb	Sunny	SR4	12:29:08	1.0	Surface	1	1	29.9	8.32	18.42	109.5	7.46	10.4	3.9
HKLR	HY/2011/03	2014-07-25	Mid-Ebb	Sunny	SR4	12:28:17	1.0	Surface	1	2	29.91	8.3	18.21	108.4	7.4	10.7	4.5
HKLR	HY/2011/03	2014-07-25	Mid-Ebb	Sunny	SR4	12:28:09	2.4	Bottom	3	1	29.86	8.24	19.06	103	7.01	14.5	5.2
HKLR	HY/2011/03	2014-07-25	Mid-Ebb	Sunny	SR4	12:28:55	2.4	Bottom	3	2	29.85	8.24	19.1	104.8	7.14	14.8	4.5
HKLR	HY/2011/03	2014-07-25	Mid-Ebb	Sunny	SR5	12:26:14	1.0	Surface	1	1	29.71	8.19	15.82	91.4	6.37	3.7	2.6
HKLR	HY/2011/03	2014-07-25	Mid-Ebb	Sunny	SR5	12:26:40	1.0	Surface	1	2	29.99	8.22	15.6	98.7	6.85	3.6	2.8

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-07-25	Mid-Ebb	Sunny	SR5	12:26:24	4.3	Bottom	3	1	29.52	8.17	17.99	92.5	6.39	3.5	2.7
HKLR	HY/2011/03	2014-07-25	Mid-Ebb	Sunny	SR5	12:26:05	4.3	Bottom	3	2	29.49	8.16	18.02	90.9	6.28	3.6	2.9
HKLR	HY/2011/03	2014-07-25	Mid-Ebb	Sunny	SR10A	11:02:06	1.0	Surface	1	1	29.08	7.24	19.78	92.6	6.34	1.5	3.5
HKLR	HY/2011/03	2014-07-25	Mid-Ebb	Sunny	SR10A	11:01:24	1.0	Surface	1	2	29.11	7.23	20.06	92.3	6.33	1.5	2.9
HKLR	HY/2011/03	2014-07-25	Mid-Ebb	Sunny	SR10A	11:01:55	3.3	Middle	2	1	29.05	7.23	20.26	91.7	6.28	1.5	3
HKLR	HY/2011/03	2014-07-25	Mid-Ebb	Sunny	SR10A	11:01:14	3.3	Middle	2	2	28.96	7.22	20.18	91.8	6.29	1.5	2.9
HKLR	HY/2011/03	2014-07-25	Mid-Ebb	Sunny	SR10A	11:00:51	5.5	Bottom	3	1	29.02	7.22	20.3	91.7	6.29	1.7	3
HKLR	HY/2011/03	2014-07-25	Mid-Ebb	Sunny	SR10A	11:01:36	5.5	Bottom	3	2	28.89	7.21	20.44	91.5	6.27	1.6	2.4
HKLR	HY/2011/03	2014-07-25	Mid-Ebb	Sunny	SR10B	10:49:08	1.0	Surface	1	1	29.18	7.23	19.39	93.2	6.4	1.5	3.6
HKLR	HY/2011/03	2014-07-25	Mid-Ebb	Sunny	SR10B	10:48:12	1.0	Surface	1	2	29.21	7.2	19.2	93.1	6.39	1.6	3.1
HKLR	HY/2011/03	2014-07-25	Mid-Ebb	Sunny	SR10B	10:48:00	4.6	Bottom	3	1	28.96	7.21	20.3	89.6	6.15	1.7	4.2
HKLR	HY/2011/03	2014-07-25	Mid-Ebb	Sunny	SR10B	10:48:58	4.6	Bottom	3	2	29.03	7.21	20.22	90.7	6.22	1.7	4.8
HKLR	HY/2011/03	2014-07-25	Mid-Ebb	Sunny	CS2	13:46:50	1.0	Surface	1	1	30.04	8.17	16.26	89.3	6.17	6.5	2.8
HKLR	HY/2011/03	2014-07-25	Mid-Ebb	Sunny	CS2	13:46:21	1.0	Surface	1	2	30.07	8.17	16.24	88.2	6.09	6.6	2.7
HKLR	HY/2011/03	2014-07-25	Mid-Ebb	Sunny	CS2	13:46:11	4.0	Middle	2	1	29.42	8.15	18.23	83.2	5.75	6.6	2.5
HKLR	HY/2011/03	2014-07-25	Mid-Ebb	Sunny	CS2	13:46:39	4.0	Middle	2	2	29.44	8.15	18.14	86.2	5.95	6.4	2.2
HKLR	HY/2011/03	2014-07-25	Mid-Ebb	Sunny	CS2	13:45:58	7.0	Bottom	3	1	29.3	8.12	20.53	86.5	5.91	6.3	2.3
HKLR	HY/2011/03	2014-07-25	Mid-Ebb	Sunny	CS2	13:46:31	7.0	Bottom	3	2	29.6	8.14	19.74	90.3	6.17	6.6	2.7
HKLR	HY/2011/03	2014-07-25	Mid-Ebb	Sunny	CS(Mf)5	11:39:49	1.0	Surface	1	1	29.19	7.87	18.28	88.2	6.08	5.4	4.4
HKLR	HY/2011/03	2014-07-25	Mid-Ebb	Sunny	CS(Mf)5	11:38:35	1.0	Surface	1	2	29.27	7.42	18.29	88.1	6.08	5.7	4.4
HKLR	HY/2011/03	2014-07-25	Mid-Ebb	Sunny	CS(Mf)5	11:39:23	6.7	Middle	2	1	28.95	7.63	19.71	81.5	5.61	5.7	4.2
HKLR	HY/2011/03	2014-07-25	Mid-Ebb	Sunny	CS(Mf)5	11:38:18	6.7	Middle	2	2	29.05	7.32	18.8	83.8	5.78	5.7	2.7
HKLR	HY/2011/03	2014-07-25	Mid-Ebb	Sunny	CS(Mf)5	11:37:58	12.4	Bottom	3	1	28.46	7.21	20.69	74.9	5.18	6.8	4.7
HKLR	HY/2011/03	2014-07-25	Mid-Ebb	Sunny	CS(Mf)5	11:38:56	12.4	Bottom	3	2	28.37	7.44	22.19	75.5	5.17	6.5	4
HKLR	HY/2011/03	2014-07-25	Mid-Flood	Sunny	IS5	18:01:34	1.0	Surface	1	1	30.84	8.43	18.71	132.2	8.87	9.6	5
HKLR	HY/2011/03	2014-07-25	Mid-Flood	Sunny	IS5	18:02:31	1.0	Surface	1	2	30.78	8.49	18.67	132.8	8.91	9.8	5.2
HKLR	HY/2011/03	2014-07-25	Mid-Flood	Sunny	IS5	18:02:21	4.6	Middle	2	1	30.55	8.43	19.29	121.5	8.17	11.7	3.9
HKLR	HY/2011/03	2014-07-25	Mid-Flood	Sunny	IS5	18:01:26	4.6	Middle	2	2	30.51	8.37	18.98	120.1	8.08	11.3	4.2
HKLR	HY/2011/03	2014-07-25	Mid-Flood	Sunny	IS5	18:02:06	8.2	Bottom	3	1	29.79	8.29	20.73	108.8	7.33	13.3	5.1
HKLR	HY/2011/03	2014-07-25	Mid-Flood	Sunny	IS5	18:01:13	8.2	Bottom	3	2	29.62	8.16	21.16	106.3	7.18	13.5	6
HKLR	HY/2011/03	2014-07-25	Mid-Flood	Sunny	IS(Mf)6	18:13:56	1.0	Surface	1	1	30.24	8.49	19.07	124.9	8.43	9.4	6.9
HKLR	HY/2011/03	2014-07-25	Mid-Flood	Sunny	IS(Mf)6	18:13:13	1.0	Surface	1	2	30.28	8.42	18.93	124.3	8.4	9.7	6.9
HKLR	HY/2011/03	2014-07-25	Mid-Flood	Sunny	IS(Mf)6	18:13:34	2.4	Bottom	3	1	30.16	8.45	19.44	122.1	8.25	10.2	6.1
HKLR	HY/2011/03	2014-07-25	Mid-Flood	Sunny	IS(Mf)6	18:13:01	2.4	Bottom	3	2	30.18	8.42	19.29	118.7	8.03	10.4	5.9
HKLR	HY/2011/03	2014-07-25	Mid-Flood	Sunny	IS7	18:22:49	1.0	Surface	1	1	30.27	8.49	19.05	126.4	8.53	16	6.6
HKLR	HY/2011/03	2014-07-25	Mid-Flood	Sunny	IS7	18:23:29	1.0	Surface	1	2	30.3	8.5	19	128.4	8.67	15.9	5.8
HKLR	HY/2011/03	2014-07-25	Mid-Flood	Sunny	IS7	18:23:21	2.4	Bottom	3	1	30.29	8.49	19.3	126.7	8.56	18.2	6.5
HKLR	HY/2011/03	2014-07-25	Mid-Flood	Sunny	IS7	18:22:39	2.4	Bottom	3	2	30.22	8.47	19.41	124.4	8.41	18.4	6.5
HKLR	HY/2011/03	2014-07-25	Mid-Flood	Sunny	IS8	18:51:18	1.0	Surface	1	1	29.9	8.46	18.17	126.5	8.62	18	6.7
HKLR	HY/2011/03	2014-07-25	Mid-Flood	Sunny	IS8	18:51:26	1.0	Surface	1	2	29.89	8.45	18.15	125.5	8.57	17.6	7.2
HKLR	HY/2011/03	2014-07-25	Mid-Flood	Sunny	IS8	18:50:55	2.6	Bottom	3	1	30.04	8.45	18.36	124.5	8.5	23.3	6.3
HKLR	HY/2011/03	2014-07-25	Mid-Flood	Sunny	IS8	18:51:22	2.6	Bottom	3	2	30	8.47	18.16	123.9	8.46	23.1	7.1
HKLR	HY/2011/03	2014-07-25	Mid-Flood	Sunny	IS(Mf)9	18:31:43	1.0	Surface	1	1	30.34	8.53	18.97	132.8	8.96	11.8	5.8
HKLR	HY/2011/03	2014-07-25	Mid-Flood	Sunny	IS(Mf)9	18:31:06	1.0	Surface	1	2	30.35	8.5	18.94	131.8	8.89	11.6	5.9
HKLR	HY/2011/03	2014-07-25	Mid-Flood	Sunny	IS(Mf)9	18:30:53	2.4	Bottom	3	1	30.34	8.36	19.23	129.4	8.74	14.8	5.3
HKLR	HY/2011/03	2014-07-25	Mid-Flood	Sunny	IS(Mf)9	18:31:33	2.4	Bottom	3	2	30.4	8.52	19.12	131.2	8.85	15	4.8
HKLR	HY/2011/03	2014-07-25	Mid-Flood	Sunny	IS10	19:04:32	1.0	Surface	1	1	30.2	8.21	16.13	95.1	6.56	5.7	3.3
HKLR	HY/2011/03	2014-07-25	Mid-Flood	Sunny	IS10	19:05:26	1.0	Surface	1	2	30.17	8.21	16.18	94.6	6.52	6	4.3
HKLR	HY/2011/03	2014-07-25	Mid-Flood	Sunny	IS10	19:04:13	5.3	Middle	2	1	29.35	8.11	18.72	75.5	5.12	6.5	3.7
HKLR	HY/2011/03	2014-07-25	Mid-Flood	Sunny	IS10	19:05:09	5.3	Middle	2	2	29.35	8.12	18.89	79.9	5.5	6.8	3
HKLR	HY/2011/03	2014-07-25	Mid-Flood	Sunny	IS10	19:04:00	9.6	Bottom	3	1	28.15	8.07	25.38	71.9	4.96	6.8	2.1
HKLR	HY/2011/03	2014-07-25	Mid-Flood	Sunny	IS10	19:04:47	9.6	Bottom	3	2	27.86	8.11	25.8	72.8	5.03	6.9	2.7
HKLR	HY/2011/03	2014-07-25	Mid-Flood	Sunny	SR3	17:49:32	0.8	Middle	2	1	30.89	8.42	18.49	147.2	9.86	7.8	5.5
HKLR	HY/2011/03	2014-07-25	Mid-Flood	Sunny	SR3	17:49:29	0.8	Middle	2	2	30.99	8.41	18.49	146.1	9.79	8.1	4.9
HKLR	HY/2011/03	2014-07-25	Mid-Flood	Sunny	SR4	18:40:11	1.0	Surface	1	1	29.96	8.48	18.55	127.7	8.69	19.4	4.2
HKLR	HY/2011/03	2014-07-25	Mid-Flood	Sunny	SR4	18:39:40	1.0	Surface	1	2	29.97	8.48	18.55	128.2	8.72	19.1	4.9

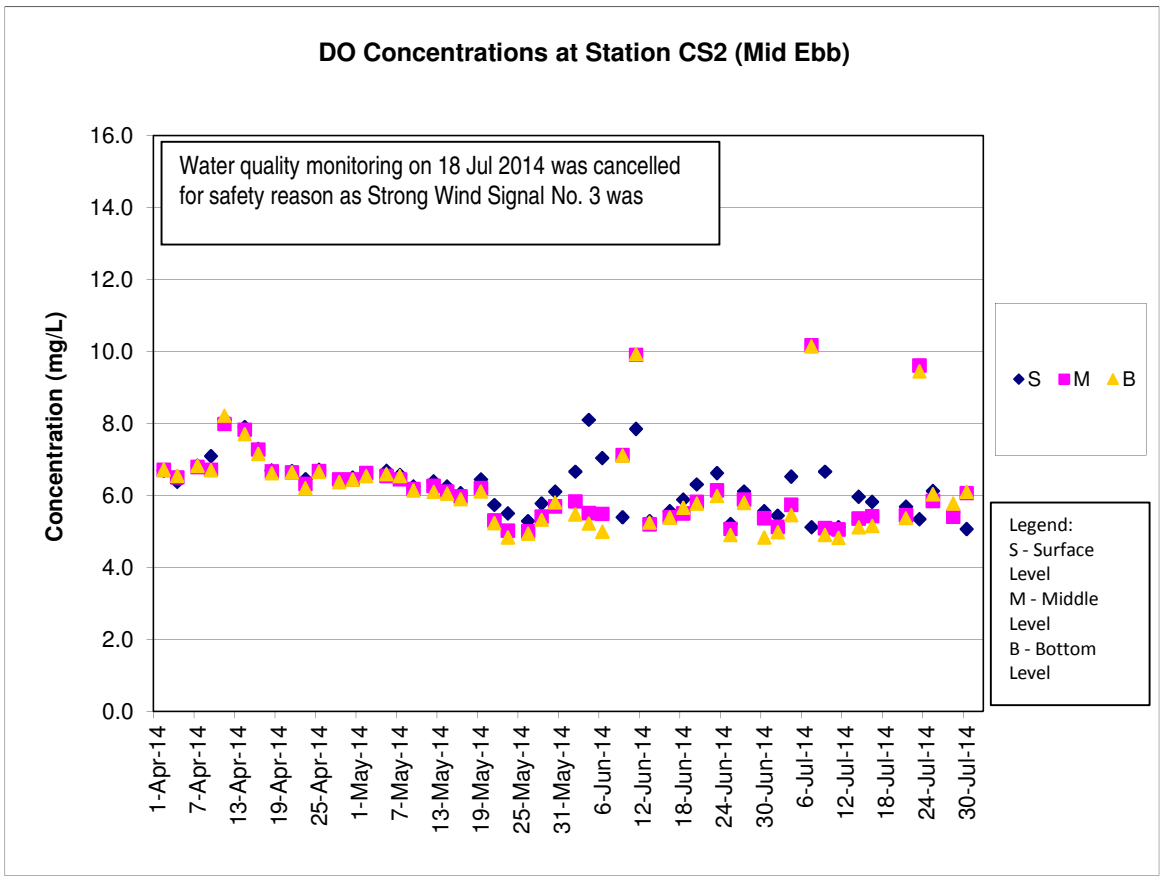
Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-07-25	Mid-Flood	Sunny	SR4	18:40:00	2.4	Bottom	3	1	30.04	8.48	18.49	127.2	8.66	22.2	5.4
HKLR	HY/2011/03	2014-07-25	Mid-Flood	Sunny	SR4	18:38:46	2.4	Bottom	3	2	30.08	8.47	18.48	128.2	8.72	22	5.1
HKLR	HY/2011/03	2014-07-25	Mid-Flood	Sunny	SR5	18:54:43	1.0	Surface	1	1	30.19	8.21	16.02	98.1	6.77	4.5	4.9
HKLR	HY/2011/03	2014-07-25	Mid-Flood	Sunny	SR5	18:54:17	1.0	Surface	1	2	30.2	8.18	15.63	94.4	6.53	4.6	5.5
HKLR	HY/2011/03	2014-07-25	Mid-Flood	Sunny	SR5	18:54:04	4.3	Bottom	3	1	29.41	8.14	18.63	89.3	6.15	5.5	4.8
HKLR	HY/2011/03	2014-07-25	Mid-Flood	Sunny	SR5	18:54:29	4.3	Bottom	3	2	29.68	8.16	18.1	94.1	6.47	5.4	4.1
HKLR	HY/2011/03	2014-07-25	Mid-Flood	Sunny	SR10A	20:00:17	1.0	Surface	1	1	28.78	8.22	21.46	76.9	5.25	2.9	3.1
HKLR	HY/2011/03	2014-07-25	Mid-Flood	Sunny	SR10A	19:59:26	1.0	Surface	1	2	28.95	8.15	20.88	77.1	5.28	3.1	2.3
HKLR	HY/2011/03	2014-07-25	Mid-Flood	Sunny	SR10A	19:59:16	3.2	Middle	2	1	28.55	8.1	22.14	74.1	5.05	3.3	2.8
HKLR	HY/2011/03	2014-07-25	Mid-Flood	Sunny	SR10A	20:00:06	3.2	Middle	2	2	28.6	8.21	22.09	73.9	5.06	3.3	3.3
HKLR	HY/2011/03	2014-07-25	Mid-Flood	Sunny	SR10A	19:59:37	5.4	Bottom	3	1	28.05	8.14	24.63	74.2	5.04	4.2	2.6
HKLR	HY/2011/03	2014-07-25	Mid-Flood	Sunny	SR10A	19:58:31	5.4	Bottom	3	2	27.74	7.53	24.75	73.5	5.02	4.5	3.4
HKLR	HY/2011/03	2014-07-25	Mid-Flood	Sunny	SR10B	20:11:08	1.0	Surface	1	1	28.93	8.25	20.68	78.7	5.38	2.7	3.3
HKLR	HY/2011/03	2014-07-25	Mid-Flood	Sunny	SR10B	20:11:40	1.0	Surface	1	2	28.81	8.25	21.26	78.6	5.37	2.7	3.7
HKLR	HY/2011/03	2014-07-25	Mid-Flood	Sunny	SR10B	20:10:54	4.5	Bottom	3	1	28.54	8.2	23.05	76.8	5.23	3.2	2.2
HKLR	HY/2011/03	2014-07-25	Mid-Flood	Sunny	SR10B	20:11:19	4.5	Bottom	3	2	28.48	8.23	23.71	77.3	5.25	3.4	3
HKLR	HY/2011/03	2014-07-25	Mid-Flood	Sunny	CS2	17:36:10	1.0	Surface	1	1	30.03	8.09	14.84	89.8	6.25	4.4	3.8
HKLR	HY/2011/03	2014-07-25	Mid-Flood	Sunny	CS2	17:36:39	1.0	Surface	1	2	30.03	8.09	14.67	90	6.27	4.4	3.4
HKLR	HY/2011/03	2014-07-25	Mid-Flood	Sunny	CS2	17:36:00	4.0	Middle	2	1	30.04	8.09	15.36	88.9	6.17	4.4	4.7
HKLR	HY/2011/03	2014-07-25	Mid-Flood	Sunny	CS2	17:36:31	4.0	Middle	2	2	30.03	8.09	15.28	89.3	6.2	4.4	3.2
HKLR	HY/2011/03	2014-07-25	Mid-Flood	Sunny	CS2	17:35:41	7.0	Bottom	3	1	29.94	8.05	16.7	89.2	6.16	4.5	3.4
HKLR	HY/2011/03	2014-07-25	Mid-Flood	Sunny	CS2	17:36:21	7.0	Bottom	3	2	30.01	8.07	16.45	89.2	6.16	4.6	3.5
HKLR	HY/2011/03	2014-07-25	Mid-Flood	Sunny	CS(Mf)5	19:24:06	1.0	Surface	1	1	29.36	8.27	19.26	85.8	5.88	3.1	3.9
HKLR	HY/2011/03	2014-07-25	Mid-Flood	Sunny	CS(Mf)5	19:24:55	1.0	Surface	1	2	29.27	8.28	19.21	86	5.89	3.1	3.9
HKLR	HY/2011/03	2014-07-25	Mid-Flood	Sunny	CS(Mf)5	19:23:51	6.7	Middle	2	1	29.19	8.22	19.68	77.4	5.3	3.5	3.9
HKLR	HY/2011/03	2014-07-25	Mid-Flood	Sunny	CS(Mf)5	19:24:41	6.7	Middle	2	2	29.3	8.24	19.66	77.9	5.33	3.9	2.6
HKLR	HY/2011/03	2014-07-25	Mid-Flood	Sunny	CS(Mf)5	19:23:14	12.4	Bottom	3	1	28.11	8.09	24.4	73.8	5.03	4.9	3.7
HKLR	HY/2011/03	2014-07-25	Mid-Flood	Sunny	CS(Mf)5	19:24:23	12.4	Bottom	3	2	28.15	8.16	23.72	73.7	5.02	4.7	2.9
HKLR	HY/2011/03	2014-07-28	Mid-Ebb	Sunny	IS5	12:57:04	1.0	Surface	1	1	29.32	7.99	22.32	74.7	5.05	10.4	8.2
HKLR	HY/2011/03	2014-07-28	Mid-Ebb	Sunny	IS5	12:56:35	1.0	Surface	1	2	29.3	8	22.38	74	5	10.3	7.3
HKLR	HY/2011/03	2014-07-28	Mid-Ebb	Sunny	IS5	12:56:54	4.3	Middle	2	1	29.13	7.99	22.71	74.1	5.01	10.3	8
HKLR	HY/2011/03	2014-07-28	Mid-Ebb	Sunny	IS5	12:56:22	4.3	Middle	2	2	29.2	8	22.64	73.9	5	10.5	8.6
HKLR	HY/2011/03	2014-07-28	Mid-Ebb	Sunny	IS5	12:56:08	7.5	Bottom	3	1	29.22	8.01	22.71	73	4.94	10.6	8.2
HKLR	HY/2011/03	2014-07-28	Mid-Ebb	Sunny	IS5	12:56:45	7.5	Bottom	3	2	29.14	7.99	22.85	73.3	4.96	10.5	7.4
HKLR	HY/2011/03	2014-07-28	Mid-Ebb	Sunny	IS(Mf)6	13:09:00	1.0	Surface	1	1	29.8	8	21.37	79.3	5.35	10.3	2.9
HKLR	HY/2011/03	2014-07-28	Mid-Ebb	Sunny	IS(Mf)6	13:08:41	1.0	Surface	1	2	29.78	8	21.19	79.4	5.36	10.4	4.2
HKLR	HY/2011/03	2014-07-28	Mid-Ebb	Sunny	IS(Mf)6	13:08:33	2.3	Bottom	3	1	29.79	8	22.37	80.5	5.4	10.4	2.8
HKLR	HY/2011/03	2014-07-28	Mid-Ebb	Sunny	IS(Mf)6	13:08:48	2.3	Bottom	3	2	29.52	7.99	22.49	78.5	5.29	10.6	2.7
HKLR	HY/2011/03	2014-07-28	Mid-Ebb	Sunny	IS7	13:14:58	1.0	Surface	1	1	29.5	8.01	20.58	82.4	5.61	5.1	3
HKLR	HY/2011/03	2014-07-28	Mid-Ebb	Sunny	IS7	13:14:42	1.0	Surface	1	2	29.75	8.01	20.32	83.2	5.65	4.9	2.4
HKLR	HY/2011/03	2014-07-28	Mid-Ebb	Sunny	IS7	13:14:50	2.2	Bottom	3	1	29.45	8	21.35	83.4	5.66	5.3	3.9
HKLR	HY/2011/03	2014-07-28	Mid-Ebb	Sunny	IS7	13:14:31	2.2	Bottom	3	2	29.48	8	21.33	82.9	5.62	5.5	2.5
HKLR	HY/2011/03	2014-07-28	Mid-Ebb	Sunny	IS8	13:36:17	1.0	Surface	1	1	29.24	7.97	21.92	76.5	5.19	8.3	3.8
HKLR	HY/2011/03	2014-07-28	Mid-Ebb	Sunny	IS8	13:36:32	1.0	Surface	1	2	29.25	7.96	21.66	74.5	5.05	8.1	4
HKLR	HY/2011/03	2014-07-28	Mid-Ebb	Sunny	IS8	13:36:24	2.8	Bottom	3	1	29.08	7.94	22.44	72.4	4.92	8.2	4
HKLR	HY/2011/03	2014-07-28	Mid-Ebb	Sunny	IS8	13:36:05	2.8	Bottom	3	2	29.22	7.97	22.03	78.8	5.35	8.4	3.9
HKLR	HY/2011/03	2014-07-28	Mid-Ebb	Sunny	IS(Mf)9	13:21:34	1.0	Surface	1	1	30.07	8.06	20.85	90.2	6.07	5.4	5.4
HKLR	HY/2011/03	2014-07-28	Mid-Ebb	Sunny	IS(Mf)9	13:21:52	1.0	Surface	1	2	29.68	8.06	20.89	89.1	6.04	5.5	5.1
HKLR	HY/2011/03	2014-07-28	Mid-Ebb	Sunny	IS(Mf)9	13:21:43	2.7	Bottom	3	1	29.69	8.05	20.94	90.6	6.13	5.5	5
HKLR	HY/2011/03	2014-07-28	Mid-Ebb	Sunny	IS(Mf)9	13:21:26	2.7	Bottom	3	2	29.81	8.06	20.85	89.1	6.03	5.5	5.5
HKLR	HY/2011/03	2014-07-28	Mid-Ebb	Sunny	IS10	14:13:54	1.0	Surface	1	1	29.59	8.07	18.45	73.9	5.08	8.7	5.4
HKLR	HY/2011/03	2014-07-28	Mid-Ebb	Sunny	IS10	14:15:29	1.0	Surface	1	2	29.45	8.06	18.82	73.8	5.08	8.7	4.8
HKLR	HY/2011/03	2014-07-28	Mid-Ebb	Sunny	IS10	14:14:54	5.0	Middle	2	1	29.26	8.07	20.38	77.9	5.64	8.9	5.3
HKLR	HY/2011/03	2014-07-28	Mid-Ebb	Sunny	IS10	14:13:34	5.0	Middle	2	2	29.11	8.07	20.68	77.5	5.62	8.9	5.2
HKLR	HY/2011/03	2014-07-28	Mid-Ebb	Sunny	IS10	14:13:19	9.0	Bottom	3	1	28.17	8.04	23.75	77.8	5.64	8.5	5.5
HKLR	HY/2011/03	2014-07-28	Mid-Ebb	Sunny	IS10	14:14:28	9.0	Bottom	3	2	28.4	8.05	24.17	73.6	5.32	8.8	4.6

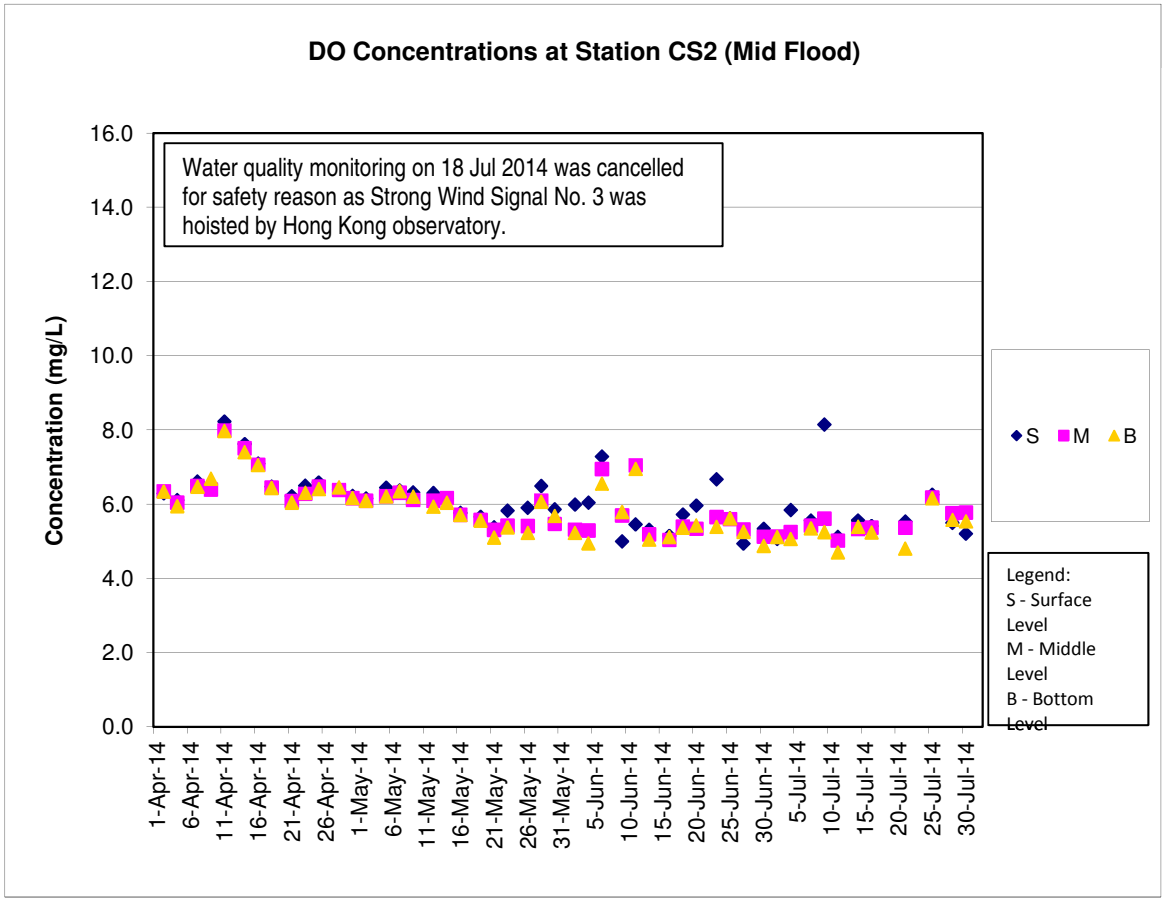
Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-07-28	Mid-Ebb	Sunny	SR3	12:46:50	0.7	Middle	2	1	29.4	8.11	22.22	79.3	5.36	7.5	6
HKLR	HY/2011/03	2014-07-28	Mid-Ebb	Sunny	SR3	12:46:55	0.7	Middle	2	2	29.38	8.11	22.24	78.9	5.33	7.5	5.2
HKLR	HY/2011/03	2014-07-28	Mid-Ebb	Sunny	SR4	13:31:05	1.0	Surface	1	1	29.32	8.01	21.03	82.7	5.63	3	3.1
HKLR	HY/2011/03	2014-07-28	Mid-Ebb	Sunny	SR4	13:30:50	1.0	Surface	1	2	29.37	8.01	21	82.4	5.61	3	3.8
HKLR	HY/2011/03	2014-07-28	Mid-Ebb	Sunny	SR4	13:30:44	2.7	Bottom	3	1	29.4	8.01	21.04	81.7	5.56	3.1	3.6
HKLR	HY/2011/03	2014-07-28	Mid-Ebb	Sunny	SR4	13:30:58	2.7	Bottom	3	2	29.32	8.01	21.1	82.3	5.61	3	3
HKLR	HY/2011/03	2014-07-28	Mid-Ebb	Sunny	SR5	13:57:33	1.0	Surface	1	1	30.03	8.06	17.97	78.7	5.39	7.7	2.2
HKLR	HY/2011/03	2014-07-28	Mid-Ebb	Sunny	SR5	13:56:57	1.0	Surface	1	2	29.9	8.06	18.31	77.9	5.33	7.9	4.3
HKLR	HY/2011/03	2014-07-28	Mid-Ebb	Sunny	SR5	13:57:08	4.0	Bottom	3	1	29.62	8.04	19.61	77.3	5.28	7.4	3.8
HKLR	HY/2011/03	2014-07-28	Mid-Ebb	Sunny	SR5	13:56:36	4.0	Bottom	3	2	29.52	8.05	19.69	76.2	5.21	7.7	2.7
HKLR	HY/2011/03	2014-07-28	Mid-Ebb	Sunny	SR10A	14:41:51	1.0	Surface	1	1	28.99	7.97	22.77	89.1	6.15	2.1	2.2
HKLR	HY/2011/03	2014-07-28	Mid-Ebb	Sunny	SR10A	14:42:31	1.0	Surface	1	2	29.55	7.98	21.87	92.7	6.37	2.1	2.1
HKLR	HY/2011/03	2014-07-28	Mid-Ebb	Sunny	SR10A	14:41:41	3.4	Middle	2	1	28.83	7.97	22.94	88.1	6.1	2.1	3.4
HKLR	HY/2011/03	2014-07-28	Mid-Ebb	Sunny	SR10A	14:42:20	3.4	Middle	2	2	29.14	7.97	22.52	89.7	6.19	2.1	2.4
HKLR	HY/2011/03	2014-07-28	Mid-Ebb	Sunny	SR10A	14:42:02	5.7	Bottom	3	1	28.59	7.96	23.62	87.8	6.08	2.1	3.1
HKLR	HY/2011/03	2014-07-28	Mid-Ebb	Sunny	SR10A	14:41:32	5.7	Bottom	3	2	28.78	7.97	23.25	88.6	6.12	2.2	3.4
HKLR	HY/2011/03	2014-07-28	Mid-Ebb	Sunny	SR10B	14:52:00	1.0	Surface	1	1	29.15	7.96	22.47	89.9	6.2	2.1	2.6
HKLR	HY/2011/03	2014-07-28	Mid-Ebb	Sunny	SR10B	14:51:42	1.0	Surface	1	2	29.04	7.96	22.58	89.2	6.17	2.1	2.4
HKLR	HY/2011/03	2014-07-28	Mid-Ebb	Sunny	SR10B	14:51:50	4.1	Bottom	3	1	29.02	7.96	22.82	89.5	6.18	2.3	2
HKLR	HY/2011/03	2014-07-28	Mid-Ebb	Sunny	SR10B	14:51:34	4.1	Bottom	3	2	28.97	7.96	22.92	89.1	6.15	2.1	4.1
HKLR	HY/2011/03	2014-07-28	Mid-Ebb	Sunny	CS2	12:32:03	1.0	Surface	1	1	29.47	8.18	19.46	75.2	5.15	5.8	4.7
HKLR	HY/2011/03	2014-07-28	Mid-Ebb	Sunny	CS2	12:32:58	1.0	Surface	1	2	29.32	8.15	19.85	82	5.93	5.5	3.9
HKLR	HY/2011/03	2014-07-28	Mid-Ebb	Sunny	CS2	12:31:37	3.6	Middle	2	1	28.5	8.18	23.99	75.3	5.43	5.5	4.3
HKLR	HY/2011/03	2014-07-28	Mid-Ebb	Sunny	CS2	12:32:36	3.6	Middle	2	2	28.42	8.13	24.62	74.7	5.39	5.6	5.6
HKLR	HY/2011/03	2014-07-28	Mid-Ebb	Sunny	CS2	12:32:24	6.2	Bottom	3	1	28.41	8.13	24.75	77.9	5.6	5.7	4.8
HKLR	HY/2011/03	2014-07-28	Mid-Ebb	Sunny	CS2	12:31:08	6.2	Bottom	3	2	28.36	8.26	25.12	78.4	5.96	5.4	3.6
HKLR	HY/2011/03	2014-07-28	Mid-Ebb	Sunny	CS(Mf)5	14:06:59	1.0	Surface	1	1	29.19	7.94	20.84	84.4	5.87	5.5	3.7
HKLR	HY/2011/03	2014-07-28	Mid-Ebb	Sunny	CS(Mf)5	14:06:11	1.0	Surface	1	2	29	7.95	21.49	85.2	5.92	5.6	3.5
HKLR	HY/2011/03	2014-07-28	Mid-Ebb	Sunny	CS(Mf)5	14:06:46	6.0	Middle	2	1	28.13	7.92	24.42	78.9	5.48	7.5	6
HKLR	HY/2011/03	2014-07-28	Mid-Ebb	Sunny	CS(Mf)5	14:05:53	6.0	Middle	2	2	27.91	7.92	24.83	78.1	5.44	7.1	5.6
HKLR	HY/2011/03	2014-07-28	Mid-Ebb	Sunny	CS(Mf)5	14:05:40	10.9	Bottom	3	1	27.31	7.91	27.39	81.7	5.67	7.7	5.6
HKLR	HY/2011/03	2014-07-28	Mid-Ebb	Sunny	CS(Mf)5	14:06:29	10.9	Bottom	3	2	27.55	7.91	26.86	79.7	5.52	7.1	6.6
HKLR	HY/2011/03	2014-07-28	Mid-Flood	Sunny	IS5	07:30:36	1.0	Surface	1	1	28.9	8.02	21.07	75.6	5.18	5.7	3
HKLR	HY/2011/03	2014-07-28	Mid-Flood	Sunny	IS5	07:30:10	1.0	Surface	1	2	28.9	8.01	21.07	76.1	5.17	5.8	4.8
HKLR	HY/2011/03	2014-07-28	Mid-Flood	Sunny	IS5	07:29:59	4.2	Middle	2	1	28.77	7.99	21.32	75.5	5.13	6.6	4.2
HKLR	HY/2011/03	2014-07-28	Mid-Flood	Sunny	IS5	07:30:25	4.2	Middle	2	2	28.8	8	21.41	72.9	5	6.4	4.7
HKLR	HY/2011/03	2014-07-28	Mid-Flood	Sunny	IS5	07:29:52	7.4	Bottom	3	1	28.62	7.96	22.84	73.7	5.06	6.5	4.9
HKLR	HY/2011/03	2014-07-28	Mid-Flood	Sunny	IS5	07:30:18	7.4	Bottom	3	2	28.86	8	22.67	72.7	4.98	6.6	5.9
HKLR	HY/2011/03	2014-07-28	Mid-Flood	Sunny	IS(Mf)6	07:22:02	1.0	Surface	1	1	28.9	8	20.31	82.1	5.66	3.5	3.7
HKLR	HY/2011/03	2014-07-28	Mid-Flood	Sunny	IS(Mf)6	07:22:18	1.0	Surface	1	2	28.9	8.01	20.36	82	5.65	3.5	3.8
HKLR	HY/2011/03	2014-07-28	Mid-Flood	Sunny	IS(Mf)6	07:21:55	2.1	Bottom	3	1	28.9	8	20.36	81.9	5.64	3.6	4.4
HKLR	HY/2011/03	2014-07-28	Mid-Flood	Sunny	IS(Mf)6	07:22:10	2.1	Bottom	3	2	28.9	8.01	20.43	82.1	5.65	3.5	4.1
HKLR	HY/2011/03	2014-07-28	Mid-Flood	Sunny	IS7	07:16:13	1.0	Surface	1	1	28.95	7.98	20.21	78.5	5.41	3.3	4.9
HKLR	HY/2011/03	2014-07-28	Mid-Flood	Sunny	IS7	07:15:57	1.0	Surface	1	2	28.95	7.97	20.19	78.1	5.37	3.4	4
HKLR	HY/2011/03	2014-07-28	Mid-Flood	Sunny	IS7	07:16:05	2.3	Bottom	3	1	28.95	7.98	20.34	78.3	5.39	3.5	3.3
HKLR	HY/2011/03	2014-07-28	Mid-Flood	Sunny	IS7	07:15:49	2.3	Bottom	3	2	28.95	7.97	20.21	78.2	5.38	3.3	3.6
HKLR	HY/2011/03	2014-07-28	Mid-Flood	Sunny	IS8	06:54:08	1.0	Surface	1	1	28.88	7.9	19.74	89.6	6.28	4.5	4.7
HKLR	HY/2011/03	2014-07-28	Mid-Flood	Sunny	IS8	06:54:24	1.0	Surface	1	2	28.86	7.9	19.91	88.8	6.22	4.6	4.1
HKLR	HY/2011/03	2014-07-28	Mid-Flood	Sunny	IS8	06:54:14	3.2	Bottom	3	1	28.86	7.89	20.8	89.4	6.24	5.7	3.8
HKLR	HY/2011/03	2014-07-28	Mid-Flood	Sunny	IS8	06:53:58	3.2	Bottom	3	2	28.86	7.89	20.73	90.6	6.32	5.8	4
HKLR	HY/2011/03	2014-07-28	Mid-Flood	Sunny	IS(Mf)9	07:08:57	1.0	Surface	1	1	28.99	7.97	20.82	76.5	5.25	4	4.5
HKLR	HY/2011/03	2014-07-28	Mid-Flood	Sunny	IS(Mf)9	07:08:35	1.0	Surface	1	2	28.99	7.97	20.82	77	5.28	4.1	4.5
HKLR	HY/2011/03	2014-07-28	Mid-Flood	Sunny	IS(Mf)9	07:08:42	2.6	Bottom	3	1	28.99	7.97	20.91	76.7	5.26	4.1	5.8
HKLR	HY/2011/03	2014-07-28	Mid-Flood	Sunny	IS(Mf)9	07:08:25	2.6	Bottom	3	2	28.99	7.96	20.87	77.2	5.29	4.1	5
HKLR	HY/2011/03	2014-07-28	Mid-Flood	Sunny	IS10	07:03:20	1.0	Surface	1	1	28.3	8.04	21.87	72.4	5.3	8.4	4.8
HKLR	HY/2011/03	2014-07-28	Mid-Flood	Sunny	IS10	07:02:32	1.0	Surface	1	2	28.3	8.04	21.86	71.3	5.23	8.5	3.8

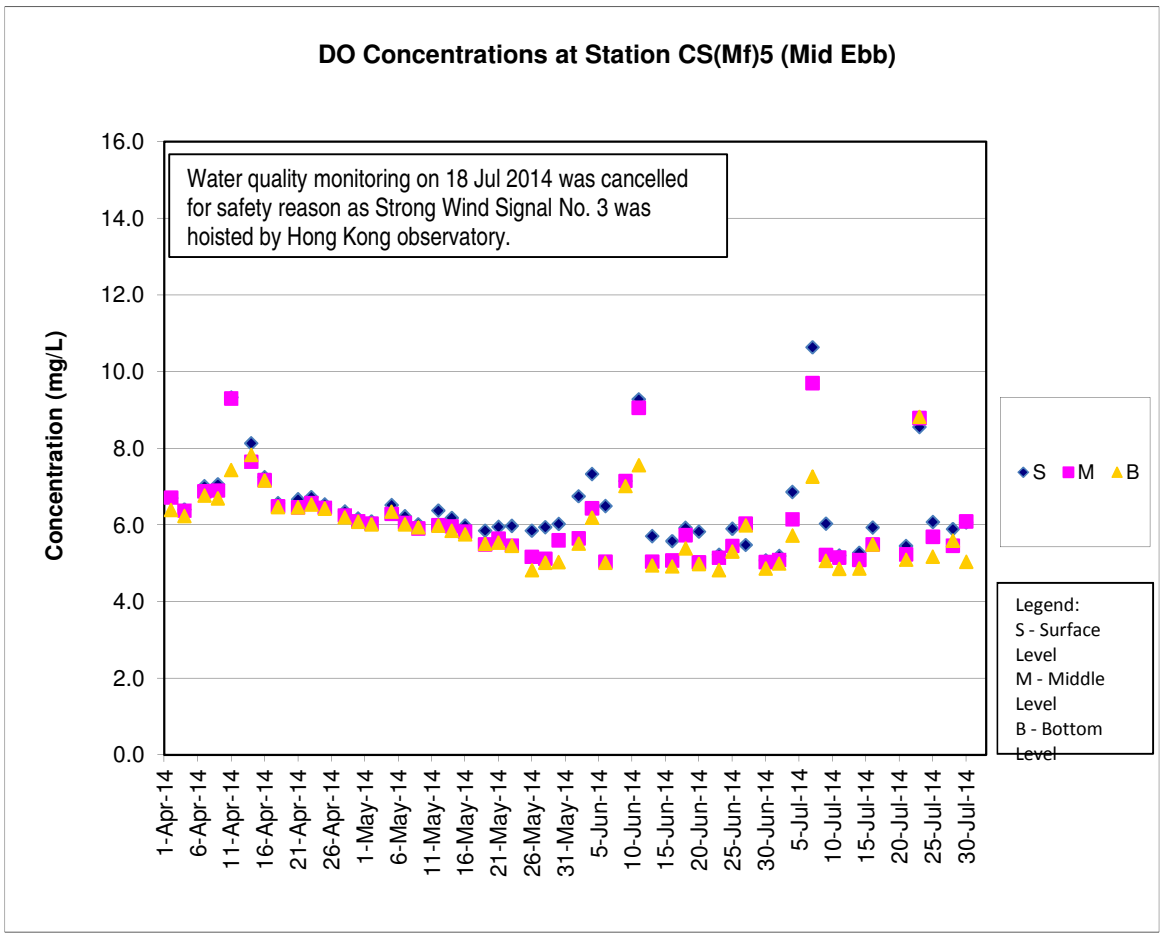
Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-07-28	Mid-Flood	Sunny	IS10	07:02:12	5.3	Middle	2	1	27.51	8.02	25.39	75.7	5.82	8.7	6
HKLR	HY/2011/03	2014-07-28	Mid-Flood	Sunny	IS10	07:03:03	5.3	Middle	2	2	27.74	8.04	22.82	76.9	5.94	8.5	5.6
HKLR	HY/2011/03	2014-07-28	Mid-Flood	Sunny	IS10	07:02:49	9.6	Bottom	3	1	27.56	8.01	25.55	70.4	5.06	8.6	5.6
HKLR	HY/2011/03	2014-07-28	Mid-Flood	Sunny	IS10	07:01:58	9.6	Bottom	3	2	27.45	8.02	25.65	77.4	5.93	8.8	4.4
HKLR	HY/2011/03	2014-07-28	Mid-Flood	Sunny	SR3	07:38:25	0.7	Middle	2	1	28.92	8.02	21.02	79.7	5.46	4.3	5.3
HKLR	HY/2011/03	2014-07-28	Mid-Flood	Sunny	SR3	07:38:17	0.7	Middle	2	2	28.92	8.02	21.03	79.6	5.46	4.3	5.2
HKLR	HY/2011/03	2014-07-28	Mid-Flood	Sunny	SR4	06:59:31	1.0	Surface	1	1	28.92	7.91	19.63	87.3	6.12	4.4	4.2
HKLR	HY/2011/03	2014-07-28	Mid-Flood	Sunny	SR4	06:59:14	1.0	Surface	1	2	28.92	7.91	19.77	88.1	6.17	4.5	3.6
HKLR	HY/2011/03	2014-07-28	Mid-Flood	Sunny	SR4	06:59:23	2.7	Bottom	3	1	28.87	7.9	20.65	87.4	6.11	4.5	3.2
HKLR	HY/2011/03	2014-07-28	Mid-Flood	Sunny	SR4	06:59:07	2.7	Bottom	3	2	28.9	7.9	20.64	89.1	6.22	4.4	4
HKLR	HY/2011/03	2014-07-28	Mid-Flood	Sunny	SR5	07:12:32	1.0	Surface	1	1	28.36	8.03	21.54	74.4	5.44	7.3	3.6
HKLR	HY/2011/03	2014-07-28	Mid-Flood	Sunny	SR5	07:12:10	1.0	Surface	1	2	28.48	8.04	20.85	74.6	5.46	7.4	3.1
HKLR	HY/2011/03	2014-07-28	Mid-Flood	Sunny	SR5	07:12:21	4.0	Bottom	3	1	28.16	8.02	23.24	74.9	5.45	7.5	4.3
HKLR	HY/2011/03	2014-07-28	Mid-Flood	Sunny	SR5	07:11:55	4.0	Bottom	3	2	28.07	8.02	23.28	74.4	5.42	7.5	2.9
HKLR	HY/2011/03	2014-07-28	Mid-Flood	Sunny	SR10A	05:56:02	1.0	Surface	1	1	28.32	7.78	23.22	79.8	5.56	3.1	2.5
HKLR	HY/2011/03	2014-07-28	Mid-Flood	Sunny	SR10A	05:55:31	1.0	Surface	1	2	28.37	7.77	23.46	80	5.57	2.8	3
HKLR	HY/2011/03	2014-07-28	Mid-Flood	Sunny	SR10A	05:55:21	3.3	Middle	2	1	27.26	7.75	26.26	79.4	5.53	3.6	4
HKLR	HY/2011/03	2014-07-28	Mid-Flood	Sunny	SR10A	05:55:51	3.3	Middle	2	2	27.22	7.77	26.37	79.9	5.55	3.5	3.2
HKLR	HY/2011/03	2014-07-28	Mid-Flood	Sunny	SR10A	05:55:07	5.5	Bottom	3	1	27.34	7.74	26.48	77.6	5.42	3.5	2.5
HKLR	HY/2011/03	2014-07-28	Mid-Flood	Sunny	SR10A	05:55:39	5.5	Bottom	3	2	27.5	7.76	26.43	77.8	5.43	3.6	3.7
HKLR	HY/2011/03	2014-07-28	Mid-Flood	Sunny	SR10B	05:49:16	1.0	Surface	1	1	26.64	7.67	27.62	72.2	5.06	4.9	3.7
HKLR	HY/2011/03	2014-07-28	Mid-Flood	Sunny	SR10B	05:49:35	1.0	Surface	1	2	26.71	7.68	27.49	72.4	5.07	4.7	5.2
HKLR	HY/2011/03	2014-07-28	Mid-Flood	Sunny	SR10B	05:49:25	4.1	Bottom	3	1	26.62	7.67	27.93	72.3	5.06	4.9	5.3
HKLR	HY/2011/03	2014-07-28	Mid-Flood	Sunny	SR10B	05:49:08	4.1	Bottom	3	2	26.6	7.66	27.91	72.4	5.07	4.9	4.4
HKLR	HY/2011/03	2014-07-28	Mid-Flood	Sunny	CS2	08:20:51	1.0	Surface	1	1	28.82	8.06	17.37	72.5	5.08	5.2	3.9
HKLR	HY/2011/03	2014-07-28	Mid-Flood	Sunny	CS2	08:21:28	1.0	Surface	1	2	28.8	8.04	18.32	77.6	5.92	5.4	2.6
HKLR	HY/2011/03	2014-07-28	Mid-Flood	Sunny	CS2	08:20:38	4.0	Middle	2	1	28.12	8.05	20.98	79.4	5.83	5.3	3.7
HKLR	HY/2011/03	2014-07-28	Mid-Flood	Sunny	CS2	08:21:12	4.0	Middle	2	2	28.16	8.02	21.19	77.6	5.69	5.4	2.9
HKLR	HY/2011/03	2014-07-28	Mid-Flood	Sunny	CS2	08:21:02	7.0	Bottom	3	1	28.4	8	23.19	71.9	5.92	5.5	3.3
HKLR	HY/2011/03	2014-07-28	Mid-Flood	Sunny	CS2	08:20:26	7.0	Bottom	3	2	28.06	8.04	23.44	76.3	5.24	5.5	3.7
HKLR	HY/2011/03	2014-07-28	Mid-Flood	Sunny	CS(Mf)5	06:23:27	1.0	Surface	1	1	28.08	7.85	23.68	76.6	5.35	3.6	3.6
HKLR	HY/2011/03	2014-07-28	Mid-Flood	Sunny	CS(Mf)5	06:24:19	1.0	Surface	1	2	27.49	7.88	24.97	72.2	5.06	3.6	2.5
HKLR	HY/2011/03	2014-07-28	Mid-Flood	Sunny	CS(Mf)5	06:24:08	6.4	Middle	2	1	26.76	7.86	27.71	72	5.05	5.5	3.1
HKLR	HY/2011/03	2014-07-28	Mid-Flood	Sunny	CS(Mf)5	06:23:10	6.4	Middle	2	2	26.95	7.82	27.51	73.4	5.12	5.2	3.1
HKLR	HY/2011/03	2014-07-28	Mid-Flood	Sunny	CS(Mf)5	06:22:34	11.7	Bottom	3	1	26.42	7.8	29.12	71.5	4.99	5.6	3.6
HKLR	HY/2011/03	2014-07-28	Mid-Flood	Sunny	CS(Mf)5	06:23:56	11.7	Bottom	3	2	26.37	7.85	29.18	70.2	4.9	5.3	3.6
HKLR	HY/2011/03	2014-07-30	Mid-Ebb	Sunny	IS5	13:56:45	1.0	Surface	1	1	29.6	7.7	21.62	78.7	5.28	7.5	6.4
HKLR	HY/2011/03	2014-07-30	Mid-Ebb	Sunny	IS5	13:57:09	1.0	Surface	1	2	29.68	7.71	21.57	78.9	5.32	7.4	6.5
HKLR	HY/2011/03	2014-07-30	Mid-Ebb	Sunny	IS5	13:56:37	4.2	Middle	2	1	29.36	7.69	22.86	77.3	5.23	7.5	5
HKLR	HY/2011/03	2014-07-30	Mid-Ebb	Sunny	IS5	13:57:01	4.2	Middle	2	2	29.45	7.69	22.54	78.5	5.27	7.4	5.5
HKLR	HY/2011/03	2014-07-30	Mid-Ebb	Sunny	IS5	13:56:31	7.3	Bottom	3	1	29.44	7.69	23.21	76.3	5.14	7.6	6.3
HKLR	HY/2011/03	2014-07-30	Mid-Ebb	Sunny	IS5	13:56:54	7.3	Bottom	3	2	29.52	7.69	23.08	76.9	5.18	7.6	7.1
HKLR	HY/2011/03	2014-07-30	Mid-Ebb	Sunny	IS(Mf)6	14:04:20	1.0	Surface	1	1	30.15	7.86	20.99	106.1	7.13	3	1.9
HKLR	HY/2011/03	2014-07-30	Mid-Ebb	Sunny	IS(Mf)6	14:04:06	1.0	Surface	1	2	30.39	7.84	20.86	104.9	7.03	3	2.2
HKLR	HY/2011/03	2014-07-30	Mid-Ebb	Sunny	IS(Mf)6	14:03:59	2.2	Bottom	3	1	30.17	7.84	21.26	106.4	7.14	3.1	2.8
HKLR	HY/2011/03	2014-07-30	Mid-Ebb	Sunny	IS(Mf)6	14:04:12	2.2	Bottom	3	2	30.13	7.83	21.33	106.2	7.13	3.2	3
HKLR	HY/2011/03	2014-07-30	Mid-Ebb	Sunny	IS7	14:10:34	1.0	Surface	1	1	30.6	7.86	20.63	109.7	7.33	3	4.1
HKLR	HY/2011/03	2014-07-30	Mid-Ebb	Sunny	IS7	14:10:21	1.0	Surface	1	2	30.65	7.87	20.58	109.8	7.33	3.2	4.4
HKLR	HY/2011/03	2014-07-30	Mid-Ebb	Sunny	IS7	14:10:12	2.2	Bottom	3	1	30.15	7.89	20.86	110.5	7.43	3.2	5.6
HKLR	HY/2011/03	2014-07-30	Mid-Ebb	Sunny	IS7	14:10:26	2.2	Bottom	3	2	30.33	7.88	20.79	109.7	7.36	3.1	5
HKLR	HY/2011/03	2014-07-30	Mid-Ebb	Sunny	IS8	14:32:21	1.0	Surface	1	1	30.42	7.84	20.57	95.7	6.41	6.5	4
HKLR	HY/2011/03	2014-07-30	Mid-Ebb	Sunny	IS8	14:32:37	1.0	Surface	1	2	29.9	7.79	20.76	89	6.01	6.6	3.9
HKLR	HY/2011/03	2014-07-30	Mid-Ebb	Sunny	IS8	14:32:09	3.1	Bottom	3	1	29.92	7.79	22.08	94.2	6.32	6.6	4.6
HKLR	HY/2011/03	2014-07-30	Mid-Ebb	Sunny	IS8	14:32:30	3.1	Bottom	3	2	29.53	7.74	22.33	92.2	6.22	6.6	4.5
HKLR	HY/2011/03	2014-07-30	Mid-Ebb	Sunny	IS(Mf)9	14:17:34	1.0	Surface	1	1	29.7	7.85	21.07	93.1	6.3	3.6	3.4
HKLR	HY/2011/03	2014-07-30	Mid-Ebb	Sunny	IS(Mf)9	14:17:19	1.0	Surface	1	2	29.69	7.85	21.21	92.1	6.23	3.5	3.7

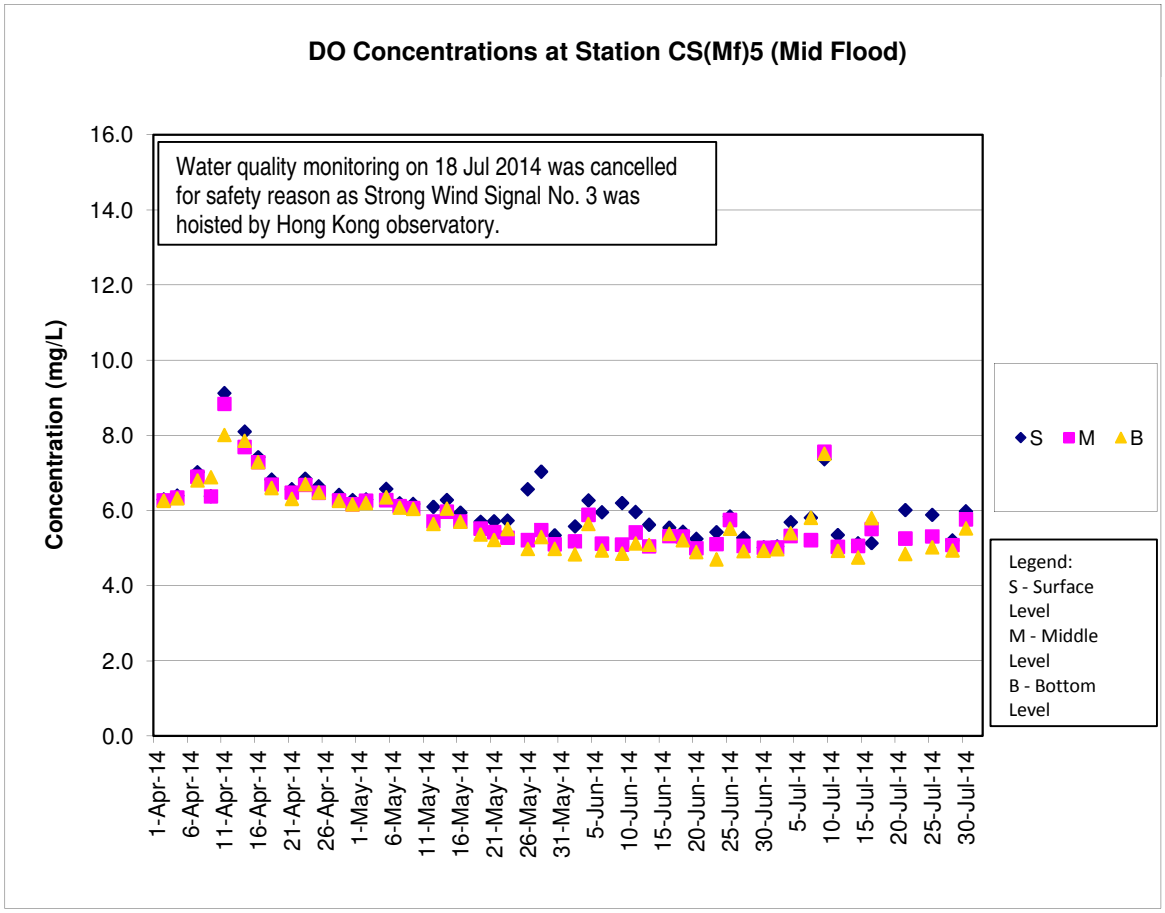
Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-07-30	Mid-Ebb	Sunny	IS(Mf)9	14:17:25	2.6	Bottom	3	1	29.66	7.84	21.92	93.2	6.28	3.8	4.3
HKLR	HY/2011/03	2014-07-30	Mid-Ebb	Sunny	IS(Mf)9	14:17:12	2.6	Bottom	3	2	29.66	7.85	21.4	92.7	6.27	3.7	4.4
HKLR	HY/2011/03	2014-07-30	Mid-Ebb	Sunny	IS10	13:45:55	1.0	Surface	1	1	29.81	7.72	21.42	86.4	5.83	4.5	2.4
HKLR	HY/2011/03	2014-07-30	Mid-Ebb	Sunny	IS10	13:45:59	1.0	Surface	1	2	29.81	7.72	21.43	86.3	5.82	4.6	2.6
HKLR	HY/2011/03	2014-07-30	Mid-Ebb	Sunny	IS10	14:26:28	1.9	Middle	2	1	30.18	7.77	20.44	88.7	5.97	5.1	3.4
HKLR	HY/2011/03	2014-07-30	Mid-Ebb	Sunny	IS10	14:26:12	1.9	Middle	2	2	30.2	7.76	20.48	89.8	6.04	5	2.9
HKLR	HY/2011/03	2014-07-30	Mid-Ebb	Sunny	IS10	14:26:04	2.7	Bottom	3	1	30.13	7.74	20.66	89.8	6.05	5	3.7
HKLR	HY/2011/03	2014-07-30	Mid-Ebb	Sunny	IS10	14:26:22	2.7	Bottom	3	2	29.98	7.73	20.8	88.6	5.98	5.1	3.7
HKLR	HY/2011/03	2014-07-30	Mid-Ebb	Sunny	SR3	15:42:19	1.1	Middle	2	1	29.96	7.8	22.01	89.4	5.99	1.8	6.2
HKLR	HY/2011/03	2014-07-30	Mid-Ebb	Sunny	SR3	15:41:47	1.1	Middle	2	2	29.8	7.8	22.22	87.6	5.88	1.8	5.3
HKLR	HY/2011/03	2014-07-30	Mid-Ebb	Sunny	SR4	15:42:08	1.0	Surface	1	1	29.48	7.78	22.78	87.7	5.9	1.8	4.2
HKLR	HY/2011/03	2014-07-30	Mid-Ebb	Sunny	SR4	15:41:38	1.0	Surface	1	2	29.4	7.78	22.88	84.8	5.71	1.9	3.5
HKLR	HY/2011/03	2014-07-30	Mid-Ebb	Sunny	SR4	15:41:29	5.5	Bottom	3	1	28.81	7.76	23.88	84.2	5.7	1.7	5.3
HKLR	HY/2011/03	2014-07-30	Mid-Ebb	Sunny	SR4	15:41:59	5.5	Bottom	3	2	29.54	7.79	22.8	88	5.91	1.7	4.7
HKLR	HY/2011/03	2014-07-30	Mid-Ebb	Sunny	SR5	15:51:40	1.0	Surface	1	1	29.68	7.78	22.35	89.2	6	1.3	3.3
HKLR	HY/2011/03	2014-07-30	Mid-Ebb	Sunny	SR5	15:52:00	1.0	Surface	1	2	29.68	7.78	22.37	89	5.98	1.3	3.6
HKLR	HY/2011/03	2014-07-30	Mid-Ebb	Sunny	SR5	15:51:48	3.9	Bottom	3	1	29.63	7.78	22.58	89	5.98	1.3	4.7
HKLR	HY/2011/03	2014-07-30	Mid-Ebb	Sunny	SR5	15:51:32	3.9	Bottom	3	2	29.68	7.79	22.5	89.2	5.99	1.4	5.1
HKLR	HY/2011/03	2014-07-30	Mid-Ebb	Sunny	SR10A	15:14:11	1.0	Surface	1	1	30.07	7.69	20.06	75.7	5.19	3.2	2.2
HKLR	HY/2011/03	2014-07-30	Mid-Ebb	Sunny	SR10A	15:13:29	1.0	Surface	1	2	30.18	7.7	19.97	75.9	5.18	3.3	2.1
HKLR	HY/2011/03	2014-07-30	Mid-Ebb	Sunny	SR10A	15:13:15	6.1	Middle	2	1	28.4	7.65	25.04	75.2	5.14	3.6	3.3
HKLR	HY/2011/03	2014-07-30	Mid-Ebb	Sunny	SR10A	15:13:54	6.1	Middle	2	2	28.25	7.63	25.02	75.2	5.15	3.8	3.3
HKLR	HY/2011/03	2014-07-30	Mid-Ebb	Sunny	SR10A	15:13:41	11.1	Bottom	3	1	26.72	7.64	29.5	74.7	5.11	3.7	3.2
HKLR	HY/2011/03	2014-07-30	Mid-Ebb	Sunny	SR10A	15:13:08	11.1	Bottom	3	2	26.68	7.64	29.09	73.4	5.02	3.7	3.5
HKLR	HY/2011/03	2014-07-30	Mid-Ebb	Sunny	SR10B	09:13:07	1.0	Surface	1	1	29.53	7.7	20.61	80.3	5.46	5.7	2.6
HKLR	HY/2011/03	2014-07-30	Mid-Ebb	Sunny	SR10B	09:13:34	1.0	Surface	1	2	29.44	7.69	20.83	78.5	5.3	5.8	2.2
HKLR	HY/2011/03	2014-07-30	Mid-Ebb	Sunny	SR10B	09:13:28	4.3	Bottom	3	1	29.3	7.67	21.24	76.8	5.23	5.8	5.4
HKLR	HY/2011/03	2014-07-30	Mid-Ebb	Sunny	SR10B	09:12:53	4.3	Bottom	3	2	29.34	7.67	21.07	76.1	5.15	5.8	5.8
HKLR	HY/2011/03	2014-07-30	Mid-Ebb	Sunny	CS2	09:12:41	1.0	Surface	1	1	28.99	7.63	23.11	74.3	5.05	5.7	1.9
HKLR	HY/2011/03	2014-07-30	Mid-Ebb	Sunny	CS2	09:13:17	1.0	Surface	1	2	29.15	7.66	23.17	74.8	5.09	5.8	1.6
HKLR	HY/2011/03	2014-07-30	Mid-Ebb	Sunny	CS2	09:05:07	1.6	Middle	2	1	29.54	7.71	20.2	88.4	6.02	3.6	1.7
HKLR	HY/2011/03	2014-07-30	Mid-Ebb	Sunny	CS2	09:04:50	1.6	Middle	2	2	29.57	7.71	20.07	89.8	6.12	3.5	1.9
HKLR	HY/2011/03	2014-07-30	Mid-Ebb	Sunny	CS2	09:04:36	2.2	Bottom	3	1	29.54	7.71	20.36	90	6.13	3.6	2.4
HKLR	HY/2011/03	2014-07-30	Mid-Ebb	Sunny	CS2	09:04:59	2.2	Bottom	3	2	29.55	7.7	20.54	89.3	6.08	3.5	2
HKLR	HY/2011/03	2014-07-30	Mid-Ebb	Sunny	CS(Mf)5	08:58:50	1.0	Surface	1	1	29.64	7.71	20.02	89.2	6.08	3	3.1
HKLR	HY/2011/03	2014-07-30	Mid-Ebb	Sunny	CS(Mf)5	08:59:14	1.0	Surface	1	2	29.62	7.7	20.02	88.7	6.05	2.8	2.9
HKLR	HY/2011/03	2014-07-30	Mid-Ebb	Sunny	CS(Mf)5	08:58:37	1.1	Middle	2	1	29.62	7.7	20.19	89.7	6.1	2.9	2.8
HKLR	HY/2011/03	2014-07-30	Mid-Ebb	Sunny	CS(Mf)5	08:58:57	1.1	Middle	2	2	29.61	7.7	20.07	89.3	6.09	2.9	3.2
HKLR	HY/2011/03	2014-07-30	Mid-Ebb	Sunny	CS(Mf)5	08:36:33	1.1	Bottom	3	1	29.33	7.61	19.84	73.5	5.04	4.2	4.8
HKLR	HY/2011/03	2014-07-30	Mid-Ebb	Sunny	CS(Mf)5	08:36:17	1.1	Bottom	3	2	29.32	7.61	20	73.5	5.04	4.2	4.2
HKLR	HY/2011/03	2014-07-30	Mid-Flood	Sunny	IS5	08:36:24	1.0	Surface	1	1	29.29	7.6	20.88	73.7	5.02	4.6	3
HKLR	HY/2011/03	2014-07-30	Mid-Flood	Sunny	IS5	08:36:06	1.0	Surface	1	2	29.29	7.59	20.92	73.9	5.04	4.8	3.3
HKLR	HY/2011/03	2014-07-30	Mid-Flood	Sunny	IS5	08:52:33	1.9	Middle	2	1	29.43	7.64	20.2	78.1	5.33	3.3	3.7
HKLR	HY/2011/03	2014-07-30	Mid-Flood	Sunny	IS5	08:52:49	1.9	Middle	2	2	29.41	7.64	20.19	77.8	5.31	3.5	4
HKLR	HY/2011/03	2014-07-30	Mid-Flood	Sunny	IS5	08:52:39	2.7	Bottom	3	1	29.39	7.64	20.43	77.7	5.31	3.5	4
HKLR	HY/2011/03	2014-07-30	Mid-Flood	Sunny	IS5	08:52:24	2.7	Bottom	3	2	29.39	7.64	20.48	78	5.32	3.4	4
HKLR	HY/2011/03	2014-07-30	Mid-Flood	Sunny	IS(Mf)6	09:18:17	1.0	Surface	1	1	29.55	7.71	20.57	83.8	5.7	3	4.1
HKLR	HY/2011/03	2014-07-30	Mid-Flood	Sunny	IS(Mf)6	09:18:23	1.0	Surface	1	2	29.55	7.72	20.56	84.2	5.73	3.2	4
HKLR	HY/2011/03	2014-07-30	Mid-Flood	Sunny	IS(Mf)6	08:42:52	1.2	Bottom	3	1	29.4	7.6	19.94	74.1	5.07	4.4	4.5
HKLR	HY/2011/03	2014-07-30	Mid-Flood	Sunny	IS(Mf)6	08:42:42	1.2	Bottom	3	2	29.41	7.6	19.92	74.3	5.08	4.6	4.5
HKLR	HY/2011/03	2014-07-30	Mid-Flood	Sunny	IS7	08:42:37	1.0	Surface	1	1	29.42	7.6	19.89	74.5	5.1	4.8	3.9
HKLR	HY/2011/03	2014-07-30	Mid-Flood	Sunny	IS7	08:42:45	1.0	Surface	1	2	29.4	7.6	19.94	74.2	5.08	4.5	3.9
HKLR	HY/2011/03	2014-07-30	Mid-Flood	Sunny	IS7	07:37:53	1.1	Bottom	3	1	28.93	7.68	20.83	74.5	5.21	1.8	4.2
HKLR	HY/2011/03	2014-07-30	Mid-Flood	Sunny	IS7	07:38:20	1.1	Bottom	3	2	28.95	7.68	20.79	74.5	5.21	1.8	5.1
HKLR	HY/2011/03	2014-07-30	Mid-Flood	Sunny	IS8	07:37:45	1.0	Surface	1	1	28.64	7.67	21.82	73.1	5.1	1.8	2.8
HKLR	HY/2011/03	2014-07-30	Mid-Flood	Sunny	IS8	07:38:09	1.0	Surface	1	2	28.51	7.68	21.88	72.5	5.08	1.9	2.2

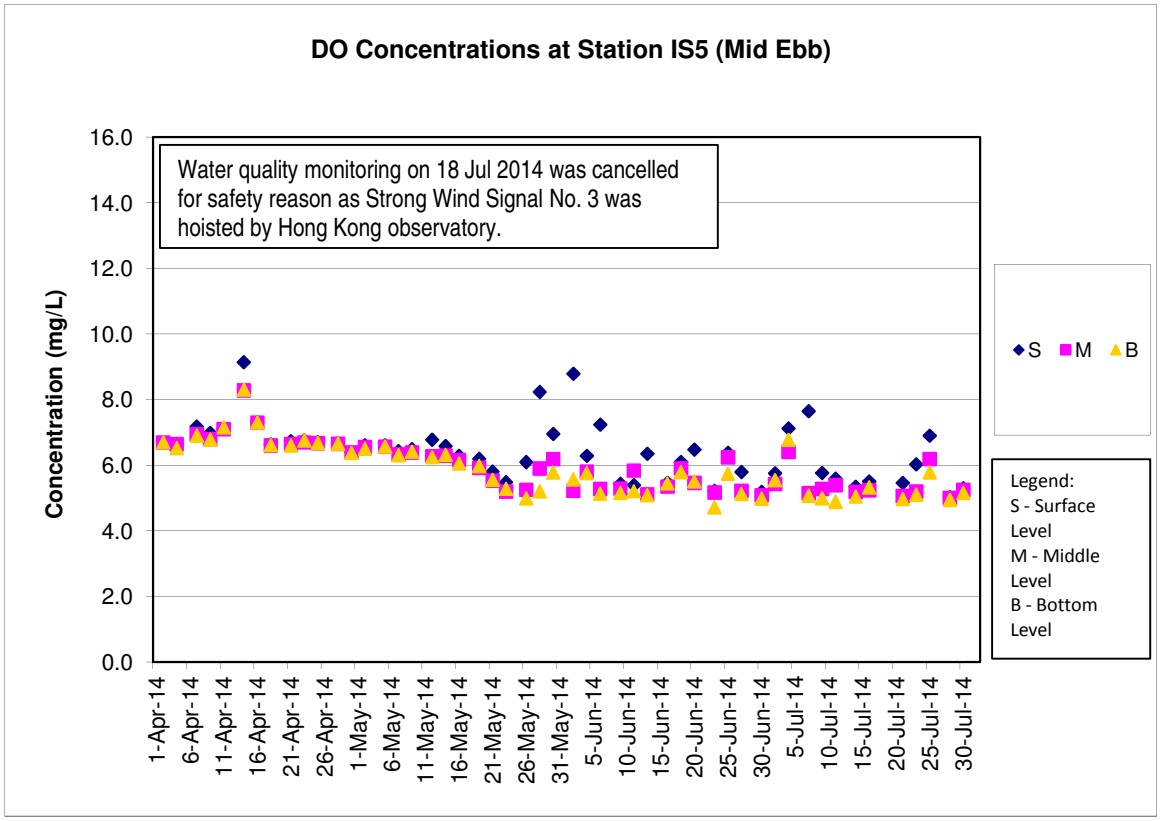
Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-07-30	Mid-Flood	Sunny	IS8	07:38:02	5.5	Bottom	3	1	28.6	7.67	24.37	73.7	5.09	1.9	3.1
HKLR	HY/2011/03	2014-07-30	Mid-Flood	Sunny	IS8	07:37:36	5.5	Bottom	3	2	28.71	7.67	24	74.3	5.13	1.8	4.2
HKLR	HY/2011/03	2014-07-30	Mid-Flood	Sunny	IS(Mf)9	07:32:08	1.0	Surface	1	1	26.88	7.67	26.86	72.7	5.01	3.6	3.4
HKLR	HY/2011/03	2014-07-30	Mid-Flood	Sunny	IS(Mf)9	07:31:45	1.0	Surface	1	2	26.86	7.68	26.65	72.5	5.02	3.6	3.7
HKLR	HY/2011/03	2014-07-30	Mid-Flood	Sunny	IS(Mf)9	07:31:37	4.1	Bottom	3	1	26.68	7.67	28.39	72.7	5.01	3.7	4.3
HKLR	HY/2011/03	2014-07-30	Mid-Flood	Sunny	IS(Mf)9	07:32:00	4.1	Bottom	3	2	26.68	7.66	28.44	72.2	4.99	3.6	4.1
HKLR	HY/2011/03	2014-07-30	Mid-Flood	Sunny	IS10	08:05:45	1.0	Surface	1	1	28.97	7.53	20.43	77.7	5.37	4.1	2.4
HKLR	HY/2011/03	2014-07-30	Mid-Flood	Sunny	IS10	08:05:12	1.0	Surface	1	2	28.99	7.51	20.54	79	5.46	4.4	2.7
HKLR	HY/2011/03	2014-07-30	Mid-Flood	Sunny	IS10	08:05:36	6.3	Middle	2	1	27.55	7.5	27.01	78.5	5.4	4.5	2.9
HKLR	HY/2011/03	2014-07-30	Mid-Flood	Sunny	IS10	08:05:00	6.3	Middle	2	2	26.97	7.48	27.53	78.7	5.41	5	3
HKLR	HY/2011/03	2014-07-30	Mid-Flood	Sunny	IS10	08:05:24	11.6	Bottom	3	1	26.57	7.48	28.9	73.9	5.06	5.4	3.7
HKLR	HY/2011/03	2014-07-30	Mid-Flood	Sunny	IS10	08:04:48	11.6	Bottom	3	2	26.59	7.46	28.85	73.1	5.03	5.3	3.8
HKLR	HY/2011/03	2014-07-30	Mid-Flood	Sunny	SR3	14:47:58	1.0	Middle	2	1	30.36	8.07	16.75	86.6	5.93	3.3	4.9
HKLR	HY/2011/03	2014-07-30	Mid-Flood	Sunny	SR3	14:47:16	1.0	Middle	2	2	30.42	8.07	16.75	91.2	6.24	3.2	4.1
HKLR	HY/2011/03	2014-07-30	Mid-Flood	Sunny	SR4	14:46:57	1.0	Surface	1	1	28.57	8.02	22.62	79.7	5.44	6.5	5.2
HKLR	HY/2011/03	2014-07-30	Mid-Flood	Sunny	SR4	14:47:44	1.0	Surface	1	2	28.48	8.02	22.93	80.8	5.52	6.7	4.6
HKLR	HY/2011/03	2014-07-30	Mid-Flood	Sunny	SR4	14:47:33	9.3	Bottom	3	1	28.42	8.01	23.25	75.4	5.16	7.2	5.5
HKLR	HY/2011/03	2014-07-30	Mid-Flood	Sunny	SR4	14:46:48	9.3	Bottom	3	2	28.45	8.01	23.08	76.1	5.2	7.6	5.7
HKLR	HY/2011/03	2014-07-30	Mid-Flood	Sunny	SR5	14:40:15	1.0	Surface	1	1	30.45	8.06	16.67	96.5	6.6	2.2	2.2
HKLR	HY/2011/03	2014-07-30	Mid-Flood	Sunny	SR5	14:39:45	1.0	Surface	1	2	30.44	8.06	16.72	96.8	6.62	2.2	2.3
HKLR	HY/2011/03	2014-07-30	Mid-Flood	Sunny	SR5	14:39:27	3.7	Bottom	3	1	29.29	8.03	20.44	92.9	6.35	2.6	2.6
HKLR	HY/2011/03	2014-07-30	Mid-Flood	Sunny	SR5	14:39:59	3.7	Bottom	3	2	29.73	8.03	20.03	94	6.39	2.6	2.8
HKLR	HY/2011/03	2014-07-30	Mid-Flood	Sunny	SR10A	13:27:09	1.0	Surface	1	1	29.55	8.11	18.1	88.6	5.99	4.5	2.1
HKLR	HY/2011/03	2014-07-30	Mid-Flood	Sunny	SR10A	13:26:27	1.0	Surface	1	2	29.57	8.11	17.91	87.4	6.03	4.7	1.9
HKLR	HY/2011/03	2014-07-30	Mid-Flood	Sunny	SR10A	13:26:14	3.9	Middle	2	1	28.74	8.08	22.79	83	5.66	7.3	2.4
HKLR	HY/2011/03	2014-07-30	Mid-Flood	Sunny	SR10A	13:26:51	3.9	Middle	2	2	28.71	8.08	23.38	87.1	6	7.2	2.1
HKLR	HY/2011/03	2014-07-30	Mid-Flood	Sunny	SR10A	13:26:39	6.7	Bottom	3	1	28.71	8.06	24.3	83.4	5.64	7.7	3.2
HKLR	HY/2011/03	2014-07-30	Mid-Flood	Sunny	SR10A	13:26:04	6.7	Bottom	3	2	28.57	8.06	24.66	79	5.36	8	2.6
HKLR	HY/2011/03	2014-07-30	Mid-Flood	Sunny	SR10B	08:41:01	1.0	Surface	1	1	29.15	8.04	18.95	82.2	5.69	6.7	4.7
HKLR	HY/2011/03	2014-07-30	Mid-Flood	Sunny	SR10B	08:41:45	1.0	Surface	1	2	29.13	8.04	18.87	82.2	5.69	7.1	4.8
HKLR	HY/2011/03	2014-07-30	Mid-Flood	Sunny	SR10B	08:40:45	5.3	Bottom	3	1	27.96	8.01	24.19	74.4	5.09	7.3	5.1
HKLR	HY/2011/03	2014-07-30	Mid-Flood	Sunny	SR10B	08:41:29	5.3	Bottom	3	2	27.95	8.01	24.24	74.4	5.09	7.2	5.5
HKLR	HY/2011/03	2014-07-30	Mid-Flood	Sunny	CS2	08:40:40	1.0	Surface	1	1	27.9	8.01	24.45	75.1	5.15	8.8	2.3
HKLR	HY/2011/03	2014-07-30	Mid-Flood	Sunny	CS2	08:41:19	1.0	Surface	1	2	27.93	8	24.44	76.8	5.26	9.3	1.9
HKLR	HY/2011/03	2014-07-30	Mid-Flood	Sunny	CS2	08:51:18	2.4	Middle	2	1	29.04	8.04	18.2	83.9	5.83	4	2.4
HKLR	HY/2011/03	2014-07-30	Mid-Flood	Sunny	CS2	08:50:58	2.4	Middle	2	2	29.07	8.04	18.13	82.3	5.72	4.2	2.1
HKLR	HY/2011/03	2014-07-30	Mid-Flood	Sunny	CS2	08:51:08	3.8	Bottom	3	1	28.64	8	22.74	83.4	5.69	5.2	3.8
HKLR	HY/2011/03	2014-07-30	Mid-Flood	Sunny	CS2	08:50:48	3.8	Bottom	3	2	28.32	8.01	22.98	78.6	5.39	5	3
HKLR	HY/2011/03	2014-07-30	Mid-Flood	Sunny	CS(Mf)5	10:05:57	1.0	Surface	1	1	29.35	8	16.27	85.1	5.95	3.8	2.1
HKLR	HY/2011/03	2014-07-30	Mid-Flood	Sunny	CS(Mf)5	10:05:18	1.0	Surface	1	2	29.39	7.99	16.18	86	6.01	3.4	2.6
HKLR	HY/2011/03	2014-07-30	Mid-Flood	Sunny	CS(Mf)5	10:05:40	3.8	Middle	2	1	28.93	8.01	18.48	82.2	5.71	6.1	2.5
HKLR	HY/2011/03	2014-07-30	Mid-Flood	Sunny	CS(Mf)5	10:04:59	3.8	Middle	2	2	29.31	8.01	17.48	84	5.83	5.7	2.1
HKLR	HY/2011/03	2014-07-30	Mid-Flood	Sunny	CS(Mf)5	10:04:37	6.6	Bottom	3	1	28.39	7.98	23.14	79	5.4	6.9	2.6
HKLR	HY/2011/03	2014-07-30	Mid-Flood	Sunny	CS(Mf)5	10:05:33	6.6	Bottom	3	2	28.66	7.95	22.76	83	5.66	6.5	3

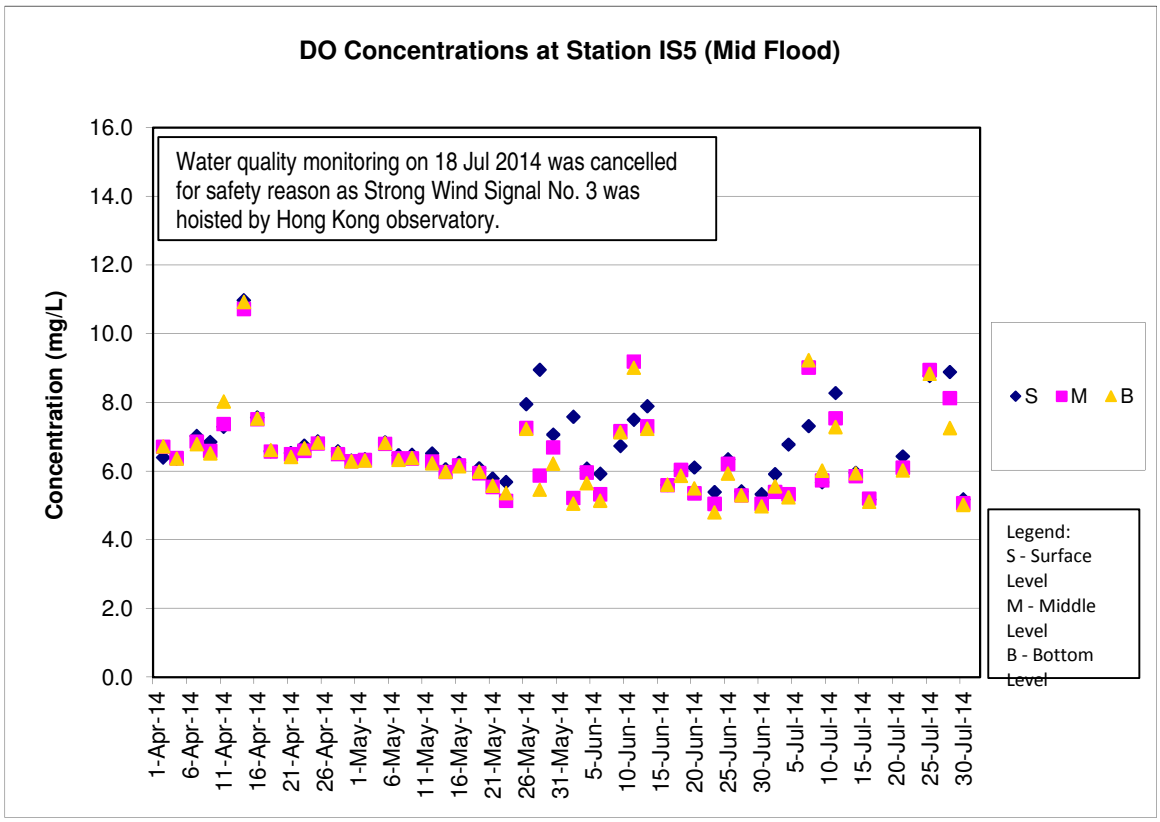

DO Concentrations at Station CS2 (Mid Ebb)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Apr-14
7-Apr-14
13-Apr-14
19-Apr-14
25-Apr-14
1-May-14
7-May-14
13-May-14
19-May-14
25-May-14
31-May-14
6-Jun-14
12-Jun-14
18-Jun-14
24-Jun-14
30-Jun-14
6-Jul-14
12-Jul-14
18-Jul-14
24-Jul-14
30-Jul-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

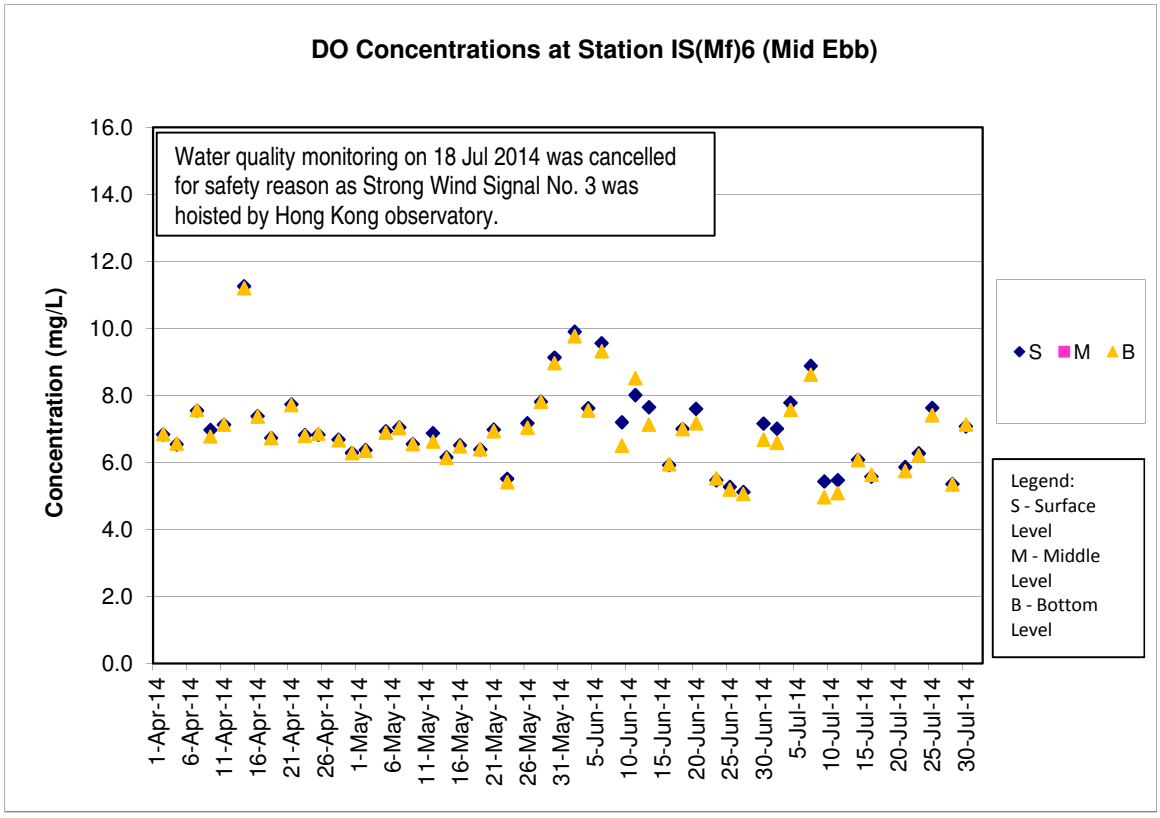

DO Concentrations at Station CS2 (Mid Flood)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

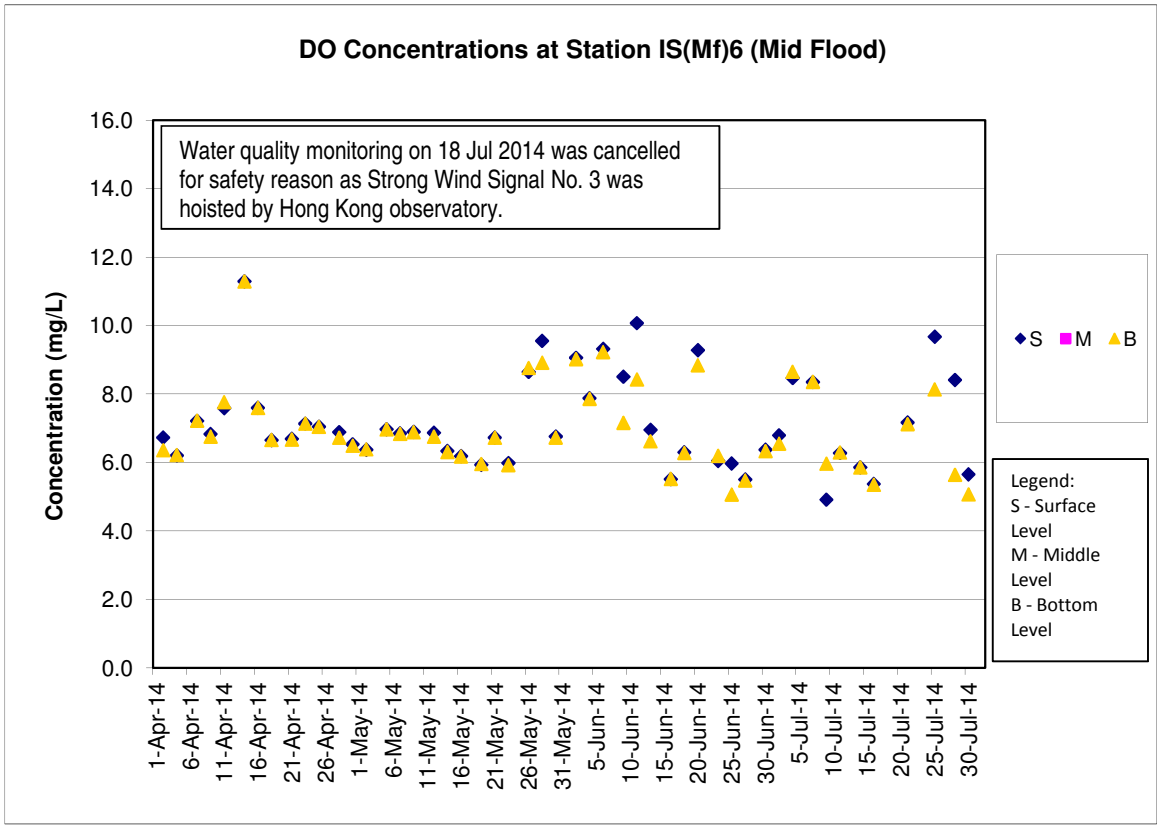

DO Concentrations at Station CS(Mf)5 (Mid Ebb)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

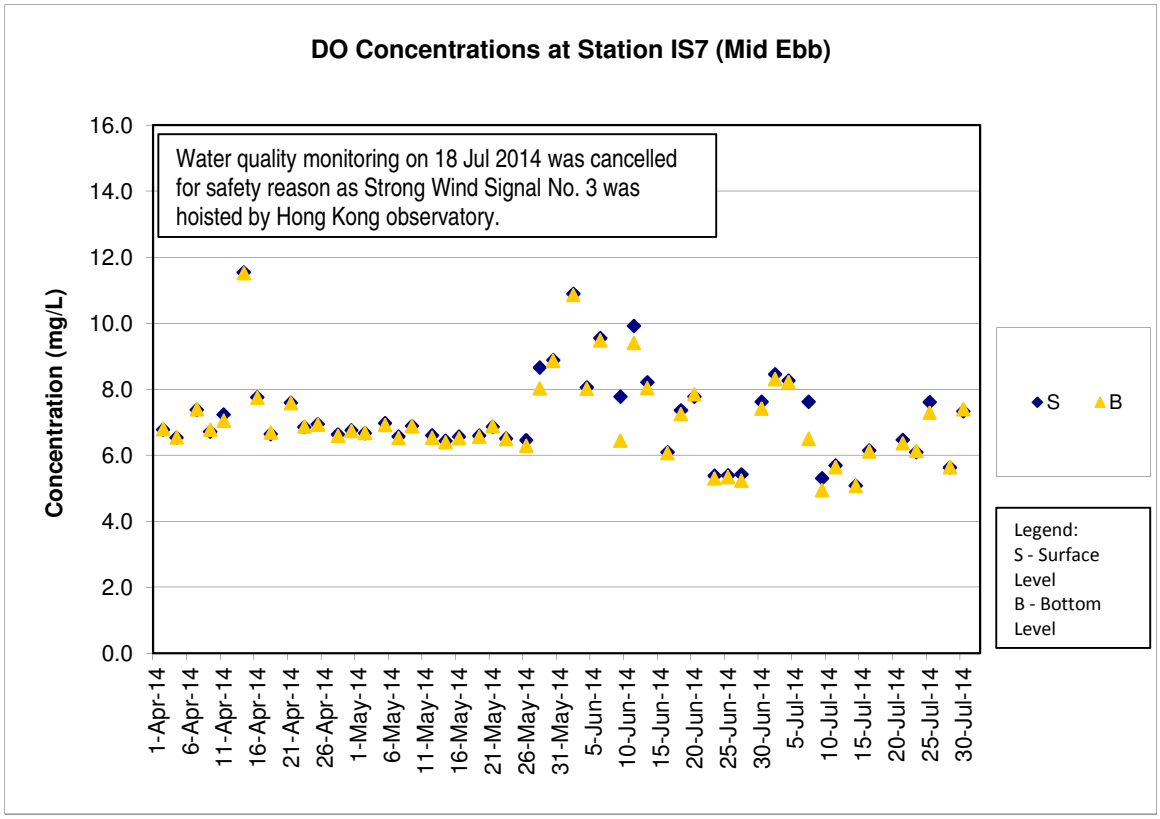

DO Concentrations at Station CS(Mf)5 (Mid Flood)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

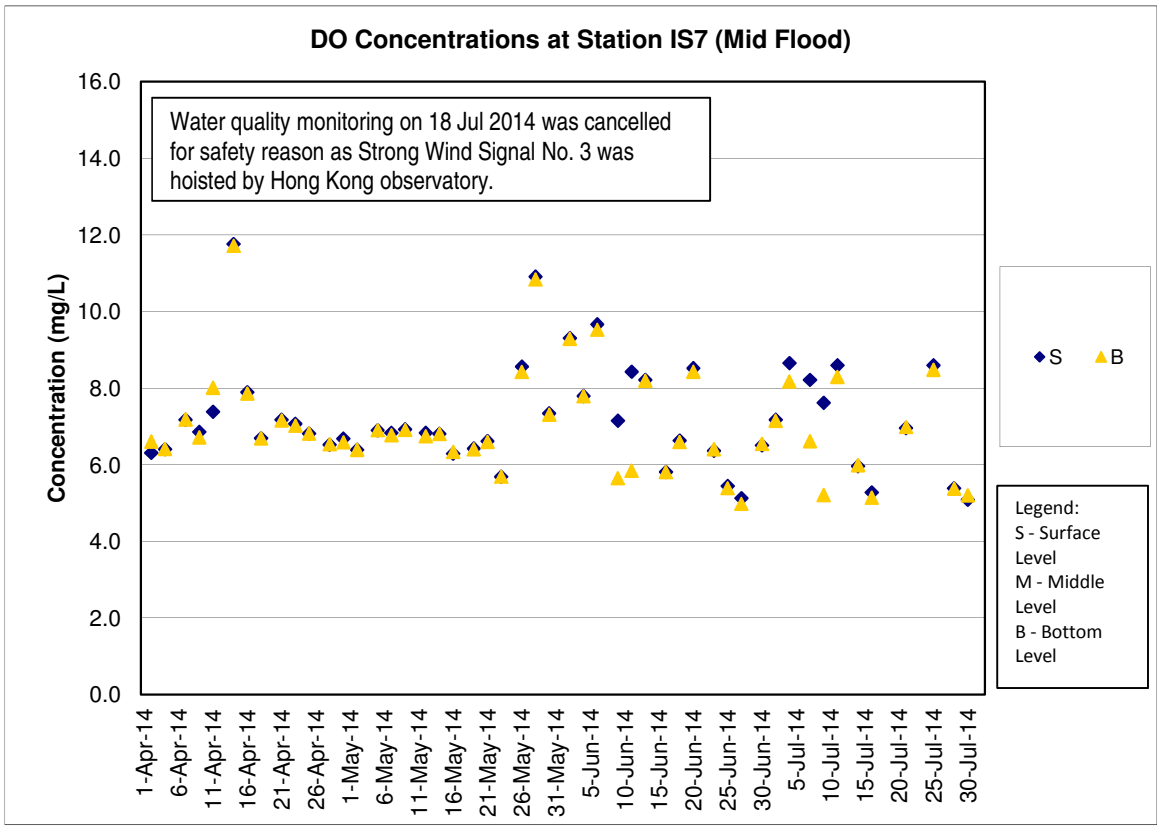

DO Concentrations at Station IS5 (Mid Ebb)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

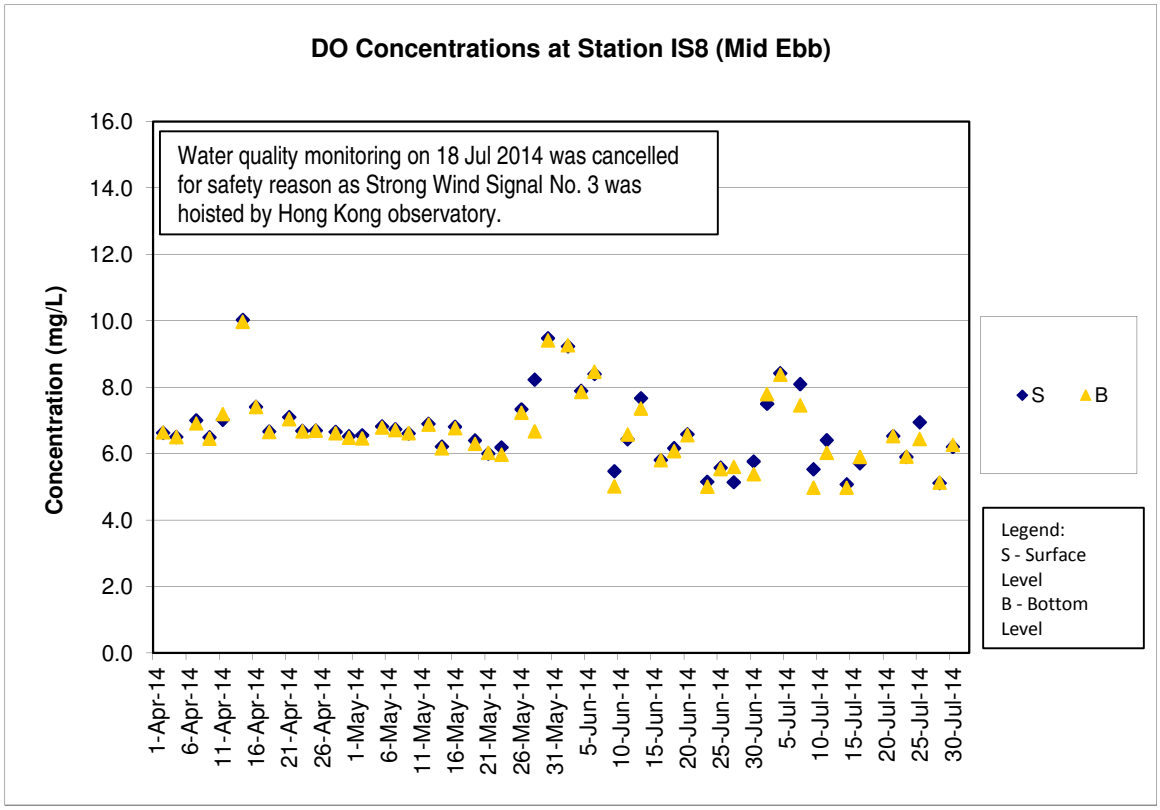

DO Concentrations at Station IS5 (Mid Flood)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

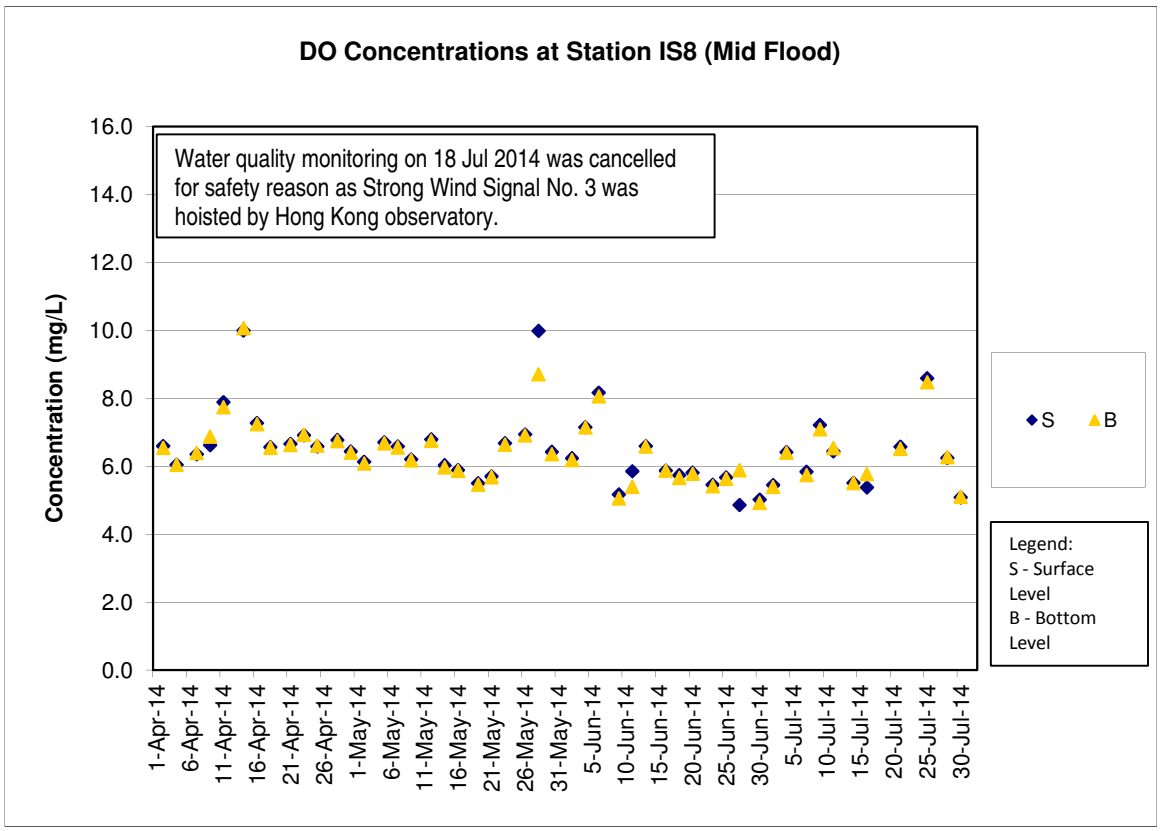

DO Concentrations at Station IS(Mf)6 (Mid Ebb)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

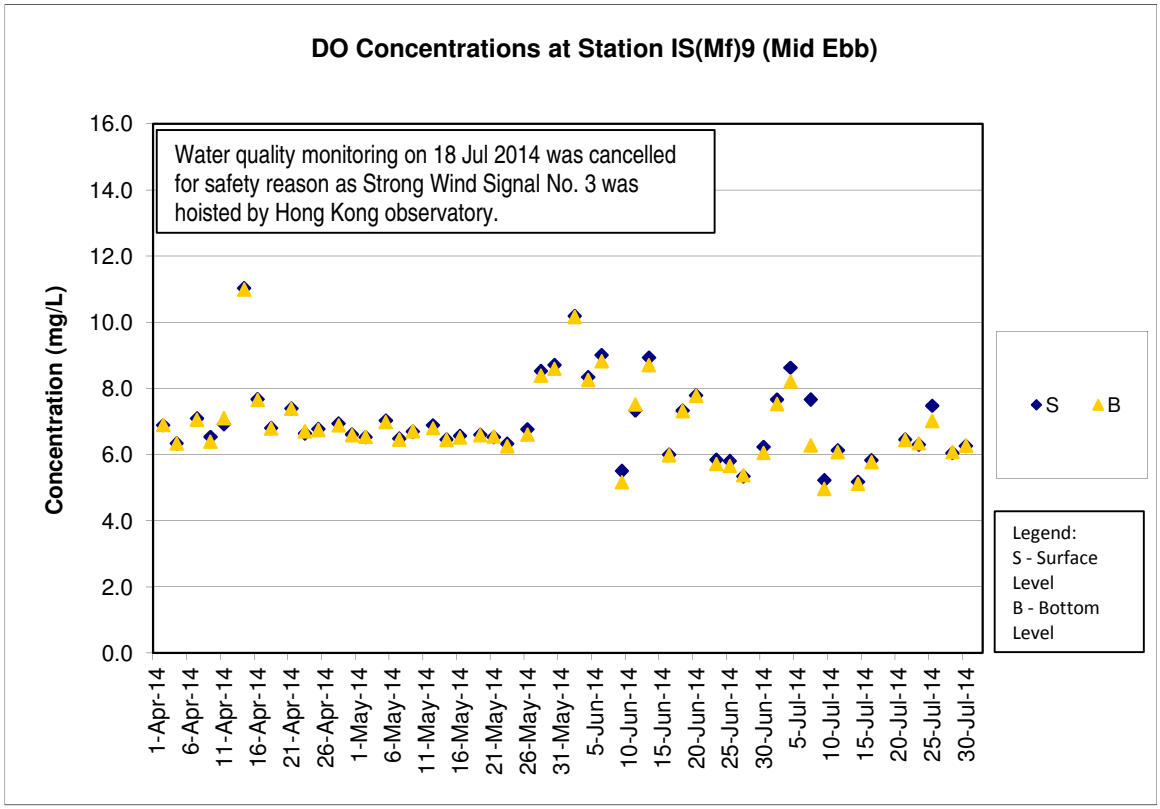

DO Concentrations at Station IS(Mf)6 (Mid Flood)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

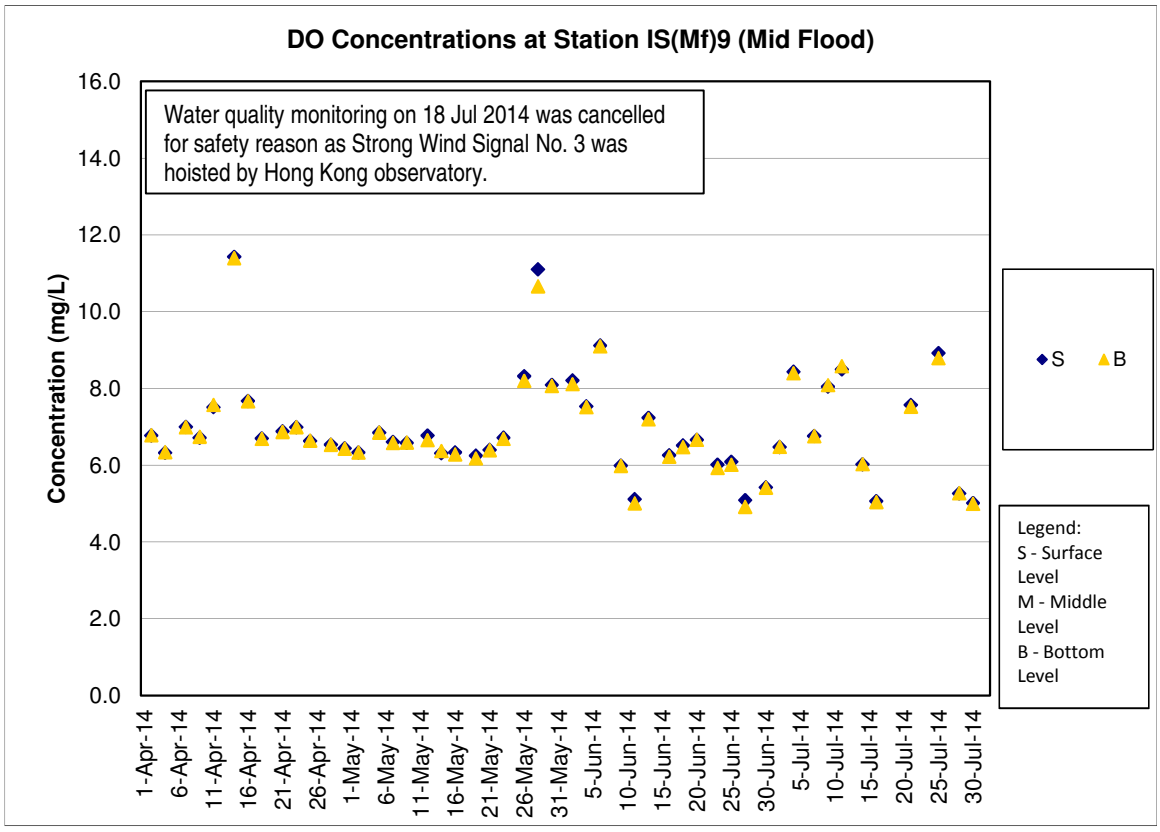

DO Concentrations at Station IS7 (Mid Ebb)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S
B
Legend:
S - Surface Level
B - Bottom Level

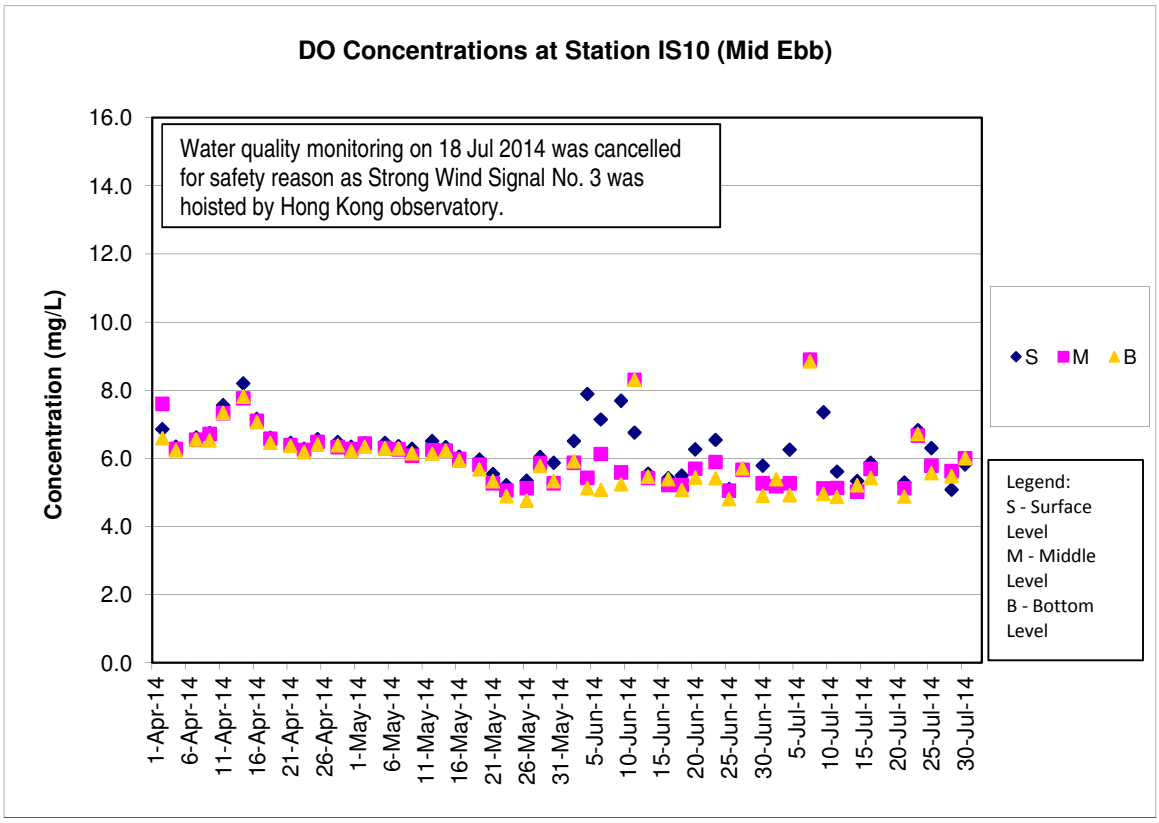

DO Concentrations at Station IS7 (Mid Flood)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

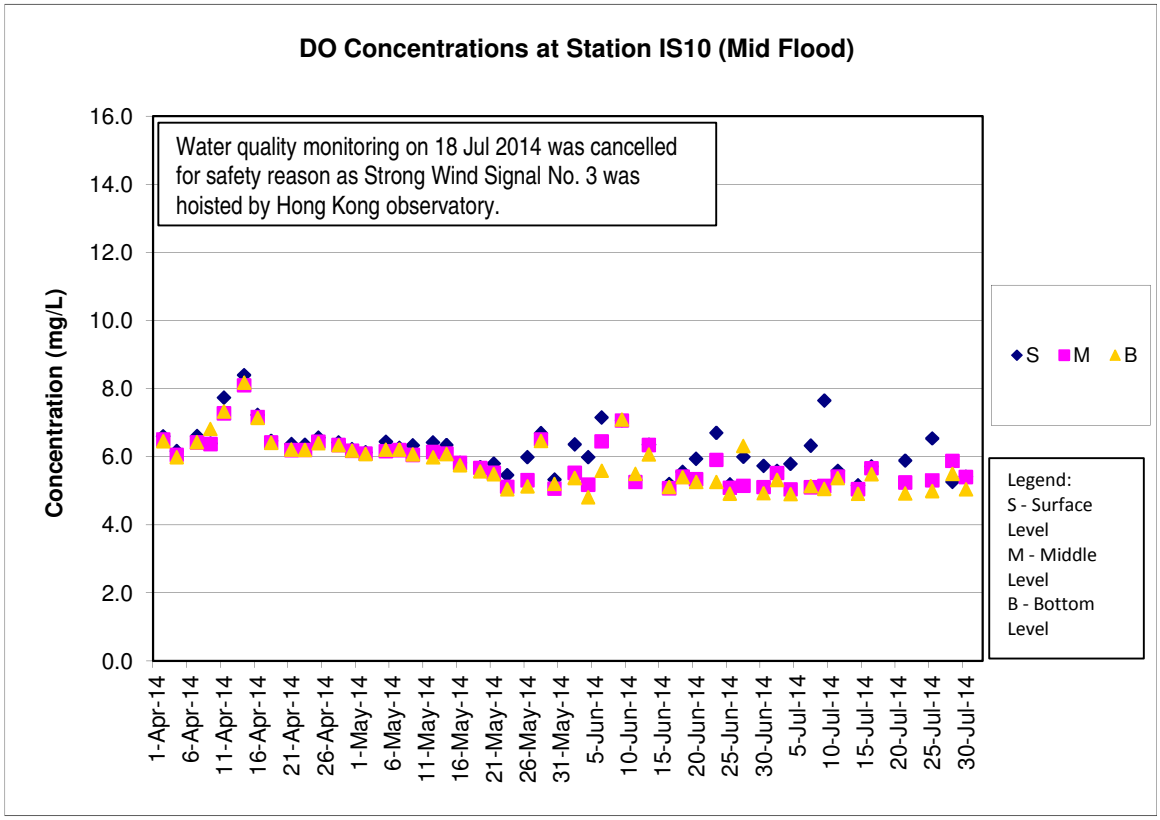

DO Concentrations at Station IS8 (Mid Ebb)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S
B
Legend:
S - Surface Level
B - Bottom Level

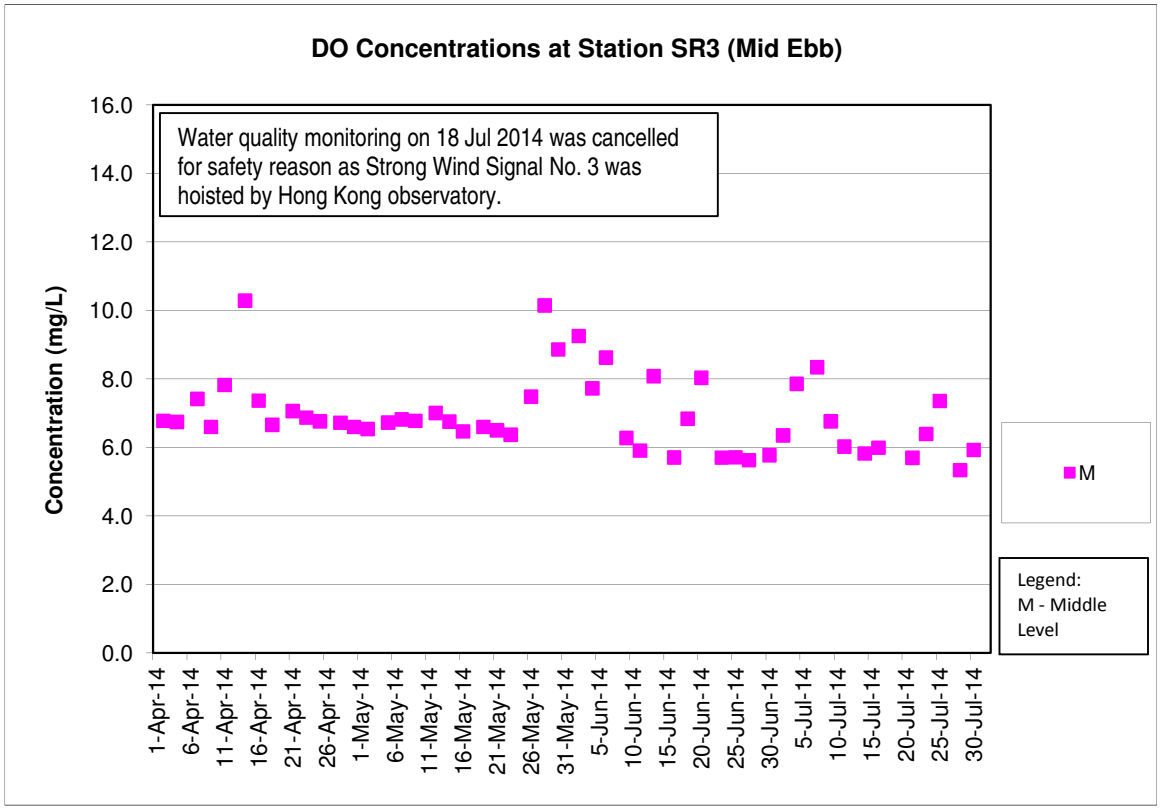

DO Concentrations at Station IS8 (Mid Flood)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S
B
Legend:
S - Surface Level
B - Bottom Level

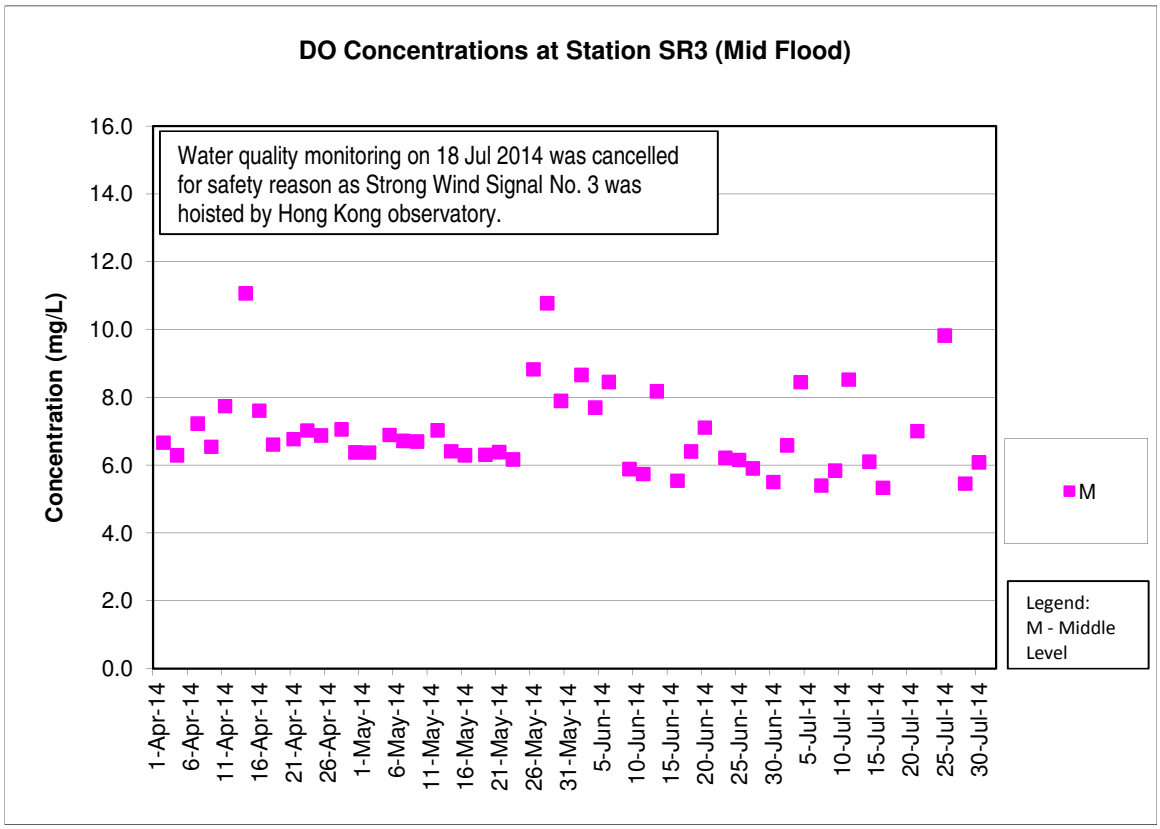

DO Concentrations at Station IS(Mf)9 (Mid Ebb)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S
B
Legend:
S - Surface Level
B - Bottom Level

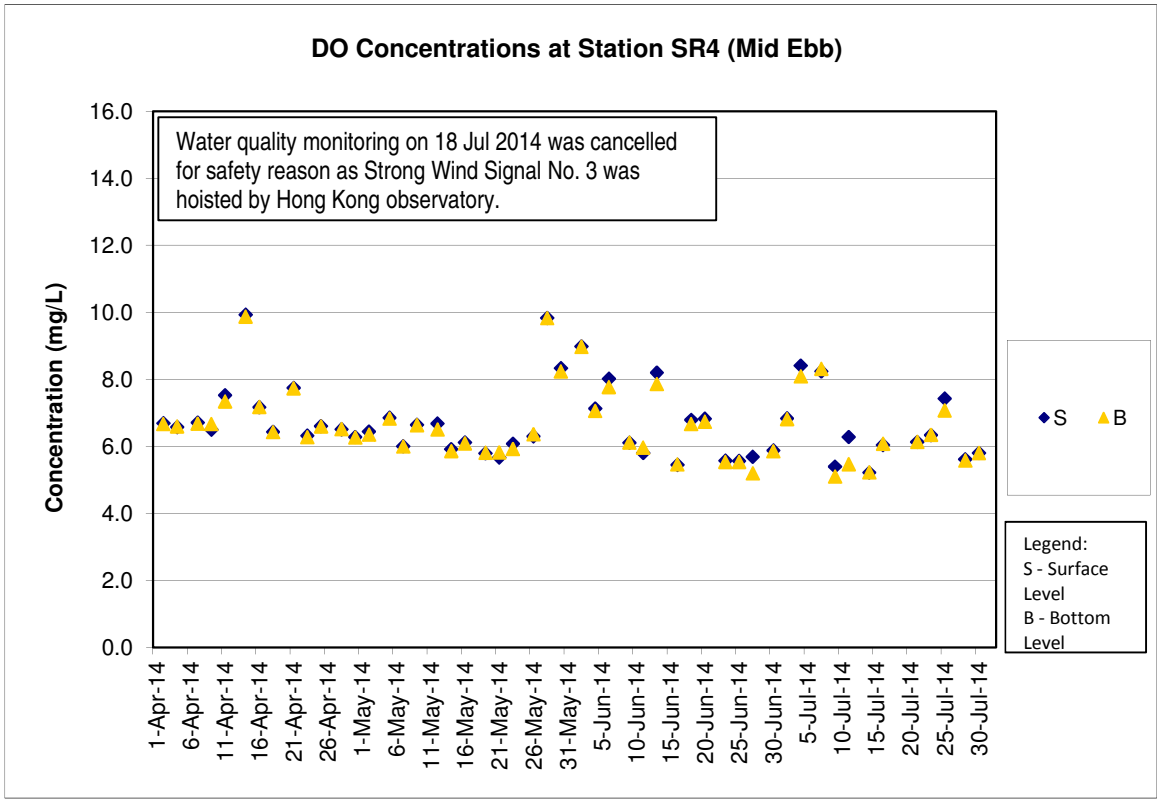

DO Concentrations at Station IS(Mf)9 (Mid Flood)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

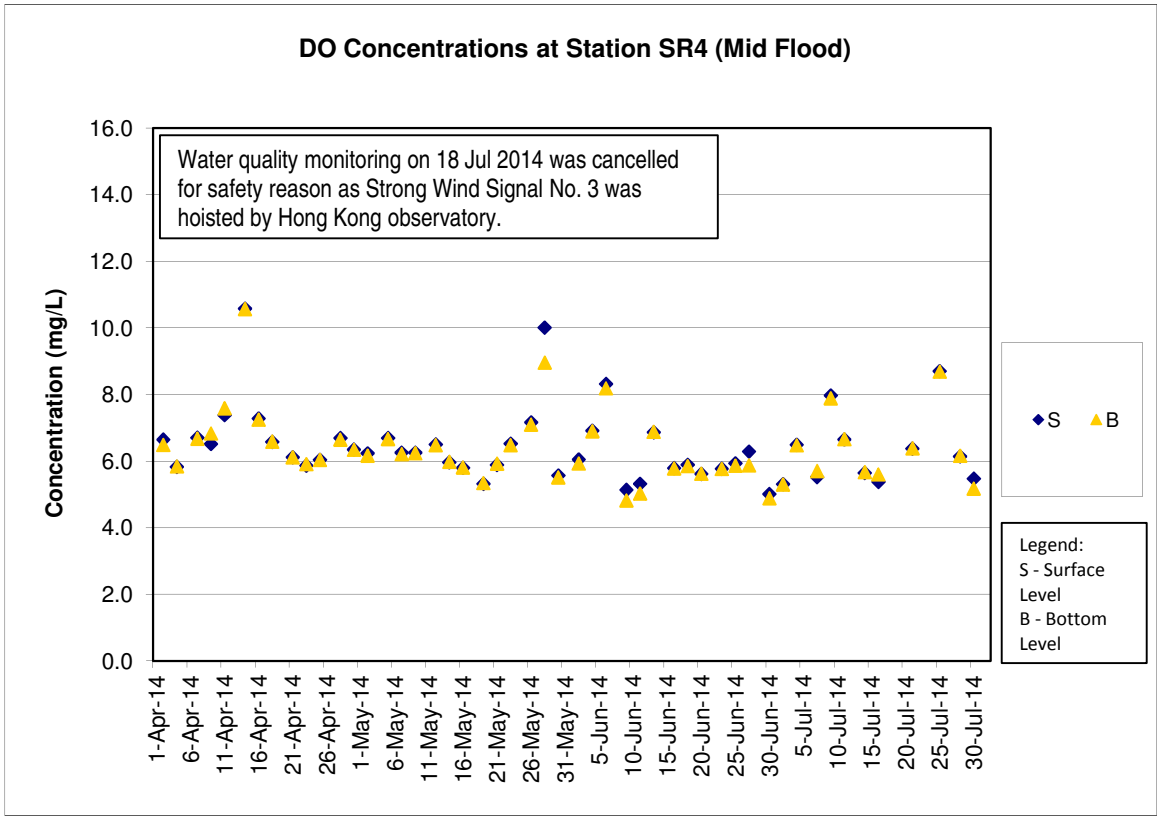

DO Concentrations at Station IS10 (Mid Ebb)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

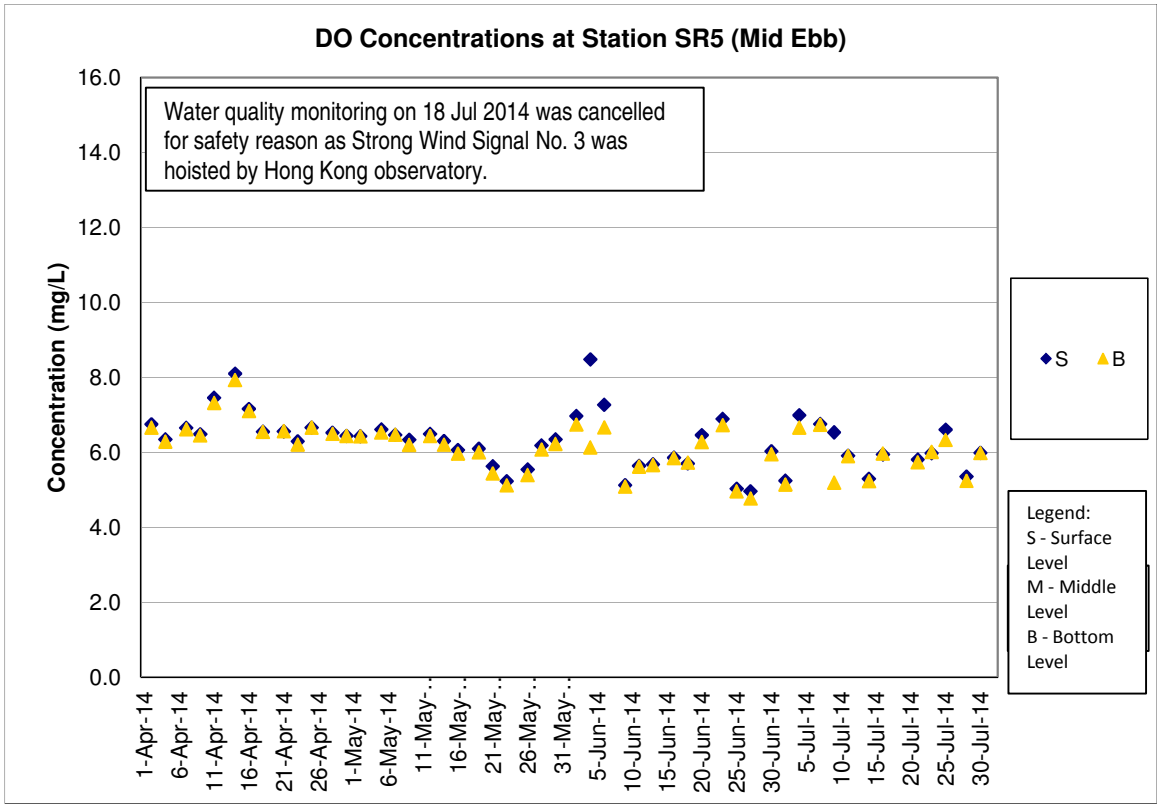

DO Concentrations at Station IS10 (Mid Flood)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

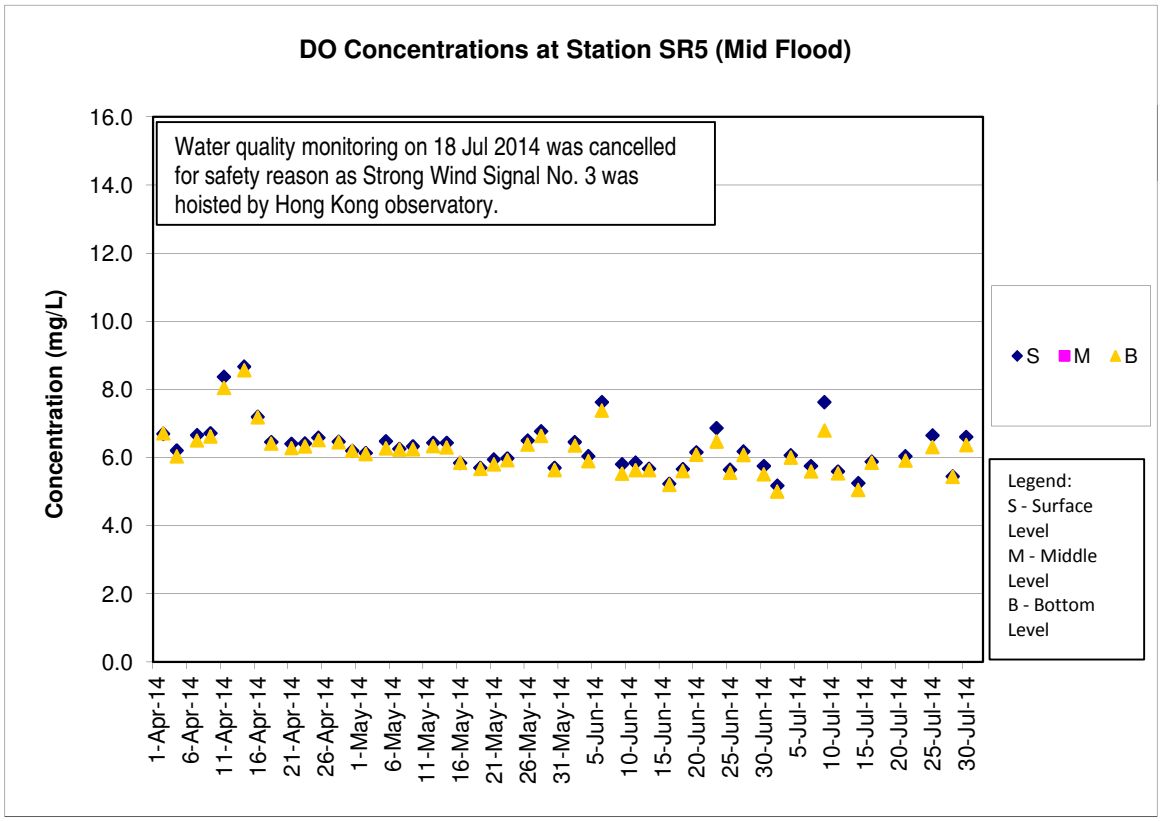

DO Concentrations at Station SR3 (Mid Ebb)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
M
Legend:
M - Middle Level

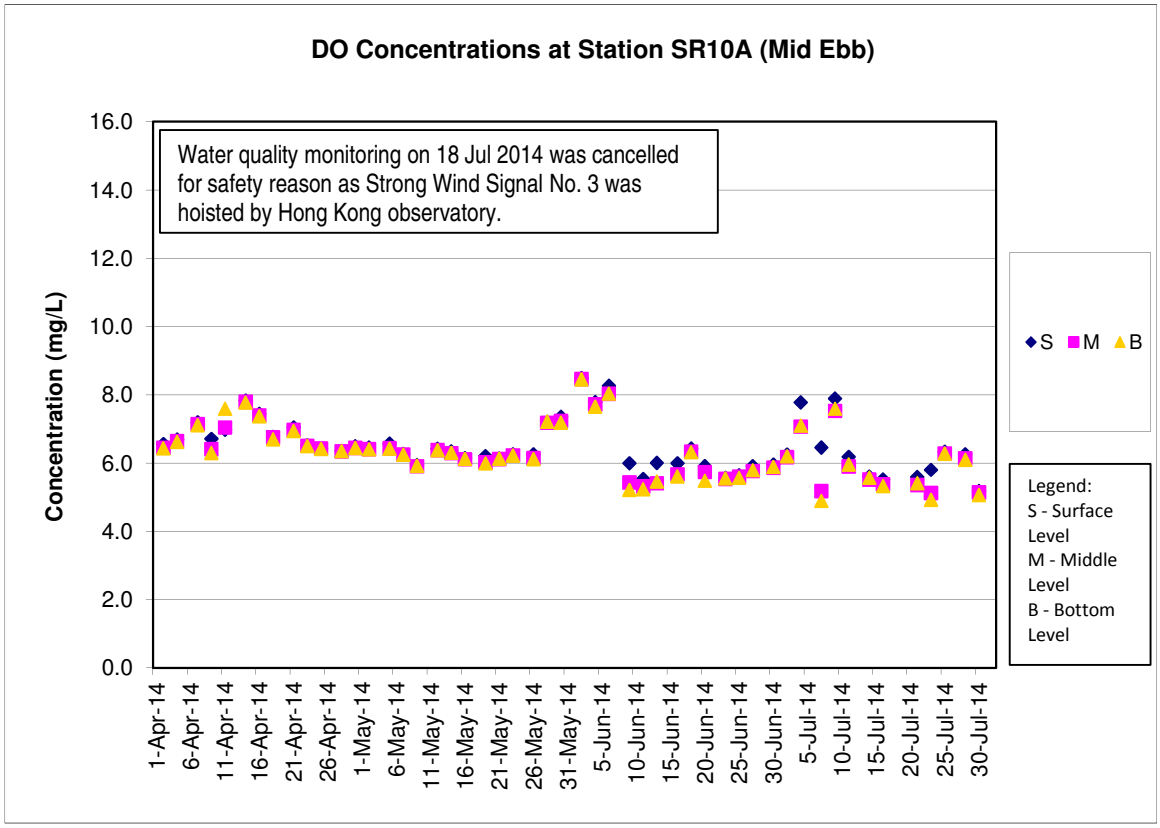

DO Concentrations at Station SR3 (Mid Flood)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
M
Legend:
M - Middle Level

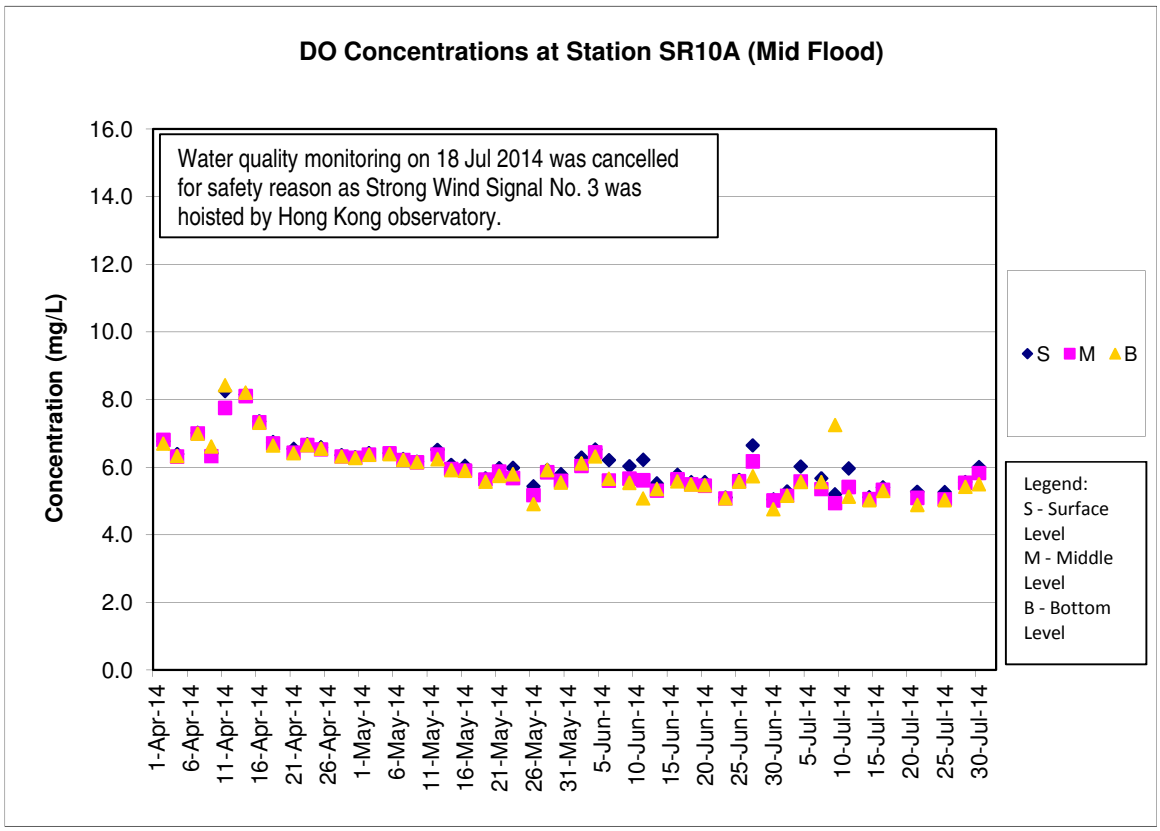

DO Concentrations at Station SR4 (Mid Ebb)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S
B
Legend:
S - Surface Level
B - Bottom Level

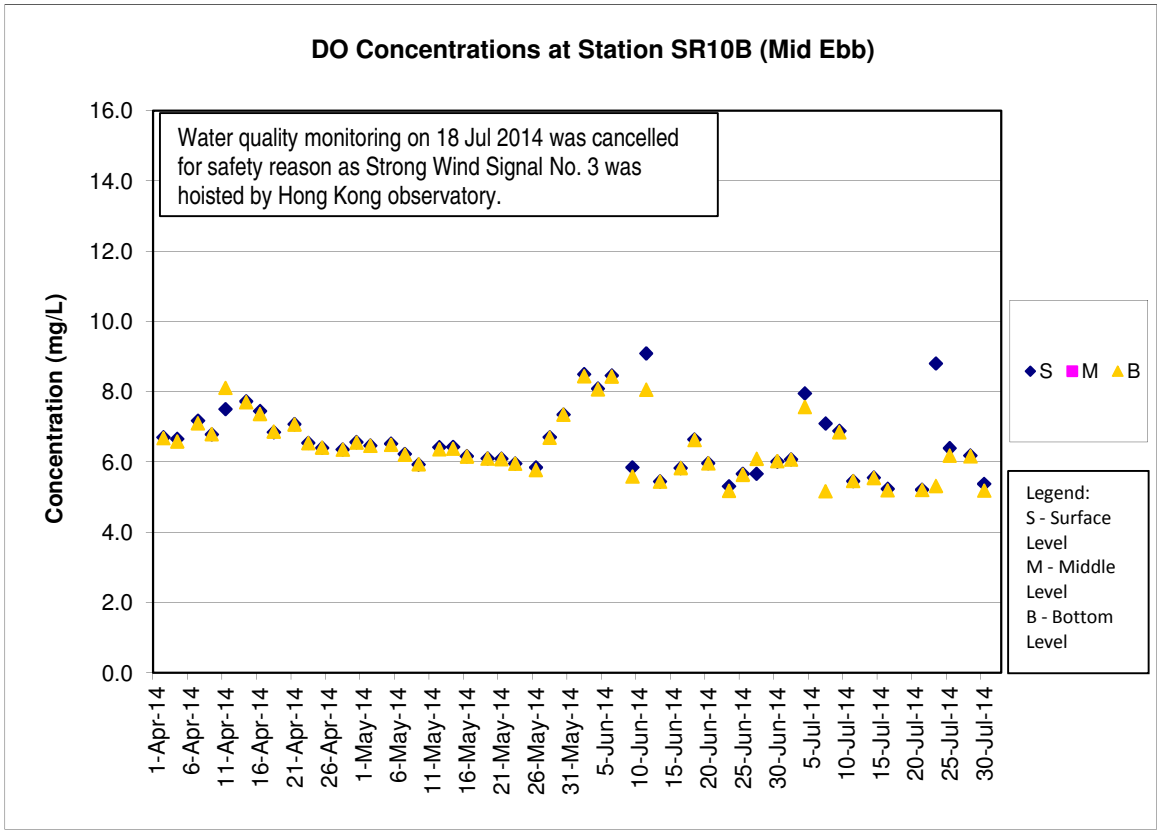

DO Concentrations at Station SR4 (Mid Flood)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S
B
Legend:
S - Surface Level
B - Bottom Level

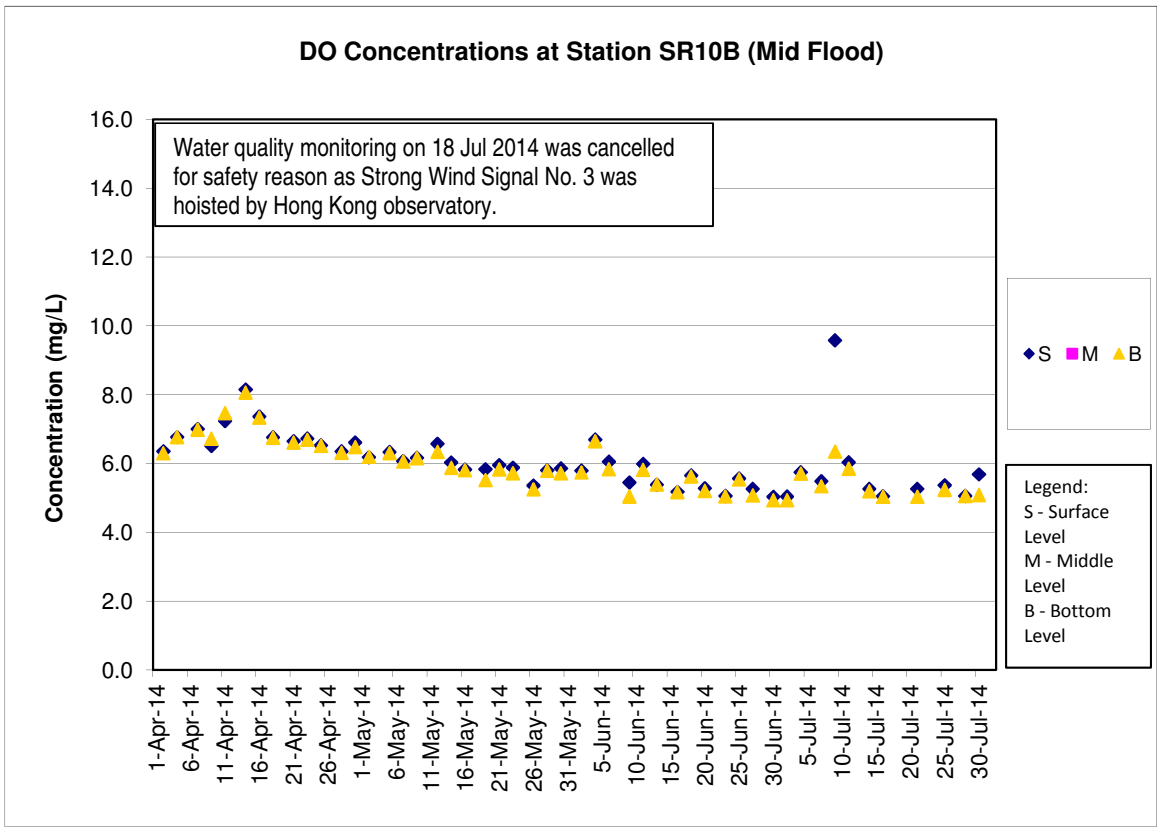

DO Concentrations at Station SR5 (Mid Ebb)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-...
16-May-...
21-May-...
26-May-...
31-May-...
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

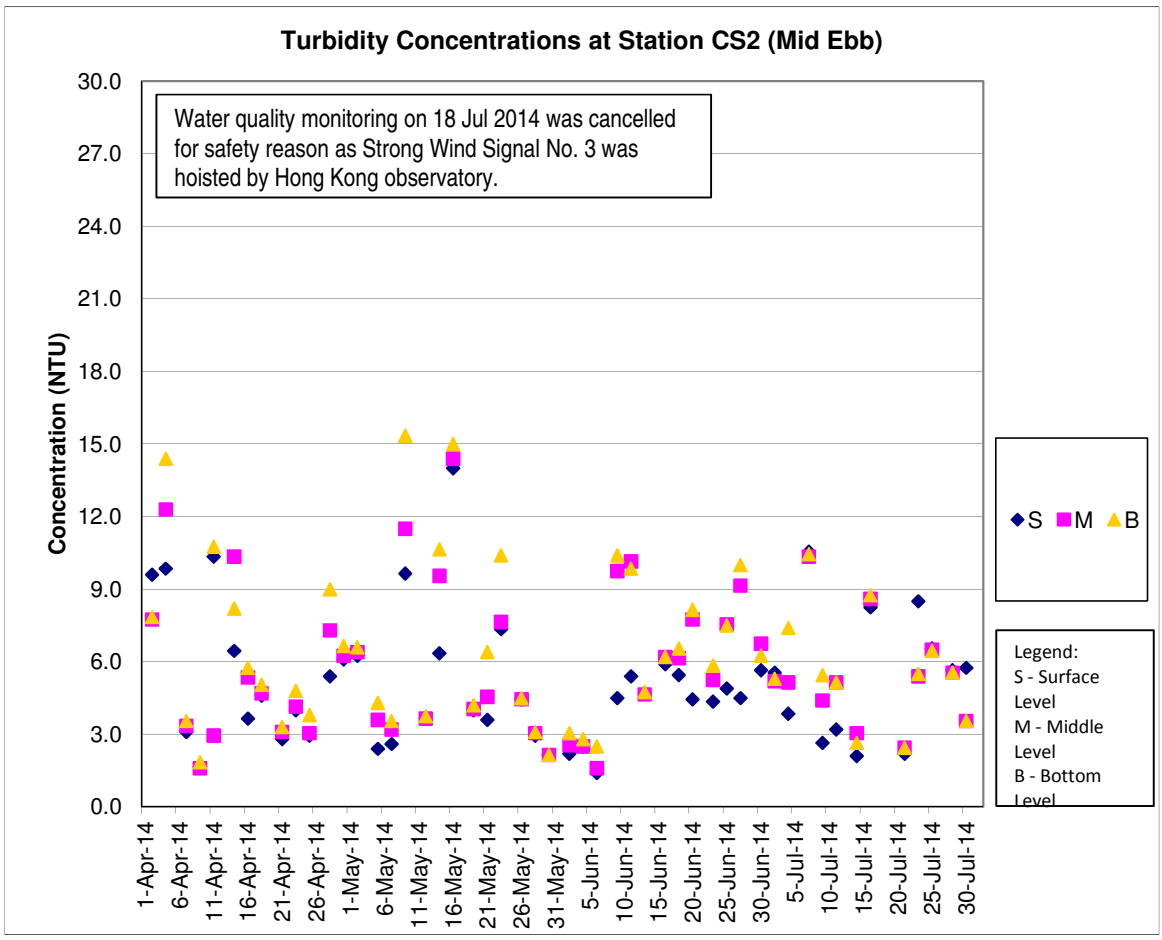

DO Concentrations at Station SR5 (Mid Flood)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

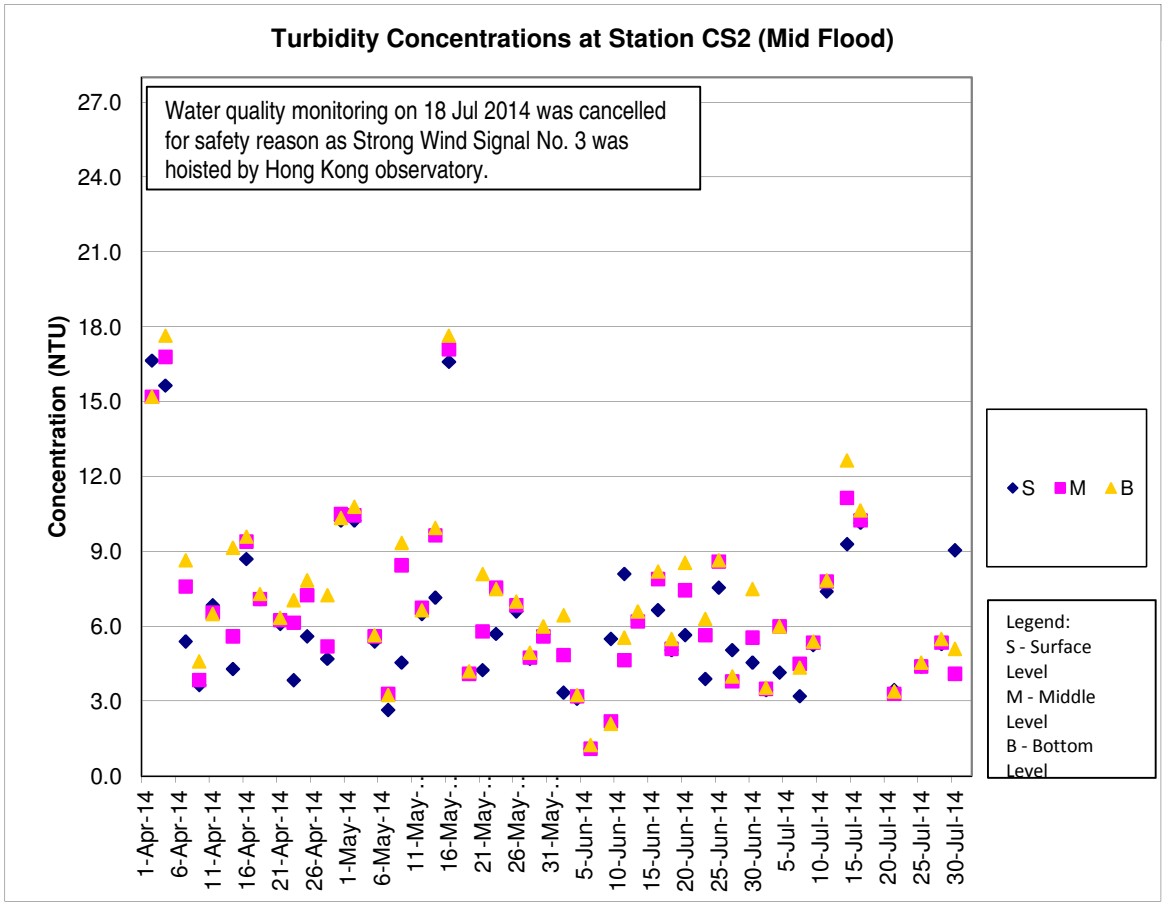

DO Concentrations at Station SR10A (Mid Ebb)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

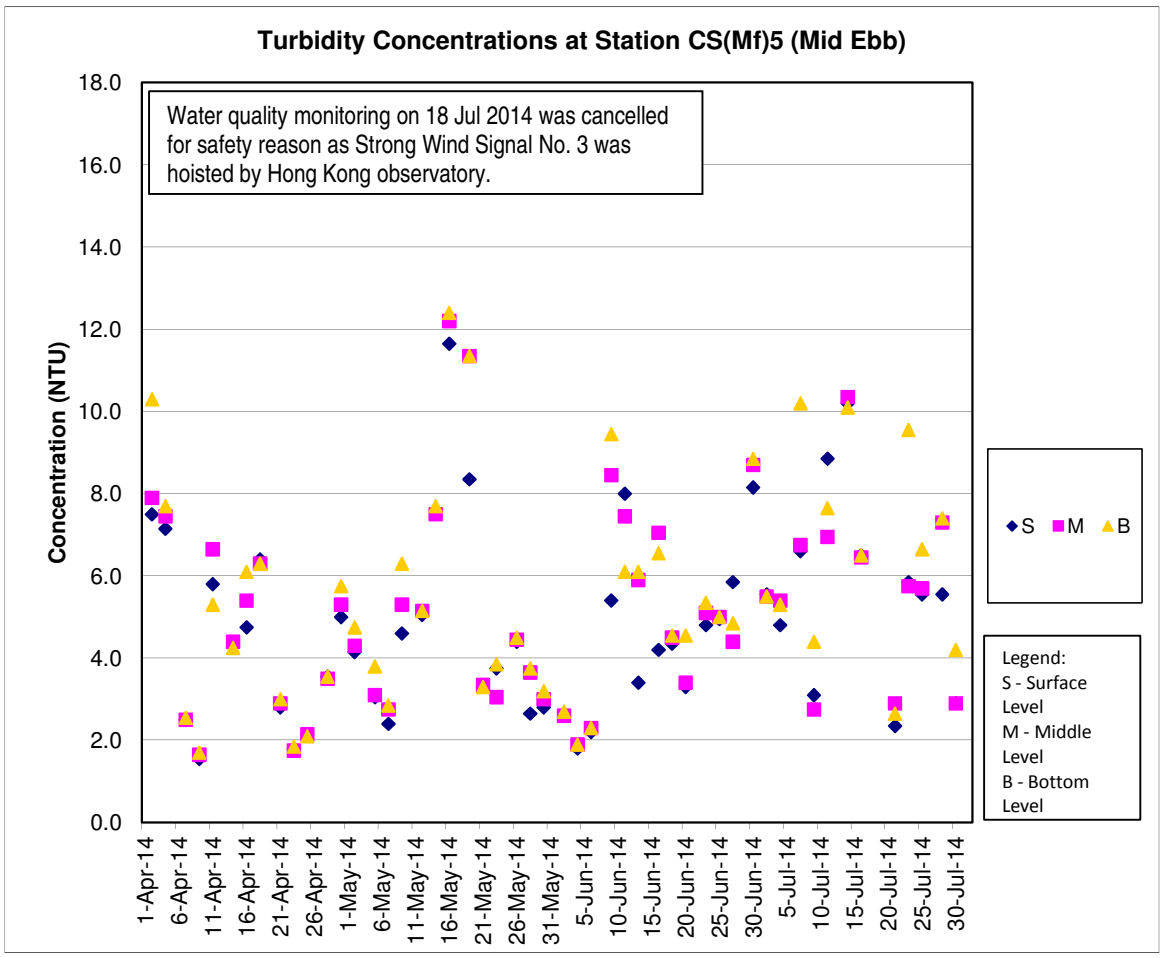

DO Concentrations at Station SR10A (Mid Flood)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

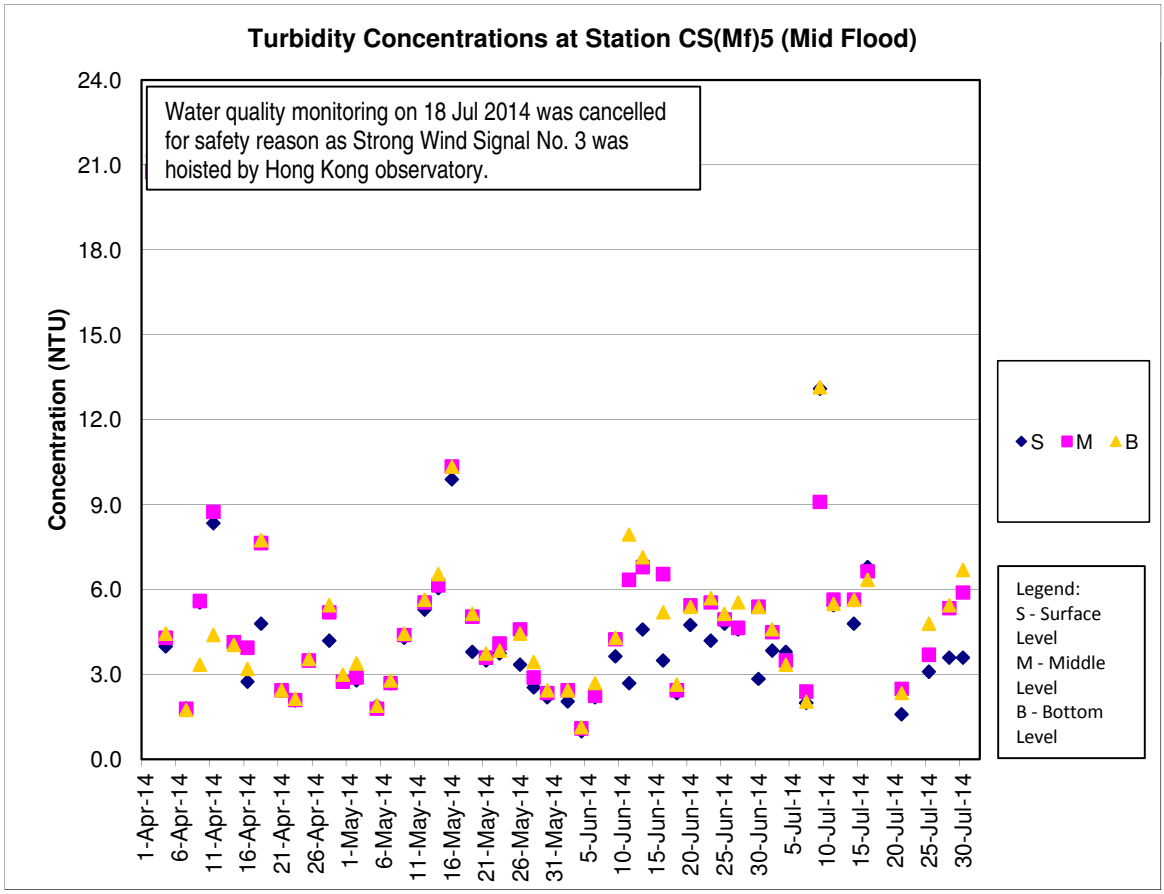

DO Concentrations at Station SR10B (Mid Ebb)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

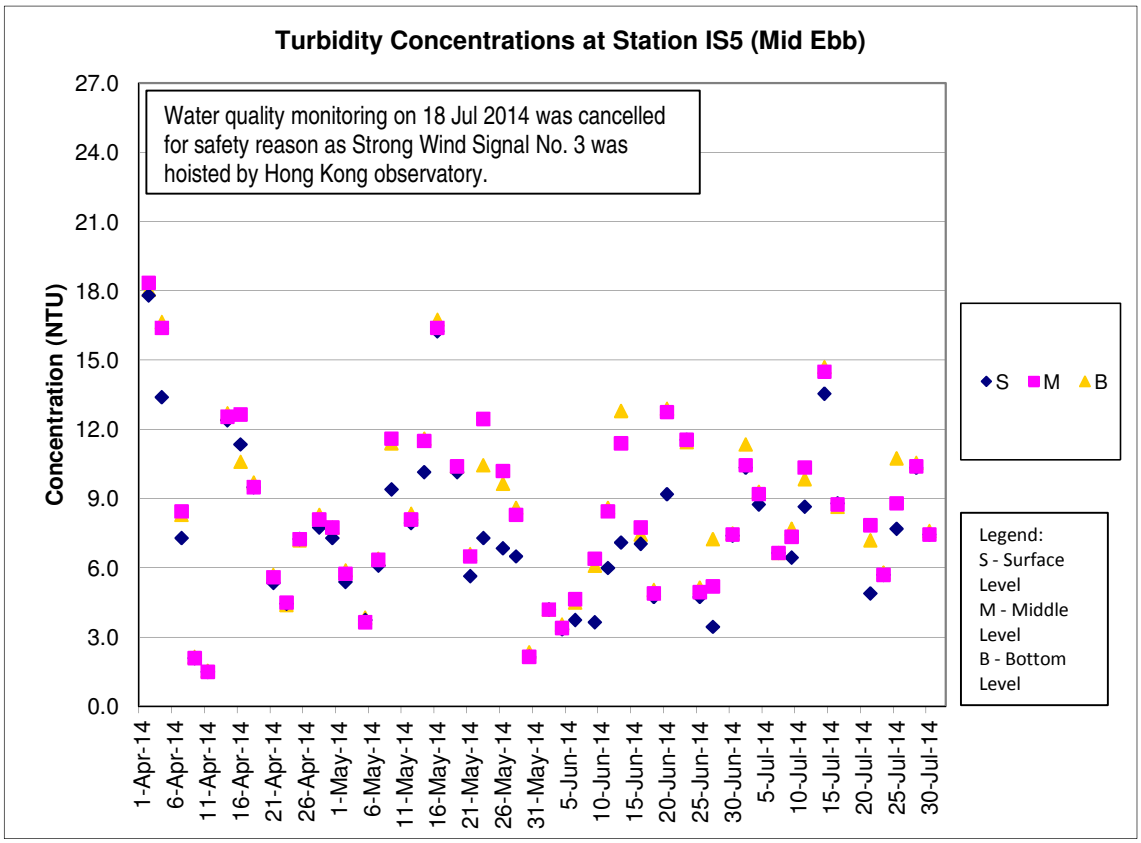

DO Concentrations at Station SR10B (Mid Flood)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

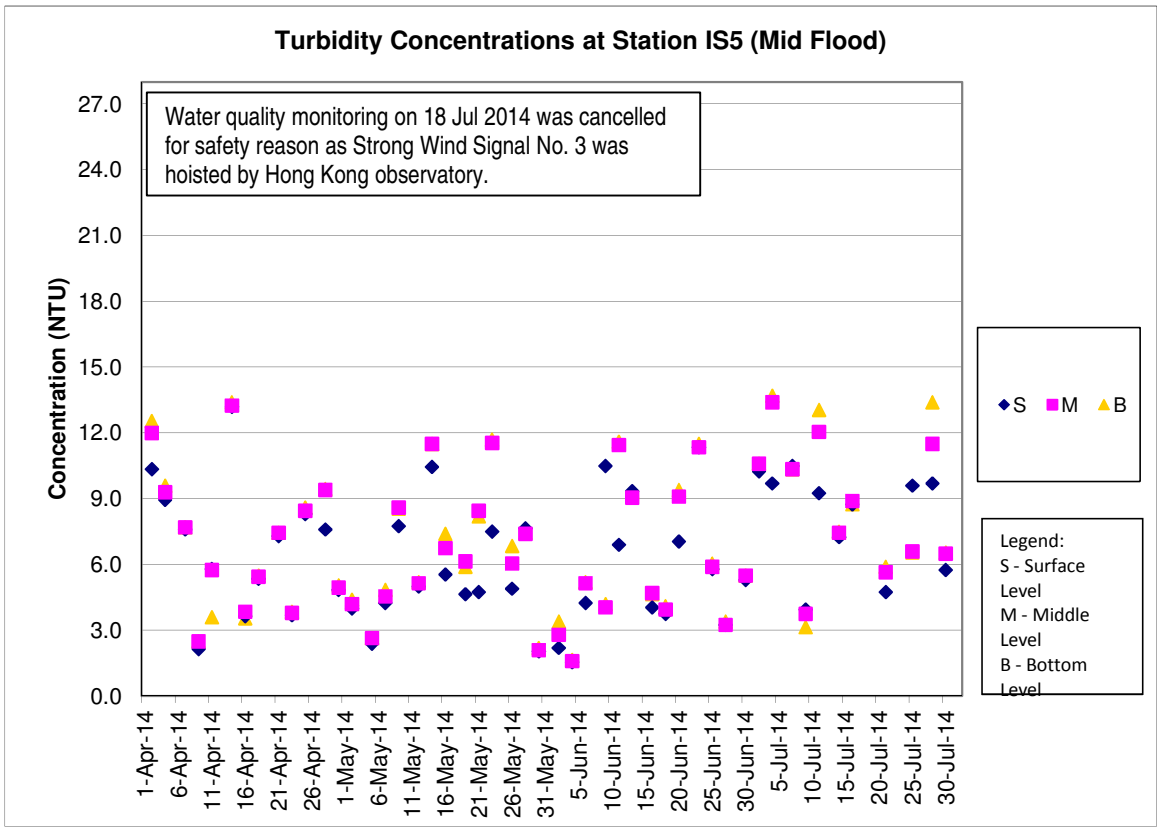

Turbidity Concentrations at Station CS2 (Mid Ebb)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (NTU)
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

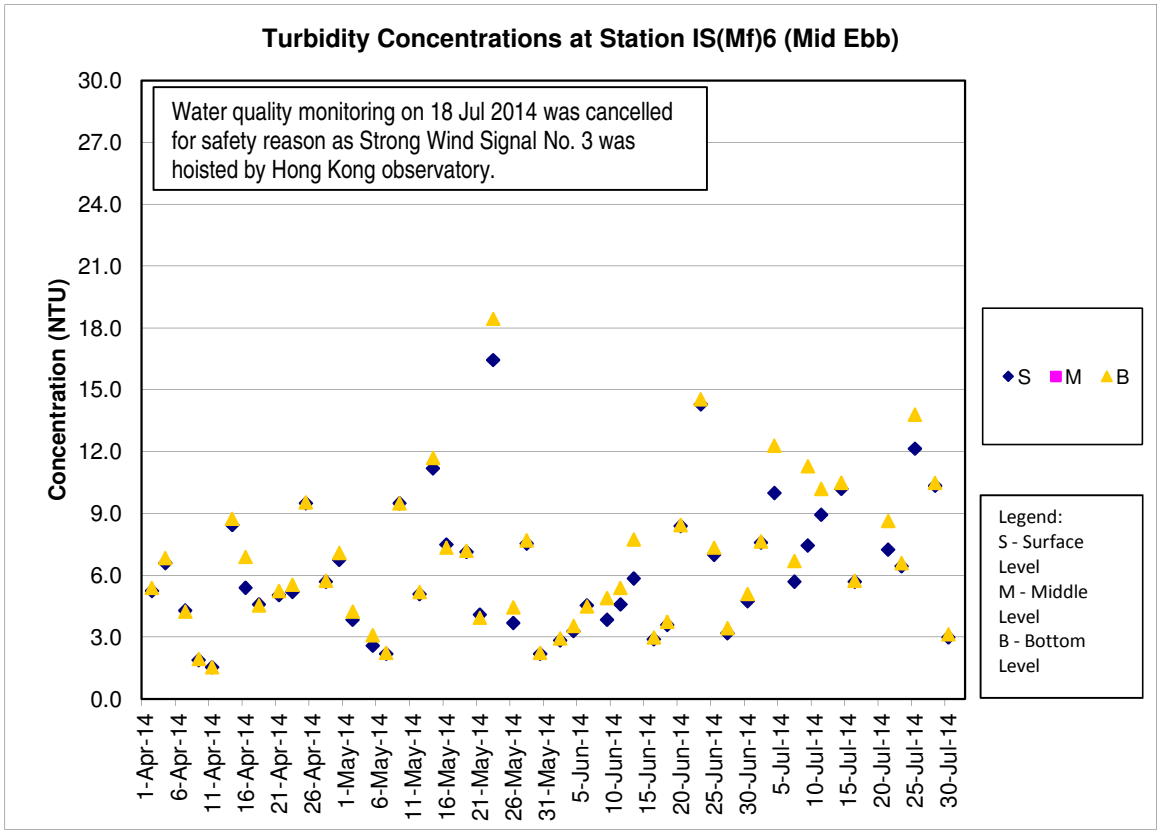

Turbidity Concentrations at Station CS2 (Mid Flood)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (NTU)
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-...
16-May-...
21-May-...
26-May-...
31-May-...
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

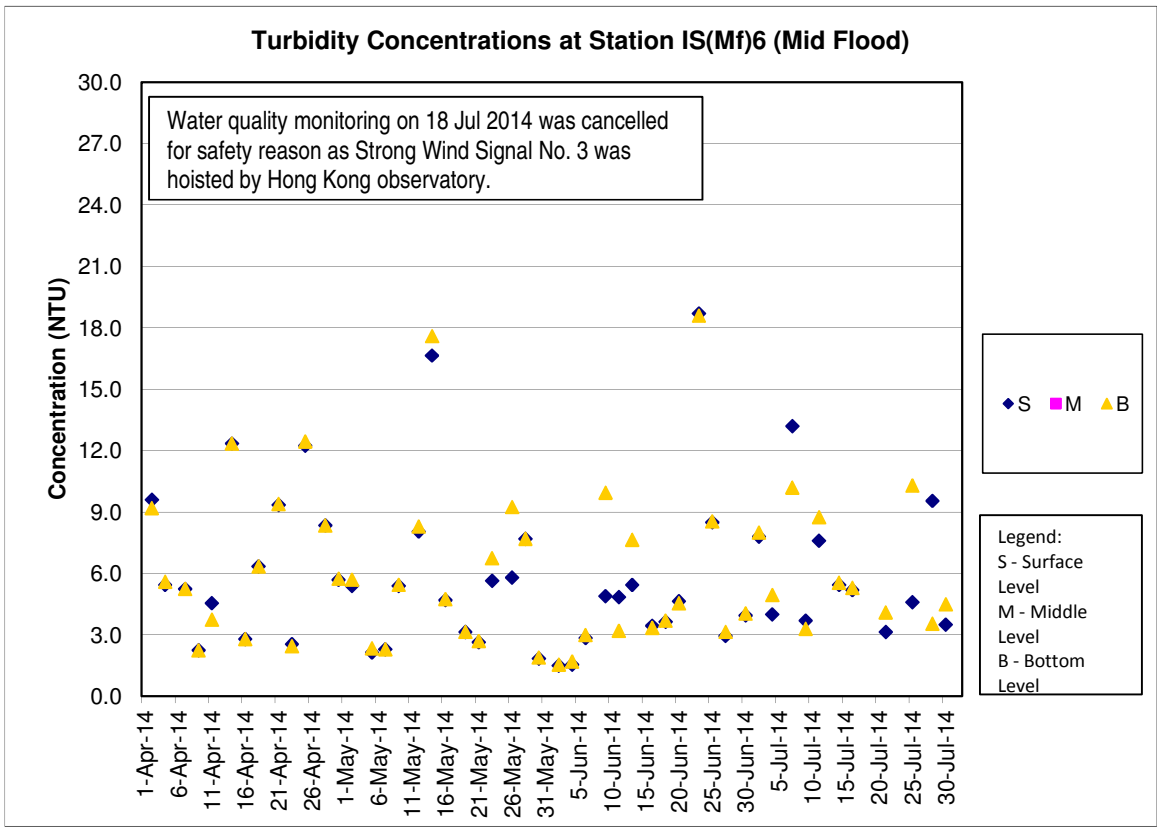

Turbidity Concentrations at Station CS(Mf)5 (Mid Ebb)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (NTU)
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

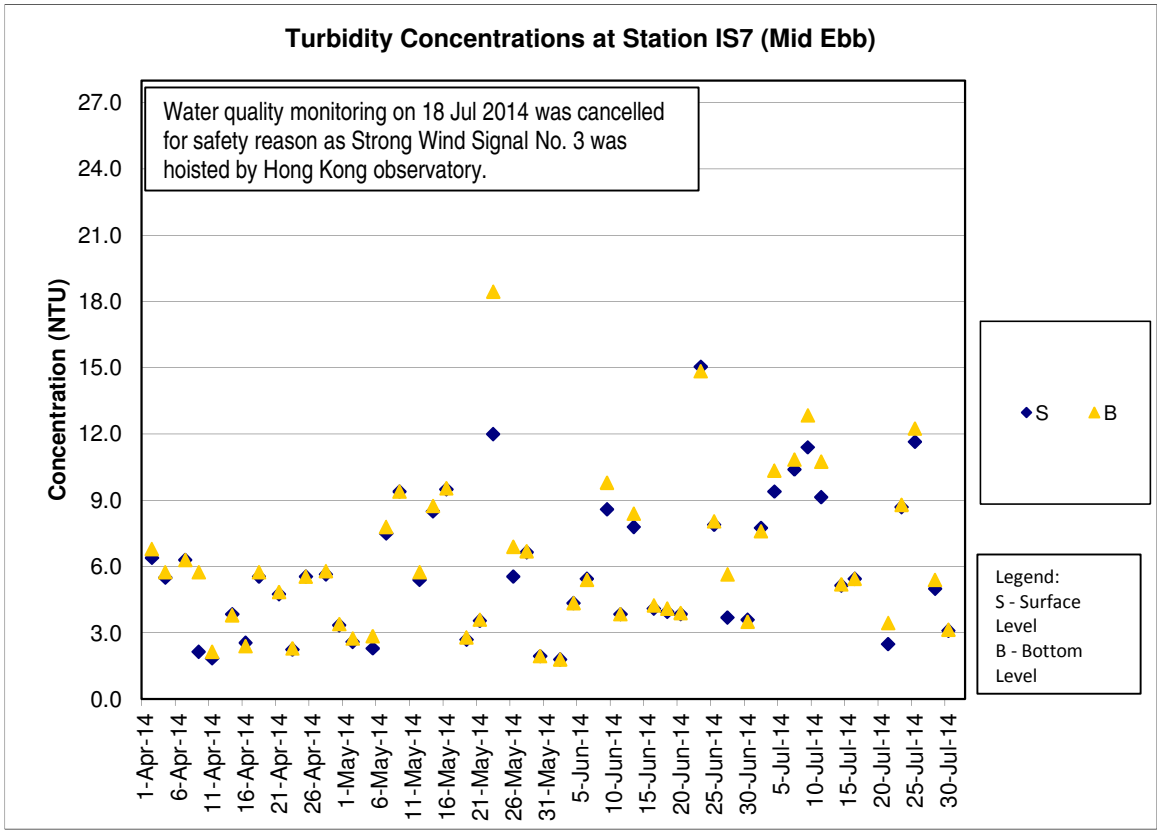

Turbidity Concentrations at Station CS(Mf)5 (Mid Flood)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (NTU)
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

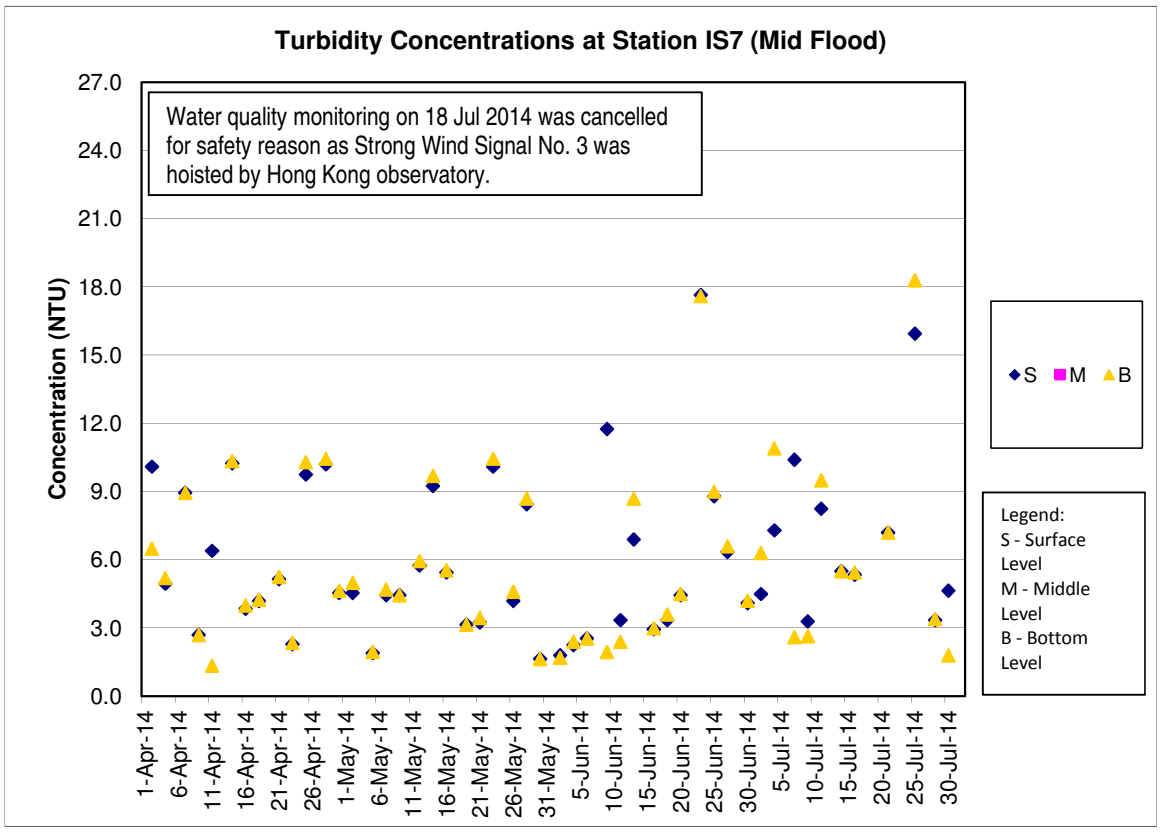

Turbidity Concentrations at Station IS5 (Mid Ebb)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (NTU)
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

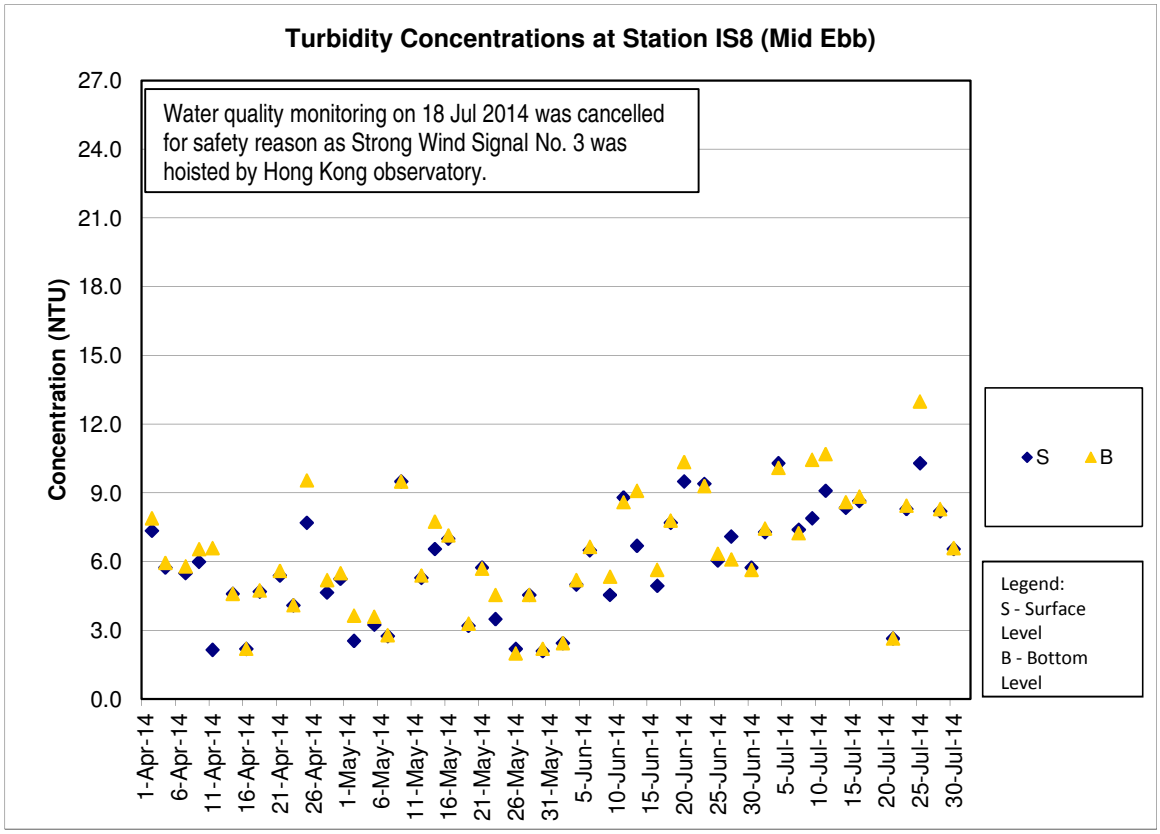

Turbidity Concentrations at Station IS5 (Mid Flood)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (NTU)
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

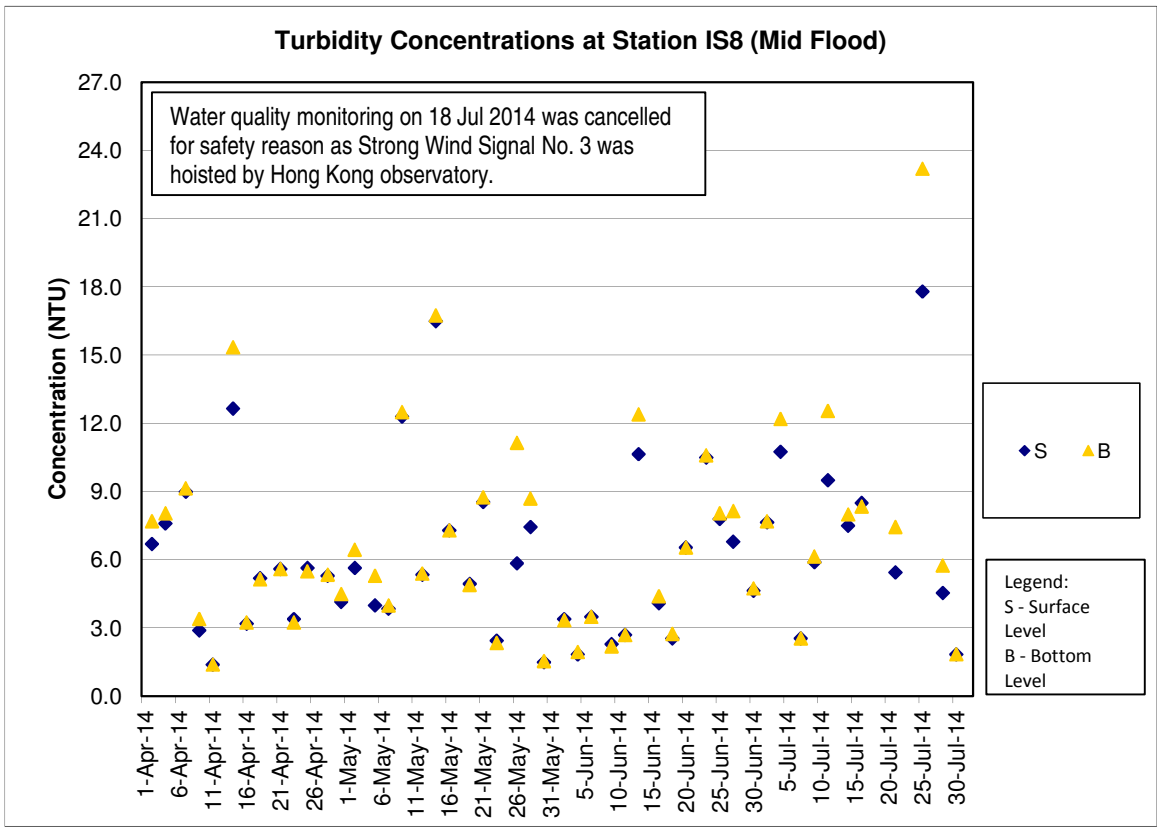

Turbidity Concentrations at Station IS(Mf)6 (Mid Ebb)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (NTU)
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

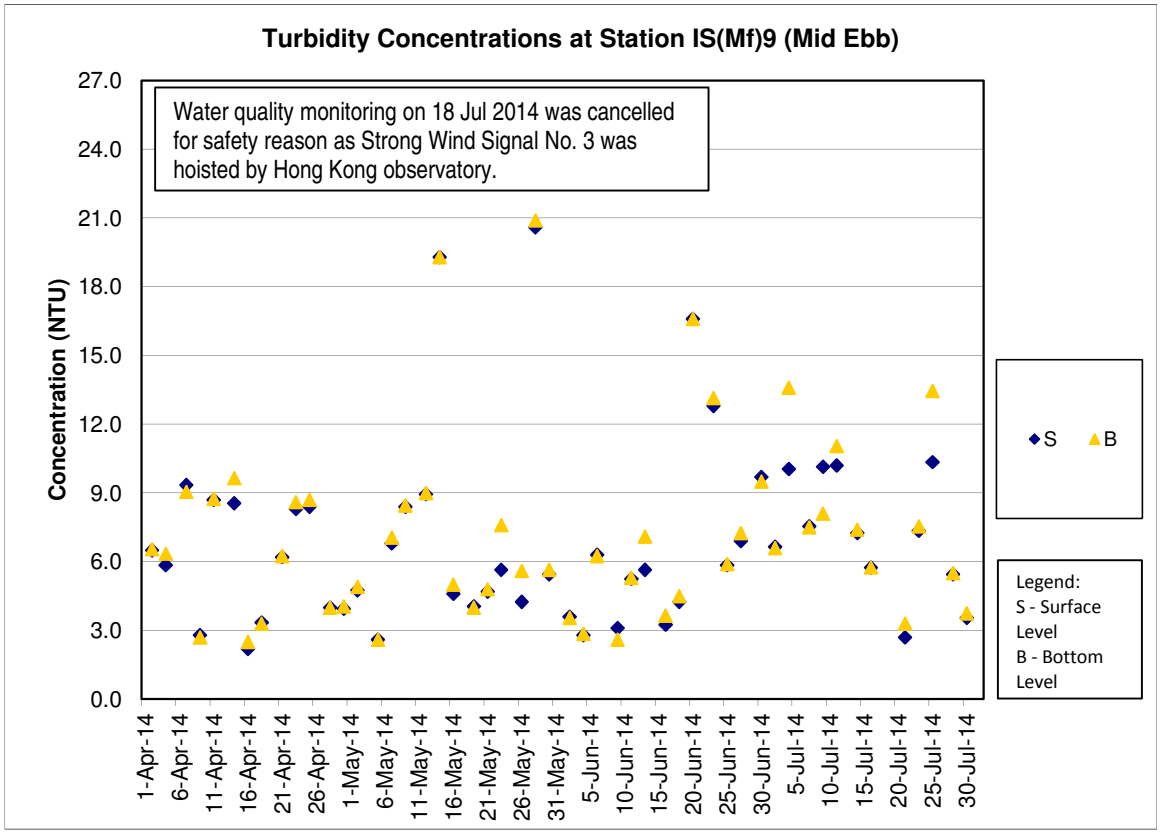

Turbidity Concentrations at Station IS(Mf)6 (Mid Flood)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (NTU)
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

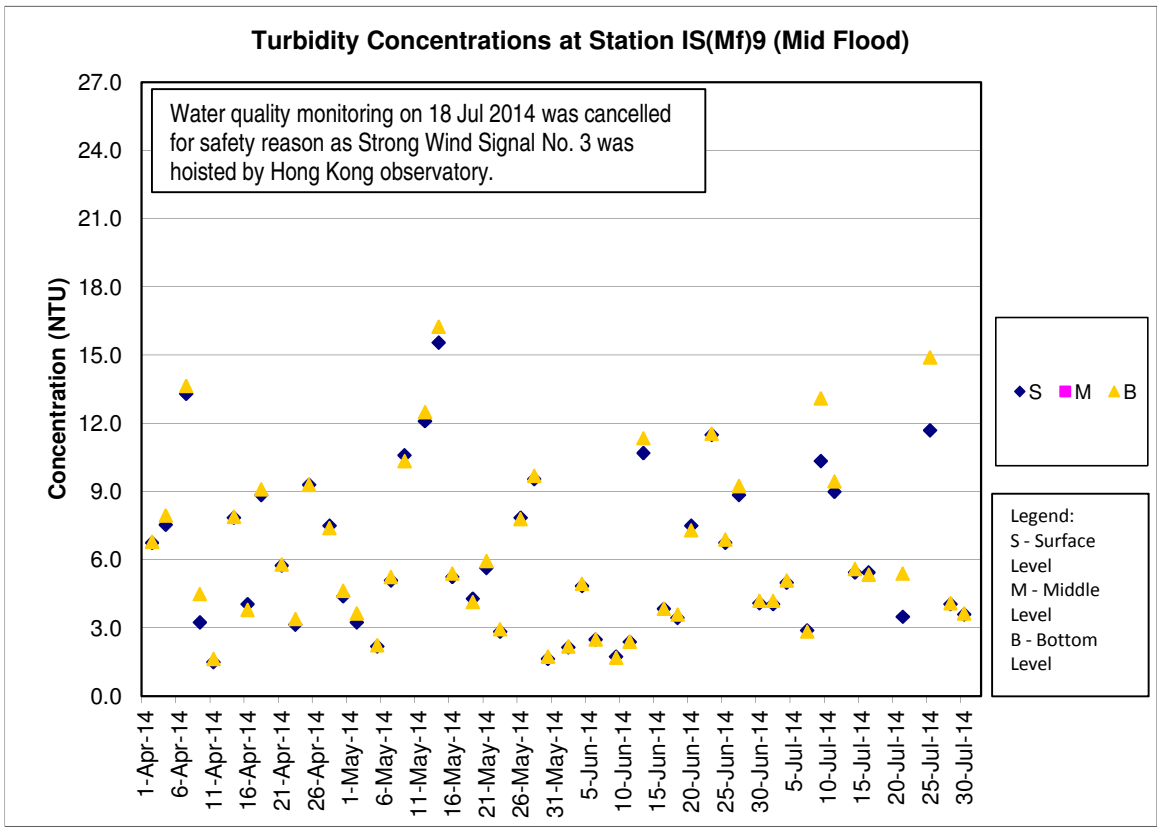

Turbidity Concentrations at Station IS7 (Mid Ebb)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (NTU)
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S
B
Legend:
S - Surface Level
B - Bottom Level

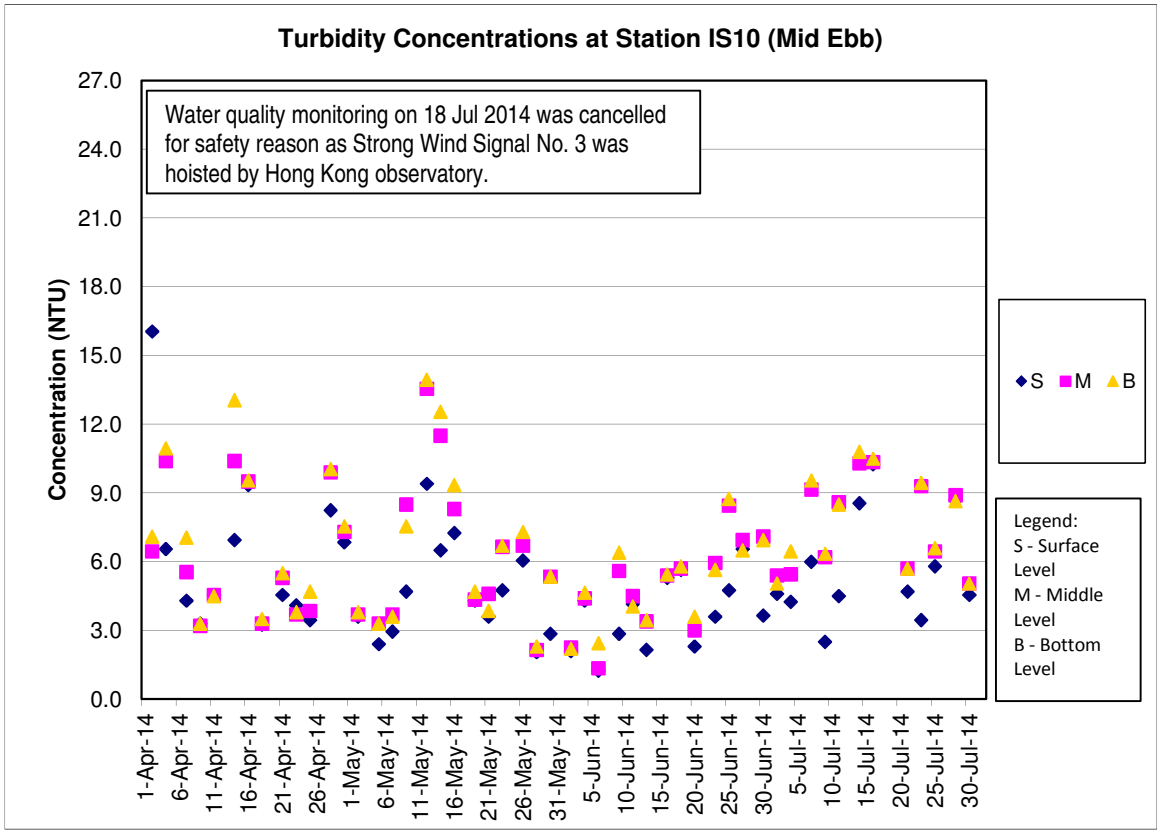

Turbidity Concentrations at Station IS7 (Mid Flood)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (NTU)
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

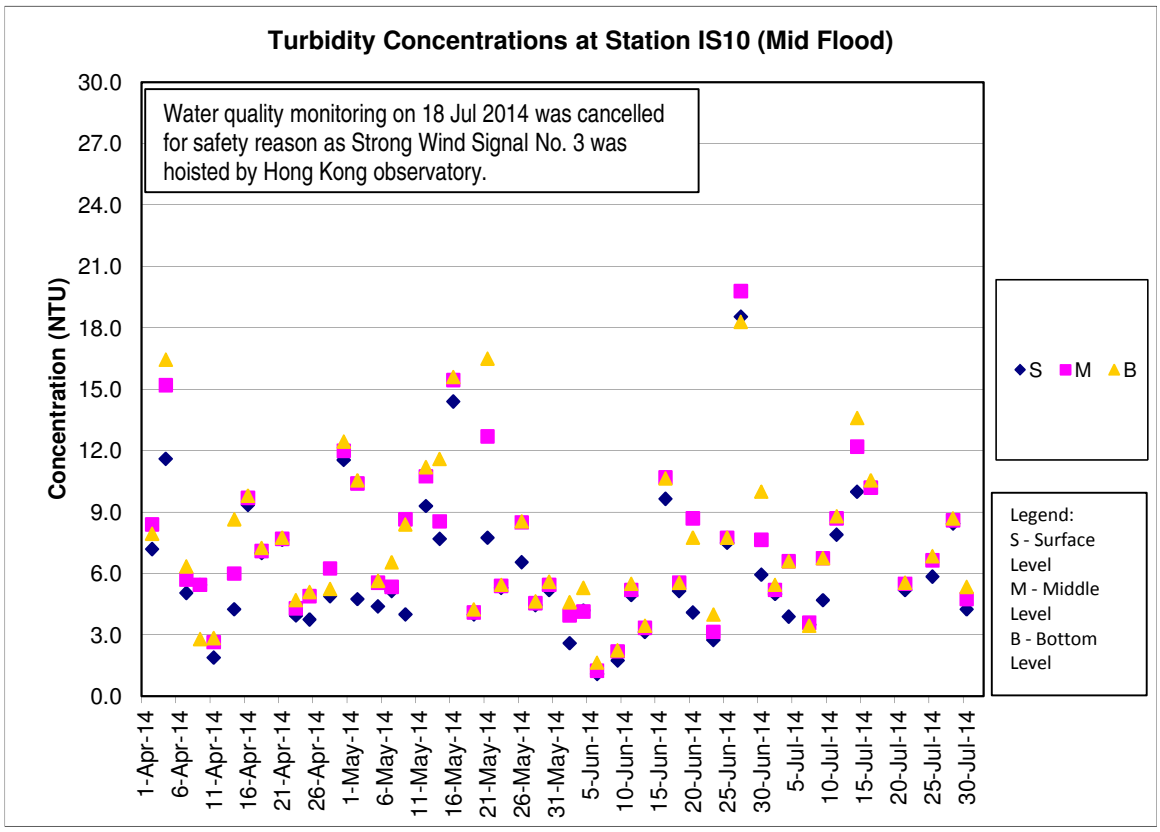

Turbidity Concentrations at Station IS8 (Mid Ebb)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (NTU)
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S
B
Legend:
S - Surface Level
B - Bottom Level

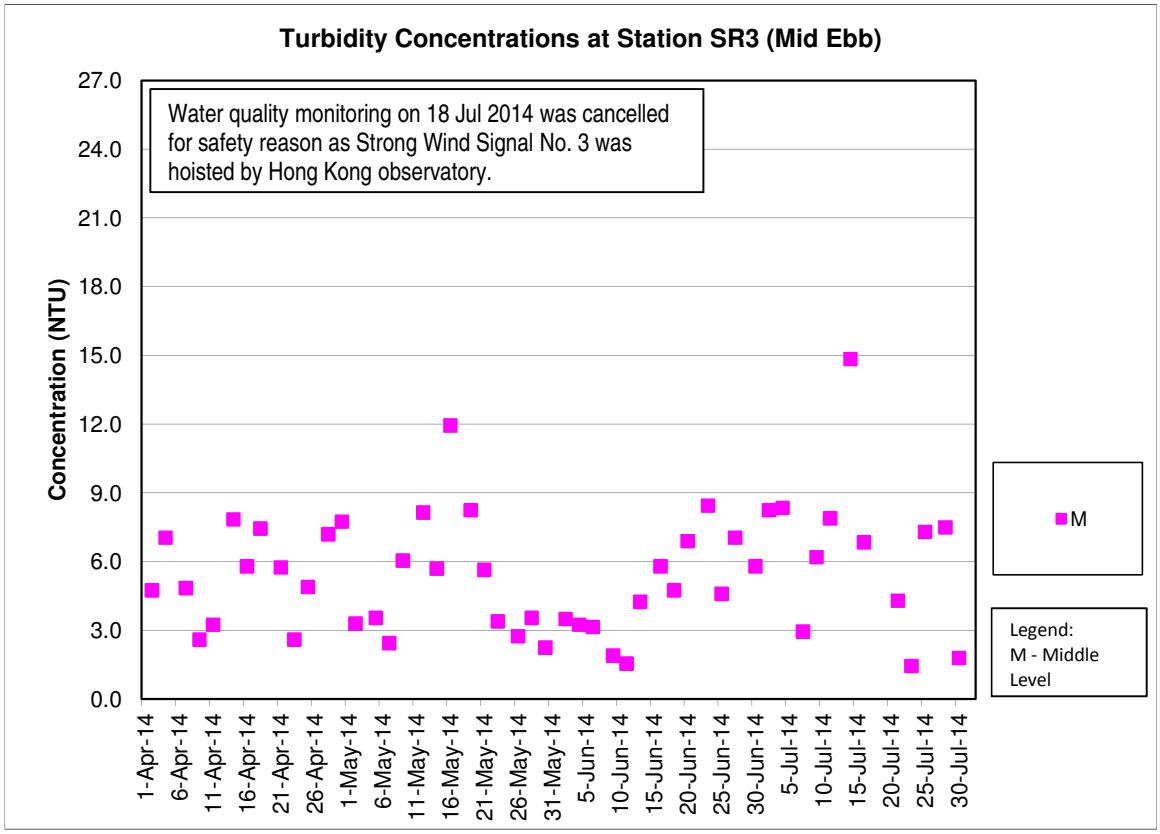

Turbidity Concentrations at Station IS8 (Mid Flood)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (NTU)
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S
B
Legend:
S - Surface Level
B - Bottom Level

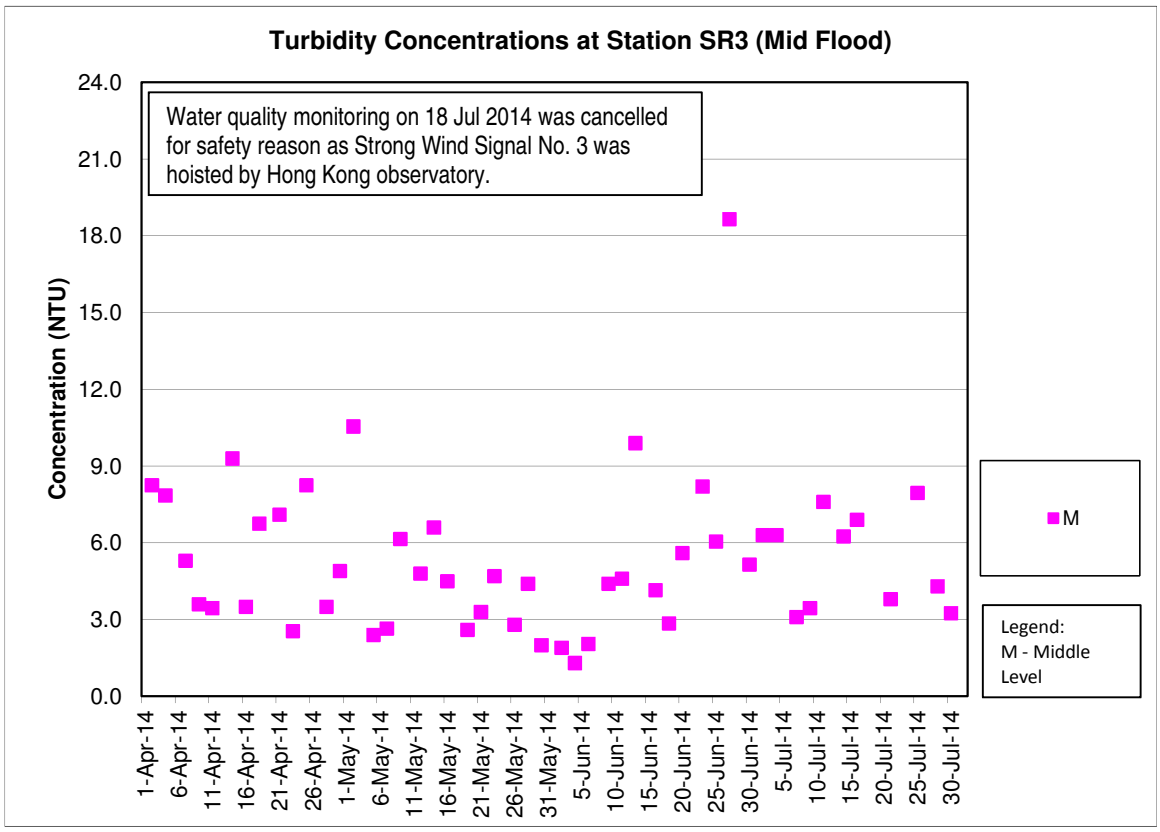

Turbidity Concentrations at Station IS(Mf)9 (Mid Ebb)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (NTU)
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S
B
Legend:
S - Surface Level
B - Bottom Level

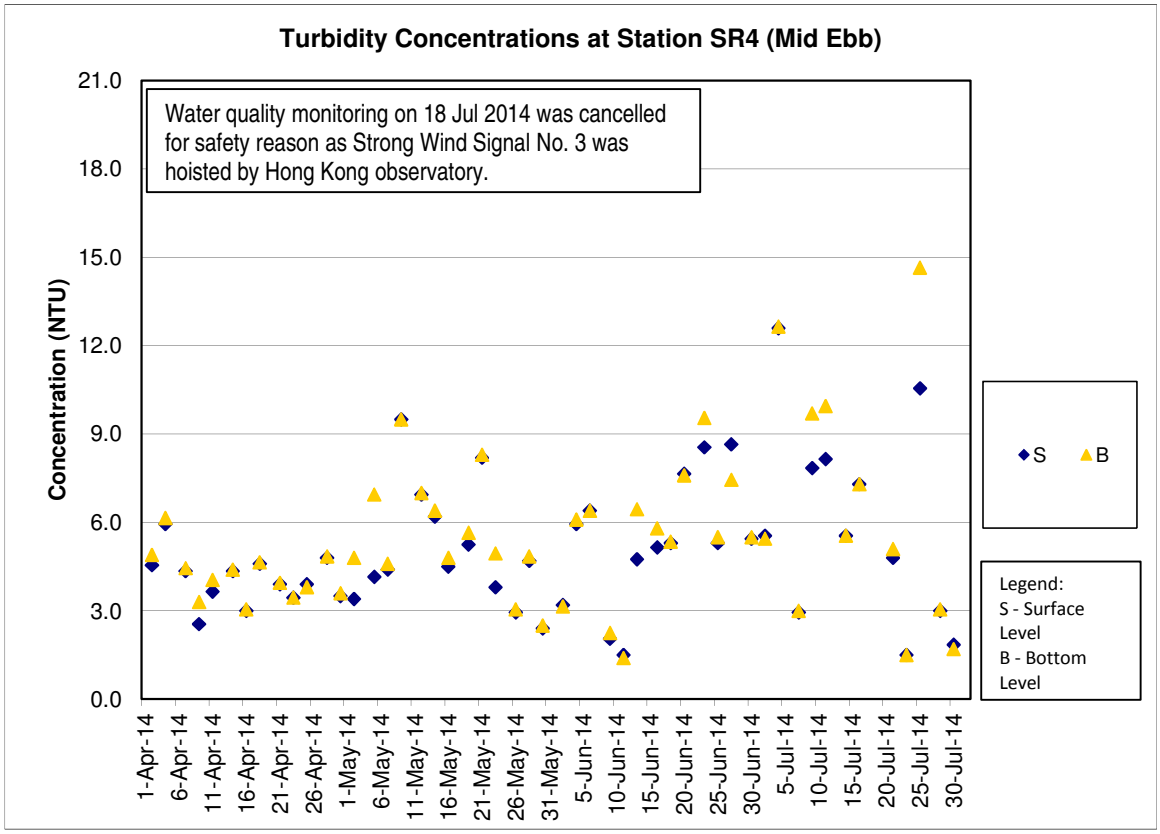

Turbidity Concentrations at Station IS(Mf)9 (Mid Flood)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (NTU)
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

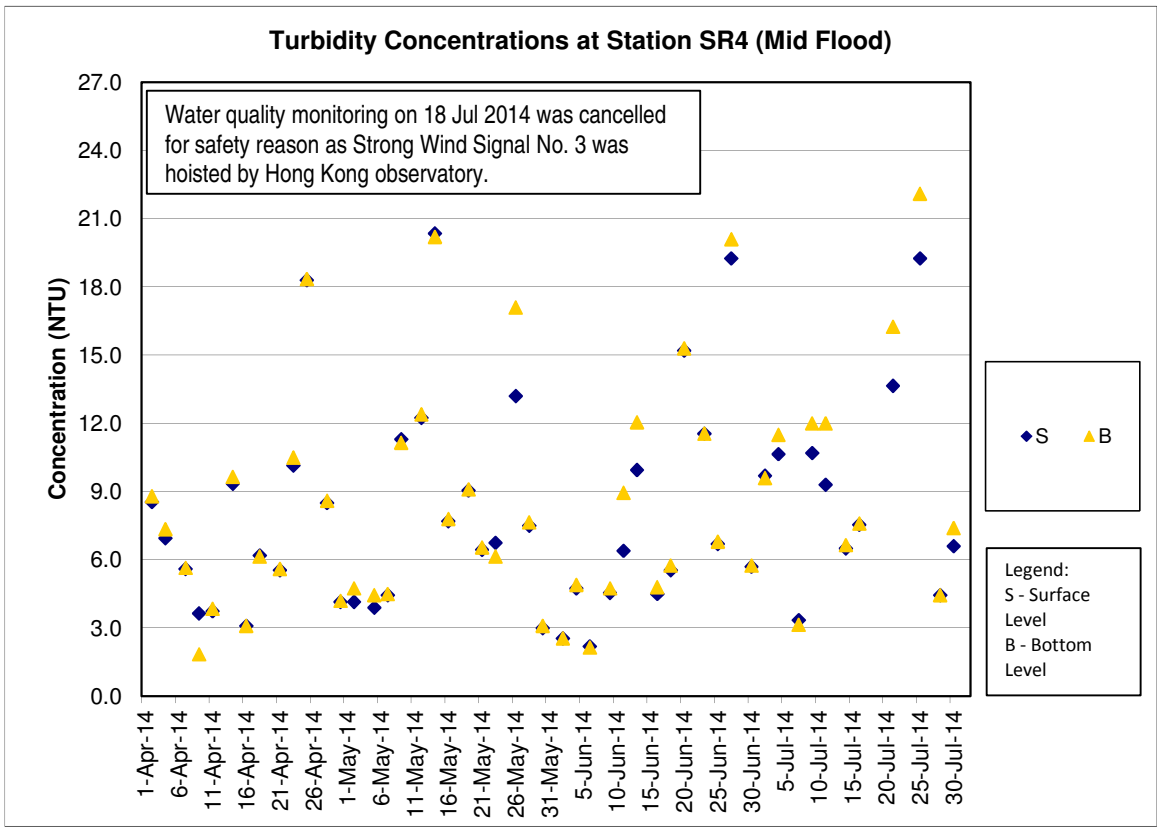

Turbidity Concentrations at Station IS10 (Mid Ebb)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (NTU)
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

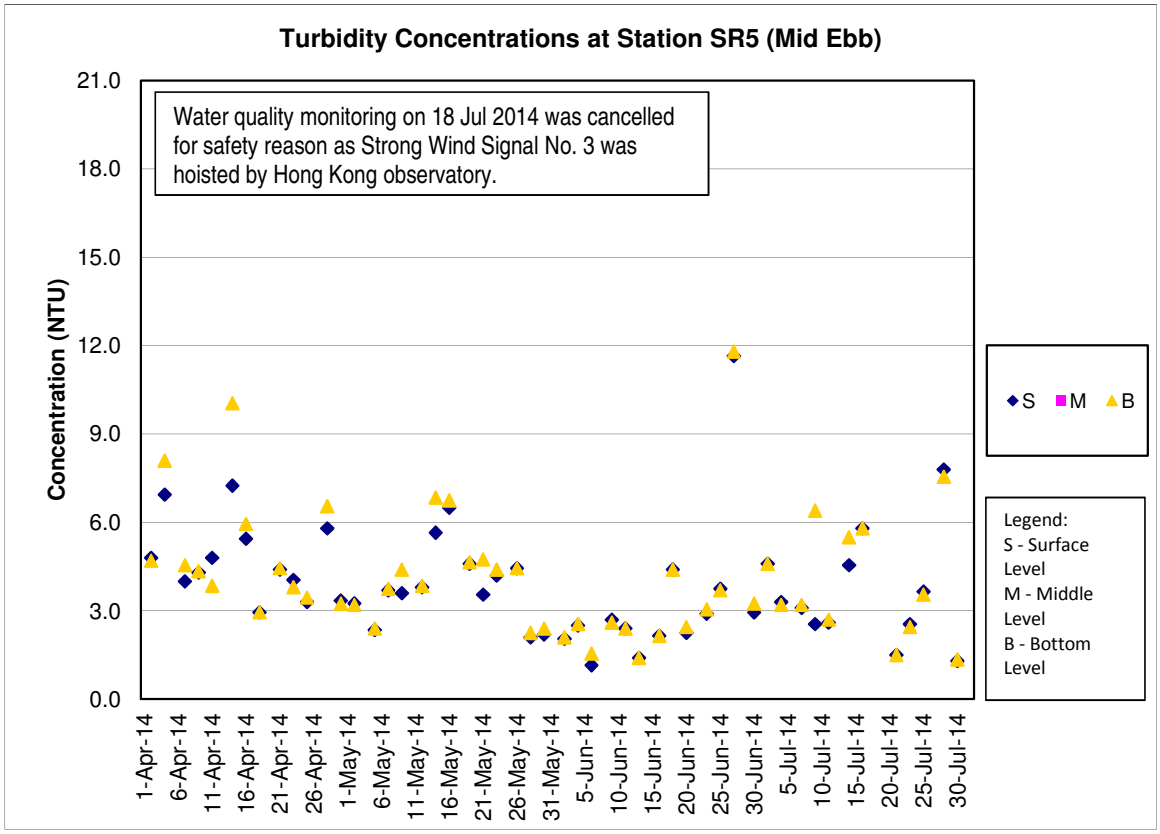

Turbidity Concentrations at Station IS10 (Mid Flood)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (NTU)
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

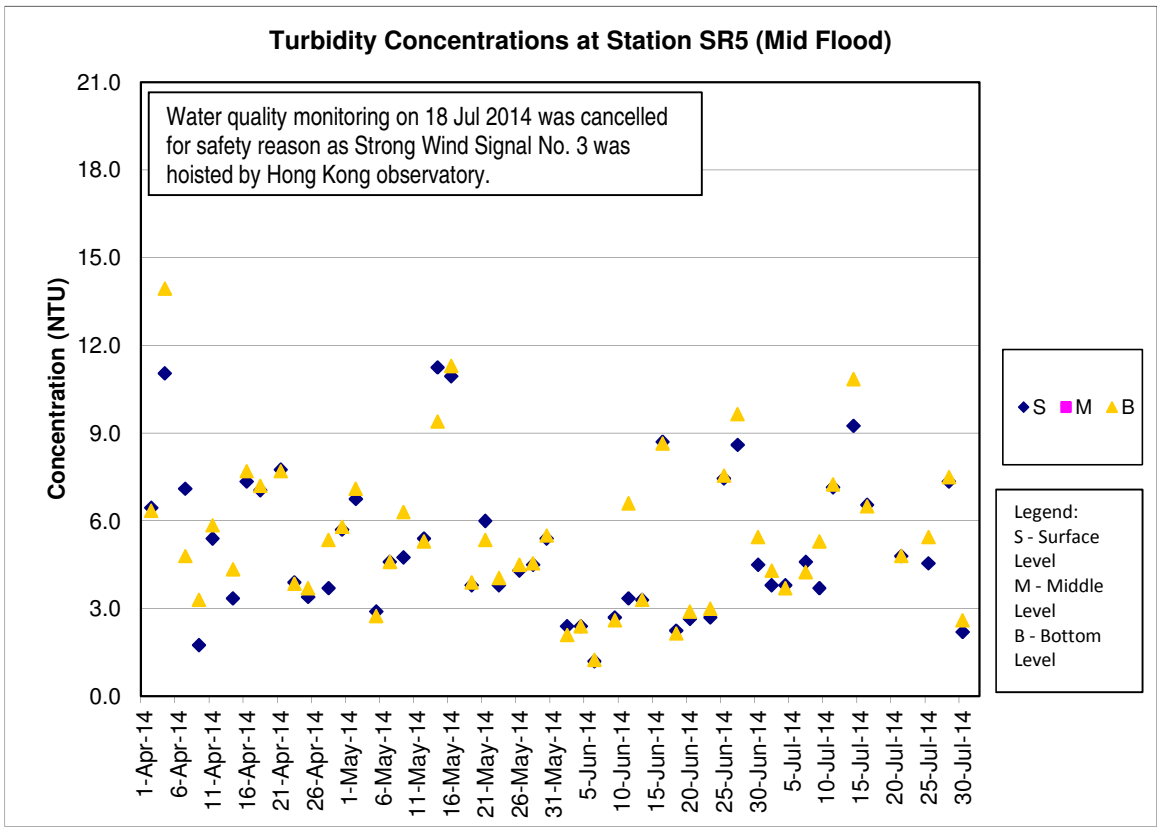

Turbidity Concentrations at Station SR3 (Mid Ebb)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (NTU)
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
M
Legend:
M - Middle Level

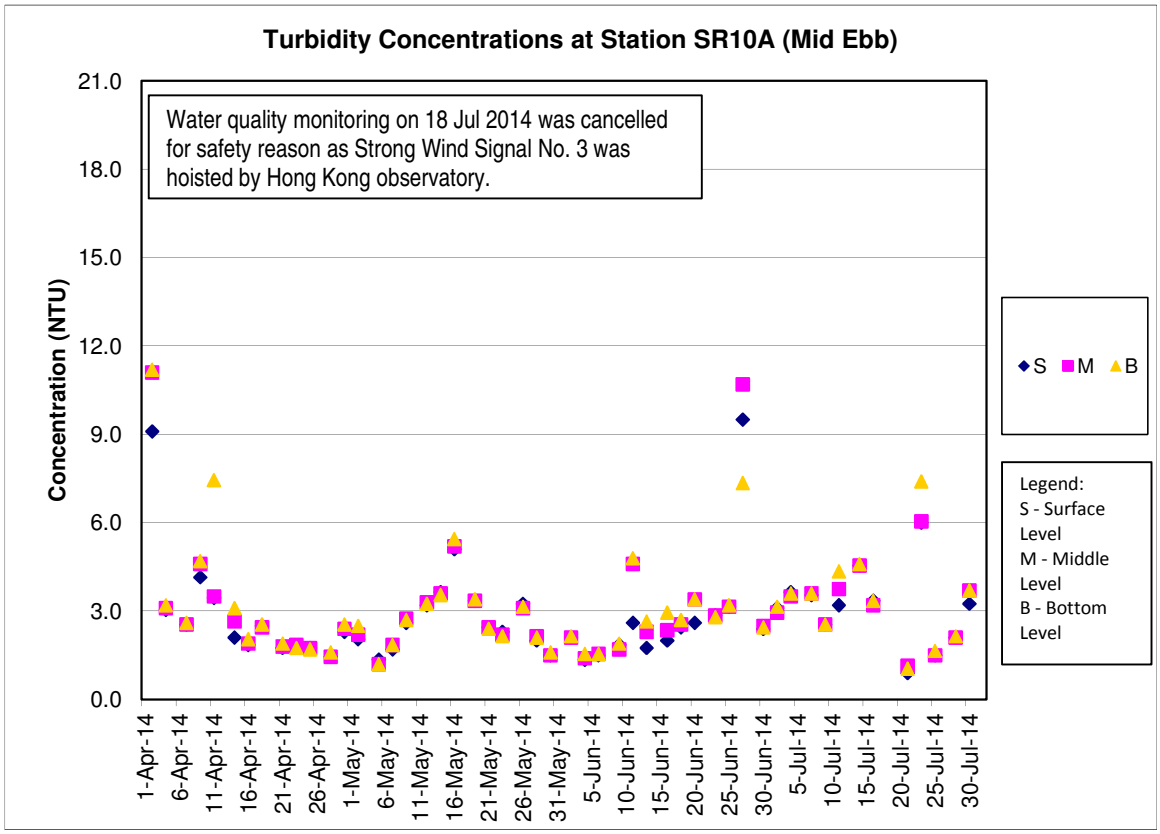

Turbidity Concentrations at Station SR3 (Mid Flood)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (NTU)
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
M
Legend:
M - Middle Level

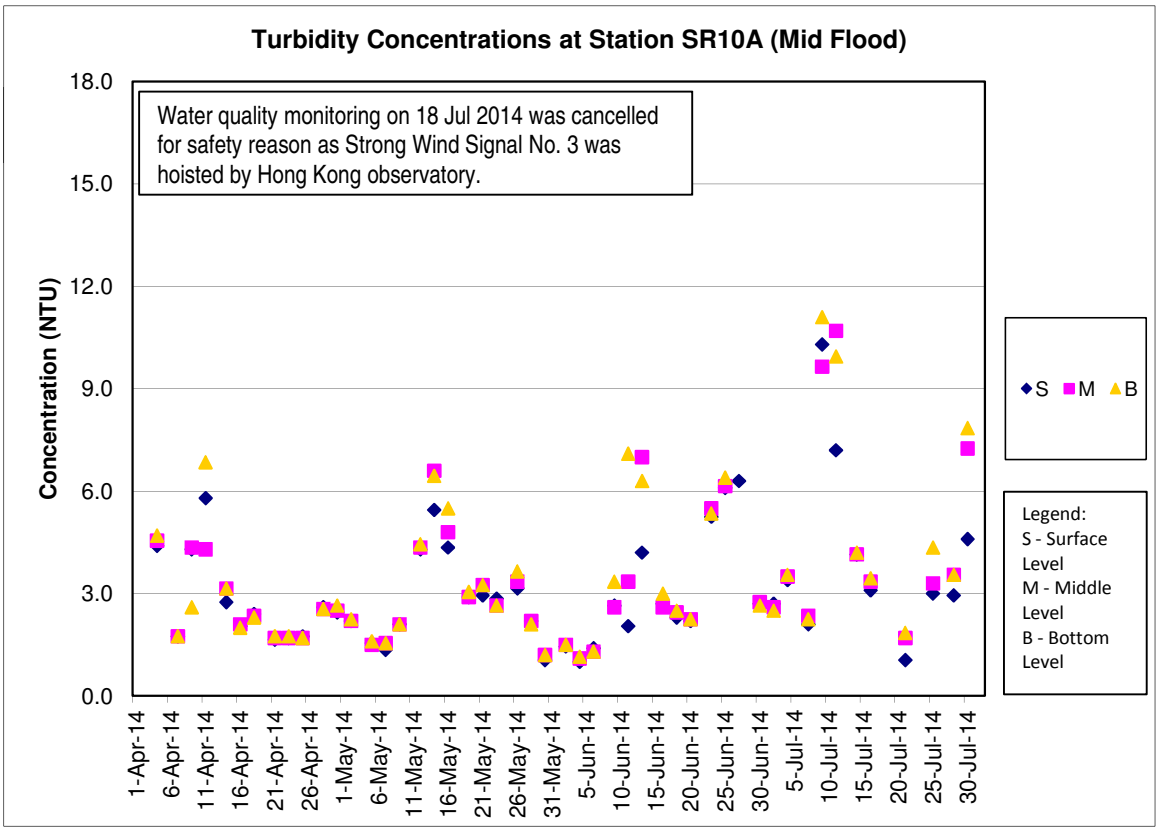

Turbidity Concentrations at Station SR4 (Mid Ebb)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (NTU)
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S
B
Legend:
S - Surface Level
B - Bottom Level

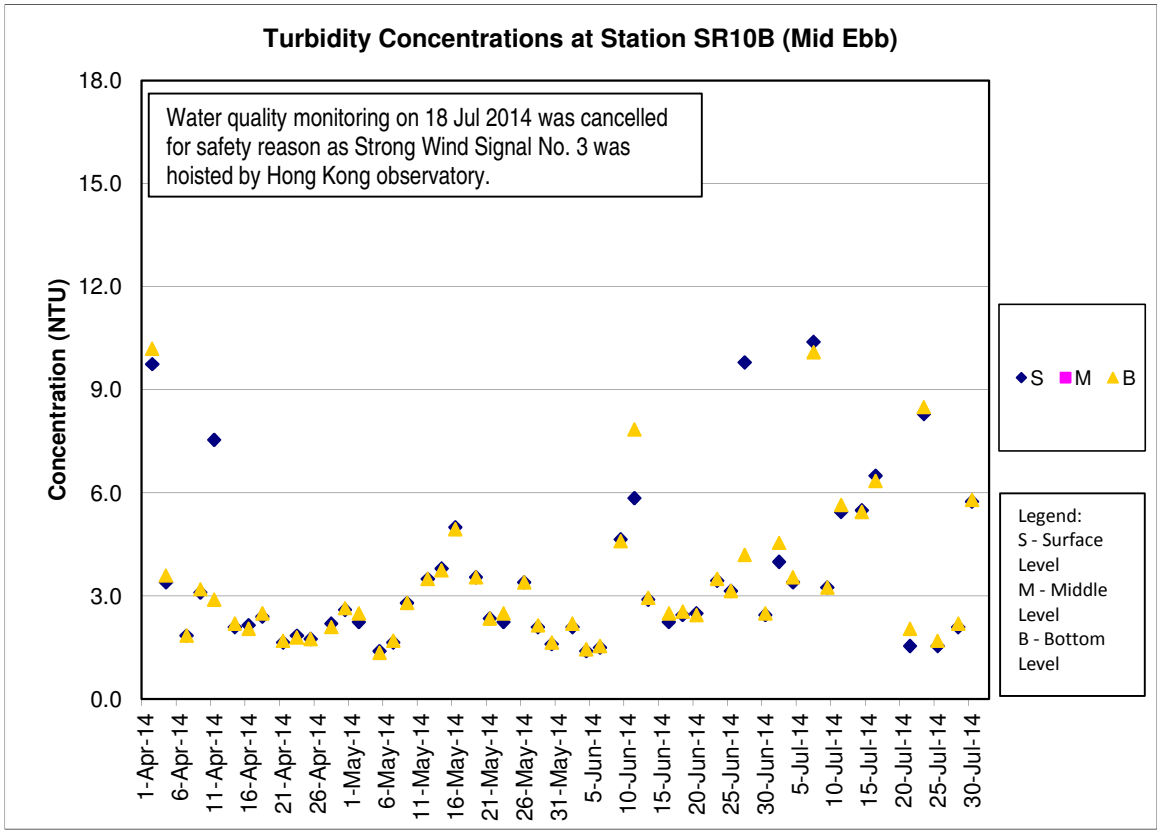

Turbidity Concentrations at Station SR4 (Mid Flood)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (NTU)
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S
B
Legend:
S - Surface Level
B - Bottom Level

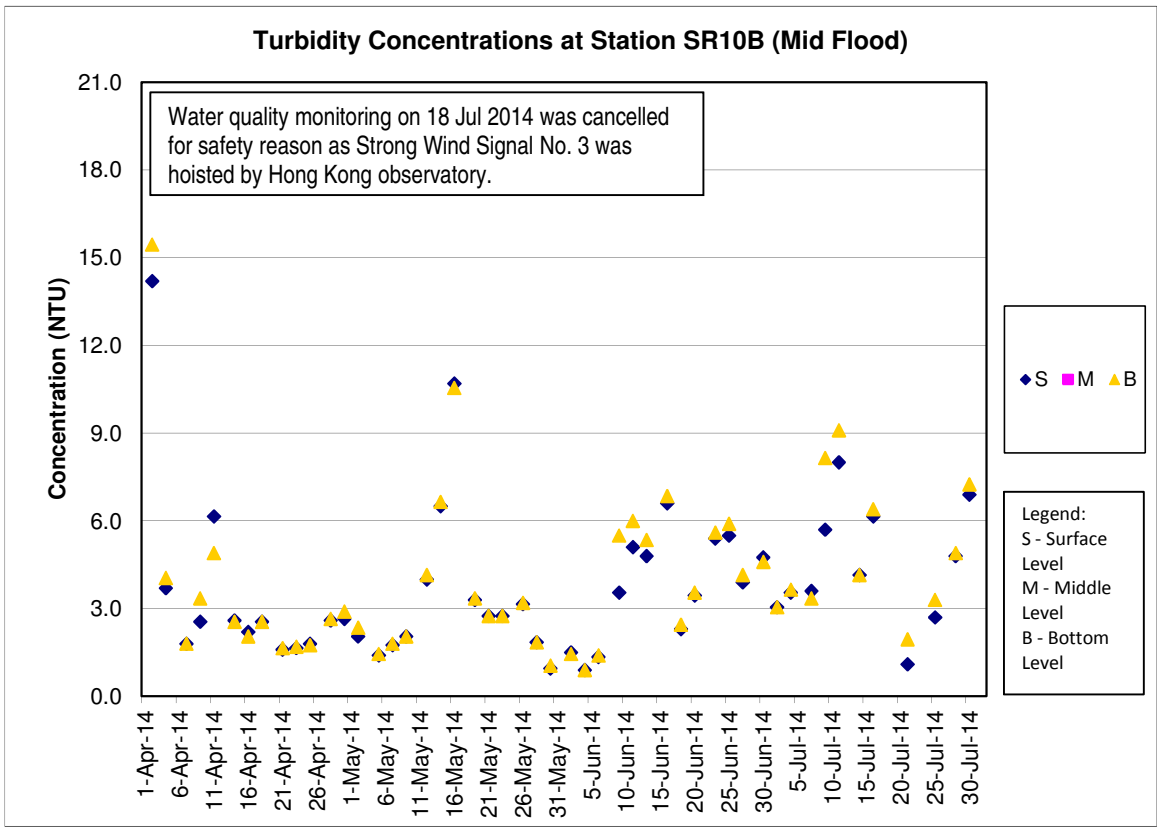

Turbidity Concentrations at Station SR5 (Mid Ebb)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (NTU)
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

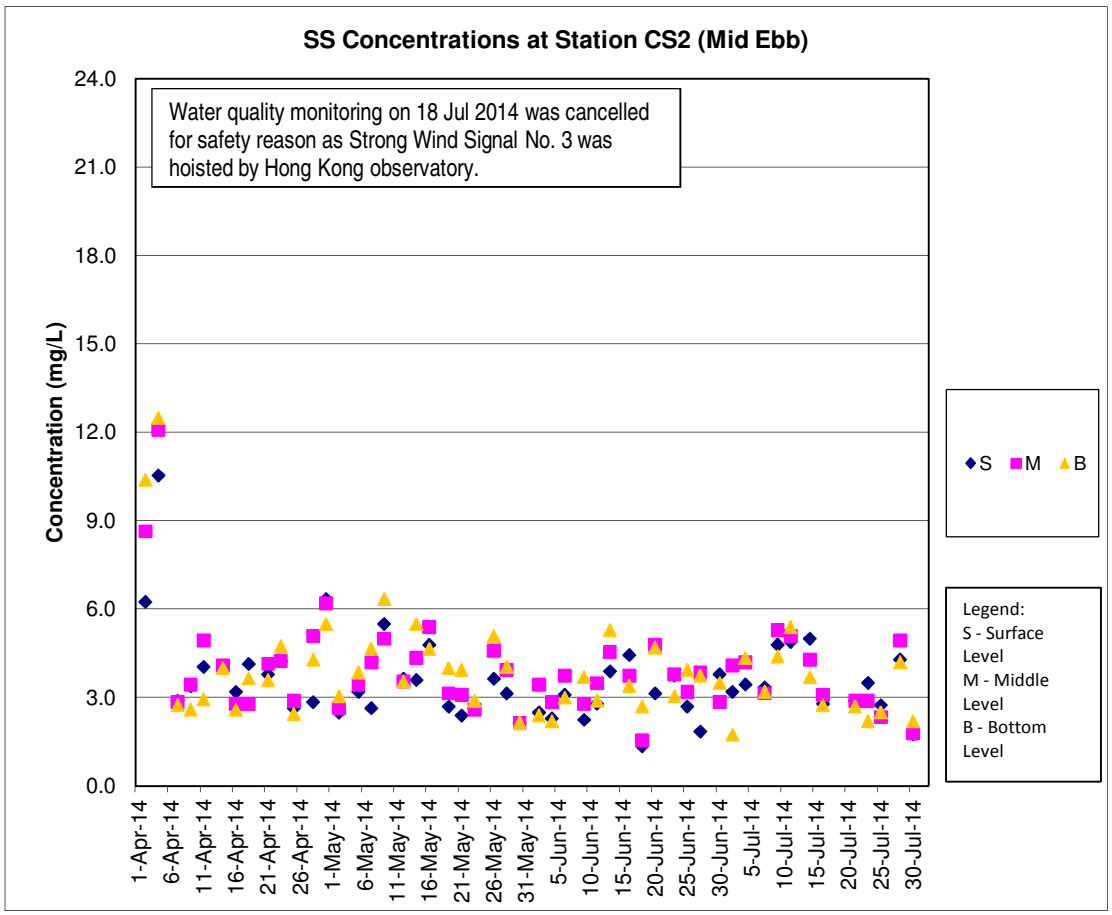

Turbidity Concentrations at Station SR5 (Mid Flood)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (NTU)
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

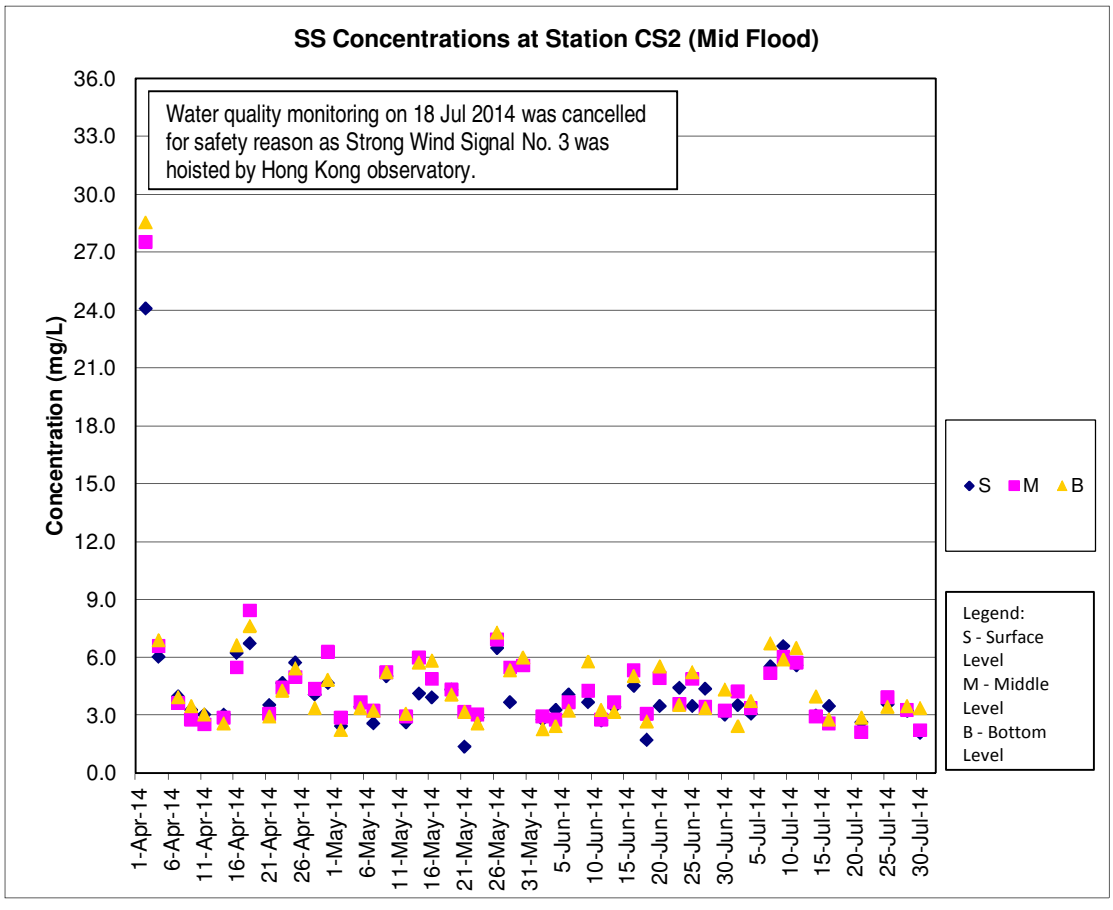

Turbidity Concentrations at Station SR10A (Mid Ebb)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (NTU)
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

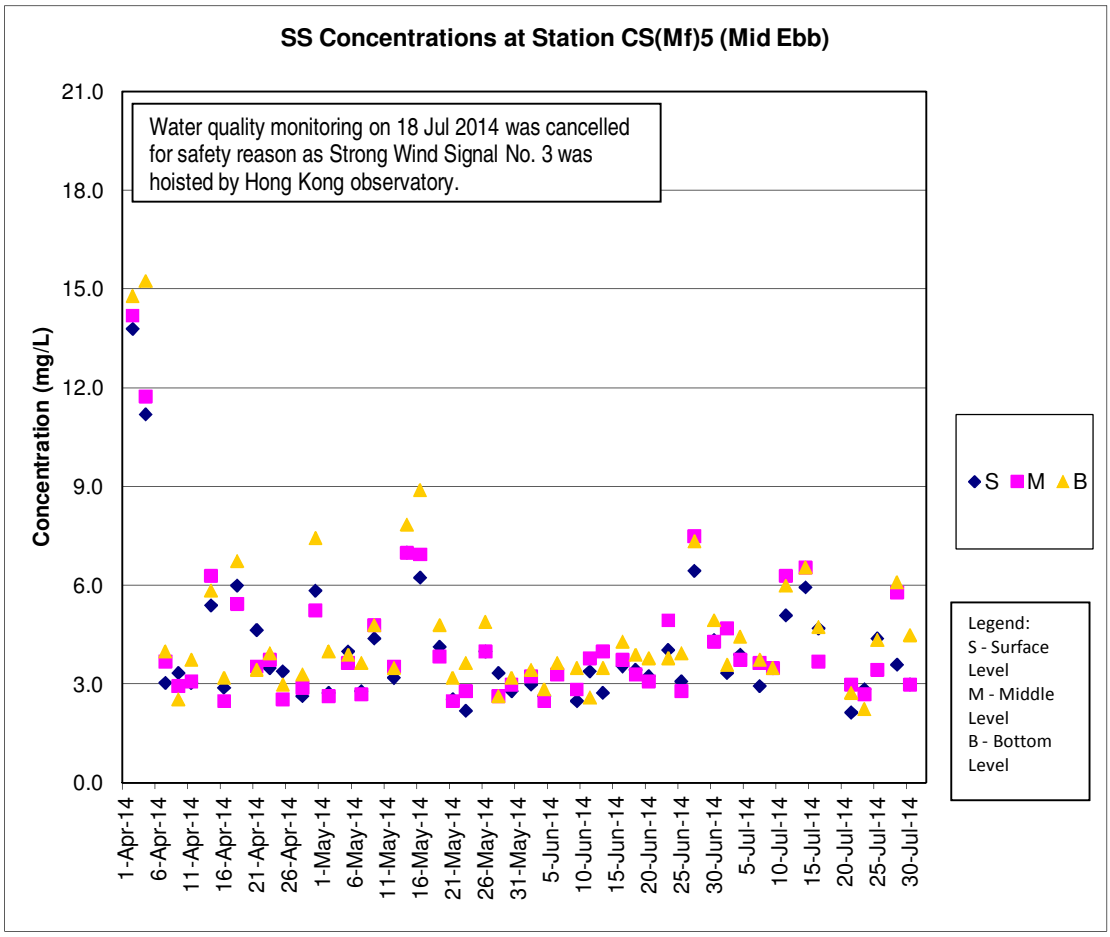

Turbidity Concentrations at Station SR10A (Mid Flood)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (NTU)
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

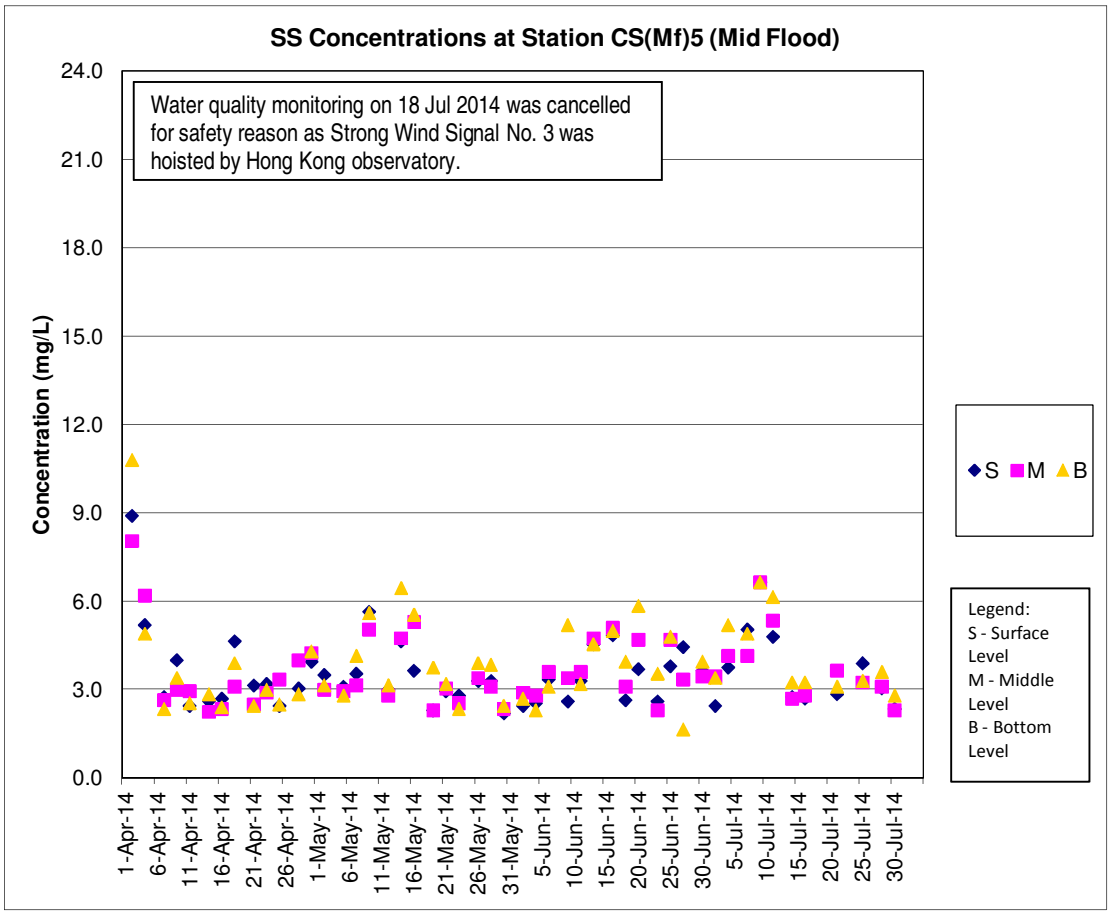

Turbidity Concentrations at Station SR10B (Mid Ebb)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (NTU)
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

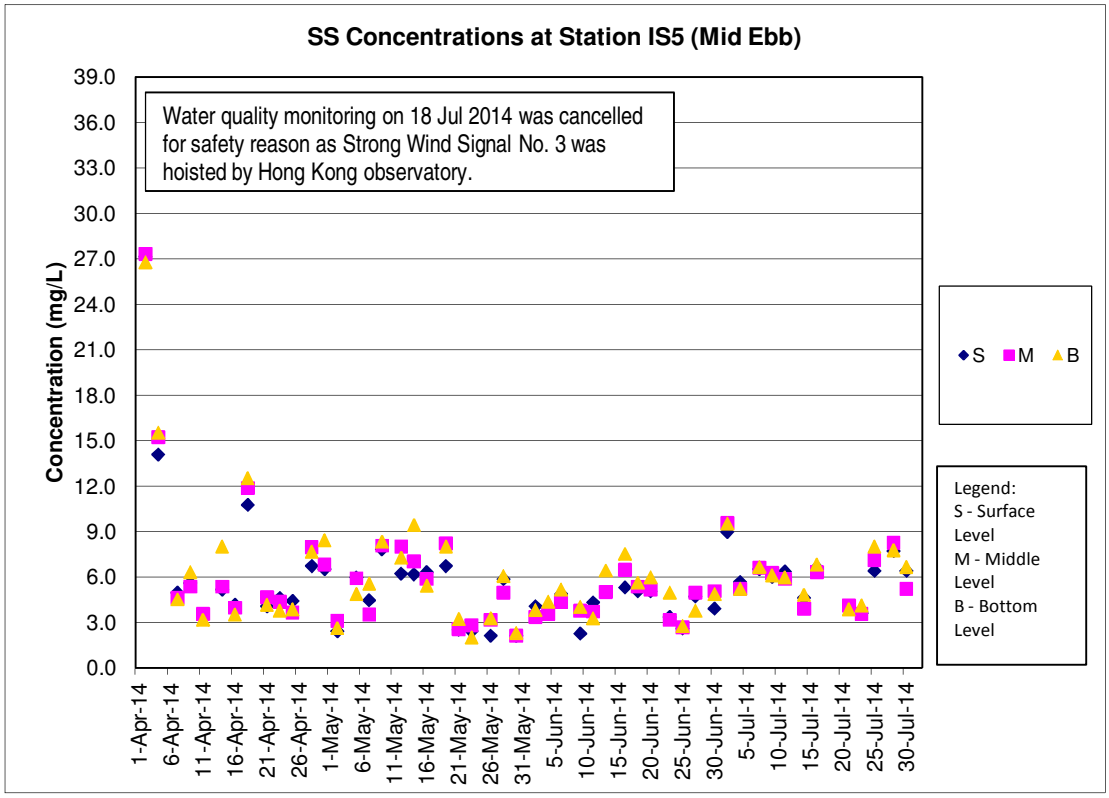

Turbidity Concentrations at Station SR10B (Mid Flood)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (NTU)
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

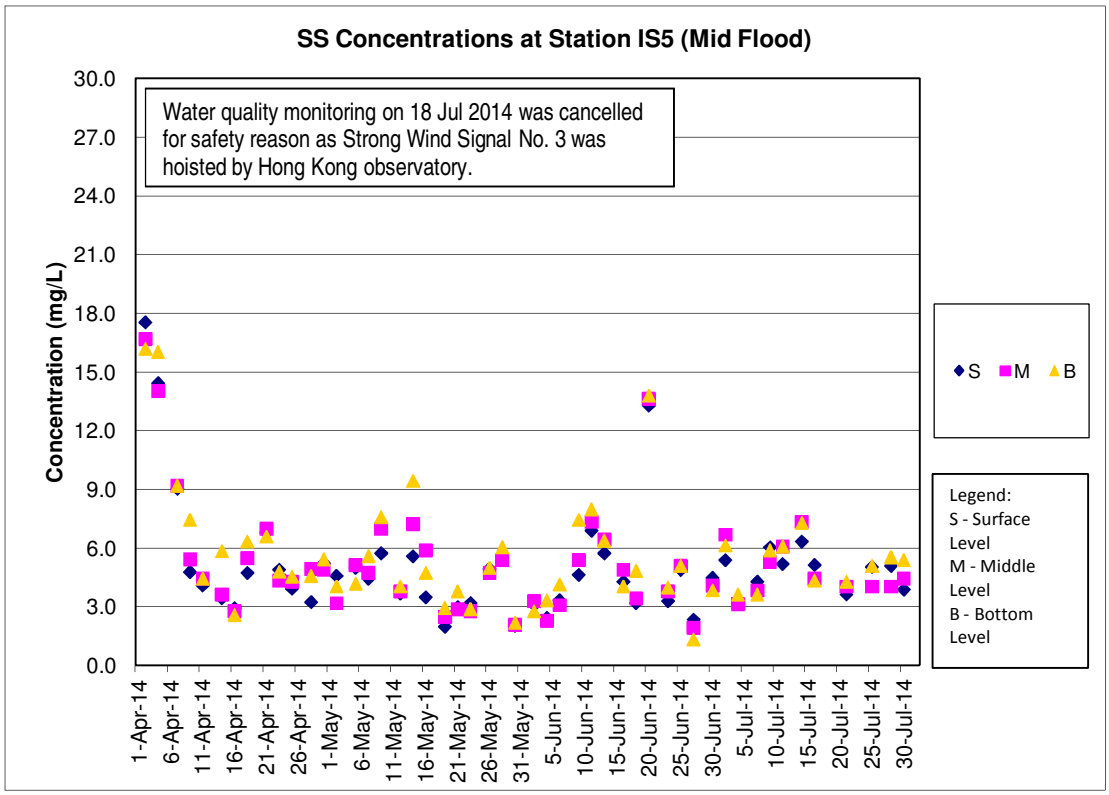

SS Concentrations at Station CS2 (Mid Ebb)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (mg/L)
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

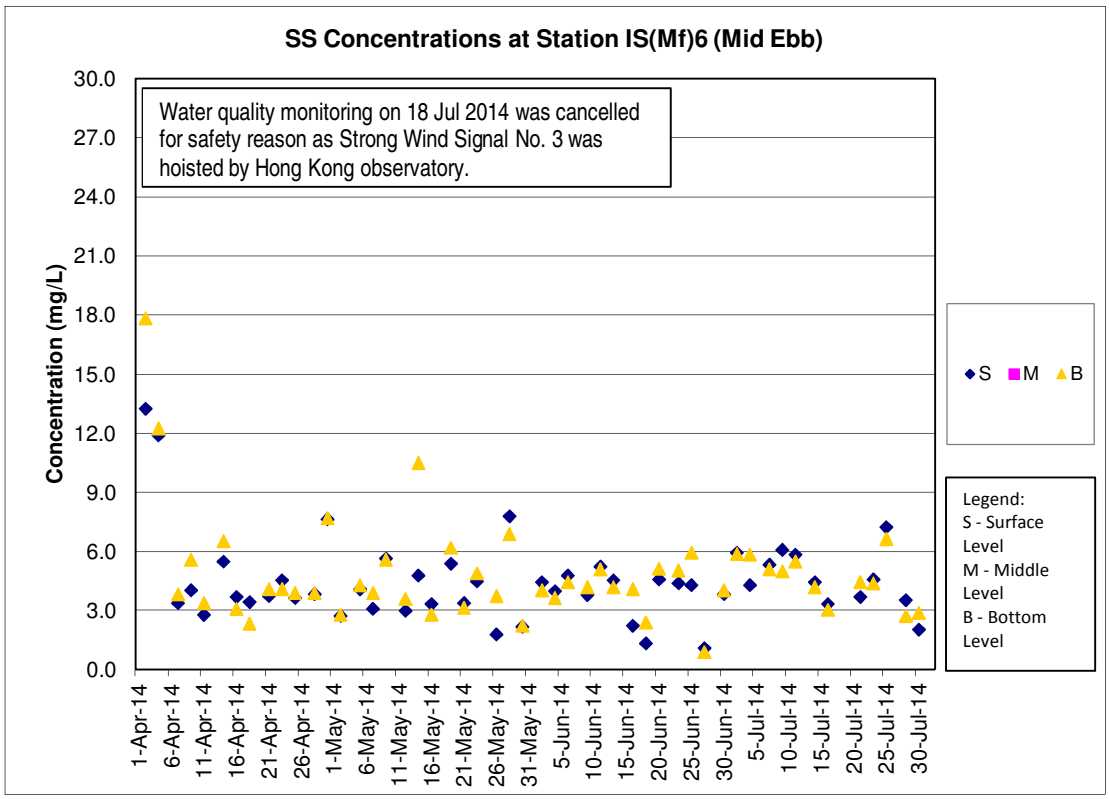

SS Concentrations at Station CS2 (Mid Flood)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (mg/L)
36.0
33.0
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

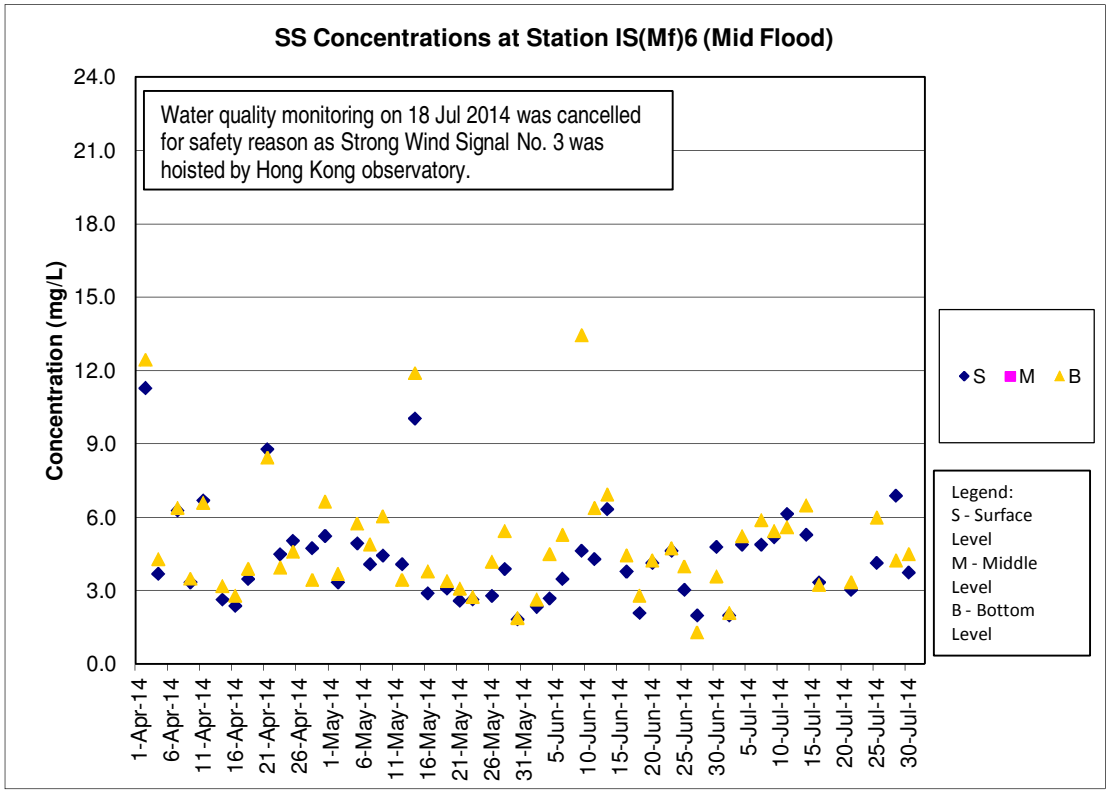

SS Concentrations at Station CS(Mf)5 (Mid Ebb)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (mg/L)
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

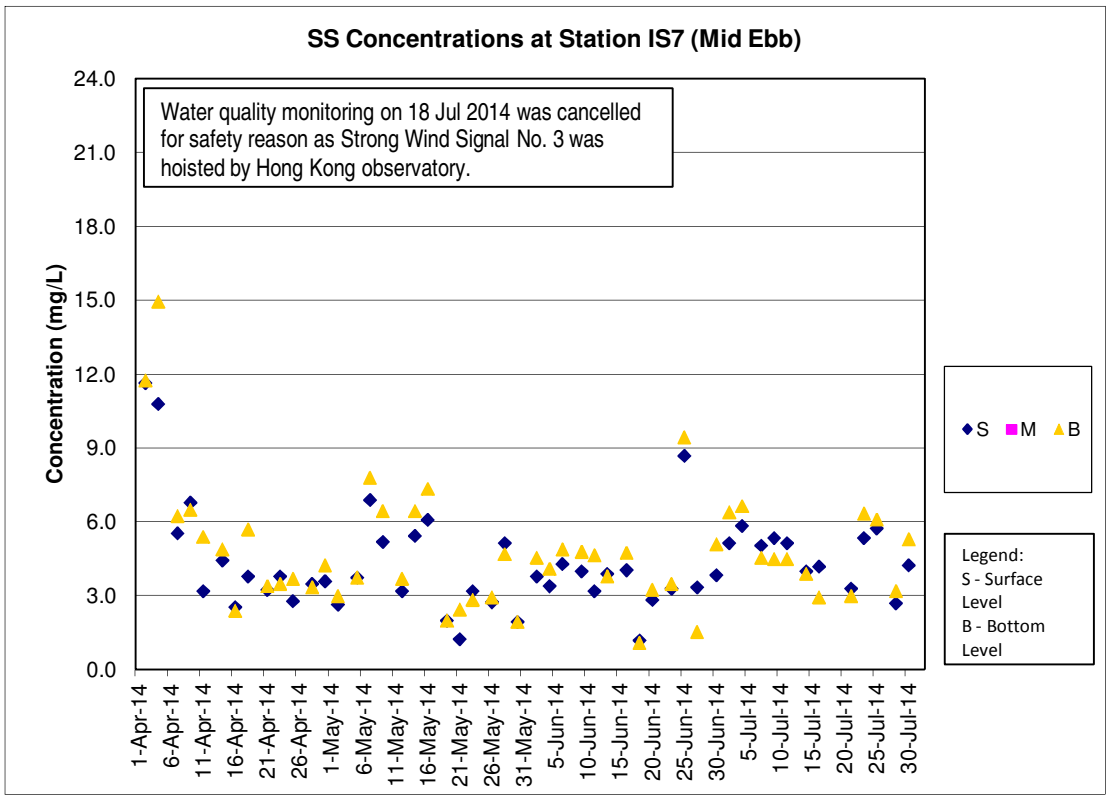

SS Concentrations at Station CS(Mf)5 (Mid Flood)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (mg/L)
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

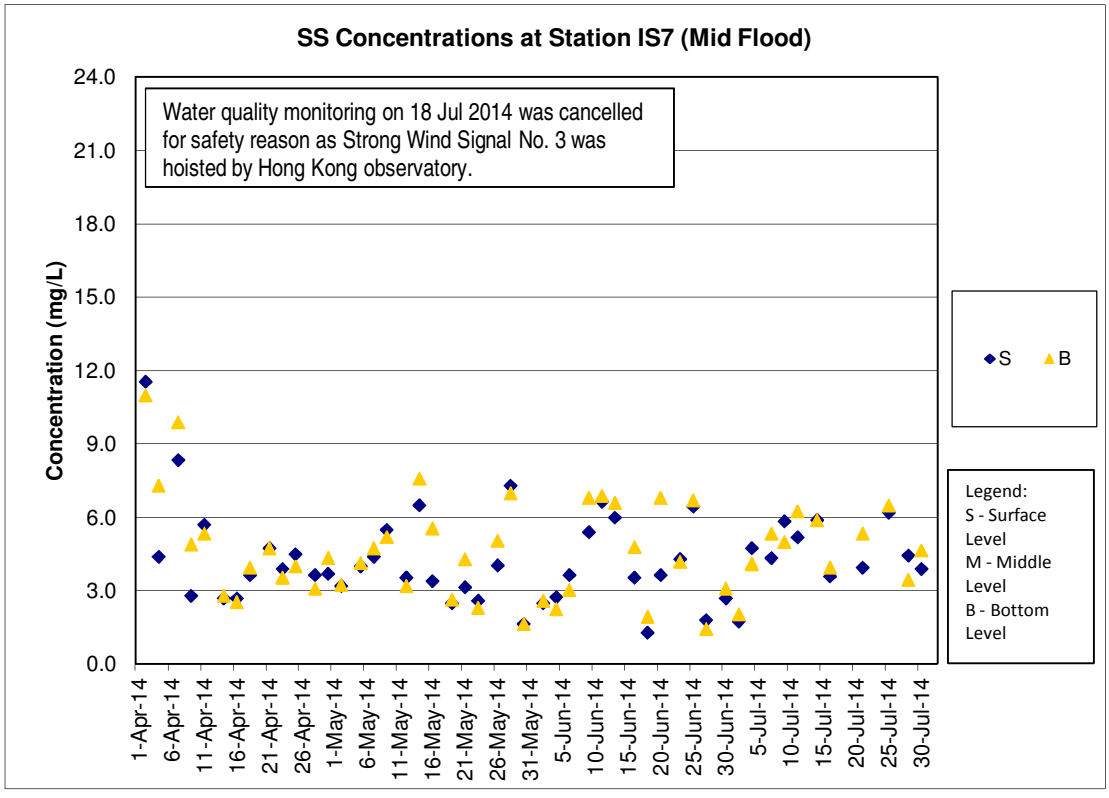

SS Concentrations at Station IS5 (Mid Ebb)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (mg/L)
39.0
36.0
33.0
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

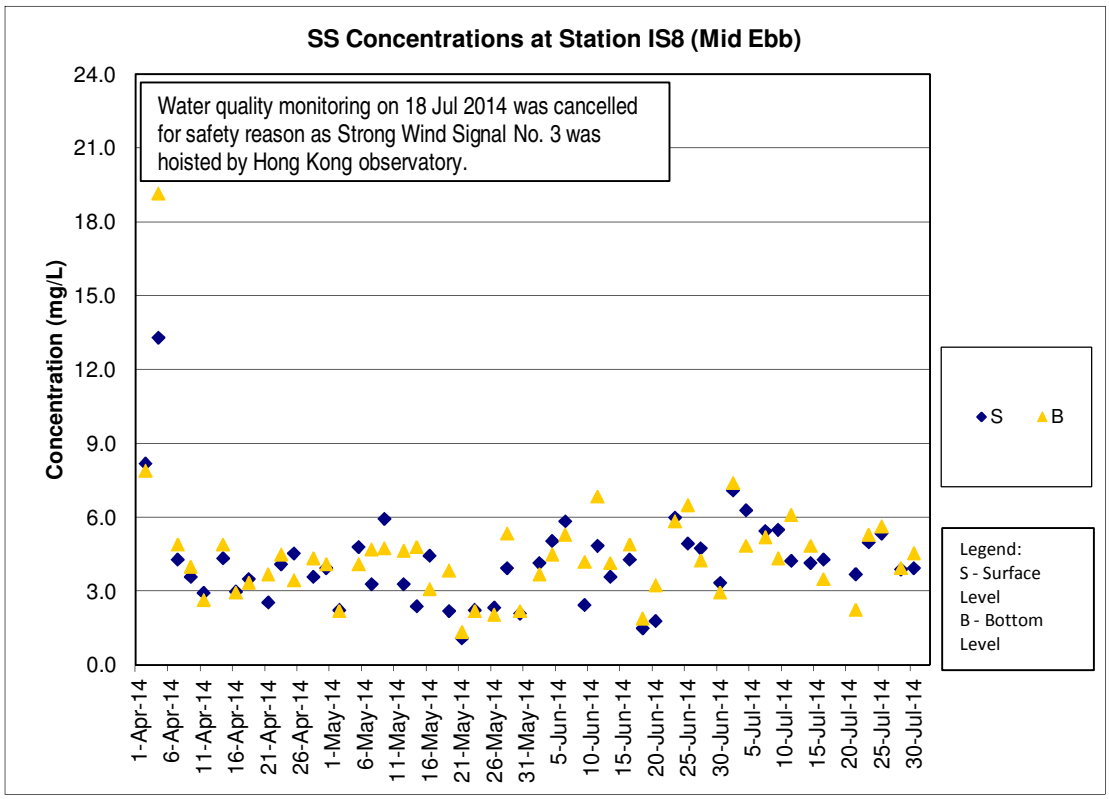

SS Concentrations at Station IS5 (Mid Flood)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (mg/L)
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

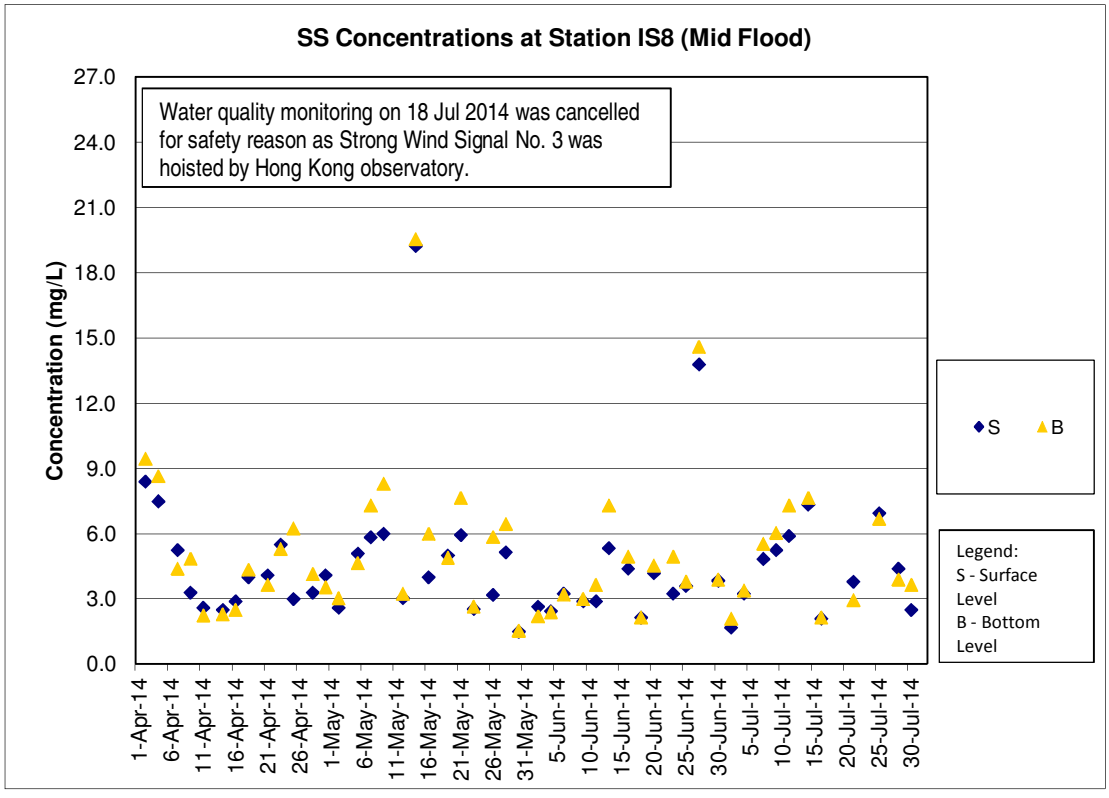

SS Concentrations at Station IS(Mf)6 (Mid Ebb)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (mg/L)
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

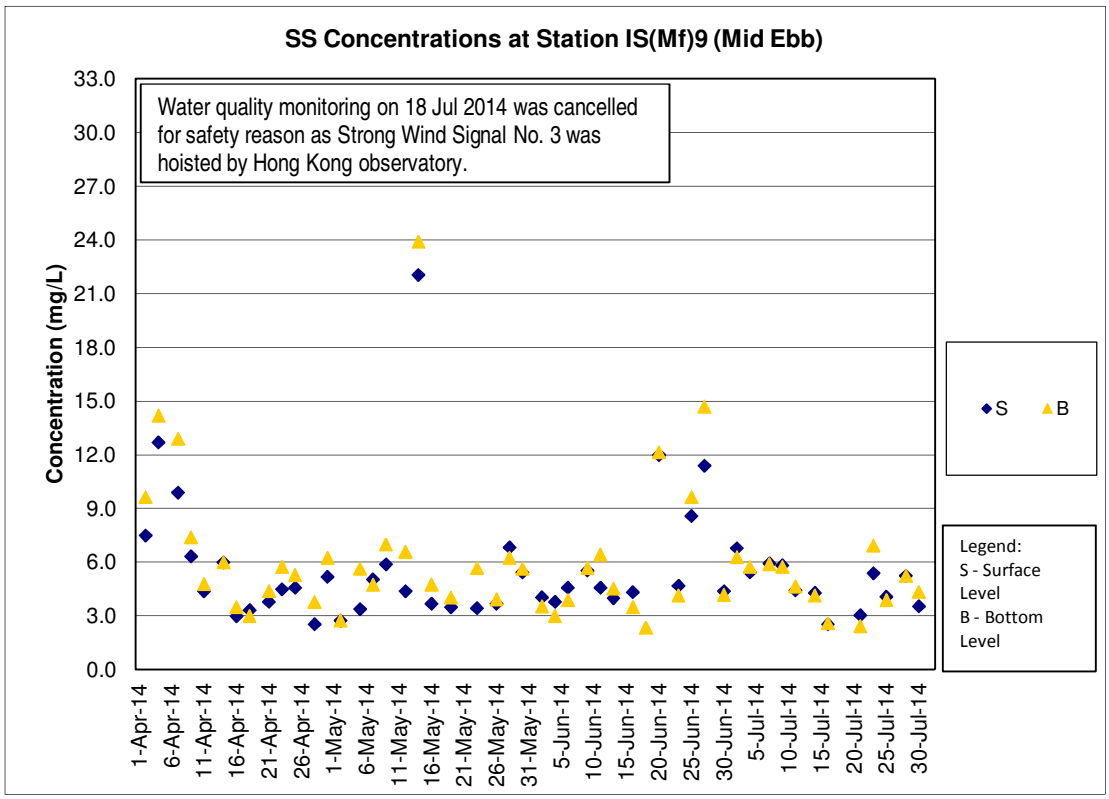

SS Concentrations at Station IS(Mf)6 (Mid Flood)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (mg/L)
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

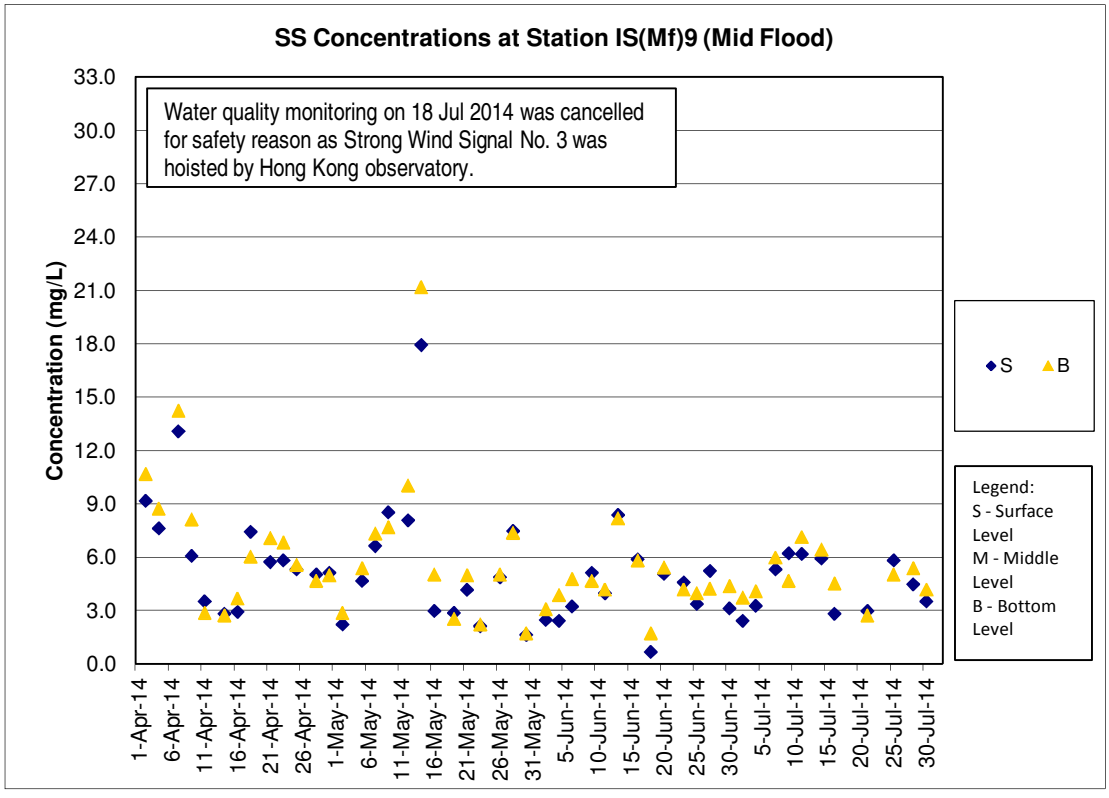

SS Concentrations at Station IS7 (Mid Ebb)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (mg/L)
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S
M
B
Legend:
S - Surface Level
B - Bottom Level

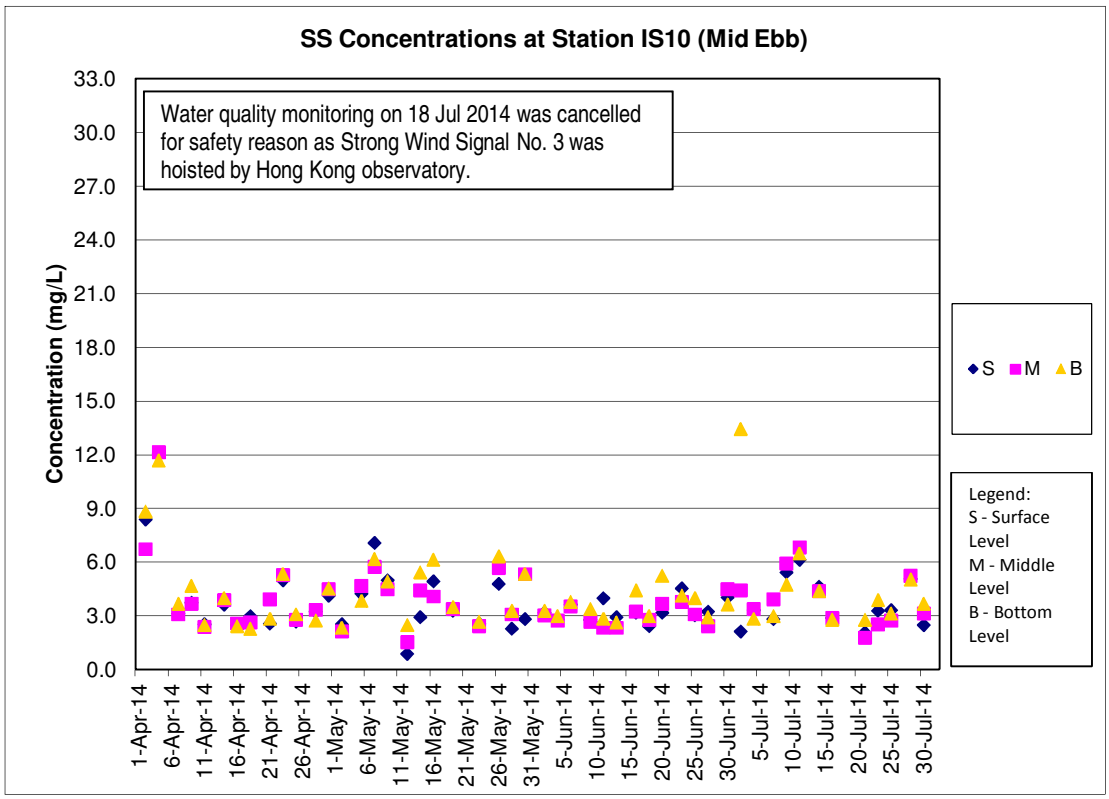

SS Concentrations at Station IS7 (Mid Flood)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (mg/L)
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

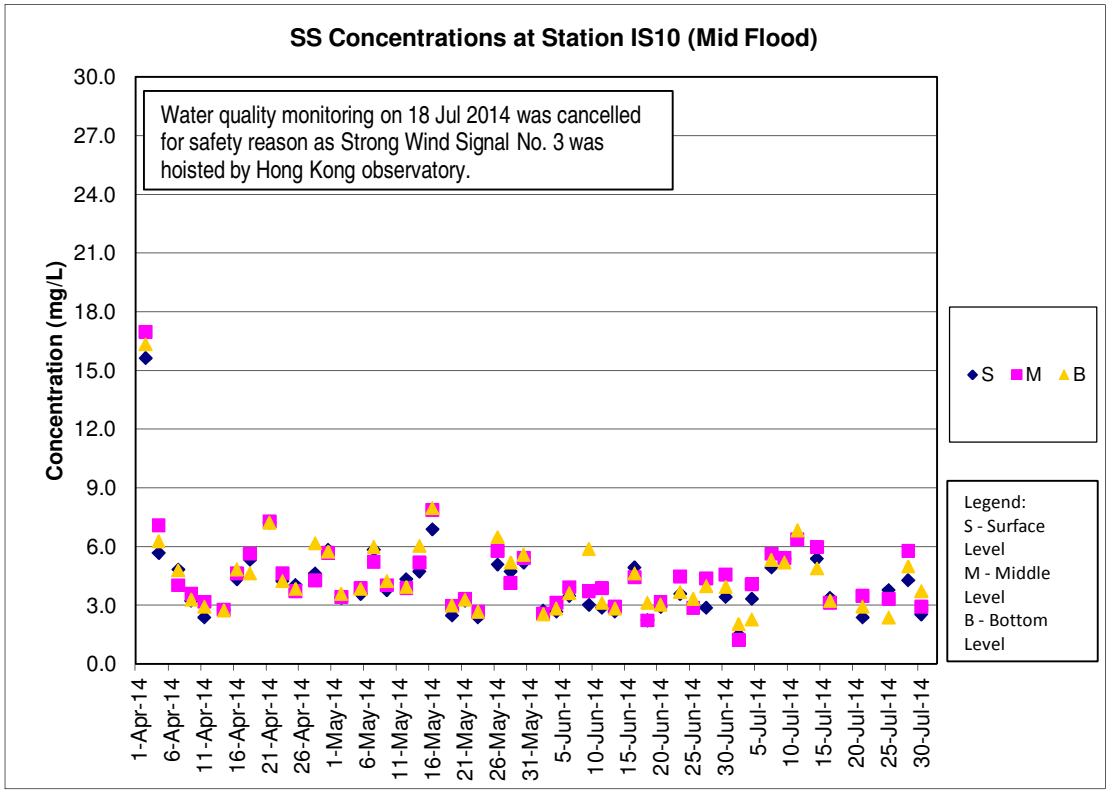

SS Concentrations at Station IS8 (Mid Ebb)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (mg/L)
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S
B
Legend:
S - Surface Level
B - Bottom Level

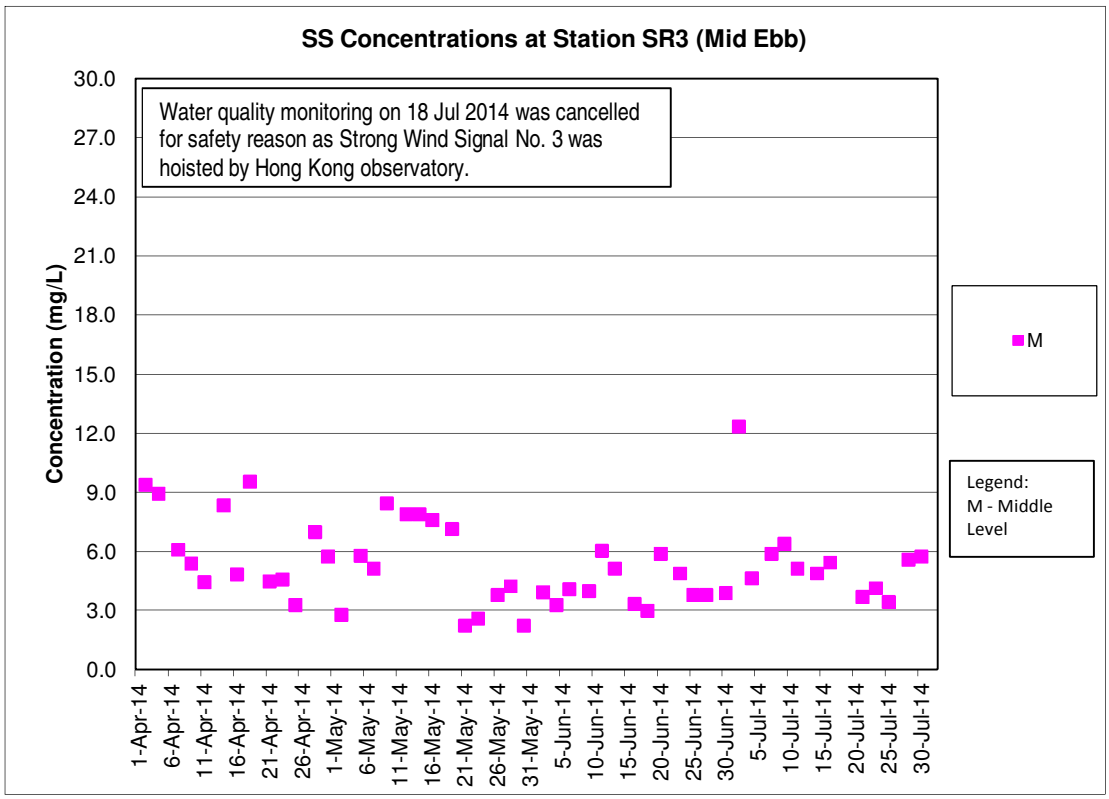

SS Concentrations at Station IS8 (Mid Flood)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (mg/L)
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S
B
Legend:
S - Surface Level
B - Bottom Level

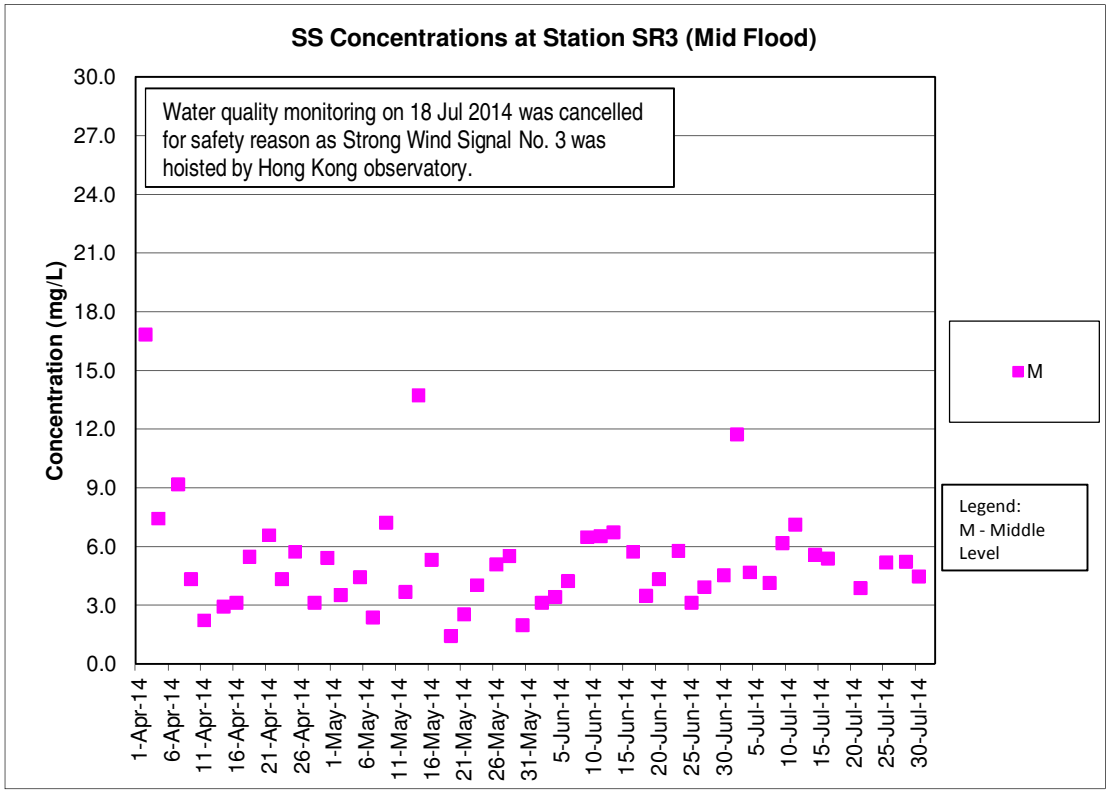

SS Concentrations at Station IS(Mf)9 (Mid Ebb)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (mg/L)
33.0
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S
B
Legend:
S - Surface Level
B - Bottom Level

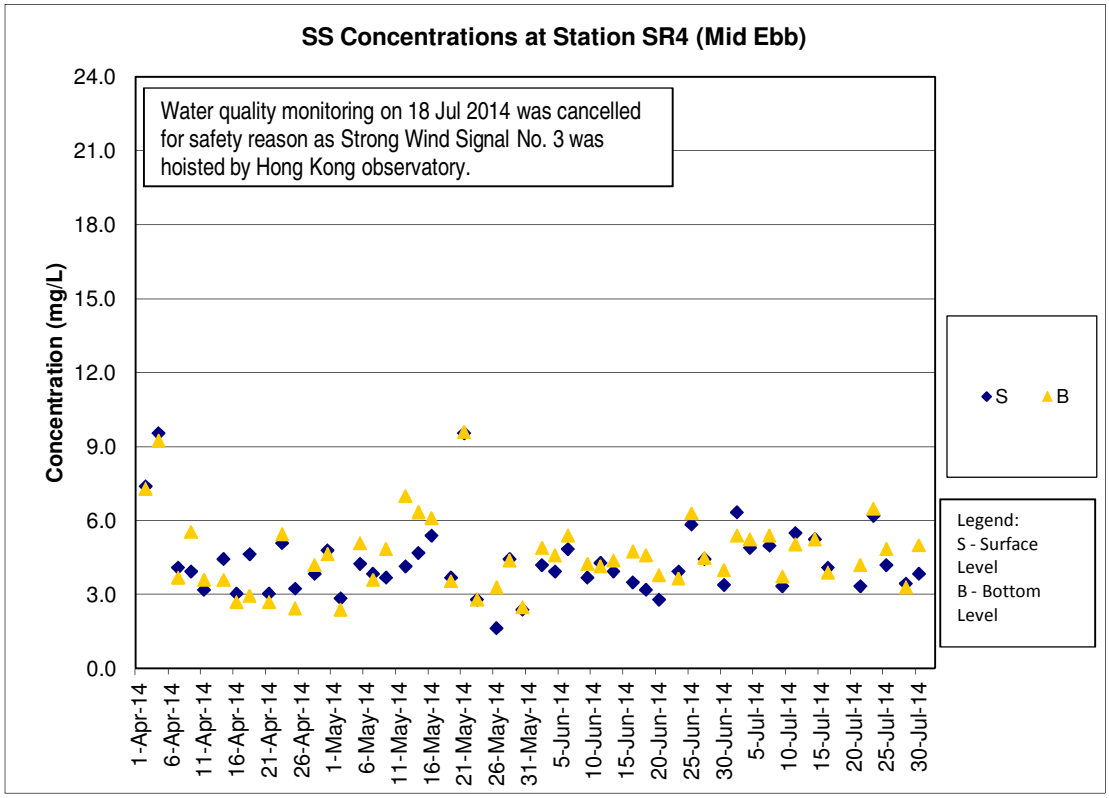

SS Concentrations at Station IS(Mf)9 (Mid Flood)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (mg/L)
33.0
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

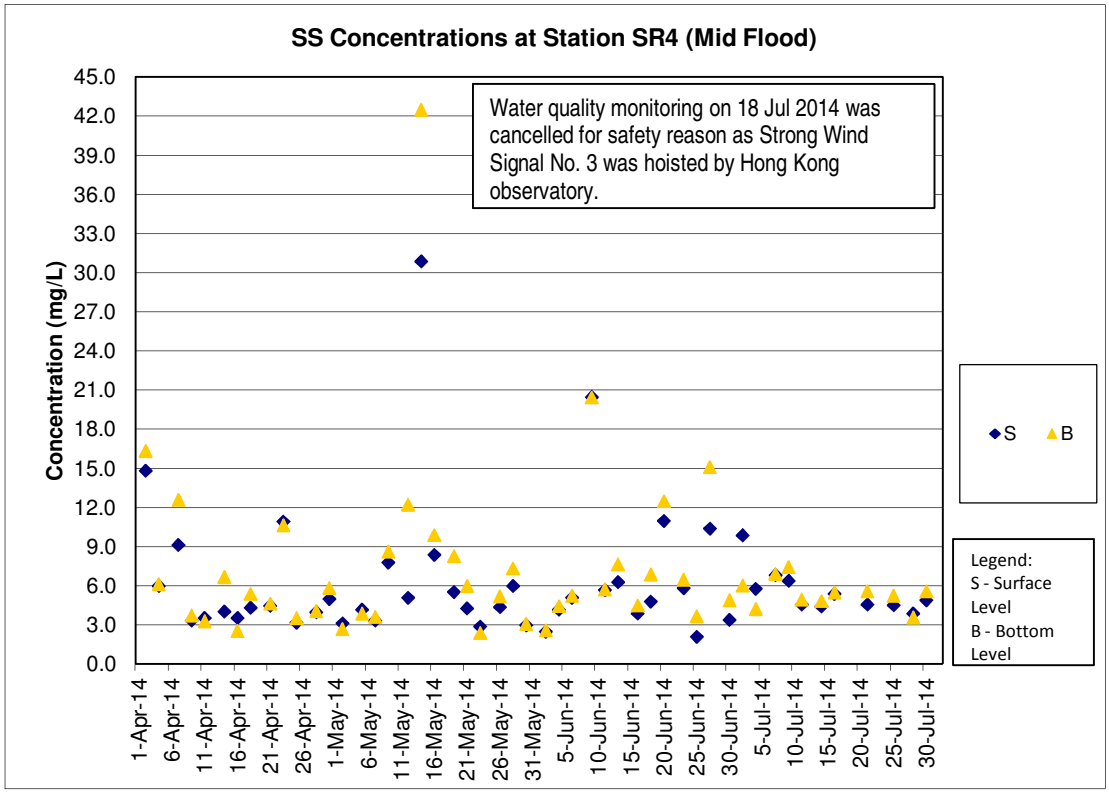

SS Concentrations at Station IS10 (Mid Ebb)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (mg/L)
33.0
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

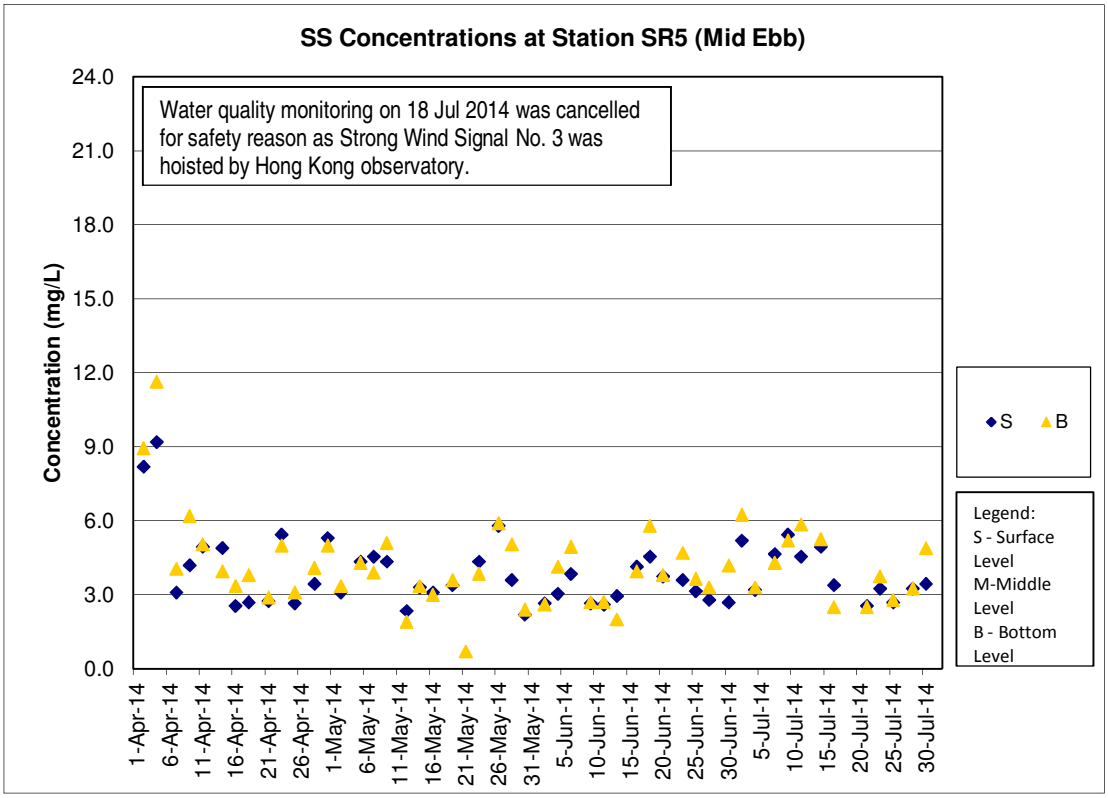

SS Concentrations at Station IS10 (Mid Flood)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (mg/L)
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

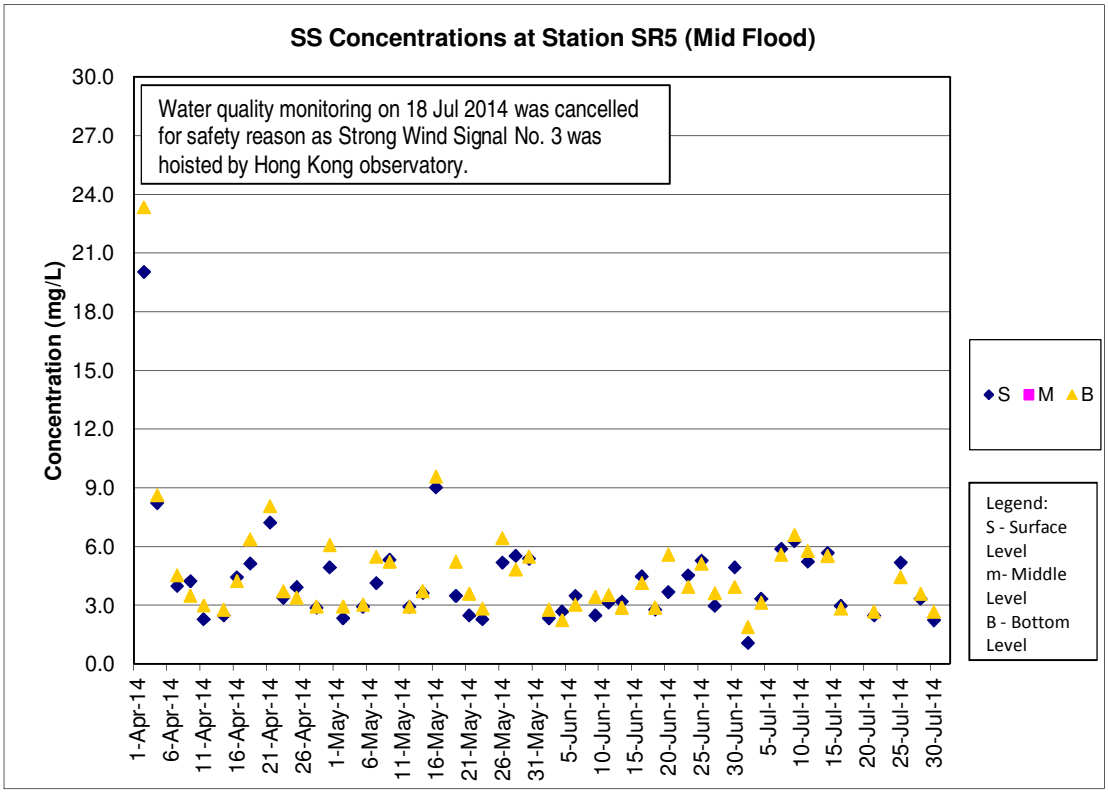

SS Concentrations at Station SR3 (Mid Ebb)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (mg/L)
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
M
Legend:
M - Middle Level

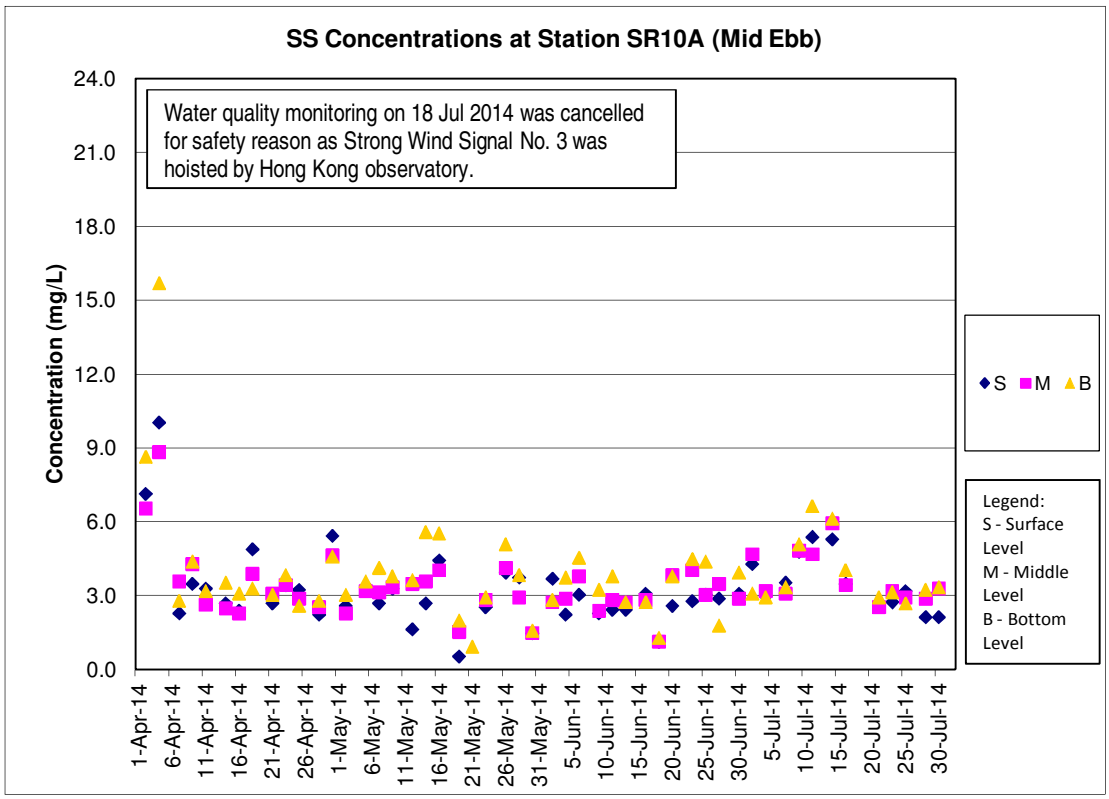

SS Concentrations at Station SR3 (Mid Flood)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (mg/L)
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
M
Legend:
M - Middle Level

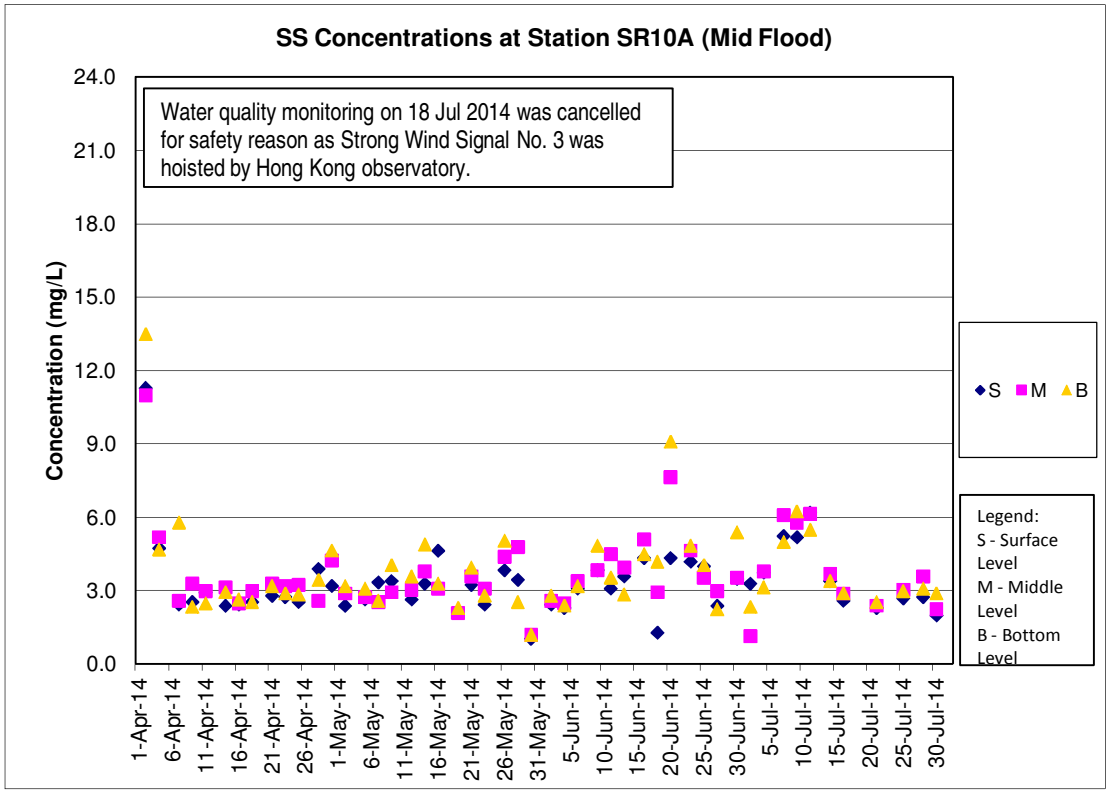

SS Concentrations at Station SR4 (Mid Ebb)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (mg/L)
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S
B
Legend:
S - Surface Level
B - Bottom Level

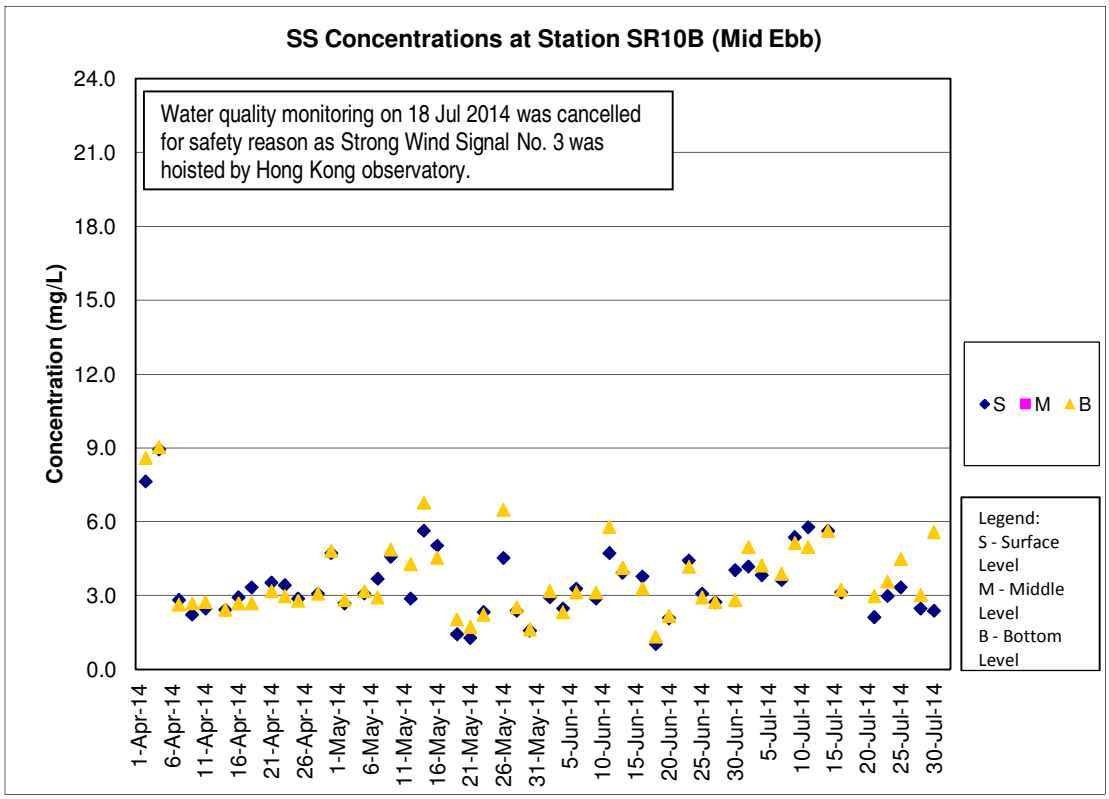

SS Concentrations at Station SR4 (Mid Flood)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (mg/L)
45.0
42.0
39.0
36.0
33.0
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S
B
Legend:
S - Surface Level
B - Bottom Level

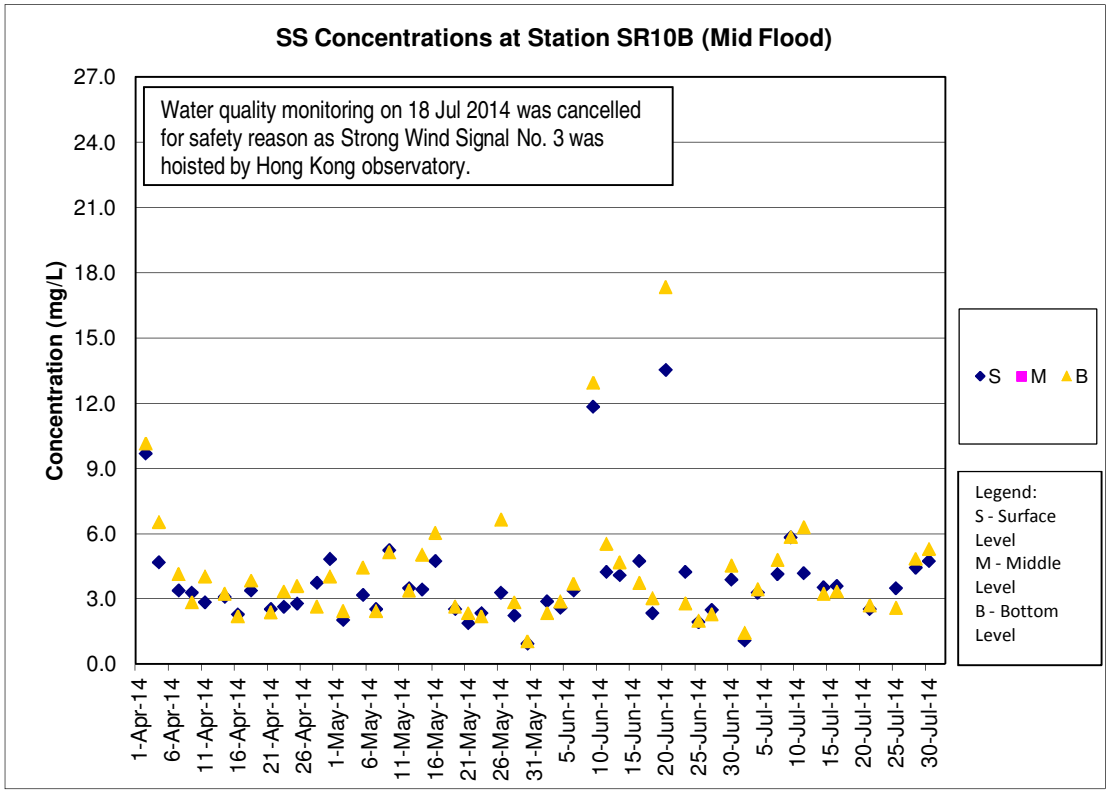

SS Concentrations at Station SR5 (Mid Ebb)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (mg/L)
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S
B
Legend:
S - Surface Level
M-Middle Level
B - Bottom Level


SS Concentrations at Station SR5 (Mid Flood)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (mg/L)
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S
M
B
Legend:
S - Surface Level
m- Middle Level
B - Bottom Level


SS Concentrations at Station SR10A (Mid Ebb)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (mg/L)
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


SS Concentrations at Station SR10A (Mid Flood)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (mg/L)
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


SS Concentrations at Station SR10B (Mid Ebb)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (mg/L)
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


SS Concentrations at Station SR10B (Mid Flood)
Water quality monitoring on 18 Jul 2014 was cancelled for safety reason as Strong Wind Signal No. 3 was hoisted by Hong Kong observatory.
Concentration (mg/L)
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Apr-14
6-Apr-14
11-Apr-14
16-Apr-14
21-Apr-14
26-Apr-14
1-May-14
6-May-14
11-May-14
16-May-14
21-May-14
26-May-14
31-May-14
5-Jun-14
10-Jun-14
15-Jun-14
20-Jun-14
25-Jun-14
30-Jun-14
5-Jul-14
10-Jul-14
15-Jul-14
20-Jul-14
25-Jul-14
30-Jul-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

APPENDIX F

Event and Action Plan

Event and Action Plan for Air Quality

Event	Action			
	ET	IEC	SO	Contractor
Exceedance of Action Level for one sample	1. Identify source, investigate the causes of exceedance and propose remedial measures; 2. Inform IEC and SO; 3. Repeat measurement to confirm finding; 4. Increase monitoring frequency to daily.	1. Check monitoring data submitted by ET; 2. Check Contractor's working method.	1. Notify Contractor.	1. Rectify any unacceptable practice; 2. Amend working methods if appropriate.
Exceedance of Action Level for two or more consecutive samples	1. Identify source; 2. Inform IEC and SO; 3. Advise the SO 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 SO; 8. If exceedance stops, cease additional monitoring.	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 ET on the effectiveness of the proposed remedial measures; 5. Supervise Implementation of remedial measures.	1. Confirm receipt of notification of failure in writing; 2. Notify Contractor;	1. Submit proposals for remedial to SO within 3 working days of notification; 2. Implement the agreed proposals; 3. Amend proposal if appropriate.

Event	Action			
	ET	**IEC**	**SO**	**Contractor**
Exceedance of Limit Level for one sample	1. Identify source, investigate the causes of exceedance and propose remedial measures; 2. Inform SO, Contractor and EPD; 3. Repeat measurement to confirm finding; 4. Increase monitoring frequency to daily; 5. Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and SO informed of the results.	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 SO on the effectiveness of the proposed remedial measures; 5. Supervise implementation of remedial measures.	1. Confirm receipt of notification of failure in writing; 2. Notify Contractor; 3. Ensure remedial measures properly implemented.	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.
Exceedance of Limit Level for two or more consecutive samples	1. Notify IEC, SO, 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 SO to discuss the remedial actions to be taken; 7. Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and SO informed of the results; 8. If exceedance stops, cease additional monitoring.	1. Discuss amongst SO, ET, and Contractor on the potential remedial actions; 2. Review Contractor's remedial actions whenever necessary to assure their effectiveness and advise the SO accordingly; 3. Supervise the implementation of remedial measures.	1. Confirm receipt of notification of failure in writing; 2. Notify Contractor; 3. In consultation 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.	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 SO until the exceedance is abated.

Event and Action Plan for Noise

Event	Action			
	ET	IEC	SO	Contractor
Exceedance of Action Level	1. Identify source, investigate the causes of exceedance and propose remedial measures; 2. Notify IEC and Contractor; 3. Report the results of investigation to the IEC, SO and Contractor; 4. Discuss with the Contractor and formulate remedial measures; 5. Increase monitoring frequency to check mitigation effectiveness.	1. Review the analysed results submitted by the ET; 2. Review the proposed remedial measures by the Contractor and advise the SO accordingly; 3. Supervise the implementation of remedial measures.	1. Confirm receipt of notification of failure in writing; 2. Notify Contractor; 3. Require Contractor to propose remedial measures for the analysed noise problem; 4. Ensure remedial measures are properly implemented	1. Submit noise mitigation proposals to IEC; 2. Implement noise mitigation proposals.
Exceedance of Limit Level	1. Identify source; 2. Inform IEC, SO, EPD and Contractor; 3. Repeat measurements to confirm findings; 4. Increase monitoring frequency; 5. Carry out analysis of Contractor's working procedures to determine possible mitigation to be implemented; 6. Inform IEC, SO and EPD the causes and actions taken for the exceedances; 7. Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and SO informed of the results; 8. If exceedance stops, cease additional monitoring.	1. Discuss amongst SO, ET, and Contractor on the potential remedial actions; 2. Review Contractors remedial actions whenever necessary to assure their effectiveness and advise the SO accordingly; 3. Supervise the implementation of remedial measures.	1. Confirm receipt of notification of failure in writing; 2. Notify Contractor; 3. Require Contractor to propose remedial measures for the analysed noise problem; 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.	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 SO until the exceedance is abated.

Event and Action Plan for Water Quality

Event	Action			
	ET Leader	IEC	SO	Contractor
Action level being exceeded by one sampling day	1. Repeat in situ measurement on next day of exceedance to confirm findings; 2. Identify source(s) of impact; 3. Inform IEC, contractor and SO; 4. Check monitoring data, all plant, equipment and Contractor's working methods.	1. Check monitoring data submitted by ET and Contractor's working methods.	1. Confirm receipt of notification of non-compliance in writing; 2. Notify Contractor.	1. Inform the SO and confirm notification of the non-compliance in writing; 2. Rectify unacceptable practice; 3. Amend working methods if appropriate.
Action level being exceeded by two or more consecutive sampling days	1. Repeat measurement on next day of exceedance to confirm findings; 2. Identify source(s) of impact; 3. Inform IEC, contractor, SO and EPD; 4. Check monitoring data, all plant, equipment and Contractor's working methods; 5; Ensure mitigation measures are implemented; 6. Increase the monitoring frequency to daily until no exceedance of Action level.	1. Check monitoring data submitted by ET and Contractor's working method; 2. Discuss with ET and Contractor on possible remedial actions; 3. Review the proposed mitigation measures submitted by Contractor and advise the SO accordingly; 4. Supervise the implementation of mitigation measures.	1. Discuss with IEC on the proposed mitigation measures; 2. Ensure mitigation measures are properly implemented; 3. Assess the effectiveness of the implemented mitigation measures.	1. Inform the Engineer and confirm notification of the non-compliance in writing; 2. Rectify unacceptable practice; 3. Check all plant and equipment and consider changes of working methods; 4. Submit proposal of additional mitigation measures to SO within 3 working days of notification and discuss with ET, IEC and SO; 5. Implement the agreed mitigation measures.
Limit level being exceeded by one sampling day	1. Repeat measurement on next day of exceedance to confirm findings; 2. Identify source(s) of impact; 3. Inform IEC, contractor, SO and EPD; 4. Check monitoring data, all plant, equipment and Contractor's working methods; 5. Discuss mitigation measures with IEC, SO and Contractor;	1. Check monitoring data submitted by ET and Contractor's working method; 2. Discuss with ET and Contractor on possible remedial actions; 3. Review the proposed mitigation measures submitted by Contractor and advise the SO accordingly.	1. Confirm receipt of notification of failure in writing; 2. Discuss with IEC, ET and Contractor on the proposed mitigation measures; 3. Request Contractor to review the working methods.	1. Inform the SO and confirm notification of the non-compliance in writing; 2. Rectify unacceptable practice; 3. Check all plant and equipment and consider changes of working methods; 4. Submit proposal of mitigation measures to SO within 3 working days of notification and discuss with ET, IEC and SO.

Event	Action			
	ET Leader	IEC	SO	Contractor
Limit level being exceeded by two or more consecutive sampling days	1. Repeat measurement on next day of exceedance to confirm findings; 2. Identify source(s) of impact; 3. Inform IEC, contractor, SO and EPD; 4. Check monitoring data, all plant, equipment and Contractor's working methods; 5. Discuss mitigation measures with IEC, SO and Contractor; 6. Ensure mitigation measures are implemented;	1. Check monitoring data submitted by ET and Contractor's working method; 2. Discuss with ET and Contractor on possible remedial actions; 3. Review the Contractor's mitigation measures whenever necessary to assure their effectiveness and advise the SO accordingly; 4. Supervise the implementation of mitigation measures.	1. Discuss with IEC, ET and Contractor on the proposed mitigation measures; 2. Request Contractor to critically review the working methods; 3. Make agreement on the mitigation measures to be implemented; 4. Ensure mitigation measures are properly implemented; 5. Consider and instruct, if necessary, the Contractor to slow down or to stop all or part of the construction activities until no exceedance of Limit level.	1. Take immediate action to avoid further exceedance; 2. Submit proposal of mitigation measures to SO within 3 working days of notification and discuss with ET, IEC and SO; 3. Implement the agreed mitigation measures; 4. Resubmit proposals of mitigation measures if problem still not under control; 5. As directed by the Engineer, to slow down or to stop all or part of the construction activities until no exceedance of Limit level.

Event and Action Plan for Dolphin Monitoring

Event	ET Leader	IEC	ER / SOR	Contractor
Action Level	1. Repeat statistical data analysis to confirm findings; 2. Review all available and relevant data, including raw data and statistical analysis results of other parameters covered in the EM&A, to ascertain if differences are as a result of natural variation or previously observed seasonal differences; 3. Identify source(s) of impact; 4. Inform the IEC, ER/SOR and Contractor; 5. Check monitoring data. 6. Review to ensure all the dolphin protective measures are fully and properly implemented and advise on additional measures if necessary.	1. Check monitoring data submitted by ET and Contractor; 2. Discuss monitoring results and findings with the ET and the Contractor.	1. Discuss monitoring with the IEC and any other measures proposed by the ET; 2. If ER/SOR is satisfied with the proposal of any other measures, ER/SOR to signify the agreement in writing on the measures to be implemented.	1. Inform the ER/SOR and confirm notification of the non-compliance in writing; 2. Discuss with the ET and the IEC and propose measures to the IEC and the ER/SOR; 3. Implement the agreed measures.
Limit Level	1. Repeat statistical data analysis to confirm findings; 2. Review all available and relevant data, including raw data and statistical analysis results of other parameters covered in the EM&A, to ascertain if differences are as a result of natural variation or previously observed seasonal differences; 3. Identify source(s) of impact; 4. Inform the IEC, ER/SOR and Contractor of findings; 5. Check monitoring data; 6. Repeat review to ensure all the dolphin protective measures are fully and properly implemented and advise on additional measures if necessary;	1. Check monitoring data submitted by ET and Contractor; 2. Discuss monitoring results and findings with the ET and the Contractor; 3. Attend the meeting to discuss with ET, ER/SOR and Contractor the necessity of additional dolphin monitoring and any other potential mitigation measures; 4. Review proposals for additional monitoring and any other mitigation measures submitted by ET and Contractor and advise ER/SOR of the results and findings accordingly; 5. Supervise / Audit the	1. Attend the meeting to discuss with ET, IEC and Contractor the necessity of additional dolphin monitoring and any other potential mitigation measures; 2. If ER/SOR is satisfied with the proposals for additional dolphin monitoring and/or any other mitigation measures submitted by ET and Contractor and verified by IEC, ER/SOR to signify the agreement in writing on such proposals and any other mitigation measures; 3. Supervise the implementation of additional monitoring	1. Inform the ER/SOR and confirm notification of the non-compliance in writing; 2. Attend the meeting to discuss with ET, IEC and ER/SOR the necessity of additional dolphin monitoring and any other potential mitigation measures; 3. Jointly submit with ET to IEC a proposal of additional dolphin monitoring and/or any other mitigation measures when necessary; 4. Implement the agreed additional dolphin monitoring and/or any other mitigation measures.

Event	ET Leader	IEC	ER / SOR	Contractor
	7. If ET proves that the source of impact is caused by any of the construction activity by the works contract, ET to arrange a meeting to discuss with IEC, ER/SOR and Contractor the necessity of additional dolphin monitoring and/or any other potential mitigation measures (e.g., consider to modify the perimeter silt curtain or consider to control/temporarily stop relevant construction activity etc.) and submit to IEC a proposal of additional dolphin monitoring and/or mitigation measures where necessary.	implementation of additional monitoring and/or any other mitigation measures and advise ER/SOR the results and findings accordingly.	and/or any other mitigation measures.	

Event and Action Plan for Mudflat Monitoring

Event	ET Leader	IEC	SO	Contractor
Density or the distribution pattern of horseshoe crab, seagrass or intertidal soft shore communities recorded in the impact or post-construction monitoring are significantly lower than or different from those recorded in the baseline monitoring.	Review historical data to ensure differences are as a result of natural variation or previously observed seasonal differences; Identify source(s) of impact; Inform the IEC, SO and Contractor; Check monitoring data; Discuss additional monitoring and any other measures, with the IEC and Contractor.	Discuss monitoring with the ET and the Contractor; Review proposals for additional monitoring and any other measures submitted by the Contractor and advise the SO accordingly.	Discuss with the IEC additional monitoring requirements and any other measures proposed by the ET; Make agreement on the measures to be implemented.	Inform the SO and in writing; Discuss with the ET and the IEC and propose measures to the IEC and the ER; Implement the agreed measures.

APPENDIX G

Wind Data

Extracted from the weather station at Tung Chung China State Site Office Rooftop

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
01/07/2014	00:05	2	E	01/07/2014	04:45	5	SE
01/07/2014	00:10	0	WNW	01/07/2014	04:50	0	---
01/07/2014	00:15	3	NNW	01/07/2014	04:55	2	SSE
01/07/2014	00:20	0	WNW	01/07/2014	05:00	1	S
01/07/2014	00:25	1	WNW	01/07/2014	05:05	0	---
01/07/2014	00:30	0	---	01/07/2014	05:10	1	W
01/07/2014	00:35	0	---	01/07/2014	05:15	0	W
01/07/2014	00:40	0	SSE	01/07/2014	05:20	2	NW
01/07/2014	00:45	1	SSE	01/07/2014	05:25	1	NNE
01/07/2014	00:50	0	---	01/07/2014	05:30	0	SW
01/07/2014	00:55	1	SW	01/07/2014	05:35	2	N
01/07/2014	01:00	0	W	01/07/2014	05:40	2	E
01/07/2014	01:05	1	S	01/07/2014	05:45	6	SSE
01/07/2014	01:10	2	SSW	01/07/2014	05:50	5	SSE
01/07/2014	01:15	3	SE	01/07/2014	05:55	6	SSE
01/07/2014	01:20	5	SSE	01/07/2014	06:00	5	SE
01/07/2014	01:25	2	SSE	01/07/2014	06:05	4	SE
01/07/2014	01:30	2	SSE	01/07/2014	06:10	4	SSE
01/07/2014	01:35	1	SE	01/07/2014	06:15	3	SE
01/07/2014	01:40	1	S	01/07/2014	06:20	1	NE
01/07/2014	01:45	2	S	01/07/2014	06:25	3	NNW
01/07/2014	01:50	3	SSE	01/07/2014	06:30	4	NNE
01/07/2014	01:55	1	SSE	01/07/2014	06:35	3	ESE
01/07/2014	02:00	0	---	01/07/2014	06:40	3	SSE
01/07/2014	02:05	0	E	01/07/2014	06:45	3	E
01/07/2014	02:10	3	E	01/07/2014	06:50	5	ESE
01/07/2014	02:15	1	WNW	01/07/2014	06:55	6	S
01/07/2014	02:20	0	---	01/07/2014	07:00	6	SSE
01/07/2014	02:25	2	WNW	01/07/2014	07:05	4	ESE
01/07/2014	02:30	2	WNW	01/07/2014	07:10	3	E
01/07/2014	02:35	1	SSE	01/07/2014	07:15	3	ESE
01/07/2014	02:40	0	---	01/07/2014	07:20	3	ESE
01/07/2014	02:45	1	NE	01/07/2014	07:25	6	SSE
01/07/2014	02:50	3	NNW	01/07/2014	07:30	6	SSE
01/07/2014	02:55	1	NNW	01/07/2014	07:35	5	SSE
01/07/2014	03:00	4	W	01/07/2014	07:40	4	SSE
01/07/2014	03:05	4	S	01/07/2014	07:45	4	S
01/07/2014	03:10	5	SSE	01/07/2014	07:50	5	S
01/07/2014	03:15	3	S	01/07/2014	07:55	5	SSE
01/07/2014	03:20	2	SW	01/07/2014	08:00	4	SSE
01/07/2014	03:25	3	SSE	01/07/2014	08:05	3	NNW
01/07/2014	03:30	1	ESE	01/07/2014	08:10	5	S
01/07/2014	03:35	2	WNW	01/07/2014	08:15	6	SE
01/07/2014	03:40	3	SSE	01/07/2014	08:20	5	SE
01/07/2014	03:45	2	SW	01/07/2014	08:25	5	SSE
01/07/2014	03:50	6	NNW	01/07/2014	08:30	5	SSE
01/07/2014	03:55	2	ESE	01/07/2014	08:35	5	SSE
01/07/2014	04:00	1	WSW	01/07/2014	08:40	6	SE
01/07/2014	04:05	2	SSE	01/07/2014	08:45	4	SE
01/07/2014	04:10	2	SSE	01/07/2014	08:50	4	S
01/07/2014	04:15	7	SE	01/07/2014	08:55	3	ENE
01/07/2014	04:20	8	ENE	01/07/2014	09:00	2	ENE
01/07/2014	04:25	6	ESE	01/07/2014	09:05	4	ESE
01/07/2014	04:30	4	ESE	01/07/2014	09:10	3	ESE
01/07/2014	04:35	1	E	01/07/2014	09:15	3	SE
01/07/2014	04:40	2	WNW	01/07/2014	09:20	2	ESE

Extracted from the weather station at Tung Chung China State Site Office Rooftop

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
01/07/2014	09:25	8	SE	01/07/2014	14:05	3	SE
01/07/2014	09:30	10	SSE	01/07/2014	14:10	2	SSE
01/07/2014	09:35	2	SSW	01/07/2014	14:15	1	SE
01/07/2014	09:40	5	ENE	01/07/2014	14:20	2	NNW
01/07/2014	09:45	5	ENE	01/07/2014	14:25	5	NNW
01/07/2014	09:50	4	W	01/07/2014	14:30	2	NNW
01/07/2014	09:55	6	E	01/07/2014	14:35	4	NW
01/07/2014	10:00	4	SSE	01/07/2014	14:40	3	N
01/07/2014	10:05	3	ESE	01/07/2014	14:45	4	NNW
01/07/2014	10:10	7	NNE	01/07/2014	14:50	4	N
01/07/2014	10:15	4	NNW	01/07/2014	14:55	3	NNE
01/07/2014	10:20	2	SE	01/07/2014	15:00	3	N
01/07/2014	10:25	2	SE	01/07/2014	15:05	2	NW
01/07/2014	10:30	3	NE	01/07/2014	15:10	2	N
01/07/2014	10:35	2	NE	01/07/2014	15:15	2	N
01/07/2014	10:40	2	NNE	01/07/2014	15:20	0	N
01/07/2014	10:45	3	NE	01/07/2014	15:25	0	---
01/07/2014	10:50	2	NNE	01/07/2014	15:30	0	---
01/07/2014	10:55	3	ENE	01/07/2014	15:35	0	---
01/07/2014	11:00	3	NNE	01/07/2014	15:40	0	---
01/07/2014	11:05	3	NNE	01/07/2014	15:45	0	---
01/07/2014	11:10	4	NNE	01/07/2014	15:50	0	---
01/07/2014	11:15	2	NNE	01/07/2014	15:55	1	ENE
01/07/2014	11:20	2	WNW	01/07/2014	16:00	1	NNE
01/07/2014	11:25	2	ESE	01/07/2014	16:05	4	NW
01/07/2014	11:30	3	ENE	01/07/2014	16:10	3	NW
01/07/2014	11:35	4	SSE	01/07/2014	16:15	6	NNW
01/07/2014	11:40	2	N	01/07/2014	16:20	5	NNW
01/07/2014	11:45	4	ENE	01/07/2014	16:25	5	NNW
01/07/2014	11:50	5	SE	01/07/2014	16:30	6	N
01/07/2014	11:55	4	NNW	01/07/2014	16:35	3	NE
01/07/2014	12:00	3	N	01/07/2014	16:40	2	S
01/07/2014	12:05	3	ESE	01/07/2014	16:45	2	E
01/07/2014	12:10	3	E	01/07/2014	16:50	5	NNW
01/07/2014	12:15	4	NW	01/07/2014	16:55	4	NNW
01/07/2014	12:20	4	NNW	01/07/2014	17:00	4	N
01/07/2014	12:25	6	NNW	01/07/2014	17:05	3	NNW
01/07/2014	12:30	8	N	01/07/2014	17:10	3	S
01/07/2014	12:35	6	N	01/07/2014	17:15	2	SSE
01/07/2014	12:40	5	N	01/07/2014	17:20	2	NNW
01/07/2014	12:45	3	N	01/07/2014	17:25	1	SE
01/07/2014	12:50	2	SE	01/07/2014	17:30	2	S
01/07/2014	12:55	5	NNE	01/07/2014	17:35	0	S
01/07/2014	13:00	3	NW	01/07/2014	17:40	0	---
01/07/2014	13:05	4	NW	01/07/2014	17:45	0	---
01/07/2014	13:10	2	S	01/07/2014	17:50	0	---
01/07/2014	13:15	2	ESE	01/07/2014	17:55	1	NNW
01/07/2014	13:20	4	SE	01/07/2014	18:00	2	N
01/07/2014	13:25	3	SE	01/07/2014	18:05	2	NW
01/07/2014	13:30	4	SSE	01/07/2014	18:10	2	S
01/07/2014	13:35	2	S	01/07/2014	18:15	1	E
01/07/2014	13:40	0	---	01/07/2014	18:20	0	WNW
01/07/2014	13:45	0	---	01/07/2014	18:25	2	N
01/07/2014	13:50	2	ENE	01/07/2014	18:30	2	SE
01/07/2014	13:55	0	ENE	01/07/2014	18:35	3	S
01/07/2014	14:00	2	ENE	01/07/2014	18:40	4	SSE

Extracted from the weather station at Tung Chung China State Site Office Rooftop

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
01/07/2014	18:45	1	S
01/07/2014	18:50	2	S
01/07/2014	18:55	3	SSE
01/07/2014	19:00	1	S
01/07/2014	19:05	0	---
01/07/2014	19:10	0	---
01/07/2014	19:15	2	ESE
01/07/2014	19:20	1	SE
01/07/2014	19:25	5	SSW
01/07/2014	19:30	3	SSE
01/07/2014	19:35	3	SE
01/07/2014	19:40	1	SSW
01/07/2014	19:45	0	SSW
01/07/2014	19:50	0	SSW
01/07/2014	19:55	1	SSE
01/07/2014	20:00	0	---
01/07/2014	20:05	2	W
01/07/2014	20:10	2	SSE
01/07/2014	20:15	1	S
01/07/2014	20:20	1	SE
01/07/2014	20:25	2	S
01/07/2014	20:30	1	NNE
01/07/2014	20:35	0	---
01/07/2014	20:40	0	---
01/07/2014	20:45	0	---
01/07/2014	20:50	0	---
01/07/2014	20:55	0	---
01/07/2014	21:00	0	---
01/07/2014	21:05	0	---
01/07/2014	21:10	2	E
01/07/2014	21:15	0	SE
01/07/2014	21:20	1	S
01/07/2014	21:25	1	E
01/07/2014	21:30	1	WNW
01/07/2014	21:35	0	WNW
01/07/2014	21:40	1	NW
01/07/2014	21:45	2	SSE
01/07/2014	21:50	2	SE
01/07/2014	21:55	1	SE
01/07/2014	22:00	0	SSE
01/07/2014	22:05	0	---
01/07/2014	22:10	1	SE
01/07/2014	22:15	0	---
01/07/2014	22:20	0	---
01/07/2014	22:25	1	S
01/07/2014	22:30	2	S
01/07/2014	22:35	1	SW
01/07/2014	22:40	0	SW
01/07/2014	22:45	0	---
01/07/2014	22:50	0	---
01/07/2014	22:55	2	SE
01/07/2014	23:00	1	ESE
01/07/2014	23:05	1	NE
01/07/2014	23:10	0	ESE
01/07/2014	23:15	1	S
01/07/2014	23:20	2	SSE
01/07/2014	23:25	2	SSE
01/07/2014	23:30	3	SSE
01/07/2014	23:35	1	S
01/07/2014	23:40	2	SSE
01/07/2014	23:45	3	N
01/07/2014	23:50	3	NNW
01/07/2014	23:55	2	S
02/07/2014	00:00	1	SE
02/07/2014	00:05	1	NNW
02/07/2014	00:10	0	NNW
02/07/2014	00:15	1	NNW
02/07/2014	00:20	0	SSW
02/07/2014	00:25	0	SSW
02/07/2014	00:30	1	NNE
02/07/2014	00:35	2	S
02/07/2014	00:40	2	E
02/07/2014	00:45	1	NNW
02/07/2014	00:50	3	N
02/07/2014	00:55	3	N
02/07/2014	01:00	3	NNW
02/07/2014	01:05	0	N
02/07/2014	01:10	0	N
02/07/2014	01:15	2	S
02/07/2014	01:20	1	S
02/07/2014	01:25	1	S
02/07/2014	01:30	0	---
02/07/2014	01:35	0	NW
02/07/2014	01:40	0	NW
02/07/2014	01:45	0	NW
02/07/2014	01:50	0	---
02/07/2014	01:55	0	---
02/07/2014	02:00	0	---
02/07/2014	02:05	0	---
02/07/2014	02:10	0	NW
02/07/2014	02:15	2	SE
02/07/2014	02:20	1	SE
02/07/2014	02:25	2	N
02/07/2014	02:30	0	---
02/07/2014	02:35	0	ENE
02/07/2014	02:40	0	NE
02/07/2014	02:45	1	NW
02/07/2014	02:50	0	NNW
02/07/2014	02:55	0	NNW
02/07/2014	03:00	0	---
02/07/2014	03:05	0	NNW
02/07/2014	03:10	0	SE
02/07/2014	03:15	0	---
02/07/2014	03:20	0	---
02/07/2014	03:25	0	E
02/07/2014	03:30	1	E
02/07/2014	03:35	1	E
02/07/2014	03:40	1	E
02/07/2014	03:45	0	E
02/07/2014	03:50	0	E
02/07/2014	03:55	2	E
02/07/2014	04:00	3	E

Extracted from the weather station at Tung Chung China State Site Office Rooftop

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
02/07/2014	04:05	3	SE
02/07/2014	04:10	3	SE
02/07/2014	04:15	3	SE
02/07/2014	04:20	2	SSE
02/07/2014	04:25	3	SE
02/07/2014	04:30	4	E
02/07/2014	04:35	4	SSW
02/07/2014	04:40	4	ESE
02/07/2014	04:45	2	ENE
02/07/2014	04:50	3	SSE
02/07/2014	04:55	3	SSE
02/07/2014	05:00	5	SSE
02/07/2014	05:05	4	SSE
02/07/2014	05:10	4	SSE
02/07/2014	05:15	4	SSE
02/07/2014	05:20	5	ESE
02/07/2014	05:25	3	SE
02/07/2014	05:30	2	ESE
02/07/2014	05:35	4	ENE
02/07/2014	05:40	3	SSE
02/07/2014	05:45	2	ESE
02/07/2014	05:50	3	NE
02/07/2014	05:55	4	SE
02/07/2014	06:00	5	SE
02/07/2014	06:05	4	ESE
02/07/2014	06:10	4	SE
02/07/2014	06:15	4	E
02/07/2014	06:20	4	ESE
02/07/2014	06:25	5	SE
02/07/2014	06:30	4	NE
02/07/2014	06:35	3	ESE
02/07/2014	06:40	4	ESE
02/07/2014	06:45	5	SE
02/07/2014	06:50	4	SE
02/07/2014	06:55	4	S
02/07/2014	07:00	2	ENE
02/07/2014	07:05	3	SSE
02/07/2014	07:10	4	SE
02/07/2014	07:15	3	SE
02/07/2014	07:20	6	SE
02/07/2014	07:25	4	ENE
02/07/2014	07:30	3	E
02/07/2014	07:35	5	SE
02/07/2014	07:40	6	E
02/07/2014	07:45	4	ESE
02/07/2014	07:50	4	SSE
02/07/2014	07:55	5	SE
02/07/2014	08:00	3	E
02/07/2014	08:05	2	NNE
02/07/2014	08:10	4	ESE
02/07/2014	08:15	5	SE
02/07/2014	08:20	6	SE
02/07/2014	08:25	6	ESE
02/07/2014	08:30	7	SE
02/07/2014	08:35	4	SSE
02/07/2014	08:40	5	SE
02/07/2014	08:45	5	S
02/07/2014	08:50	5	SSE
02/07/2014	08:55	5	SE
02/07/2014	09:00	5	ENE
02/07/2014	09:05	5	E
02/07/2014	09:10	4	NE
02/07/2014	09:15	4	NNE
02/07/2014	09:20	5	NE
02/07/2014	09:25	8	N
02/07/2014	09:30	6	NNW
02/07/2014	09:35	4	NE
02/07/2014	09:40	6	SE
02/07/2014	09:45	5	ENE
02/07/2014	09:50	4	SSE
02/07/2014	09:55	5	ESE
02/07/2014	10:00	5	E
02/07/2014	10:05	6	SE
02/07/2014	10:10	5	ESE
02/07/2014	10:15	4	SE
02/07/2014	10:20	5	ENE
02/07/2014	10:25	7	NNW
02/07/2014	10:30	5	N
02/07/2014	10:35	8	NNW
02/07/2014	10:40	6	SSE
02/07/2014	10:45	6	SE
02/07/2014	10:50	5	E
02/07/2014	10:55	4	ENE
02/07/2014	11:00	5	ESE
02/07/2014	11:05	5	ENE
02/07/2014	11:10	5	ENE
02/07/2014	11:15	5	N
02/07/2014	11:20	6	NNE
02/07/2014	11:25	7	NNW
02/07/2014	11:30	8	N
02/07/2014	11:35	6	NNW
02/07/2014	11:40	5	NNW
02/07/2014	11:45	4	E
02/07/2014	11:50	8	N
02/07/2014	11:55	4	NE
02/07/2014	12:00	6	NNW
05/07/2014	09:45	7	ESE
05/07/2014	09:50	7	ESE
05/07/2014	09:55	7	SE
05/07/2014	10:00	8	ESE
05/07/2014	10:05	8	ESE
05/07/2014	10:10	7	SE
05/07/2014	10:15	8	ESE
05/07/2014	10:20	8	SE
05/07/2014	10:25	8	ESE
05/07/2014	10:30	7	ESE
05/07/2014	10:35	7	SE
05/07/2014	10:40	6	ESE
05/07/2014	10:45	6	SE
05/07/2014	10:50	7	SE
05/07/2014	10:55	7	SE
05/07/2014	11:00	6	SE

Extracted from the weather station at Tung Chung China State Site Office Rooftop

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
05/07/2014	11:05	5	SE	05/07/2014	15:45	6	NNW
05/07/2014	11:10	3	ESE	05/07/2014	15:50	2	NW
05/07/2014	11:15	4	SSE	05/07/2014	15:55	3	NW
05/07/2014	11:20	5	ESE	05/07/2014	16:00	4	WNW
05/07/2014	11:25	6	SE	05/07/2014	16:05	4	WNW
05/07/2014	11:30	3	NE	05/07/2014	16:10	4	NW
05/07/2014	11:35	2	ENE	05/07/2014	16:15	4	NW
05/07/2014	11:40	3	NW	05/07/2014	16:20	4	WNW
05/07/2014	11:45	3	SSW	05/07/2014	16:25	5	NW
05/07/2014	11:50	3	ESE	05/07/2014	16:30	5	WNW
05/07/2014	11:55	5	N	05/07/2014	16:35	5	NW
05/07/2014	12:00	4	NNE	05/07/2014	16:40	3	NW
05/07/2014	12:05	4	NNE	05/07/2014	16:45	2	SSE
05/07/2014	12:10	5	NNE	05/07/2014	16:50	2	NW
05/07/2014	12:15	5	N	05/07/2014	16:55	2	WNW
05/07/2014	12:20	5	NW	05/07/2014	17:00	3	NW
05/07/2014	12:25	2	NE	05/07/2014	17:05	4	NW
05/07/2014	12:30	3	NE	05/07/2014	17:10	1	WNW
05/07/2014	12:35	5	N	05/07/2014	17:15	2	WSW
05/07/2014	12:40	6	N	05/07/2014	17:20	4	NW
05/07/2014	12:45	4	N	05/07/2014	17:25	4	NW
05/07/2014	12:50	5	NNW	05/07/2014	17:30	3	NNE
05/07/2014	12:55	8	NNW	05/07/2014	17:35	3	N
05/07/2014	13:00	6	NNW	05/07/2014	17:40	2	NNW
05/07/2014	13:05	3	NNE	05/07/2014	17:45	1	NE
05/07/2014	13:10	3	E	05/07/2014	17:50	2	ESE
05/07/2014	13:15	5	NNW	05/07/2014	17:55	2	SSE
05/07/2014	13:20	5	WNW	05/07/2014	18:00	1	SE
05/07/2014	13:25	5	NNW	05/07/2014	18:05	2	E
05/07/2014	13:30	5	NW	05/07/2014	18:10	2	SE
05/07/2014	13:35	6	N	05/07/2014	18:15	1	SE
05/07/2014	13:40	5	NNW	05/07/2014	18:20	0	SE
05/07/2014	13:45	4	NNE	05/07/2014	18:25	0	SE
05/07/2014	13:50	4	WNW	05/07/2014	18:30	0	SE
05/07/2014	13:55	3	N	05/07/2014	18:35	0	SE
05/07/2014	14:00	2	NW	05/07/2014	18:40	1	SE
05/07/2014	14:05	3	NE	05/07/2014	18:45	0	---
05/07/2014	14:10	3	NNW	05/07/2014	18:50	0	---
05/07/2014	14:15	2	NNE	05/07/2014	18:55	0	---
05/07/2014	14:20	2	NNE	05/07/2014	19:00	0	---
05/07/2014	14:25	3	NW	05/07/2014	19:05	0	---
05/07/2014	14:30	4	NW	05/07/2014	19:10	0	---
05/07/2014	14:35	3	NNW	05/07/2014	19:15	1	S
05/07/2014	14:40	3	N	05/07/2014	19:20	2	S
05/07/2014	14:45	5	NNW	05/07/2014	19:25	1	S
05/07/2014	14:50	3	NE	05/07/2014	19:30	1	NE
05/07/2014	14:55	3	NW	05/07/2014	19:35	1	NE
05/07/2014	15:00	3	N	05/07/2014	19:40	1	SW
05/07/2014	15:05	3	N	05/07/2014	19:45	0	---
05/07/2014	15:10	3	N	05/07/2014	19:50	0	---
05/07/2014	15:15	3	NNE	05/07/2014	19:55	0	---
05/07/2014	15:20	3	NNE	05/07/2014	20:00	0	---
05/07/2014	15:25	3	NNW	05/07/2014	20:05	0	---
05/07/2014	15:30	4	NNW	05/07/2014	20:10	1	NNE
05/07/2014	15:35	5	NW	05/07/2014	20:15	2	NNE
05/07/2014	15:40	5	NW	05/07/2014	20:20	1	NW

Extracted from the weather station at Tung Chung China State Site Office Rooftop

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
05/07/2014	20:25	1	NW
05/07/2014	20:30	1	WSW
05/07/2014	20:35	0	---
05/07/2014	20:40	0	ESE
05/07/2014	20:45	3	SSE
05/07/2014	20:50	2	SSE
05/07/2014	20:55	2	SSE
05/07/2014	21:00	3	NW
05/07/2014	21:05	2	NNW
05/07/2014	21:10	0	NNW
05/07/2014	21:15	3	SSW
05/07/2014	21:20	1	SSE
05/07/2014	21:25	1	SE
05/07/2014	21:30	1	SE
05/07/2014	21:35	1	SE
05/07/2014	21:40	1	SE
05/07/2014	21:45	2	NNE
05/07/2014	21:50	2	NE
05/07/2014	21:55	1	ENE
05/07/2014	22:00	0	ENE
05/07/2014	22:05	2	ENE
05/07/2014	22:10	2	SE
05/07/2014	22:15	2	SE
05/07/2014	22:20	2	NE
05/07/2014	22:25	2	SSE
05/07/2014	22:30	2	E
05/07/2014	22:35	2	E
05/07/2014	22:40	1	SE
05/07/2014	22:45	2	SE
05/07/2014	22:50	2	SSW
05/07/2014	22:55	1	S
05/07/2014	23:00	0	S
05/07/2014	23:05	2	S
05/07/2014	23:10	2	S
05/07/2014	23:15	2	SE
05/07/2014	23:20	1	SSW
05/07/2014	23:25	0	---
05/07/2014	23:30	0	---
05/07/2014	23:35	0	---
05/07/2014	23:40	2	E
05/07/2014	23:45	2	ESE
05/07/2014	23:50	2	ESE
05/07/2014	23:55	1	SSW
06/07/2014	00:00	0	SSW
06/07/2014	00:05	0	---
06/07/2014	00:10	0	---
06/07/2014	00:15	0	---
06/07/2014	00:20	0	---
06/07/2014	00:25	1	NNW
06/07/2014	00:30	2	NNW
06/07/2014	00:35	1	NNW
06/07/2014	00:40	0	NNW
06/07/2014	00:45	0	---
06/07/2014	00:50	0	E
06/07/2014	00:55	2	ESE
06/07/2014	01:00	1	SSE
06/07/2014	01:05	1	SSE
06/07/2014	01:10	1	S
06/07/2014	01:15	1	S
06/07/2014	01:20	0	S
06/07/2014	01:25	0	---
06/07/2014	01:30	0	---
06/07/2014	01:35	0	---
06/07/2014	01:40	0	---
06/07/2014	01:45	0	---
06/07/2014	01:50	1	S
06/07/2014	01:55	1	SE
06/07/2014	02:00	2	SE
06/07/2014	02:05	2	SE
06/07/2014	02:10	2	S
06/07/2014	02:15	2	SE
06/07/2014	02:20	1	SE
06/07/2014	02:25	2	SSE
06/07/2014	02:30	1	SE
06/07/2014	02:35	0	SE
06/07/2014	02:40	0	---
06/07/2014	02:45	0	SE
06/07/2014	02:50	1	S
06/07/2014	02:55	0	---
06/07/2014	03:00	0	---
06/07/2014	03:05	0	---
06/07/2014	03:10	1	NNW
06/07/2014	03:15	3	WNW
06/07/2014	03:20	7	N
06/07/2014	03:25	5	WNW
06/07/2014	03:30	2	N
06/07/2014	03:35	4	NNW
06/07/2014	03:40	3	NNW
06/07/2014	03:45	2	NW
06/07/2014	03:50	3	NNW
06/07/2014	03:55	3	NW
06/07/2014	04:00	3	NNW
06/07/2014	04:05	2	N
06/07/2014	04:10	1	N
06/07/2014	04:15	3	NNW
06/07/2014	04:20	3	NNW
06/07/2014	04:25	2	NNE
06/07/2014	04:30	3	NNE
06/07/2014	04:35	3	NNE
06/07/2014	04:40	4	NNE
06/07/2014	04:45	3	NNE
06/07/2014	04:50	3	N
06/07/2014	04:55	4	N
06/07/2014	05:00	11	NNW
06/07/2014	05:05	8	NNW
06/07/2014	05:10	7	NW
06/07/2014	05:15	5	NW
06/07/2014	05:20	8	NW
06/07/2014	05:25	7	NW
06/07/2014	05:30	7	NNW
06/07/2014	05:35	5	WNW
06/07/2014	05:40	5	NW

Extracted from the weather station at Tung Chung China State Site Office Rooftop

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
06/07/2014	05:45	5	NNW	06/07/2014	10:25	4	NNW
06/07/2014	05:50	4	NNW	06/07/2014	10:30	5	NNW
06/07/2014	05:55	4	NNW	06/07/2014	10:35	4	N
06/07/2014	06:00	4	NW	06/07/2014	10:40	4	NNW
06/07/2014	06:05	4	NW	06/07/2014	10:45	3	NNE
06/07/2014	06:10	6	NW	06/07/2014	10:50	5	NNW
06/07/2014	06:15	4	NNE	06/07/2014	10:55	4	NW
06/07/2014	06:20	3	NNW	06/07/2014	11:00	4	N
06/07/2014	06:25	5	NNE	06/07/2014	11:05	5	NNW
06/07/2014	06:30	4	N	06/07/2014	11:10	6	NNW
06/07/2014	06:35	5	NNW	06/07/2014	11:15	5	NNW
06/07/2014	06:40	4	N	06/07/2014	11:20	5	NNW
06/07/2014	06:45	4	NNE	06/07/2014	11:25	5	NNW
06/07/2014	06:50	4	NNE	06/07/2014	11:30	4	NNW
06/07/2014	06:55	3	NW	06/07/2014	11:35	4	NNW
06/07/2014	07:00	3	NNW	06/07/2014	11:40	3	N
06/07/2014	07:05	3	N	06/07/2014	11:45	2	NNE
06/07/2014	07:10	4	N	06/07/2014	11:50	1	N
06/07/2014	07:15	5	NW	06/07/2014	11:55	3	NNW
06/07/2014	07:20	5	NW	06/07/2014	12:00	3	N
06/07/2014	07:25	4	NW	06/07/2014	12:05	3	N
06/07/2014	07:30	5	NNW	06/07/2014	12:10	3	ENE
06/07/2014	07:35	4	N	06/07/2014	12:15	3	E
06/07/2014	07:40	6	N	06/07/2014	12:20	3	ESE
06/07/2014	07:45	7	NNW	06/07/2014	12:25	2	ENE
06/07/2014	07:50	7	NW	06/07/2014	12:30	4	ESE
06/07/2014	07:55	5	NNW	06/07/2014	12:35	6	ESE
06/07/2014	08:00	7	NNW	06/07/2014	12:40	5	SE
06/07/2014	08:05	6	NNE	06/07/2014	12:45	6	ESE
06/07/2014	08:10	6	NNE	06/07/2014	12:50	6	SE
06/07/2014	08:15	6	N	06/07/2014	12:55	5	SE
06/07/2014	08:20	5	NNW	06/07/2014	13:00	5	SE
06/07/2014	08:25	5	NW	06/07/2014	13:05	5	SE
06/07/2014	08:30	5	NNW	06/07/2014	13:10	5	SE
06/07/2014	08:35	7	NW	06/07/2014	13:15	6	SE
06/07/2014	08:40	7	NNW	06/07/2014	13:20	6	ESE
06/07/2014	08:45	7	NW	06/07/2014	13:25	5	SE
06/07/2014	08:50	8	NW	06/07/2014	13:30	6	SE
06/07/2014	08:55	8	NW	06/07/2014	13:35	5	ESE
06/07/2014	09:00	7	NW	06/07/2014	13:40	4	SE
06/07/2014	09:05	6	NW	06/07/2014	13:45	3	SE
06/07/2014	09:10	7	NW	06/07/2014	13:50	2	SE
06/07/2014	09:15	7	NW	06/07/2014	13:55	1	N
06/07/2014	09:20	8	NNW	06/07/2014	14:00	3	NNW
06/07/2014	09:25	5	NNW	06/07/2014	14:05	3	NNW
06/07/2014	09:30	4	NW	06/07/2014	14:10	3	N
06/07/2014	09:35	5	N	06/07/2014	14:15	4	N
06/07/2014	09:40	7	NNW	06/07/2014	14:20	4	NNW
06/07/2014	09:45	5	NNW	06/07/2014	14:25	4	NNW
06/07/2014	09:50	4	WNW	06/07/2014	14:30	2	N
06/07/2014	09:55	7	NW	06/07/2014	14:35	3	N
06/07/2014	10:00	5	NNW	06/07/2014	14:40	2	NNE
06/07/2014	10:05	6	NW	06/07/2014	14:45	2	NNE
06/07/2014	10:10	6	NNW	06/07/2014	14:50	1	NE
06/07/2014	10:15	5	NNW	06/07/2014	14:55	2	E
06/07/2014	10:20	6	NW	06/07/2014	15:00	2	E

Extracted from the weather station at Tung Chung China State Site Office Rooftop

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
06/07/2014	15:05	1	E
06/07/2014	15:10	3	ESE
06/07/2014	15:15	3	SE
06/07/2014	15:20	4	S
06/07/2014	15:25	3	SSE
06/07/2014	15:30	4	SE
06/07/2014	15:35	3	SE
06/07/2014	15:40	3	SSE
06/07/2014	15:45	2	SE
06/07/2014	15:50	4	SE
06/07/2014	15:55	4	ESE
06/07/2014	16:00	2	E
06/07/2014	16:05	2	N
06/07/2014	16:10	2	NNE
06/07/2014	16:15	2	NNW
06/07/2014	16:20	4	NNW
06/07/2014	16:25	3	NW
06/07/2014	16:30	4	NNW
06/07/2014	16:35	3	NW
06/07/2014	16:40	1	NW
06/07/2014	16:45	3	NNW
06/07/2014	16:50	3	NNW
06/07/2014	16:55	2	NNW
06/07/2014	17:00	2	NNW
06/07/2014	17:05	0	NNW
06/07/2014	17:10	2	NNW
06/07/2014	17:15	2	NNW
06/07/2014	17:20	1	NNW
06/07/2014	17:25	2	NNW
06/07/2014	17:30	2	NNW
06/07/2014	17:35	3	NNW
06/07/2014	17:40	2	NNW
06/07/2014	17:45	1	NNW
06/07/2014	17:50	2	NNW
06/07/2014	17:55	1	NNW
06/07/2014	18:00	0	---
06/07/2014	18:05	1	NNW
06/07/2014	18:10	2	WNW
06/07/2014	18:15	2	WNW
06/07/2014	18:20	1	WNW
06/07/2014	18:25	0	NNW
06/07/2014	18:30	0	NNW
06/07/2014	18:35	0	NNW
06/07/2014	18:40	1	SSE
06/07/2014	18:45	2	SSW
06/07/2014	18:50	1	SSE
06/07/2014	18:55	1	SSE
06/07/2014	19:00	0	---
06/07/2014	19:05	0	---
06/07/2014	19:10	0	SSE
06/07/2014	19:15	2	NNE
06/07/2014	19:20	3	NNW
06/07/2014	19:25	3	NNW
06/07/2014	19:30	4	NW
06/07/2014	19:35	4	NW
06/07/2014	19:40	3	NW
06/07/2014	19:45	3	NW
06/07/2014	19:50	3	NW
06/07/2014	19:55	1	NW
06/07/2014	20:00	1	S
06/07/2014	20:05	0	WNW
06/07/2014	20:10	1	WNW
06/07/2014	20:15	1	S
06/07/2014	20:20	2	SE
06/07/2014	20:25	1	S
06/07/2014	20:30	0	---
06/07/2014	20:35	0	---
06/07/2014	20:40	1	S
06/07/2014	20:45	1	S
06/07/2014	20:50	1	S
06/07/2014	20:55	0	---
06/07/2014	21:00	0	---
06/07/2014	21:05	0	---
06/07/2014	21:10	0	---
06/07/2014	21:15	2	NNW
06/07/2014	21:20	2	NNW
06/07/2014	21:25	2	WNW
06/07/2014	21:30	2	WNW
06/07/2014	21:35	2	WNW
06/07/2014	21:40	3	W
06/07/2014	21:45	3	WNW
06/07/2014	21:50	2	WNW
06/07/2014	21:55	2	WNW
06/07/2014	22:00	3	WNW
06/07/2014	22:05	3	WNW
06/07/2014	22:10	3	NW
06/07/2014	22:15	1	NW
06/07/2014	22:20	1	NW
06/07/2014	22:25	0	NW
06/07/2014	22:30	1	NW
06/07/2014	22:35	0	---
06/07/2014	22:40	0	---
06/07/2014	22:45	1	NW
06/07/2014	22:50	0	NW
06/07/2014	22:55	0	NW
06/07/2014	23:00	0	NW
06/07/2014	23:05	0	---
06/07/2014	23:10	0	---
06/07/2014	23:15	0	---
06/07/2014	23:20	0	---
06/07/2014	23:25	0	---
06/07/2014	23:30	0	---
06/07/2014	23:35	2	NNW
06/07/2014	23:40	2	NW
06/07/2014	23:45	2	NNW
06/07/2014	23:50	2	NNW
06/07/2014	23:55	3	NNW
07/07/2014	00:00	2	NNW
07/07/2014	00:05	2	NNW
07/07/2014	00:10	2	NNW
07/07/2014	00:15	2	NNW
07/07/2014	00:20	1	NW

Extracted from the weather station at Tung Chung China State Site Office Rooftop

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
07/07/2014	00:25	2	SSE
07/07/2014	00:30	0	SSE
07/07/2014	00:35	2	NW
07/07/2014	00:40	2	N
07/07/2014	00:45	2	WNW
07/07/2014	00:50	4	NNW
07/07/2014	00:55	1	NW
07/07/2014	01:00	2	N
07/07/2014	01:05	1	NE
07/07/2014	01:10	1	NE
07/07/2014	01:15	1	N
07/07/2014	01:20	2	N
07/07/2014	01:25	2	W
07/07/2014	01:30	2	WNW
07/07/2014	01:35	0	NNE
07/07/2014	01:40	1	WNW
07/07/2014	01:45	4	NW
07/07/2014	01:50	3	NW
07/07/2014	01:55	1	NW
07/07/2014	02:00	1	E
07/07/2014	02:05	2	SSW
07/07/2014	02:10	1	S
07/07/2014	02:15	0	---
07/07/2014	02:20	0	---
07/07/2014	02:25	0	---
07/07/2014	02:30	0	---
07/07/2014	02:35	0	---
07/07/2014	02:40	0	NNW
07/07/2014	02:45	2	NNE
07/07/2014	02:50	0	ESE
07/07/2014	02:55	1	ESE
07/07/2014	03:00	0	---
07/07/2014	03:05	5	NE
07/07/2014	03:10	8	NE
07/07/2014	03:15	7	NE
07/07/2014	03:20	7	NNE
07/07/2014	03:25	9	WNW
07/07/2014	03:30	7	NW
07/07/2014	03:35	4	NE
07/07/2014	03:40	5	SSE
07/07/2014	03:45	4	SSW
07/07/2014	03:50	4	NW
07/07/2014	03:55	5	WNW
07/07/2014	04:00	3	NNW
07/07/2014	04:05	2	WNW
07/07/2014	04:10	4	NW
07/07/2014	04:15	4	NW
07/07/2014	04:20	4	WNW
07/07/2014	04:25	4	NW
07/07/2014	04:30	4	NW
07/07/2014	04:35	3	NNW
07/07/2014	04:40	2	WSW
07/07/2014	04:45	2	WNW
07/07/2014	04:50	3	NW
07/07/2014	04:55	3	NNW
07/07/2014	05:00	3	NW
07/07/2014	05:05	3	NNW
07/07/2014	05:10	3	NNW
07/07/2014	05:15	3	NW
07/07/2014	05:20	2	NNW
07/07/2014	05:25	2	NW
07/07/2014	05:30	3	WNW
07/07/2014	05:35	4	WNW
07/07/2014	05:40	2	NW
07/07/2014	05:45	3	NW
07/07/2014	05:50	4	WNW
07/07/2014	05:55	4	WNW
07/07/2014	06:00	3	WNW
07/07/2014	06:05	3	WNW
07/07/2014	06:10	3	NW
07/07/2014	06:15	2	NW
07/07/2014	06:20	3	NW
07/07/2014	06:25	3	WNW
07/07/2014	06:30	3	NW
07/07/2014	06:35	2	WNW
07/07/2014	06:40	2	WNW
07/07/2014	06:45	1	NW
07/07/2014	06:50	3	NW
07/07/2014	06:55	3	WNW
07/07/2014	07:00	3	WNW
07/07/2014	07:05	2	WNW
07/07/2014	07:10	2	WNW
07/07/2014	07:15	2	WNW
07/07/2014	07:20	2	WNW
07/07/2014	07:25	2	NW
07/07/2014	07:30	1	NW
07/07/2014	07:35	2	NW
07/07/2014	07:40	4	NW
07/07/2014	07:45	2	NW
07/07/2014	07:50	3	WNW
07/07/2014	07:55	2	N
07/07/2014	08:00	3	N
07/07/2014	08:05	4	NNW
07/07/2014	08:10	4	NNW
07/07/2014	08:15	3	N
07/07/2014	08:20	3	N
07/07/2014	08:25	5	NNW
07/07/2014	08:30	4	NNW
07/07/2014	08:35	2	NNW
07/07/2014	08:40	1	NNW
07/07/2014	08:45	1	NNW
07/07/2014	08:50	1	NE
07/07/2014	08:55	4	ESE
07/07/2014	09:00	4	ESE
07/07/2014	09:05	7	ESE
07/07/2014	09:10	6	ESE
07/07/2014	09:15	4	SE
07/07/2014	09:20	3	ESE
07/07/2014	09:25	4	ESE
07/07/2014	09:30	6	ESE
07/07/2014	09:35	7	SE
07/07/2014	09:40	5	SE

Extracted from the weather station at Tung Chung China State Site Office Rooftop

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
07/07/2014	09:45	6	SE	07/07/2014	14:25	4	SE
07/07/2014	09:50	7	SSE	07/07/2014	14:30	5	SE
07/07/2014	09:55	7	SE	07/07/2014	14:35	5	SE
07/07/2014	10:00	6	SSE	07/07/2014	14:40	4	SE
07/07/2014	10:05	4	S	07/07/2014	14:45	3	SE
07/07/2014	10:10	4	S	07/07/2014	14:50	2	SE
07/07/2014	10:15	5	SSE	07/07/2014	14:55	0	SE
07/07/2014	10:20	6	SSE	07/07/2014	15:00	0	SE
07/07/2014	10:25	6	SE	07/07/2014	15:05	0	NNW
07/07/2014	10:30	5	SE	07/07/2014	15:10	2	SSW
07/07/2014	10:35	5	SE	07/07/2014	15:15	2	SW
07/07/2014	10:40	6	SSE	07/07/2014	15:20	1	ESE
07/07/2014	10:45	4	SSE	07/07/2014	15:25	1	ESE
07/07/2014	10:50	4	SSE	07/07/2014	15:30	1	ESE
07/07/2014	10:55	4	SSE	07/07/2014	15:35	1	ESE
07/07/2014	11:00	4	SSE	07/07/2014	15:40	1	SSE
07/07/2014	11:05	4	SSE	07/07/2014	15:45	1	SSE
07/07/2014	11:10	4	SSE	07/07/2014	15:50	0	---
07/07/2014	11:15	3	SE	07/07/2014	15:55	1	NW
07/07/2014	11:20	4	SE	07/07/2014	16:00	3	N
07/07/2014	11:25	4	SSE	07/07/2014	16:05	0	NNE
07/07/2014	11:30	4	SE	07/07/2014	16:10	0	S
07/07/2014	11:35	5	ESE	07/07/2014	16:15	1	S
07/07/2014	11:40	4	SE	07/07/2014	16:20	0	---
07/07/2014	11:45	5	SE	07/07/2014	16:25	0	---
07/07/2014	11:50	5	SE	07/07/2014	16:30	1	NW
07/07/2014	11:55	4	SE	07/07/2014	16:35	3	NW
07/07/2014	12:00	4	SE	07/07/2014	16:40	2	NW
07/07/2014	12:05	3	SE	07/07/2014	16:45	0	---
07/07/2014	12:10	4	ESE	07/07/2014	16:50	0	---
07/07/2014	12:15	5	SE	07/07/2014	16:55	0	WNW
07/07/2014	12:20	4	ESE	07/07/2014	17:00	1	NW
07/07/2014	12:25	3	SSE	07/07/2014	17:05	0	---
07/07/2014	12:30	2	SSE	07/07/2014	17:10	0	---
07/07/2014	12:35	0	SSE	07/07/2014	17:15	0	---
07/07/2014	12:40	1	SSE	07/07/2014	17:20	0	---
07/07/2014	12:45	1	SSE	07/07/2014	17:25	0	---
07/07/2014	12:50	2	ESE	07/07/2014	17:30	0	---
07/07/2014	12:55	0	ESE	07/07/2014	17:35	0	---
07/07/2014	13:00	0	---	07/07/2014	17:40	0	---
07/07/2014	13:05	0	---	07/07/2014	17:45	0	---
07/07/2014	13:10	0	---	07/07/2014	17:50	0	---
07/07/2014	13:15	0	---	07/07/2014	17:55	0	---
07/07/2014	13:20	0	---	07/07/2014	18:00	0	---
07/07/2014	13:25	0	---	07/07/2014	18:05	0	SSW
07/07/2014	13:30	2	SE	07/07/2014	18:10	0	---
07/07/2014	13:35	2	E	07/07/2014	18:15	0	SSW
07/07/2014	13:40	2	E	07/07/2014	18:20	0	SSW
07/07/2014	13:45	3	SE	07/07/2014	18:25	0	---
07/07/2014	13:50	1	SE	07/07/2014	18:30	0	---
07/07/2014	13:55	0	---	07/07/2014	18:35	0	SSW
07/07/2014	14:00	1	NE	07/07/2014	18:40	0	WNW
07/07/2014	14:05	2	NE	07/07/2014	18:45	0	WNW
07/07/2014	14:10	2	NE	07/07/2014	18:50	4	W
07/07/2014	14:15	2	NE	07/07/2014	18:55	3	WNW
07/07/2014	14:20	4	ESE	07/07/2014	19:00	2	W

Extracted from the weather station at Tung Chung China State Site Office Rooftop

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
07/07/2014	19:05	1	WNW
07/07/2014	19:10	1	SSE
07/07/2014	19:15	0	SSE
07/07/2014	19:20	0	SSE
07/07/2014	19:25	0	SSE
07/07/2014	19:30	0	SSE
07/07/2014	19:35	1	SSE
07/07/2014	19:40	1	SSW
07/07/2014	19:45	0	SSW
07/07/2014	19:50	0	SSW
07/07/2014	19:55	1	NNW
07/07/2014	20:00	0	NNW
07/07/2014	20:05	0	---
07/07/2014	20:10	0	NNW
07/07/2014	20:15	0	NNW
07/07/2014	20:20	0	NNW
07/07/2014	20:25	0	---
07/07/2014	20:30	0	---
07/07/2014	20:35	1	NNW
07/07/2014	20:40	2	WNW
07/07/2014	20:45	1	WNW
07/07/2014	20:50	0	WNW
07/07/2014	20:55	0	---
07/07/2014	21:00	0	WNW
07/07/2014	21:05	0	---
07/07/2014	21:10	0	WNW
07/07/2014	21:15	0	WNW
07/07/2014	21:20	1	WNW
07/07/2014	21:25	1	WNW
07/07/2014	21:30	0	WNW
07/07/2014	21:35	0	WNW
07/07/2014	21:40	0	WNW
07/07/2014	21:45	0	---
07/07/2014	21:50	0	---
07/07/2014	21:55	0	---
07/07/2014	22:00	0	---
07/07/2014	22:05	0	---
07/07/2014	22:10	1	WNW
07/07/2014	22:15	2	WNW
07/07/2014	22:20	1	WNW
07/07/2014	22:25	0	---
07/07/2014	22:30	0	---
07/07/2014	22:35	1	SSW
07/07/2014	22:40	0	SSW
07/07/2014	22:45	0	---
07/07/2014	22:50	0	---
07/07/2014	22:55	0	SSW
07/07/2014	23:00	0	SSW
07/07/2014	23:05	0	SSW
07/07/2014	23:10	0	S
07/07/2014	23:15	0	S
07/07/2014	23:20	0	SE
07/07/2014	23:25	0	---
07/07/2014	23:30	1	NW
07/07/2014	23:35	3	WNW
07/07/2014	23:40	3	WNW
07/07/2014	23:45	3	WNW
07/07/2014	23:50	2	WNW
07/07/2014	23:55	0	WNW
08/07/2014	00:00	1	SSW
08/07/2014	00:05	1	SSW
08/07/2014	00:10	0	SSW
08/07/2014	00:15	0	---
08/07/2014	00:20	0	NW
08/07/2014	00:25	0	NW
08/07/2014	00:30	1	W
08/07/2014	00:35	0	---
08/07/2014	00:40	0	W
08/07/2014	00:45	0	---
08/07/2014	00:50	0	W
08/07/2014	00:55	0	W
08/07/2014	01:00	1	WNW
08/07/2014	01:05	0	WNW
08/07/2014	01:10	1	WNW
08/07/2014	01:15	2	WNW
08/07/2014	01:20	1	SSW
08/07/2014	01:25	2	NW
08/07/2014	01:30	1	NW
08/07/2014	01:35	0	NW
08/07/2014	01:40	0	---
08/07/2014	01:45	0	---
08/07/2014	01:50	1	WNW
08/07/2014	01:55	2	WNW
08/07/2014	02:00	0	NW
08/07/2014	02:05	0	NW
08/07/2014	02:10	0	NW
08/07/2014	02:15	1	NW
08/07/2014	02:20	0	NW
08/07/2014	02:25	0	NW
08/07/2014	02:30	0	---
08/07/2014	02:35	0	---
08/07/2014	02:40	0	---
08/07/2014	02:45	0	NW
08/07/2014	02:50	0	---
08/07/2014	02:55	0	NW
08/07/2014	03:00	0	NW
08/07/2014	03:05	0	---
08/07/2014	03:10	1	W
08/07/2014	03:15	1	NNW
08/07/2014	03:20	2	NNW
08/07/2014	03:25	0	NNW
08/07/2014	03:30	0	NNW
08/07/2014	03:35	2	WNW
08/07/2014	03:40	2	WNW
08/07/2014	03:45	2	NW
08/07/2014	03:50	2	NW
08/07/2014	03:55	2	N
08/07/2014	04:00	2	N
08/07/2014	04:05	3	NNW
08/07/2014	04:10	2	N
08/07/2014	04:15	1	WNW
08/07/2014	04:20	1	W

Extracted from the weather station at Tung Chung China State Site Office Rooftop

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
08/07/2014	04:25	1	NW	08/07/2014	09:05	4	NNW
08/07/2014	04:30	1	NW	08/07/2014	09:10	5	NNW
08/07/2014	04:35	1	NW	08/07/2014	09:15	4	NNW
08/07/2014	04:40	2	N	08/07/2014	09:20	4	NW
08/07/2014	04:45	2	WNW	08/07/2014	09:25	5	N
08/07/2014	04:50	2	N	08/07/2014	09:30	6	NNW
08/07/2014	04:55	1	NNE	08/07/2014	09:35	4	NW
08/07/2014	05:00	2	ENE	08/07/2014	09:40	3	NNW
08/07/2014	05:05	2	ENE	08/07/2014	09:45	5	NW
08/07/2014	05:10	3	ENE	08/07/2014	09:50	3	NW
08/07/2014	05:15	2	ENE	08/07/2014	09:55	3	ENE
08/07/2014	05:20	1	ENE	08/07/2014	10:00	5	E
08/07/2014	05:25	2	ENE	08/07/2014	10:05	5	ESE
08/07/2014	05:30	3	E	08/07/2014	10:10	4	ENE
08/07/2014	05:35	2	E	08/07/2014	10:15	4	ENE
08/07/2014	05:40	2	E	08/07/2014	10:20	6	E
08/07/2014	05:45	3	E	08/07/2014	10:25	7	SE
08/07/2014	05:50	4	E	08/07/2014	10:30	7	SE
08/07/2014	05:55	4	E	08/07/2014	10:35	6	SE
08/07/2014	06:00	4	E	08/07/2014	10:40	7	SE
08/07/2014	06:05	3	ESE	08/07/2014	10:45	8	ESE
08/07/2014	06:10	3	ESE	08/07/2014	10:50	8	SE
08/07/2014	06:15	3	ESE	08/07/2014	10:55	6	ESE
08/07/2014	06:20	4	ESE	08/07/2014	11:00	5	ESE
08/07/2014	06:25	3	ESE	08/07/2014	11:05	4	ESE
08/07/2014	06:30	3	ESE	08/07/2014	11:10	6	ESE
08/07/2014	06:35	3	SE	08/07/2014	11:15	6	ESE
08/07/2014	06:40	3	SE	08/07/2014	11:20	3	ESE
08/07/2014	06:45	2	SE	08/07/2014	11:25	3	E
08/07/2014	06:50	2	SE	08/07/2014	11:30	2	E
08/07/2014	06:55	1	SE	08/07/2014	11:35	3	ENE
08/07/2014	07:00	2	NE	08/07/2014	11:40	3	E
08/07/2014	07:05	3	E	08/07/2014	11:45	2	E
08/07/2014	07:10	2	ENE	08/07/2014	11:50	2	ENE
08/07/2014	07:15	2	E	08/07/2014	11:55	2	NE
08/07/2014	07:20	2	ESE	08/07/2014	12:00	4	ENE
08/07/2014	07:25	2	E	08/07/2014	12:05	2	NNE
08/07/2014	07:30	2	E	08/07/2014	12:10	1	NNE
08/07/2014	07:35	2	E	08/07/2014	12:15	2	ENE
08/07/2014	07:40	2	E	08/07/2014	12:20	3	NNW
08/07/2014	07:45	3	ESE	08/07/2014	12:25	4	N
08/07/2014	07:50	3	ESE	08/07/2014	12:30	3	NNE
08/07/2014	07:55	2	ESE	08/07/2014	12:35	2	E
08/07/2014	08:00	2	N	08/07/2014	12:40	2	NE
08/07/2014	08:05	3	WNW	08/07/2014	12:45	4	N
08/07/2014	08:10	5	NNW	08/07/2014	12:50	5	NNW
08/07/2014	08:15	5	NNW	08/07/2014	12:55	3	NNE
08/07/2014	08:20	4	NW	08/07/2014	13:00	4	NNE
08/07/2014	08:25	4	NNW	08/07/2014	13:05	6	NNW
08/07/2014	08:30	5	NW	08/07/2014	13:10	3	NNW
08/07/2014	08:35	3	NW	08/07/2014	13:15	3	N
08/07/2014	08:40	4	NNW	08/07/2014	13:20	3	SE
08/07/2014	08:45	3	NNW	08/07/2014	13:25	3	NNW
08/07/2014	08:50	2	WNW	08/07/2014	13:30	3	NNW
08/07/2014	08:55	5	NNW	08/07/2014	13:35	3	N
08/07/2014	09:00	6	NNW	08/07/2014	13:40	4	NNE

Extracted from the weather station at Tung Chung China State Site Office Rooftop

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
08/07/2014	13:45	3	NW
08/07/2014	13:50	2	NNE
08/07/2014	13:55	4	N
08/07/2014	14:00	4	NNW
08/07/2014	14:05	3	NNW
08/07/2014	14:10	4	N
08/07/2014	14:15	3	WNW
08/07/2014	14:20	4	N
08/07/2014	14:25	4	N
08/07/2014	14:30	5	N
08/07/2014	14:35	6	NNW
08/07/2014	14:40	6	NNW
08/07/2014	14:45	6	NNW
08/07/2014	14:50	5	NNW
08/07/2014	14:55	5	NNW
08/07/2014	15:00	5	NNW
08/07/2014	15:05	6	NNW
08/07/2014	15:10	5	NNW
08/07/2014	15:15	4	NNW
08/07/2014	15:20	4	N
08/07/2014	15:25	5	NNW
08/07/2014	15:30	4	NNW
08/07/2014	15:35	5	NNW
08/07/2014	15:40	5	N
08/07/2014	15:45	7	NNE
08/07/2014	15:50	7	NNE
08/07/2014	15:55	8	NNE
08/07/2014	16:00	6	NNE
08/07/2014	16:05	5	NNE
08/07/2014	16:10	6	NNE
08/07/2014	16:15	7	NNE
08/07/2014	16:20	7	NNE
08/07/2014	16:25	6	N
08/07/2014	16:30	6	NNE
08/07/2014	16:35	6	NNE
08/07/2014	16:40	5	NE
08/07/2014	16:45	5	NNW
08/07/2014	16:50	5	N
08/07/2014	16:55	4	NNW
08/07/2014	17:00	1	NW
08/07/2014	17:05	3	WNW
08/07/2014	17:10	3	NW
08/07/2014	17:15	3	NNW
08/07/2014	17:20	3	WNW
08/07/2014	17:25	5	NW
08/07/2014	17:30	4	NW
08/07/2014	17:35	4	NW
08/07/2014	17:40	4	NW
08/07/2014	17:45	3	NW
08/07/2014	17:50	3	NW
08/07/2014	17:55	4	N
08/07/2014	18:00	4	NNW
08/07/2014	18:05	3	NNW
08/07/2014	18:10	3	NW
08/07/2014	18:15	3	NW
08/07/2014	18:20	3	NW
08/07/2014	18:25	3	WNW
08/07/2014	18:30	3	NNW
08/07/2014	18:35	3	NW
08/07/2014	18:40	3	NW
08/07/2014	18:45	3	NW
08/07/2014	18:50	3	NW
08/07/2014	18:55	3	NW
08/07/2014	19:00	2	NNW
08/07/2014	19:05	3	NNW
08/07/2014	19:10	3	NW
08/07/2014	19:15	2	N
08/07/2014	19:20	3	NW
08/07/2014	19:25	3	NW
08/07/2014	19:30	3	NNW
08/07/2014	19:35	3	NW
08/07/2014	19:40	3	NNW
08/07/2014	19:45	2	NW
08/07/2014	19:50	2	NW
08/07/2014	19:55	2	WNW
08/07/2014	20:00	2	WNW
08/07/2014	20:05	3	WNW
08/07/2014	20:10	3	NW
08/07/2014	20:15	3	NW
08/07/2014	20:20	2	NW
08/07/2014	20:25	3	W
08/07/2014	20:30	3	WNW
08/07/2014	20:35	2	WNW
08/07/2014	20:40	3	WNW
08/07/2014	20:45	2	W
08/07/2014	20:50	2	W
08/07/2014	20:55	2	NW
08/07/2014	21:00	2	WNW
08/07/2014	21:05	1	NW
08/07/2014	21:10	0	---
08/07/2014	21:15	0	---
08/07/2014	21:20	0	---
08/07/2014	21:25	0	---
08/07/2014	21:30	0	---
08/07/2014	21:35	0	---
08/07/2014	21:40	0	---
08/07/2014	21:45	0	---
08/07/2014	21:50	0	---
08/07/2014	21:55	0	---
08/07/2014	22:00	0	---
08/07/2014	22:05	0	---
08/07/2014	22:10	0	---
08/07/2014	22:15	0	---
08/07/2014	22:20	1	NW
08/07/2014	22:25	2	NW
08/07/2014	22:30	2	NW
08/07/2014	22:35	2	NW
08/07/2014	22:40	2	NW
08/07/2014	22:45	2	NW
08/07/2014	22:50	2	NW
08/07/2014	22:55	2	NW
08/07/2014	23:00	2	NW

Extracted from the weather station at Tung Chung China State Site Office Rooftop

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
08/07/2014	23:05	1	NW
08/07/2014	23:10	2	NW
08/07/2014	23:15	2	NW
08/07/2014	23:20	2	N
08/07/2014	23:25	2	N
08/07/2014	23:30	1	N
08/07/2014	23:35	1	N
08/07/2014	23:40	0	N
08/07/2014	23:45	0	---
08/07/2014	23:50	0	---
08/07/2014	23:55	0	---
09/07/2014	00:00	1	N
09/07/2014	00:05	2	N
09/07/2014	00:10	2	WNW
09/07/2014	00:15	3	WNW
09/07/2014	00:20	3	NW
09/07/2014	00:25	2	NW
09/07/2014	00:30	3	WNW
09/07/2014	00:35	1	WNW
09/07/2014	00:40	1	WNW
09/07/2014	00:45	3	NNW
09/07/2014	00:50	1	NNW
09/07/2014	00:55	0	---
09/07/2014	01:00	0	---
09/07/2014	01:05	0	---
09/07/2014	01:10	0	---
09/07/2014	01:15	0	---
09/07/2014	01:20	0	NNW
09/07/2014	01:25	0	---
09/07/2014	01:30	0	---
09/07/2014	01:35	0	---
09/07/2014	01:40	0	---
09/07/2014	01:45	0	---
09/07/2014	01:50	0	---
09/07/2014	01:55	0	---
09/07/2014	02:00	1	NNW
09/07/2014	02:05	0	---
09/07/2014	02:10	0	---
09/07/2014	02:15	0	NNW
09/07/2014	02:20	0	NNW
09/07/2014	02:25	0	NNW
09/07/2014	02:30	1	NNW
09/07/2014	02:35	1	NNW
09/07/2014	02:40	1	NNW
09/07/2014	02:45	1	NNW
09/07/2014	02:50	0	NNW
09/07/2014	02:55	1	NNW
09/07/2014	03:00	2	W
09/07/2014	03:05	1	W
09/07/2014	03:10	0	---
09/07/2014	03:15	0	---
09/07/2014	03:20	0	---
09/07/2014	03:25	0	---
09/07/2014	03:30	0	---
09/07/2014	03:35	0	---
09/07/2014	03:40	0	---
09/07/2014	03:45	3	NNW
09/07/2014	03:50	4	NW
09/07/2014	03:55	3	NNW
09/07/2014	04:00	3	NNW
09/07/2014	04:05	2	NNW
09/07/2014	04:10	2	N
09/07/2014	04:15	1	N
09/07/2014	04:20	1	N
09/07/2014	04:25	1	N
09/07/2014	04:30	1	N
09/07/2014	04:35	0	N
09/07/2014	04:40	0	N
09/07/2014	04:45	1	N
09/07/2014	04:50	1	N
09/07/2014	04:55	2	N
09/07/2014	05:00	3	N
09/07/2014	05:05	2	N
09/07/2014	05:10	2	ENE
09/07/2014	05:15	1	ENE
09/07/2014	05:20	2	ENE
09/07/2014	05:25	4	E
09/07/2014	05:30	3	E
09/07/2014	05:35	3	E
09/07/2014	05:40	3	E
09/07/2014	05:45	3	ESE
09/07/2014	05:50	4	ESE
09/07/2014	05:55	4	E
09/07/2014	06:00	4	E
09/07/2014	06:05	4	ESE
09/07/2014	06:10	5	ESE
09/07/2014	06:15	5	SE
09/07/2014	06:20	5	ESE
09/07/2014	06:25	4	ESE
09/07/2014	06:30	5	ESE
09/07/2014	06:35	5	SE
09/07/2014	06:40	4	SE
09/07/2014	06:45	4	SE
09/07/2014	06:50	5	SE
09/07/2014	06:55	5	SE
09/07/2014	07:00	3	ESE
09/07/2014	07:05	3	ESE
09/07/2014	07:10	5	E
09/07/2014	07:15	4	E
09/07/2014	07:20	3	E
09/07/2014	07:25	4	SE
09/07/2014	07:30	3	SE
09/07/2014	07:35	3	E
09/07/2014	07:40	2	E
09/07/2014	07:45	2	E
09/07/2014	07:50	3	SE
09/07/2014	07:55	3	ESE
09/07/2014	08:00	3	SE
09/07/2014	08:05	3	SE
09/07/2014	08:10	1	ESE
09/07/2014	08:15	3	ESE
09/07/2014	08:20	4	ESE

Extracted from the weather station at Tung Chung China State Site Office Rooftop

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
09/07/2014	08:25	5	ESE	09/07/2014	13:05	6	ENE
09/07/2014	08:30	6	E	09/07/2014	13:10	5	ENE
09/07/2014	08:35	5	E	09/07/2014	13:15	4	NNW
09/07/2014	08:40	5	SE	09/07/2014	13:20	5	NNW
09/07/2014	08:45	5	ESE	09/07/2014	13:25	5	NNW
09/07/2014	08:50	6	ESE	09/07/2014	13:30	4	N
09/07/2014	08:55	6	ESE	09/07/2014	13:35	3	NNW
09/07/2014	09:00	6	ESE	09/07/2014	13:40	5	NNW
09/07/2014	09:05	7	SE	09/07/2014	13:45	4	N
09/07/2014	09:10	7	SE	09/07/2014	13:50	3	N
09/07/2014	09:15	7	SE	09/07/2014	13:55	3	N
09/07/2014	09:20	7	ESE	09/07/2014	14:00	2	NNW
09/07/2014	09:25	6	SE	09/07/2014	14:05	3	N
09/07/2014	09:30	7	ESE	09/07/2014	14:10	3	N
09/07/2014	09:35	6	SE	09/07/2014	14:15	3	NNW
09/07/2014	09:40	5	ESE	09/07/2014	14:20	3	NNW
09/07/2014	09:45	4	ESE	09/07/2014	14:25	2	SSE
09/07/2014	09:50	3	ESE	09/07/2014	14:30	3	NE
09/07/2014	09:55	4	ESE	09/07/2014	14:35	2	N
09/07/2014	10:00	3	SSE	09/07/2014	14:40	3	WNW
09/07/2014	10:05	3	S	09/07/2014	14:45	4	NNW
09/07/2014	10:10	4	S	09/07/2014	14:50	5	NW
09/07/2014	10:15	2	SSE	09/07/2014	14:55	4	NW
09/07/2014	10:20	1	SE	09/07/2014	15:00	4	NNW
09/07/2014	10:25	5	ESE	09/07/2014	15:05	2	SSE
09/07/2014	10:30	7	ESE	09/07/2014	15:10	2	NNW
09/07/2014	10:35	8	ESE	09/07/2014	15:15	3	WNW
09/07/2014	10:40	6	SE	09/07/2014	15:20	2	W
09/07/2014	10:45	7	ESE	09/07/2014	15:25	2	NNE
09/07/2014	10:50	5	ESE	09/07/2014	15:30	2	NNE
09/07/2014	10:55	3	ESE	09/07/2014	15:35	4	S
09/07/2014	11:00	5	E	09/07/2014	15:40	4	SSW
09/07/2014	11:05	4	E	09/07/2014	15:45	4	ESE
09/07/2014	11:10	5	E	09/07/2014	15:50	4	E
09/07/2014	11:15	4	E	09/07/2014	15:55	3	SE
09/07/2014	11:20	3	E	09/07/2014	16:00	2	NE
09/07/2014	11:25	4	E	09/07/2014	16:05	2	NNW
09/07/2014	11:30	4	ESE	09/07/2014	16:10	1	NE
09/07/2014	11:35	4	ESE	09/07/2014	16:15	3	NNW
09/07/2014	11:40	4	E	09/07/2014	16:20	2	NNW
09/07/2014	11:45	3	ESE	09/07/2014	16:25	0	S
09/07/2014	11:50	3	E	09/07/2014	16:30	0	---
09/07/2014	11:55	4	ESE	09/07/2014	16:35	0	---
09/07/2014	12:00	4	ESE	09/07/2014	16:40	0	---
09/07/2014	12:05	5	ESE	09/07/2014	16:45	1	NW
09/07/2014	12:10	4	E	09/07/2014	16:50	5	NNW
09/07/2014	12:15	3	ESE	09/07/2014	16:55	4	NNW
09/07/2014	12:20	4	ESE	09/07/2014	17:00	5	NW
09/07/2014	12:25	3	ESE	09/07/2014	17:05	6	NNW
09/07/2014	12:30	3	ESE	09/07/2014	17:10	3	N
09/07/2014	12:35	3	ESE	09/07/2014	17:15	4	NNW
09/07/2014	12:40	2	NNE	09/07/2014	17:20	4	W
09/07/2014	12:45	3	E	09/07/2014	17:25	3	WNW
09/07/2014	12:50	4	ESE	09/07/2014	17:30	4	WNW
09/07/2014	12:55	5	E	09/07/2014	17:35	3	NNW
09/07/2014	13:00	4	E	09/07/2014	17:40	4	NW

Extracted from the weather station at Tung Chung China State Site Office Rooftop

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
09/07/2014	17:45	4	WSW	09/07/2014	22:25	3	N
09/07/2014	17:50	4	SSE	09/07/2014	22:30	3	N
09/07/2014	17:55	2	S	09/07/2014	22:35	4	NNW
09/07/2014	18:00	3	SSE	09/07/2014	22:40	2	WNW
09/07/2014	18:05	1	SW	09/07/2014	22:45	2	S
09/07/2014	18:10	2	N	09/07/2014	22:50	3	N
09/07/2014	18:15	2	SSE	09/07/2014	22:55	3	NW
09/07/2014	18:20	1	SSE	09/07/2014	23:00	3	NE
09/07/2014	18:25	1	SW	09/07/2014	23:05	3	S
09/07/2014	18:30	2	SE	09/07/2014	23:10	2	SE
09/07/2014	18:35	2	SE	09/07/2014	23:15	1	N
09/07/2014	18:40	1	S	09/07/2014	23:20	1	S
09/07/2014	18:45	5	SSE	09/07/2014	23:25	1	E
09/07/2014	18:50	5	SSE	09/07/2014	23:30	2	ENE
09/07/2014	18:55	6	SSE	09/07/2014	23:35	1	WSW
09/07/2014	19:00	6	SSE	09/07/2014	23:40	2	NNW
09/07/2014	19:05	5	SSE	09/07/2014	23:45	1	NNW
09/07/2014	19:10	3	SE	09/07/2014	23:50	1	NNE
09/07/2014	19:15	1	WNW	09/07/2014	23:55	2	NE
09/07/2014	19:20	3	SSE	10/07/2014	00:00	2	NNE
09/07/2014	19:25	4	S	10/07/2014	00:05	4	N
09/07/2014	19:30	5	SSE	10/07/2014	00:10	4	NNW
09/07/2014	19:35	4	SSE	10/07/2014	00:15	2	NNW
09/07/2014	19:40	4	S	10/07/2014	00:20	2	N
09/07/2014	19:45	4	SSE	10/07/2014	00:25	3	N
09/07/2014	19:50	3	SSE	10/07/2014	00:30	2	N
09/07/2014	19:55	3	SSE	10/07/2014	00:35	1	N
09/07/2014	20:00	4	SSW	10/07/2014	00:40	0	---
09/07/2014	20:05	4	SSE	10/07/2014	00:45	0	N
09/07/2014	20:10	2	SSE	10/07/2014	00:50	0	N
09/07/2014	20:15	2	SSE	10/07/2014	00:55	0	---
09/07/2014	20:20	2	S	10/07/2014	01:00	0	---
09/07/2014	20:25	3	ESE	10/07/2014	01:05	0	---
09/07/2014	20:30	2	SE	10/07/2014	01:10	0	---
09/07/2014	20:35	1	ESE	10/07/2014	01:15	0	---
09/07/2014	20:40	1	ESE	10/07/2014	01:20	0	---
09/07/2014	20:45	7	SE	10/07/2014	01:25	1	NW
09/07/2014	20:50	6	SSE	10/07/2014	01:30	1	NNW
09/07/2014	20:55	5	SSE	10/07/2014	01:35	0	---
09/07/2014	21:00	3	SE	10/07/2014	01:40	1	S
09/07/2014	21:05	4	NNW	10/07/2014	01:45	3	SSW
09/07/2014	21:10	11	NNW	10/07/2014	01:50	3	WSW
09/07/2014	21:15	6	NNW	10/07/2014	01:55	1	SW
09/07/2014	21:20	3	NNW	10/07/2014	02:00	0	SW
09/07/2014	21:25	1	E	10/07/2014	02:05	1	SW
09/07/2014	21:30	0	E	10/07/2014	02:10	0	---
09/07/2014	21:35	0	---	10/07/2014	02:15	1	WNW
09/07/2014	21:40	0	NNW	10/07/2014	02:20	0	WNW
09/07/2014	21:45	3	NNW	10/07/2014	02:25	0	---
09/07/2014	21:50	1	WNW	10/07/2014	02:30	0	---
09/07/2014	21:55	0	---	10/07/2014	02:35	0	---
09/07/2014	22:00	0	---	10/07/2014	02:40	0	WNW
09/07/2014	22:05	0	---	10/07/2014	02:45	0	WNW
09/07/2014	22:10	0	NNE	10/07/2014	02:50	0	WNW
09/07/2014	22:15	2	ENE	10/07/2014	02:55	0	WNW
09/07/2014	22:20	5	NNW	10/07/2014	03:00	0	WNW

Extracted from the weather station at Tung Chung China State Site Office Rooftop

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
10/07/2014	03:05	0	WNW	10/07/2014	07:45	1	S
10/07/2014	03:10	0	---	10/07/2014	07:50	3	ESE
10/07/2014	03:15	3	NNW	10/07/2014	07:55	2	SE
10/07/2014	03:20	2	NW	10/07/2014	08:00	2	SE
10/07/2014	03:25	0	---	10/07/2014	08:05	5	E
10/07/2014	03:30	0	NW	10/07/2014	08:10	5	ESE
10/07/2014	03:35	0	---	10/07/2014	08:15	7	ESE
10/07/2014	03:40	0	SSE	10/07/2014	08:20	5	SE
10/07/2014	03:45	3	SSE	10/07/2014	08:25	6	SE
10/07/2014	03:50	4	SE	10/07/2014	08:30	6	SE
10/07/2014	03:55	3	SE	10/07/2014	08:35	5	SE
10/07/2014	04:00	4	ENE	10/07/2014	08:40	5	SE
10/07/2014	04:05	3	NNE	10/07/2014	08:45	2	ESE
10/07/2014	04:10	4	NNW	10/07/2014	08:50	2	E
10/07/2014	04:15	1	NNW	10/07/2014	08:55	2	E
10/07/2014	04:20	3	NE	10/07/2014	09:00	2	ESE
10/07/2014	04:25	4	NE	10/07/2014	09:05	2	E
10/07/2014	04:30	4	NE	10/07/2014	09:10	3	ESE
10/07/2014	04:35	3	NE	10/07/2014	09:15	3	SE
10/07/2014	04:40	2	E	10/07/2014	09:20	3	SE
10/07/2014	04:45	3	E	10/07/2014	09:25	2	SE
10/07/2014	04:50	2	E	10/07/2014	09:30	3	E
10/07/2014	04:55	4	E	10/07/2014	09:35	3	E
10/07/2014	05:00	2	E	10/07/2014	09:40	2	ESE
10/07/2014	05:05	1	NNE	10/07/2014	09:45	3	E
10/07/2014	05:10	2	NNE	10/07/2014	09:50	3	E
10/07/2014	05:15	3	ESE	10/07/2014	09:55	2	E
10/07/2014	05:20	2	ENE	10/07/2014	10:00	3	ENE
10/07/2014	05:25	2	ENE	10/07/2014	10:05	4	E
10/07/2014	05:30	3	ENE	10/07/2014	10:10	3	E
10/07/2014	05:35	2	ENE	10/07/2014	10:15	3	E
10/07/2014	05:40	1	ENE	10/07/2014	10:20	4	E
10/07/2014	05:45	0	---	10/07/2014	10:25	4	E
10/07/2014	05:50	3	SSW	10/07/2014	10:30	3	E
10/07/2014	05:55	3	ENE	10/07/2014	10:35	3	E
10/07/2014	06:00	2	ENE	10/07/2014	10:40	4	SE
10/07/2014	06:05	1	NE	10/07/2014	10:45	3	ESE
10/07/2014	06:10	1	NW	10/07/2014	10:50	2	NE
10/07/2014	06:15	3	NW	10/07/2014	10:55	2	NNE
10/07/2014	06:20	4	NW	10/07/2014	11:00	3	E
10/07/2014	06:25	5	NW	10/07/2014	11:05	4	ENE
10/07/2014	06:30	7	NNW	10/07/2014	11:10	4	E
10/07/2014	06:35	8	NNW	10/07/2014	11:15	2	ENE
10/07/2014	06:40	9	NNW	10/07/2014	11:20	3	ESE
10/07/2014	06:45	7	NNW	10/07/2014	11:25	2	E
10/07/2014	06:50	5	NW	10/07/2014	11:30	3	ENE
10/07/2014	06:55	4	NNW	10/07/2014	11:35	3	E
10/07/2014	07:00	2	NW	10/07/2014	11:40	3	ENE
10/07/2014	07:05	0	---	10/07/2014	11:45	2	E
10/07/2014	07:10	1	NE	10/07/2014	11:50	2	ENE
10/07/2014	07:15	1	ENE	10/07/2014	11:55	2	NNE
10/07/2014	07:20	1	ESE	10/07/2014	12:00	2	N
10/07/2014	07:25	0	---	10/07/2014	12:05	5	NNW
10/07/2014	07:30	0	N	10/07/2014	12:10	4	N
10/07/2014	07:35	1	ENE	10/07/2014	12:15	3	NNE
10/07/2014	07:40	1	E	10/07/2014	12:20	4	E

Extracted from the weather station at Tung Chung China State Site Office Rooftop

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
10/07/2014	12:25	4	E	10/07/2014	17:05	0	SSW
10/07/2014	12:30	4	E	10/07/2014	17:10	2	S
10/07/2014	12:35	3	ENE	10/07/2014	17:15	2	N
10/07/2014	12:40	2	ENE	10/07/2014	17:20	4	NW
10/07/2014	12:45	1	NNE	10/07/2014	17:25	3	NW
10/07/2014	12:50	2	NE	10/07/2014	17:30	2	NW
10/07/2014	12:55	2	ESE	10/07/2014	17:35	2	NW
10/07/2014	13:00	2	N	10/07/2014	17:40	6	SSE
10/07/2014	13:05	3	N	10/07/2014	17:45	3	SSE
10/07/2014	13:10	3	NNE	10/07/2014	17:50	2	S
10/07/2014	13:15	4	N	10/07/2014	17:55	0	S
10/07/2014	13:20	5	N	10/07/2014	18:00	2	S
10/07/2014	13:25	4	NNW	10/07/2014	18:05	1	SSW
10/07/2014	13:30	4	N	10/07/2014	18:10	1	SSW
10/07/2014	13:35	3	NNE	10/07/2014	18:15	2	SSW
10/07/2014	13:40	3	NNW	10/07/2014	18:20	1	SSW
10/07/2014	13:45	3	NNW	10/07/2014	18:25	1	SSW
10/07/2014	13:50	2	N	10/07/2014	18:30	0	SSW
10/07/2014	13:55	2	NE	10/07/2014	18:35	1	SSW
10/07/2014	14:00	3	NE	10/07/2014	18:40	0	SSW
10/07/2014	14:05	2	N	10/07/2014	18:45	0	---
10/07/2014	14:10	0	N	10/07/2014	18:50	0	---
10/07/2014	14:15	2	NE	10/07/2014	18:55	0	SW
10/07/2014	14:20	3	NE	10/07/2014	19:00	1	S
10/07/2014	14:25	3	N	10/07/2014	19:05	1	S
10/07/2014	14:30	3	N	10/07/2014	19:10	1	S
10/07/2014	14:35	3	N	10/07/2014	19:15	0	SSE
10/07/2014	14:40	4	N	10/07/2014	19:20	0	NE
10/07/2014	14:45	2	NW	10/07/2014	19:25	0	---
10/07/2014	14:50	1	NW	10/07/2014	19:30	0	---
10/07/2014	14:55	3	NW	10/07/2014	19:35	0	---
10/07/2014	15:00	2	WNW	10/07/2014	19:40	0	NE
10/07/2014	15:05	2	WNW	10/07/2014	19:45	0	NE
10/07/2014	15:10	2	WNW	10/07/2014	19:50	0	NE
10/07/2014	15:15	0	WNW	10/07/2014	19:55	0	---
10/07/2014	15:20	2	SSW	10/07/2014	20:00	0	---
10/07/2014	15:25	1	SSW	10/07/2014	20:05	0	---
10/07/2014	15:30	0	SSW	10/07/2014	20:10	0	---
10/07/2014	15:35	1	SSW	10/07/2014	20:15	0	---
10/07/2014	15:40	2	SSE	10/07/2014	20:20	0	---
10/07/2014	15:45	2	SSE	10/07/2014	20:25	0	---
10/07/2014	15:50	1	SSE	10/07/2014	20:30	0	---
10/07/2014	15:55	1	NNE	10/07/2014	20:35	0	---
10/07/2014	16:00	3	NNW	10/07/2014	20:40	0	---
10/07/2014	16:05	3	NNW	10/07/2014	20:45	0	---
10/07/2014	16:10	3	NW	10/07/2014	20:50	1	N
10/07/2014	16:15	4	NNW	10/07/2014	20:55	1	N
10/07/2014	16:20	3	NNE	10/07/2014	21:00	2	NNW
10/07/2014	16:25	2	SSW	10/07/2014	21:05	0	NNW
10/07/2014	16:30	1	SSW	10/07/2014	21:10	0	NNW
10/07/2014	16:35	3	E	10/07/2014	21:15	0	NNW
10/07/2014	16:40	5	WNW	10/07/2014	21:20	0	NNW
10/07/2014	16:45	3	SE	10/07/2014	21:25	1	SSW
10/07/2014	16:50	2	WNW	10/07/2014	21:30	0	---
10/07/2014	16:55	2	NE	10/07/2014	21:35	0	---
10/07/2014	17:00	3	S	10/07/2014	21:40	0	---

Extracted from the weather station at Tung Chung China State Site Office Rooftop

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
10/07/2014	21:45	0	---	11/07/2014	02:25	5	SSE
10/07/2014	21:50	0	---	11/07/2014	02:30	7	SE
10/07/2014	21:55	0	---	11/07/2014	02:35	7	SE
10/07/2014	22:00	0	---	11/07/2014	02:40	6	SE
10/07/2014	22:05	0	---	11/07/2014	02:45	7	SE
10/07/2014	22:10	0	---	11/07/2014	02:50	6	SE
10/07/2014	22:15	0	---	11/07/2014	02:55	3	SE
10/07/2014	22:20	0	---	11/07/2014	03:00	5	SE
10/07/2014	22:25	0	---	11/07/2014	03:05	5	SE
10/07/2014	22:30	0	---	11/07/2014	03:10	5	SE
10/07/2014	22:35	0	---	11/07/2014	03:15	4	SE
10/07/2014	22:40	0	---	11/07/2014	03:20	1	SSE
10/07/2014	22:45	0	---	11/07/2014	03:25	0	SSE
10/07/2014	22:50	0	---	11/07/2014	03:30	0	SSE
10/07/2014	22:55	0	---	11/07/2014	03:35	1	SSE
10/07/2014	23:00	0	NNW	11/07/2014	03:40	0	SE
10/07/2014	23:05	0	---	11/07/2014	03:45	0	SSE
10/07/2014	23:10	2	NW	11/07/2014	03:50	0	---
10/07/2014	23:15	1	NW	11/07/2014	03:55	0	---
10/07/2014	23:20	0	NW	11/07/2014	04:00	0	---
10/07/2014	23:25	0	N	11/07/2014	04:05	0	---
10/07/2014	23:30	0	WNW	11/07/2014	04:10	0	---
10/07/2014	23:35	0	---	11/07/2014	04:15	0	SSE
10/07/2014	23:40	0	WNW	11/07/2014	04:20	0	---
10/07/2014	23:45	0	WNW	11/07/2014	04:25	0	SSE
10/07/2014	23:50	0	---	11/07/2014	04:30	2	SSE
10/07/2014	23:55	0	---	11/07/2014	04:35	2	SE
11/07/2014	00:00	0	---	11/07/2014	04:40	0	SE
11/07/2014	00:05	0	---	11/07/2014	04:45	0	SE
11/07/2014	00:10	1	WNW	11/07/2014	04:50	1	SE
11/07/2014	00:15	0	WNW	11/07/2014	04:55	0	---
11/07/2014	00:20	1	NW	11/07/2014	05:00	0	E
11/07/2014	00:25	0	NW	11/07/2014	05:05	2	ENE
11/07/2014	00:30	1	NW	11/07/2014	05:10	2	ENE
11/07/2014	00:35	0	NW	11/07/2014	05:15	0	ENE
11/07/2014	00:40	1	WNW	11/07/2014	05:20	0	---
11/07/2014	00:45	2	NW	11/07/2014	05:25	0	ENE
11/07/2014	00:50	2	NW	11/07/2014	05:30	1	ENE
11/07/2014	00:55	0	WNW	11/07/2014	05:35	1	ESE
11/07/2014	01:00	0	---	11/07/2014	05:40	1	ESE
11/07/2014	01:05	0	---	11/07/2014	05:45	3	ESE
11/07/2014	01:10	0	---	11/07/2014	05:50	3	SE
11/07/2014	01:15	0	---	11/07/2014	05:55	2	SE
11/07/2014	01:20	0	---	11/07/2014	06:00	3	ESE
11/07/2014	01:25	0	---	11/07/2014	06:05	2	ESE
11/07/2014	01:30	0	---	11/07/2014	06:10	3	E
11/07/2014	01:35	1	E	11/07/2014	06:15	3	ESE
11/07/2014	01:40	2	ENE	11/07/2014	06:20	4	ESE
11/07/2014	01:45	1	NNE	11/07/2014	06:25	4	ESE
11/07/2014	01:50	2	NNE	11/07/2014	06:30	3	ESE
11/07/2014	01:55	0	ENE	11/07/2014	06:35	4	ESE
11/07/2014	02:00	0	ESE	11/07/2014	06:40	4	ESE
11/07/2014	02:05	0	N	11/07/2014	06:45	4	SE
11/07/2014	02:10	1	SSE	11/07/2014	06:50	4	ESE
11/07/2014	02:15	4	SE	11/07/2014	06:55	5	ESE
11/07/2014	02:20	8	SE	11/07/2014	07:00	3	ESE

Extracted from the weather station at Tung Chung China State Site Office Rooftop

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
11/07/2014	07:05	1	WNW	11/07/2014	11:45	3	ESE
11/07/2014	07:10	3	NE	11/07/2014	11:50	1	ESE
11/07/2014	07:15	4	NE	11/07/2014	11:55	2	ESE
11/07/2014	07:20	3	NNE	11/07/2014	12:00	2	ENE
11/07/2014	07:25	3	NE	11/07/2014	12:05	2	NNE
11/07/2014	07:30	4	N	11/07/2014	12:10	3	NNE
11/07/2014	07:35	4	N	11/07/2014	12:15	2	NNE
11/07/2014	07:40	7	NNW	11/07/2014	12:20	3	E
11/07/2014	07:45	6	NNW	11/07/2014	12:25	4	ESE
11/07/2014	07:50	6	NNW	11/07/2014	12:30	3	E
11/07/2014	07:55	3	N	11/07/2014	12:35	5	ESE
11/07/2014	08:00	2	N	11/07/2014	12:40	4	SE
11/07/2014	08:05	1	N	11/07/2014	12:45	4	ESE
11/07/2014	08:10	0	N	11/07/2014	12:50	4	E
11/07/2014	08:15	1	N	11/07/2014	12:55	3	ENE
11/07/2014	08:20	1	N	11/07/2014	13:00	6	E
11/07/2014	08:25	2	N	11/07/2014	13:05	4	E
11/07/2014	08:30	2	N	11/07/2014	13:10	4	ESE
11/07/2014	08:35	4	N	11/07/2014	13:15	4	ESE
11/07/2014	08:40	5	N	11/07/2014	13:20	3	E
11/07/2014	08:45	4	N	11/07/2014	13:25	3	E
11/07/2014	08:50	4	NNE	11/07/2014	13:30	3	E
11/07/2014	08:55	2	NNE	11/07/2014	13:35	2	NNE
11/07/2014	09:00	3	NE	11/07/2014	13:40	2	ENE
11/07/2014	09:05	4	ESE	11/07/2014	13:45	2	ENE
11/07/2014	09:10	5	ESE	11/07/2014	13:50	4	ENE
11/07/2014	09:15	3	ESE	11/07/2014	13:55	3	NNE
11/07/2014	09:20	3	SE	11/07/2014	14:00	4	SE
11/07/2014	09:25	6	ESE	11/07/2014	14:05	2	SE
11/07/2014	09:30	5	SE	11/07/2014	14:10	4	SSE
11/07/2014	09:35	4	SE	11/07/2014	14:15	5	N
11/07/2014	09:40	4	ESE	11/07/2014	14:20	5	NNW
11/07/2014	09:45	4	ESE	11/07/2014	14:25	4	NNE
11/07/2014	09:50	5	ESE	11/07/2014	14:30	4	NNE
11/07/2014	09:55	5	ESE	11/07/2014	14:35	4	N
11/07/2014	10:00	6	ESE	11/07/2014	14:40	4	NNW
11/07/2014	10:05	5	ESE	11/07/2014	14:45	3	NW
11/07/2014	10:10	6	SE	11/07/2014	14:50	5	NNW
11/07/2014	10:15	4	SE	11/07/2014	14:55	4	NW
11/07/2014	10:20	6	SE	11/07/2014	15:00	5	NW
11/07/2014	10:25	7	ESE	11/07/2014	15:05	2	WNW
11/07/2014	10:30	6	ESE	11/07/2014	15:10	1	NNE
11/07/2014	10:35	4	E	11/07/2014	15:15	1	NE
11/07/2014	10:40	3	ESE	11/07/2014	15:20	2	NE
11/07/2014	10:45	3	E	11/07/2014	15:25	3	N
11/07/2014	10:50	4	E	11/07/2014	15:30	4	NW
11/07/2014	10:55	4	ESE	11/07/2014	15:35	2	NNW
11/07/2014	11:00	2	E	11/07/2014	15:40	2	NW
11/07/2014	11:05	1	E	11/07/2014	15:45	2	SSE
11/07/2014	11:10	1	E	11/07/2014	15:50	2	SE
11/07/2014	11:15	2	SE	11/07/2014	15:55	2	SSW
11/07/2014	11:20	3	E	11/07/2014	16:00	1	SSW
11/07/2014	11:25	4	E	11/07/2014	16:05	1	SSW
11/07/2014	11:30	2	SE	11/07/2014	16:10	2	E
11/07/2014	11:35	3	ESE	11/07/2014	16:15	2	SE
11/07/2014	11:40	3	E	11/07/2014	16:20	1	SSW

Extracted from the weather station at Tung Chung China State Site Office Rooftop

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
11/07/2014	16:25	2	S
11/07/2014	16:30	1	S
11/07/2014	16:35	1	SE
11/07/2014	16:40	1	SE
11/07/2014	16:45	1	SE
11/07/2014	16:50	1	SSE
11/07/2014	16:55	0	NE
11/07/2014	17:00	0	ESE
11/07/2014	17:05	2	SSE
11/07/2014	17:10	2	S
11/07/2014	17:15	2	S
11/07/2014	17:20	1	S
11/07/2014	17:25	2	S
11/07/2014	17:30	2	SSW
11/07/2014	17:35	0	SSW
11/07/2014	17:40	0	SSW
11/07/2014	17:45	0	---
11/07/2014	17:50	0	SSW
11/07/2014	17:55	0	---
11/07/2014	18:00	0	---
11/07/2014	18:05	0	---
11/07/2014	18:10	0	---
11/07/2014	18:15	0	---
11/07/2014	18:20	1	NNW
11/07/2014	18:25	1	NNW
11/07/2014	18:30	2	N
11/07/2014	18:35	1	N
11/07/2014	18:40	0	N
11/07/2014	18:45	1	N
11/07/2014	18:50	1	N
11/07/2014	18:55	0	---
11/07/2014	19:00	0	---
11/07/2014	19:05	1	SSE
11/07/2014	19:10	0	SSE
11/07/2014	19:15	1	E
11/07/2014	19:20	1	E
11/07/2014	19:25	0	---
11/07/2014	19:30	0	---
11/07/2014	19:35	0	---
11/07/2014	19:40	1	SSE
11/07/2014	19:45	0	SSW
11/07/2014	19:50	1	SSW
11/07/2014	19:55	0	E
11/07/2014	20:00	1	S
11/07/2014	20:05	0	SSW
11/07/2014	20:10	0	SSW
11/07/2014	20:15	0	SSW
11/07/2014	20:20	0	E
11/07/2014	20:25	0	E
11/07/2014	20:30	0	---
11/07/2014	20:35	0	---
11/07/2014	20:40	0	---
11/07/2014	20:45	2	WNW
11/07/2014	20:50	2	E
11/07/2014	20:55	3	ESE
11/07/2014	21:00	1	SE
11/07/2014	21:05	5	SE
11/07/2014	21:10	5	SE
11/07/2014	21:15	5	SE
11/07/2014	21:20	4	SSE
11/07/2014	21:25	1	SSW
11/07/2014	21:30	1	W
11/07/2014	21:35	0	SE
11/07/2014	21:40	1	ENE
11/07/2014	21:45	2	E
11/07/2014	21:50	4	ESE
11/07/2014	21:55	2	ESE
11/07/2014	22:00	3	SSE
11/07/2014	22:05	3	SE
11/07/2014	22:10	1	N
11/07/2014	22:15	0	NE
11/07/2014	22:20	0	---
11/07/2014	22:25	0	---
11/07/2014	22:30	0	ENE
11/07/2014	22:35	2	ENE
11/07/2014	22:40	2	E
11/07/2014	22:45	4	ESE
11/07/2014	22:50	2	E
11/07/2014	22:55	5	ESE
11/07/2014	23:00	5	ESE
11/07/2014	23:05	1	SSW
11/07/2014	23:10	3	SE
11/07/2014	23:15	1	SSE
11/07/2014	23:20	0	SSE
11/07/2014	23:25	2	SE
11/07/2014	23:30	1	SSE
11/07/2014	23:35	2	SE
11/07/2014	23:40	4	SE
11/07/2014	23:45	3	SSE
11/07/2014	23:50	2	ESE
11/07/2014	23:55	5	ESE
12/07/2014	00:00	8	SE
12/07/2014	00:05	3	ESE
12/07/2014	00:10	3	ESE
12/07/2014	00:15	3	SE
12/07/2014	00:20	4	ESE
12/07/2014	00:25	2	SE
12/07/2014	00:30	6	SSE
12/07/2014	00:35	1	SSE
12/07/2014	00:40	0	SSE
12/07/2014	00:45	4	SE
12/07/2014	00:50	1	SE
12/07/2014	00:55	2	SE
12/07/2014	01:00	3	SSE
12/07/2014	01:05	2	WNW
12/07/2014	01:10	2	ENE
12/07/2014	01:15	5	ESE
12/07/2014	01:20	3	ESE
12/07/2014	01:25	3	ESE
12/07/2014	01:30	4	ESE
12/07/2014	01:35	3	NE
12/07/2014	01:40	1	S

Extracted from the weather station at Tung Chung China State Site Office Rooftop

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
12/07/2014	01:45	6	SSE	12/07/2014	06:25	1	WNW
12/07/2014	01:50	3	SE	12/07/2014	06:30	4	NE
12/07/2014	01:55	5	SSE	12/07/2014	06:35	6	ENE
12/07/2014	02:00	3	S	12/07/2014	06:40	5	E
12/07/2014	02:05	1	S	12/07/2014	06:45	4	ESE
12/07/2014	02:10	3	S	12/07/2014	06:50	1	SE
12/07/2014	02:15	2	SSE	12/07/2014	06:55	1	WNW
12/07/2014	02:20	1	W	12/07/2014	07:00	3	ENE
12/07/2014	02:25	3	SSW	12/07/2014	07:05	5	NNE
12/07/2014	02:30	4	SSW	12/07/2014	07:10	4	E
12/07/2014	02:35	1	E	12/07/2014	07:15	2	ENE
12/07/2014	02:40	1	SE	12/07/2014	07:20	4	SSE
12/07/2014	02:45	1	SE	12/07/2014	07:25	2	ESE
12/07/2014	02:50	1	S	12/07/2014	07:30	4	SE
12/07/2014	02:55	1	NNE	12/07/2014	07:35	4	SSE
12/07/2014	03:00	3	N	12/07/2014	07:40	5	NNE
12/07/2014	03:05	0	SSE	12/07/2014	07:45	3	NW
12/07/2014	03:10	0	---	12/07/2014	07:50	5	ESE
12/07/2014	03:15	0	NNE	12/07/2014	07:55	6	SSE
12/07/2014	03:20	3	NNE	12/07/2014	08:00	4	SSE
12/07/2014	03:25	2	NNE	12/07/2014	08:05	8	SSE
12/07/2014	03:30	2	NE	12/07/2014	08:10	6	SE
12/07/2014	03:35	3	N	12/07/2014	08:15	8	SSE
12/07/2014	03:40	2	NE	12/07/2014	08:20	9	SSE
12/07/2014	03:45	2	NE	12/07/2014	08:25	11	SSE
12/07/2014	03:50	2	ESE	12/07/2014	08:30	7	SSE
12/07/2014	03:55	3	N	12/07/2014	08:35	4	ESE
12/07/2014	04:00	4	NNW	12/07/2014	08:40	7	SSE
12/07/2014	04:05	2	E	12/07/2014	08:45	4	SSE
12/07/2014	04:10	3	NNW	12/07/2014	08:50	5	SSE
12/07/2014	04:15	1	W	12/07/2014	08:55	4	E
12/07/2014	04:20	0	ENE	12/07/2014	09:00	5	SE
12/07/2014	04:25	0	---	12/07/2014	09:05	7	SSE
12/07/2014	04:30	1	ENE	12/07/2014	09:10	5	E
12/07/2014	04:35	1	E	12/07/2014	09:15	6	ESE
12/07/2014	04:40	0	E	12/07/2014	09:20	5	SSE
12/07/2014	04:45	1	E	12/07/2014	09:25	2	SSE
12/07/2014	04:50	2	ESE	12/07/2014	09:30	2	E
12/07/2014	04:55	3	ENE	12/07/2014	09:35	3	E
12/07/2014	05:00	2	ENE	12/07/2014	09:40	3	SSE
12/07/2014	05:05	3	NNE	12/07/2014	09:45	3	SE
12/07/2014	05:10	3	NNE	12/07/2014	09:50	3	ESE
12/07/2014	05:15	4	NW	12/07/2014	09:55	4	N
12/07/2014	05:20	3	NNW	12/07/2014	10:00	5	SSE
12/07/2014	05:25	4	NNE	12/07/2014	10:05	2	ESE
12/07/2014	05:30	5	N	12/07/2014	10:10	4	ENE
12/07/2014	05:35	5	NNW	12/07/2014	10:15	4	SSE
12/07/2014	05:40	5	NNE	12/07/2014	10:20	3	E
12/07/2014	05:45	5	NNE	12/07/2014	10:25	4	E
12/07/2014	05:50	3	NE	12/07/2014	10:30	4	SE
12/07/2014	05:55	4	N	12/07/2014	10:35	5	SE
12/07/2014	06:00	2	N	12/07/2014	10:40	5	N
12/07/2014	06:05	3	WNW	12/07/2014	10:45	6	NE
12/07/2014	06:10	5	SE	12/07/2014	10:50	5	NNW
12/07/2014	06:15	3	SSE	12/07/2014	10:55	4	N
12/07/2014	06:20	3	NW	12/07/2014	11:00	3	N

Extracted from the weather station at Tung Chung China State Site Office Rooftop

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
12/07/2014	11:05	3	NNW	12/07/2014	15:45	3	N
12/07/2014	11:10	4	NNW	12/07/2014	15:50	4	NW
12/07/2014	11:15	4	NNE	12/07/2014	15:55	2	NNW
12/07/2014	11:20	6	N	12/07/2014	16:00	2	SSW
12/07/2014	11:25	5	E	12/07/2014	16:05	0	SSW
12/07/2014	11:30	5	N	12/07/2014	16:10	0	SSW
12/07/2014	11:35	9	NNW	12/07/2014	16:15	0	---
12/07/2014	11:40	5	NNE	12/07/2014	16:20	2	ESE
12/07/2014	11:45	2	ENE	12/07/2014	16:25	1	ESE
12/07/2014	11:50	3	NNE	12/07/2014	16:30	0	WSW
12/07/2014	11:55	3	ENE	12/07/2014	16:35	1	S
12/07/2014	12:00	4	NNW	12/07/2014	16:40	1	S
12/07/2014	12:05	8	NNW	12/07/2014	16:45	2	S
12/07/2014	12:10	5	NNE	12/07/2014	16:50	0	S
12/07/2014	12:15	10	NNW	12/07/2014	16:55	0	---
12/07/2014	12:20	10	NNW	12/07/2014	17:00	0	---
12/07/2014	12:25	7	NNW	12/07/2014	17:05	0	---
12/07/2014	12:30	6	N	12/07/2014	17:10	0	---
12/07/2014	12:35	5	N	12/07/2014	17:15	2	NNW
12/07/2014	12:40	8	N	12/07/2014	17:20	2	SSW
12/07/2014	12:45	5	ESE	12/07/2014	17:25	4	NW
12/07/2014	12:50	2	S	12/07/2014	17:30	3	N
12/07/2014	12:55	1	S	12/07/2014	17:35	3	NNE
12/07/2014	13:00	3	ESE	12/07/2014	17:40	0	NNE
12/07/2014	13:05	3	ENE	12/07/2014	17:45	1	SSE
12/07/2014	13:10	2	N	12/07/2014	17:50	1	S
12/07/2014	13:15	1	N	12/07/2014	17:55	3	E
12/07/2014	13:20	2	ESE	12/07/2014	18:00	2	N
12/07/2014	13:25	1	ESE	12/07/2014	18:05	2	SW
12/07/2014	13:30	2	SW	12/07/2014	18:10	1	SW
12/07/2014	13:35	2	NE	12/07/2014	18:15	1	E
12/07/2014	13:40	2	WNW	12/07/2014	18:20	0	SSW
12/07/2014	13:45	1	N	12/07/2014	18:25	2	SSE
12/07/2014	13:50	1	SSE	12/07/2014	18:30	0	SSW
12/07/2014	13:55	0	SSW	12/07/2014	18:35	2	S
12/07/2014	14:00	1	SSW	12/07/2014	18:40	1	S
12/07/2014	14:05	0	S	12/07/2014	18:45	1	E
12/07/2014	14:10	1	SSE	12/07/2014	18:50	1	ESE
12/07/2014	14:15	2	SSW	12/07/2014	18:55	0	---
12/07/2014	14:20	4	WNW	12/07/2014	19:00	1	ESE
12/07/2014	14:25	4	N	12/07/2014	19:05	1	S
12/07/2014	14:30	4	S	12/07/2014	19:10	0	---
12/07/2014	14:35	3	ESE	12/07/2014	19:15	0	S
12/07/2014	14:40	5	N	12/07/2014	19:20	0	S
12/07/2014	14:45	6	WNW	12/07/2014	19:25	1	SE
12/07/2014	14:50	7	NW	12/07/2014	19:30	0	SE
12/07/2014	14:55	5	N	12/07/2014	19:35	0	---
12/07/2014	15:00	3	SE	12/07/2014	19:40	1	SSE
12/07/2014	15:05	1	SE	12/07/2014	19:45	1	SSE
12/07/2014	15:10	3	E	12/07/2014	19:50	0	SW
12/07/2014	15:15	5	NNW	12/07/2014	19:55	0	ESE
12/07/2014	15:20	6	NW	12/07/2014	20:00	2	E
12/07/2014	15:25	6	NNW	12/07/2014	20:05	1	N
12/07/2014	15:30	6	NW	12/07/2014	20:10	0	---
12/07/2014	15:35	6	N	12/07/2014	20:15	0	---
12/07/2014	15:40	5	NNW	12/07/2014	20:20	0	E

Extracted from the weather station at Tung Chung China State Site Office Rooftop

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
12/07/2014	20:25	0	E
12/07/2014	20:30	1	ESE
12/07/2014	20:35	3	ENE
12/07/2014	20:40	1	WSW
12/07/2014	20:45	2	E
12/07/2014	20:50	2	ENE
12/07/2014	20:55	0	W
12/07/2014	21:00	2	ESE
12/07/2014	21:05	2	ESE
12/07/2014	21:10	1	E
12/07/2014	21:15	2	NE
12/07/2014	21:20	2	WNW
12/07/2014	21:25	2	WNW
12/07/2014	21:30	1	E
12/07/2014	21:35	3	NE
12/07/2014	21:40	1	NNW
12/07/2014	21:45	2	NNW
12/07/2014	21:50	2	S
12/07/2014	21:55	2	ESE
12/07/2014	22:00	1	SSE
12/07/2014	22:05	2	SSE
12/07/2014	22:10	3	ENE
12/07/2014	22:15	3	S
12/07/2014	22:20	1	SE
12/07/2014	22:25	3	N
12/07/2014	22:30	1	SSW
12/07/2014	22:35	0	S
12/07/2014	22:40	0	S
12/07/2014	22:45	0	---
12/07/2014	22:50	0	S
12/07/2014	22:55	0	S
12/07/2014	23:00	4	S
12/07/2014	23:05	2	SE
12/07/2014	23:10	1	SSE
12/07/2014	23:15	0	---
12/07/2014	23:20	0	---
12/07/2014	23:25	1	SSE
12/07/2014	23:30	1	SSE
12/07/2014	23:35	3	E
12/07/2014	23:40	1	WNW
12/07/2014	23:45	5	SSE
12/07/2014	23:50	2	WSW
12/07/2014	23:55	1	SE
13/07/2014	00:00	2	S
13/07/2014	00:05	3	SSE
13/07/2014	00:10	1	SSE
13/07/2014	00:15	2	E
13/07/2014	00:20	1	S
13/07/2014	00:25	4	ESE
13/07/2014	00:30	2	SSE
13/07/2014	00:35	2	SSW
13/07/2014	00:40	2	SSW
13/07/2014	00:45	0	SSW
13/07/2014	00:50	0	---
13/07/2014	00:55	2	NNE
13/07/2014	01:00	4	N
13/07/2014	01:05	5	NNW
13/07/2014	01:10	3	E
13/07/2014	01:15	2	ESE
13/07/2014	01:20	4	ESE
13/07/2014	01:25	2	NE
13/07/2014	01:30	4	NNW
13/07/2014	01:35	5	N
13/07/2014	01:40	4	NW
13/07/2014	01:45	2	NNW
13/07/2014	01:50	2	NW
13/07/2014	01:55	4	NNE
13/07/2014	02:00	2	NNE
13/07/2014	02:05	0	S
13/07/2014	02:10	3	ENE
13/07/2014	02:15	3	NNW
13/07/2014	02:20	3	SE
13/07/2014	02:25	2	S
13/07/2014	02:30	2	NE
13/07/2014	02:35	2	S
13/07/2014	02:40	3	N
13/07/2014	02:45	4	NNE
13/07/2014	02:50	5	N
13/07/2014	02:55	4	NNW
13/07/2014	03:00	1	SE
13/07/2014	03:05	2	NW
13/07/2014	03:10	3	NE
13/07/2014	03:15	2	NE
13/07/2014	03:20	3	SSW
13/07/2014	03:25	0	SE
13/07/2014	03:30	2	NE
13/07/2014	03:35	0	ENE
13/07/2014	03:40	2	ENE
13/07/2014	03:45	4	NNE
13/07/2014	03:50	1	NNE
13/07/2014	03:55	1	NE
13/07/2014	04:00	2	ENE
13/07/2014	04:05	4	N
13/07/2014	04:10	3	NE
13/07/2014	04:15	2	NE
13/07/2014	04:20	3	NE
13/07/2014	04:25	2	SE
13/07/2014	04:30	1	ESE
13/07/2014	04:35	2	E
13/07/2014	04:40	3	ENE
13/07/2014	04:45	3	ENE
13/07/2014	04:50	4	ENE
13/07/2014	04:55	2	SE
13/07/2014	05:00	1	SE
13/07/2014	05:05	4	SE
13/07/2014	05:10	2	S
13/07/2014	05:15	3	E
13/07/2014	05:20	4	SSE
13/07/2014	05:25	4	E
13/07/2014	05:30	4	NW
13/07/2014	05:35	3	ESE
13/07/2014	05:40	3	SE

Extracted from the weather station at Tung Chung China State Site Office Rooftop

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
13/07/2014	05:45	3	ENE	13/07/2014	10:25	5	ESE
13/07/2014	05:50	4	SSE	13/07/2014	10:30	5	ENE
13/07/2014	05:55	3	ESE	13/07/2014	10:35	8	NNW
13/07/2014	06:00	3	NE	13/07/2014	10:40	8	NW
13/07/2014	06:05	4	S	13/07/2014	10:45	7	NNE
13/07/2014	06:10	5	SE	13/07/2014	10:50	7	NW
13/07/2014	06:15	3	SE	13/07/2014	10:55	6	NNW
13/07/2014	06:20	3	E	13/07/2014	11:00	3	NE
13/07/2014	06:25	4	NW	13/07/2014	11:05	0	---
13/07/2014	06:30	3	SE	13/07/2014	11:10	4	NE
13/07/2014	06:35	4	NW	13/07/2014	11:15	3	NNE
13/07/2014	06:40	6	NW	13/07/2014	11:20	6	NNW
13/07/2014	06:45	4	N	13/07/2014	11:25	6	NNW
13/07/2014	06:50	3	NW	13/07/2014	11:30	7	NW
13/07/2014	06:55	3	NW	13/07/2014	11:35	8	N
13/07/2014	07:00	9	NNW	13/07/2014	11:40	5	ESE
13/07/2014	07:05	9	NNW	13/07/2014	11:45	4	N
13/07/2014	07:10	6	NNW	13/07/2014	11:50	3	SE
13/07/2014	07:15	6	NNW	13/07/2014	11:55	2	SE
13/07/2014	07:20	5	N	13/07/2014	12:00	3	SE
13/07/2014	07:25	7	NNW	13/07/2014	12:05	3	ESE
13/07/2014	07:30	6	NNW	13/07/2014	12:10	3	E
13/07/2014	07:35	5	N	13/07/2014	12:15	5	SE
13/07/2014	07:40	6	N	13/07/2014	12:20	5	NNE
13/07/2014	07:45	7	NNE	13/07/2014	12:25	6	N
13/07/2014	07:50	3	NNE	13/07/2014	12:30	3	NNW
13/07/2014	07:55	6	N	13/07/2014	12:35	5	N
13/07/2014	08:00	4	NNW	13/07/2014	12:40	6	N
13/07/2014	08:05	3	ESE	13/07/2014	12:45	5	NNE
13/07/2014	08:10	6	NNE	13/07/2014	12:50	3	NE
13/07/2014	08:15	4	NW	13/07/2014	12:55	3	SE
13/07/2014	08:20	3	NW	13/07/2014	13:00	4	SE
13/07/2014	08:25	7	N	13/07/2014	13:05	4	SSE
13/07/2014	08:30	4	N	13/07/2014	13:10	4	SSE
13/07/2014	08:35	4	E	13/07/2014	13:15	3	E
13/07/2014	08:40	3	N	13/07/2014	13:20	4	SE
13/07/2014	08:45	3	S	13/07/2014	13:25	3	SSE
13/07/2014	08:50	3	ESE	13/07/2014	13:30	3	NNW
13/07/2014	08:55	4	E	13/07/2014	13:35	4	SSE
13/07/2014	09:00	4	E	13/07/2014	13:40	4	ESE
13/07/2014	09:05	6	ESE	13/07/2014	13:45	4	SE
13/07/2014	09:10	6	ENE	13/07/2014	13:50	3	SE
13/07/2014	09:15	4	E	13/07/2014	13:55	3	SE
13/07/2014	09:20	4	SE	13/07/2014	14:00	3	S
13/07/2014	09:25	4	ENE	13/07/2014	14:05	3	ESE
13/07/2014	09:30	3	SSW	13/07/2014	14:10	3	ENE
13/07/2014	09:35	2	SSW	13/07/2014	14:15	3	NE
13/07/2014	09:40	4	ESE	13/07/2014	14:20	5	NNW
13/07/2014	09:45	3	ESE	13/07/2014	14:25	3	SSW
13/07/2014	09:50	3	ENE	13/07/2014	14:30	5	E
13/07/2014	09:55	5	ESE	13/07/2014	14:35	4	NNE
13/07/2014	10:00	4	SSE	13/07/2014	14:40	5	ESE
13/07/2014	10:05	5	ENE	13/07/2014	14:45	3	S
13/07/2014	10:10	4	ENE	13/07/2014	14:50	2	NNE
13/07/2014	10:15	6	E	13/07/2014	14:55	2	NE
13/07/2014	10:20	6	NE	13/07/2014	15:00	3	NNE

Extracted from the weather station at Tung Chung China State Site Office Rooftop

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
13/07/2014	15:05	3	NNE	13/07/2014	19:45	2	NE
13/07/2014	15:10	3	NE	13/07/2014	19:50	3	E
13/07/2014	15:15	4	ENE	13/07/2014	19:55	4	E
13/07/2014	15:20	3	S	13/07/2014	20:00	3	SSE
13/07/2014	15:25	2	SE	13/07/2014	20:05	3	ENE
13/07/2014	15:30	3	S	13/07/2014	20:10	5	N
13/07/2014	15:35	3	SSW	13/07/2014	20:15	4	N
13/07/2014	15:40	2	SSW	13/07/2014	20:20	2	E
13/07/2014	15:45	4	SSE	13/07/2014	20:25	2	ENE
13/07/2014	15:50	4	NNW	13/07/2014	20:30	2	SSE
13/07/2014	15:55	6	NW	13/07/2014	20:35	2	S
13/07/2014	16:00	3	N	13/07/2014	20:40	2	SSE
13/07/2014	16:05	4	NNW	13/07/2014	20:45	3	SSE
13/07/2014	16:10	2	N	13/07/2014	20:50	2	S
13/07/2014	16:15	4	SSE	13/07/2014	20:55	3	SSE
13/07/2014	16:20	3	SSE	13/07/2014	21:00	2	SSW
13/07/2014	16:25	3	NNE	13/07/2014	21:05	0	ESE
13/07/2014	16:30	2	NNE	13/07/2014	21:10	1	ESE
13/07/2014	16:35	3	ESE	13/07/2014	21:15	1	E
13/07/2014	16:40	4	ENE	13/07/2014	21:20	2	NW
13/07/2014	16:45	3	SE	13/07/2014	21:25	4	NE
13/07/2014	16:50	3	SSW	13/07/2014	21:30	2	NNW
13/07/2014	16:55	2	SE	13/07/2014	21:35	2	NNW
13/07/2014	17:00	2	SSE	13/07/2014	21:40	2	N
13/07/2014	17:05	3	SSE	13/07/2014	21:45	4	NW
13/07/2014	17:10	3	NE	13/07/2014	21:50	0	WNW
13/07/2014	17:15	3	N	13/07/2014	21:55	1	WNW
13/07/2014	17:20	4	NNW	13/07/2014	22:00	2	WNW
13/07/2014	17:25	5	N	13/07/2014	22:05	2	NNE
13/07/2014	17:30	4	N	13/07/2014	22:10	3	ESE
13/07/2014	17:35	4	NW	13/07/2014	22:15	0	SSW
13/07/2014	17:40	3	NNE	13/07/2014	22:20	2	S
13/07/2014	17:45	3	N	13/07/2014	22:25	3	S
13/07/2014	17:50	3	N	13/07/2014	22:30	2	ESE
13/07/2014	17:55	1	N	13/07/2014	22:35	2	ENE
13/07/2014	18:00	1	S	13/07/2014	22:40	1	SSE
13/07/2014	18:05	1	S	13/07/2014	22:45	3	ESE
13/07/2014	18:10	2	SSE	13/07/2014	22:50	3	SSE
13/07/2014	18:15	3	S	13/07/2014	22:55	2	NE
13/07/2014	18:20	3	N	13/07/2014	23:00	1	SE
13/07/2014	18:25	2	N	13/07/2014	23:05	3	SE
13/07/2014	18:30	2	N	13/07/2014	23:10	4	SSE
13/07/2014	18:35	1	N	13/07/2014	23:15	3	ENE
13/07/2014	18:40	2	SE	13/07/2014	23:20	2	SSE
13/07/2014	18:45	2	E	13/07/2014	23:25	2	SSE
13/07/2014	18:50	3	ENE	13/07/2014	23:30	2	ENE
13/07/2014	18:55	4	S	13/07/2014	23:35	2	N
13/07/2014	19:00	3	SSE	13/07/2014	23:40	0	---
13/07/2014	19:05	2	SE	13/07/2014	23:45	2	NNE
13/07/2014	19:10	4	N	13/07/2014	23:50	2	SSE
13/07/2014	19:15	3	SE	13/07/2014	23:55	3	ESE
13/07/2014	19:20	3	NNE	14/07/2014	00:00	2	SE
13/07/2014	19:25	2	E	14/07/2014	00:05	3	E
13/07/2014	19:30	3	ESE	14/07/2014	00:10	4	ESE
13/07/2014	19:35	3	NNE	14/07/2014	00:15	3	ESE
13/07/2014	19:40	3	NE	14/07/2014	00:20	3	E

Extracted from the weather station at Tung Chung China State Site Office Rooftop

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
14/07/2014	00:25	3	E	14/07/2014	05:05	6	NNW
14/07/2014	00:30	2	SE	14/07/2014	05:10	5	N
14/07/2014	00:35	5	ESE	14/07/2014	05:15	2	NNE
14/07/2014	00:40	3	SE	14/07/2014	05:20	4	NNW
14/07/2014	00:45	3	ESE	14/07/2014	05:25	4	NNW
14/07/2014	00:50	4	SSE	14/07/2014	05:30	2	NW
14/07/2014	00:55	3	ESE	14/07/2014	05:35	3	NNE
14/07/2014	01:00	2	SE	14/07/2014	05:40	3	N
14/07/2014	01:05	4	S	14/07/2014	05:45	3	N
14/07/2014	01:10	4	E	14/07/2014	05:50	4	NNW
14/07/2014	01:15	3	NE	14/07/2014	05:55	5	N
14/07/2014	01:20	4	N	14/07/2014	06:00	2	SE
14/07/2014	01:25	4	NW	14/07/2014	06:05	4	SE
14/07/2014	01:30	4	NNE	14/07/2014	06:10	3	NE
14/07/2014	01:35	2	NE	14/07/2014	06:15	2	ESE
14/07/2014	01:40	1	N	14/07/2014	06:20	5	SE
14/07/2014	01:45	3	N	14/07/2014	06:25	2	E
14/07/2014	01:50	3	N	14/07/2014	06:30	5	ESE
14/07/2014	01:55	3	NNE	14/07/2014	06:35	3	S
14/07/2014	02:00	3	N	14/07/2014	06:40	3	SE
14/07/2014	02:05	4	NNW	14/07/2014	06:45	5	SE
14/07/2014	02:10	3	NNW	14/07/2014	06:50	3	E
14/07/2014	02:15	3	N	14/07/2014	06:55	4	ESE
14/07/2014	02:20	2	NNW	14/07/2014	07:00	4	N
14/07/2014	02:25	3	NNW	22/07/2014	08:20	5	NNW
14/07/2014	02:30	3	N	22/07/2014	08:25	4	NW
14/07/2014	02:35	3	N	22/07/2014	08:30	3	NW
14/07/2014	02:40	3	N	22/07/2014	08:35	4	NNW
14/07/2014	02:45	3	NNE	22/07/2014	08:40	3	NNW
14/07/2014	02:50	3	N	22/07/2014	08:45	4	NNW
14/07/2014	02:55	3	N	22/07/2014	08:50	4	NW
14/07/2014	03:00	2	NNE	22/07/2014	08:55	4	N
14/07/2014	03:05	3	N	22/07/2014	09:00	3	N
14/07/2014	03:10	2	N	22/07/2014	09:05	4	N
14/07/2014	03:15	2	NNW	22/07/2014	09:10	4	NNW
14/07/2014	03:20	4	NNW	22/07/2014	09:15	5	N
14/07/2014	03:25	4	NNW	22/07/2014	09:20	5	NNW
14/07/2014	03:30	4	NNE	22/07/2014	09:25	5	N
14/07/2014	03:35	3	NE	22/07/2014	09:30	4	N
14/07/2014	03:40	2	NNW	22/07/2014	09:35	4	NNW
14/07/2014	03:45	3	N	22/07/2014	09:40	5	NNW
14/07/2014	03:50	3	N	22/07/2014	09:45	4	NNW
14/07/2014	03:55	4	ENE	22/07/2014	09:50	4	N
14/07/2014	04:00	5	WNW	22/07/2014	09:55	4	N
14/07/2014	04:05	5	NNW	22/07/2014	10:00	5	NE
14/07/2014	04:10	5	ESE	22/07/2014	10:05	5	NNE
14/07/2014	04:15	3	NE	22/07/2014	10:10	5	NNE
14/07/2014	04:20	4	NW	22/07/2014	10:15	5	NE
14/07/2014	04:25	3	NNW	22/07/2014	10:20	4	NNE
14/07/2014	04:30	2	N	22/07/2014	10:25	5	N
14/07/2014	04:35	3	N	22/07/2014	10:30	5	N
14/07/2014	04:40	4	E	22/07/2014	10:35	5	N
14/07/2014	04:45	1	ESE	22/07/2014	10:40	6	NW
14/07/2014	04:50	2	NE	22/07/2014	10:45	5	NNW
14/07/2014	04:55	6	NNW	22/07/2014	10:50	4	NW
14/07/2014	05:00	4	NNW	22/07/2014	10:55	6	NNW

Extracted from the weather station at Tung Chung China State Site Office Rooftop

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
22/07/2014	11:00	6	N	22/07/2014	15:40	1	E
22/07/2014	11:05	6	NNW	22/07/2014	15:45	2	E
22/07/2014	11:10	6	NW	22/07/2014	15:50	2	ESE
22/07/2014	11:15	4	WNW	22/07/2014	15:55	3	ESE
22/07/2014	11:20	5	NNW	22/07/2014	16:00	3	SE
22/07/2014	11:25	6	NW	22/07/2014	16:05	3	SE
22/07/2014	11:30	5	NNW	22/07/2014	16:10	4	SE
22/07/2014	11:35	6	NNW	22/07/2014	16:15	3	SE
22/07/2014	11:40	3	N	22/07/2014	16:20	3	SE
22/07/2014	11:45	5	NNW	22/07/2014	16:25	3	SE
22/07/2014	11:50	6	NW	22/07/2014	16:30	2	SE
22/07/2014	11:55	7	NW	22/07/2014	16:35	2	ENE
22/07/2014	12:00	5	NNW	22/07/2014	16:40	1	ENE
22/07/2014	12:05	5	NW	22/07/2014	16:45	0	ENE
22/07/2014	12:10	4	NW	22/07/2014	16:50	0	---
22/07/2014	12:15	5	NW	22/07/2014	16:55	0	---
22/07/2014	12:20	4	WNW	22/07/2014	17:00	0	---
22/07/2014	12:25	4	N	22/07/2014	17:05	0	---
22/07/2014	12:30	3	N	22/07/2014	17:10	0	---
22/07/2014	12:35	2	NNE	22/07/2014	17:15	0	ESE
22/07/2014	12:40	2	NNE	22/07/2014	17:20	1	ESE
22/07/2014	12:45	3	N	22/07/2014	17:25	0	---
22/07/2014	12:50	2	ENE	22/07/2014	17:30	0	---
22/07/2014	12:55	8	SE	22/07/2014	17:35	0	---
22/07/2014	13:00	9	SSE	22/07/2014	17:40	0	---
22/07/2014	13:05	4	SSE	22/07/2014	17:45	0	SSE
22/07/2014	13:10	3	S	22/07/2014	17:50	0	SSE
22/07/2014	13:15	3	ESE	22/07/2014	17:55	1	SSE
22/07/2014	13:20	3	E	22/07/2014	18:00	0	SSE
22/07/2014	13:25	3	E	22/07/2014	18:05	0	---
22/07/2014	13:30	3	ENE	22/07/2014	18:10	0	---
22/07/2014	13:35	2	NE	22/07/2014	18:15	0	---
22/07/2014	13:40	2	NNE	22/07/2014	18:20	0	---
22/07/2014	13:45	3	NE	22/07/2014	18:25	0	---
22/07/2014	13:50	4	ENE	22/07/2014	18:30	0	---
22/07/2014	13:55	2	NNE	22/07/2014	18:35	0	---
22/07/2014	14:00	3	NNE	22/07/2014	18:40	0	NNW
22/07/2014	14:05	3	N	22/07/2014	18:45	2	SE
22/07/2014	14:10	5	NE	22/07/2014	18:50	0	---
22/07/2014	14:15	5	SE	22/07/2014	18:55	0	---
22/07/2014	14:20	1	E	22/07/2014	19:00	0	---
22/07/2014	14:25	4	ESE	22/07/2014	19:05	1	S
22/07/2014	14:30	4	SE	22/07/2014	19:10	1	S
22/07/2014	14:35	4	SE	22/07/2014	19:15	0	S
22/07/2014	14:40	4	ESE	22/07/2014	19:20	0	---
22/07/2014	14:45	5	ESE	22/07/2014	19:25	0	---
22/07/2014	14:50	5	ESE	22/07/2014	19:30	0	---
22/07/2014	14:55	5	ESE	22/07/2014	19:35	0	---
22/07/2014	15:00	3	SE	22/07/2014	19:40	0	---
22/07/2014	15:05	3	ESE	22/07/2014	19:45	1	ESE
22/07/2014	15:10	4	ESE	22/07/2014	19:50	2	S
22/07/2014	15:15	4	SE	22/07/2014	19:55	1	S
22/07/2014	15:20	4	SE	22/07/2014	20:00	2	SSW
22/07/2014	15:25	3	ESE	22/07/2014	20:05	3	SSW
22/07/2014	15:30	3	ESE	22/07/2014	20:10	1	ESE
22/07/2014	15:35	1	E	22/07/2014	20:15	1	S

Extracted from the weather station at Tung Chung China State Site Office Rooftop

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
22/07/2014	20:20	1	S	23/07/2014	01:00	5	NNW
22/07/2014	20:25	1	S	23/07/2014	01:05	4	NNW
22/07/2014	20:30	0	S	23/07/2014	01:10	4	NW
22/07/2014	20:35	0	S	23/07/2014	01:15	5	NNW
22/07/2014	20:40	0	S	23/07/2014	01:20	3	NNW
22/07/2014	20:45	0	S	23/07/2014	01:25	2	W
22/07/2014	20:50	1	ENE	23/07/2014	01:30	3	NW
22/07/2014	20:55	0	---	23/07/2014	01:35	2	NNW
22/07/2014	21:00	1	WNW	23/07/2014	01:40	3	NW
22/07/2014	21:05	1	WNW	23/07/2014	01:45	2	WNW
22/07/2014	21:10	1	WNW	23/07/2014	01:50	1	NNW
22/07/2014	21:15	3	NNW	23/07/2014	01:55	2	NNW
22/07/2014	21:20	2	NNW	23/07/2014	02:00	1	NNE
22/07/2014	21:25	3	N	23/07/2014	02:05	2	NW
22/07/2014	21:30	4	NNW	23/07/2014	02:10	2	NNW
22/07/2014	21:35	3	NW	23/07/2014	02:15	2	NNW
22/07/2014	21:40	6	NNW	23/07/2014	02:20	1	NNW
22/07/2014	21:45	5	NNW	23/07/2014	02:25	1	NE
22/07/2014	21:50	5	NW	23/07/2014	02:30	2	WNW
22/07/2014	21:55	5	NNW	23/07/2014	02:35	2	NNW
22/07/2014	22:00	4	NW	23/07/2014	02:40	2	NNW
22/07/2014	22:05	2	N	23/07/2014	02:45	2	WNW
22/07/2014	22:10	4	NW	23/07/2014	02:50	2	NNW
22/07/2014	22:15	4	NW	23/07/2014	02:55	4	NW
22/07/2014	22:20	6	NW	23/07/2014	03:00	3	NW
22/07/2014	22:25	5	NNW	23/07/2014	03:05	3	NNW
22/07/2014	22:30	4	WNW	23/07/2014	03:10	2	N
22/07/2014	22:35	4	NW	23/07/2014	03:15	4	NNW
22/07/2014	22:40	3	NW	23/07/2014	03:20	4	NNW
22/07/2014	22:45	4	NW	23/07/2014	03:25	2	N
22/07/2014	22:50	5	NW	23/07/2014	03:30	3	N
22/07/2014	22:55	5	NNW	23/07/2014	03:35	4	WNW
22/07/2014	23:00	4	N	23/07/2014	03:40	4	NW
22/07/2014	23:05	3	NW	23/07/2014	03:45	5	NW
22/07/2014	23:10	5	NW	23/07/2014	03:50	3	NW
22/07/2014	23:15	3	NNW	23/07/2014	03:55	4	NNW
22/07/2014	23:20	3	NW	23/07/2014	04:00	3	NNW
22/07/2014	23:25	6	NNW	23/07/2014	04:05	3	N
22/07/2014	23:30	6	NNW	23/07/2014	04:10	4	NW
22/07/2014	23:35	7	NNW	23/07/2014	04:15	4	NW
22/07/2014	23:40	9	NNW	23/07/2014	04:20	3	NW
22/07/2014	23:45	7	NNW	23/07/2014	04:25	3	NNW
22/07/2014	23:50	8	NNW	23/07/2014	04:30	1	NW
22/07/2014	23:55	8	NNW	23/07/2014	04:35	2	NNW
23/07/2014	00:00	8	NNW	23/07/2014	04:40	3	NNW
23/07/2014	00:05	7	NNW	23/07/2014	04:45	2	NW
23/07/2014	00:10	8	NNW	23/07/2014	04:50	4	N
23/07/2014	00:15	8	NW	23/07/2014	04:55	3	NNW
23/07/2014	00:20	8	NNW	23/07/2014	05:00	4	WNW
23/07/2014	00:25	7	NNW	23/07/2014	05:05	7	NNW
23/07/2014	00:30	8	NNW	23/07/2014	05:10	8	NNW
23/07/2014	00:35	7	NNW	23/07/2014	05:15	7	NNW
23/07/2014	00:40	7	NNW	23/07/2014	05:20	8	NNW
23/07/2014	00:45	7	NNW	23/07/2014	05:25	7	NNW
23/07/2014	00:50	6	NNW	23/07/2014	05:30	6	NNW
23/07/2014	00:55	6	NNW	23/07/2014	05:35	4	N

Extracted from the weather station at Tung Chung China State Site Office Rooftop

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
23/07/2014	05:40	5	NNW	23/07/2014	10:20	6	NW
23/07/2014	05:45	5	NNW	23/07/2014	10:25	7	NNW
23/07/2014	05:50	5	NNW	23/07/2014	10:30	8	NW
23/07/2014	05:55	5	NNW	23/07/2014	10:35	8	NNW
23/07/2014	06:00	5	NW	23/07/2014	10:40	8	NNW
23/07/2014	06:05	5	NNW	23/07/2014	10:45	8	NNW
23/07/2014	06:10	4	NW	23/07/2014	10:50	7	NW
23/07/2014	06:15	6	NNW	23/07/2014	10:55	9	NNW
23/07/2014	06:20	6	NNW	23/07/2014	11:00	8	NW
23/07/2014	06:25	6	NNW	23/07/2014	11:05	9	NNW
23/07/2014	06:30	4	NNW	23/07/2014	11:10	8	NNW
23/07/2014	06:35	4	NNW	23/07/2014	11:15	7	NNW
23/07/2014	06:40	6	NW	23/07/2014	11:20	5	N
23/07/2014	06:45	6	NNW	23/07/2014	11:25	7	NNW
23/07/2014	06:50	6	NNW	23/07/2014	11:30	5	NNW
23/07/2014	06:55	8	NNW	23/07/2014	11:35	8	NNW
23/07/2014	07:00	8	NNW	23/07/2014	11:40	8	NNW
23/07/2014	07:05	10	NNW	23/07/2014	11:45	8	NNW
23/07/2014	07:10	7	NNW	23/07/2014	11:50	8	NNW
23/07/2014	07:15	10	NNW	23/07/2014	11:55	6	WNW
23/07/2014	07:20	7	NNW	23/07/2014	12:00	5	NNW
23/07/2014	07:25	9	NNW	23/07/2014	12:05	6	NNW
23/07/2014	07:30	7	NNW	23/07/2014	12:10	5	NW
23/07/2014	07:35	7	NNW	23/07/2014	12:15	4	NW
23/07/2014	07:40	6	NNW	23/07/2014	12:20	3	NNW
23/07/2014	07:45	5	NNW	23/07/2014	12:25	5	WNW
23/07/2014	07:50	5	N	23/07/2014	12:30	4	NNE
23/07/2014	07:55	5	N	23/07/2014	12:35	4	W
23/07/2014	08:00	4	N	23/07/2014	12:40	6	NNW
23/07/2014	08:05	4	NNE	23/07/2014	12:45	4	NW
23/07/2014	08:10	3	N	23/07/2014	12:50	5	NNW
23/07/2014	08:15	4	N	23/07/2014	12:55	6	N
23/07/2014	08:20	3	NE	23/07/2014	13:00	7	N
23/07/2014	08:25	3	NNW	23/07/2014	13:05	6	NNW
23/07/2014	08:30	3	NNW	23/07/2014	13:10	5	N
23/07/2014	08:35	4	NNE	23/07/2014	13:15	4	N
23/07/2014	08:40	5	NW	23/07/2014	13:20	4	NNE
23/07/2014	08:45	6	NW	23/07/2014	13:25	4	NNW
23/07/2014	08:50	7	NNW	23/07/2014	13:30	3	ENE
23/07/2014	08:55	8	NNW	23/07/2014	13:35	7	NW
23/07/2014	09:00	6	NW	23/07/2014	13:40	6	NW
23/07/2014	09:05	6	NNW	23/07/2014	13:45	6	NNW
23/07/2014	09:10	7	NNW	23/07/2014	13:50	7	NW
23/07/2014	09:15	8	NW	23/07/2014	13:55	7	NW
23/07/2014	09:20	7	NNW	23/07/2014	14:00	8	NW
23/07/2014	09:25	7	NNW	23/07/2014	14:05	6	NW
23/07/2014	09:30	6	NW	23/07/2014	14:10	7	NW
23/07/2014	09:35	8	NW	23/07/2014	14:15	3	NNE
23/07/2014	09:40	8	NNW	23/07/2014	14:20	6	NNW
23/07/2014	09:45	6	NW	23/07/2014	14:25	4	N
23/07/2014	09:50	8	NNW	23/07/2014	14:30	4	NNW
23/07/2014	09:55	6	NNW	23/07/2014	14:35	3	NE
23/07/2014	10:00	5	NNW	23/07/2014	14:40	5	NNW
23/07/2014	10:05	6	N	23/07/2014	14:45	4	NNE
23/07/2014	10:10	5	NNW	23/07/2014	14:50	3	NNE
23/07/2014	10:15	6	NW	23/07/2014	14:55	3	NNE

Extracted from the weather station at Tung Chung China State Site Office Rooftop

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
23/07/2014	15:00	4	S	23/07/2014	19:40	4	NW
23/07/2014	15:05	6	N	23/07/2014	19:45	3	NW
23/07/2014	15:10	4	NNW	23/07/2014	19:50	2	E
23/07/2014	15:15	5	NW	23/07/2014	19:55	3	S
23/07/2014	15:20	3	SE	23/07/2014	20:00	2	NE
23/07/2014	15:25	3	ESE	23/07/2014	20:05	4	ENE
23/07/2014	15:30	3	ENE	23/07/2014	20:10	2	SE
23/07/2014	15:35	2	ESE	23/07/2014	20:15	3	SE
23/07/2014	15:40	3	SE	23/07/2014	20:20	4	NE
23/07/2014	15:45	3	NNW	23/07/2014	20:25	7	NNW
23/07/2014	15:50	3	N	23/07/2014	20:30	4	NNE
23/07/2014	15:55	2	ESE	23/07/2014	20:35	4	NNE
23/07/2014	16:00	3	N	23/07/2014	20:40	5	E
23/07/2014	16:05	3	NNE	23/07/2014	20:45	5	N
23/07/2014	16:10	3	SSE	23/07/2014	20:50	4	NNE
23/07/2014	16:15	1	SE	23/07/2014	20:55	4	E
23/07/2014	16:20	3	SSE	23/07/2014	21:00	4	ENE
23/07/2014	16:25	2	WNW	23/07/2014	21:05	6	NNW
23/07/2014	16:30	3	SSE	23/07/2014	21:10	6	NNW
23/07/2014	16:35	3	E	23/07/2014	21:15	4	NNW
23/07/2014	16:40	3	WNW	23/07/2014	21:20	6	N
23/07/2014	16:45	3	SSE	23/07/2014	21:25	5	NNW
23/07/2014	16:50	3	SSE	23/07/2014	21:30	5	N
23/07/2014	16:55	3	SW	23/07/2014	21:35	6	NNW
23/07/2014	17:00	3	SSW	23/07/2014	21:40	7	NNW
23/07/2014	17:05	2	ENE	23/07/2014	21:45	5	NNE
23/07/2014	17:10	3	SW	23/07/2014	21:50	5	NNE
23/07/2014	17:15	3	S	23/07/2014	21:55	6	N
23/07/2014	17:20	3	SSW	23/07/2014	22:00	3	NE
23/07/2014	17:25	2	SSW	23/07/2014	22:05	4	NNE
23/07/2014	17:30	2	E	23/07/2014	22:10	5	NE
23/07/2014	17:35	3	ESE	23/07/2014	22:15	4	E
23/07/2014	17:40	2	SE	23/07/2014	22:20	3	ESE
23/07/2014	17:45	3	E	23/07/2014	22:25	5	N
23/07/2014	17:50	4	ENE	23/07/2014	22:30	4	NNW
23/07/2014	17:55	1	NE	23/07/2014	22:35	3	NE
23/07/2014	18:00	4	S	23/07/2014	22:40	6	N
23/07/2014	18:05	4	S	23/07/2014	22:45	6	NNE
23/07/2014	18:10	4	SE	23/07/2014	22:50	3	NE
23/07/2014	18:15	2	SSE	23/07/2014	22:55	4	NNE
23/07/2014	18:20	2	E	23/07/2014	23:00	4	N
23/07/2014	18:25	3	NE	23/07/2014	23:05	4	E
23/07/2014	18:30	2	ESE	23/07/2014	23:10	4	N
23/07/2014	18:35	3	WNW	23/07/2014	23:15	4	E
23/07/2014	18:40	2	NNW	23/07/2014	23:20	4	NNW
23/07/2014	18:45	3	ENE	23/07/2014	23:25	4	N
23/07/2014	18:50	4	N	23/07/2014	23:30	4	NNW
23/07/2014	18:55	5	NW	23/07/2014	23:35	6	N
23/07/2014	19:00	4	W	23/07/2014	23:40	5	N
23/07/2014	19:05	3	N	23/07/2014	23:45	5	N
23/07/2014	19:10	2	NE	23/07/2014	23:50	5	NNE
23/07/2014	19:15	2	SE	23/07/2014	23:55	5	N
23/07/2014	19:20	4	SE	24/07/2014	00:00	4	NNE
23/07/2014	19:25	5	S	24/07/2014	00:05	5	NNE
23/07/2014	19:30	4	S	24/07/2014	00:10	4	W
23/07/2014	19:35	4	S	24/07/2014	00:15	3	NE

Extracted from the weather station at Tung Chung China State Site Office Rooftop

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
24/07/2014	00:20	4	NNE	24/07/2014	05:00	5	NNE
24/07/2014	00:25	5	NE	24/07/2014	05:05	5	NW
24/07/2014	00:30	3	NE	24/07/2014	05:10	4	N
24/07/2014	00:35	2	SW	24/07/2014	05:15	5	N
24/07/2014	00:40	3	ESE	24/07/2014	05:20	4	N
24/07/2014	00:45	1	NW	24/07/2014	05:25	6	WNW
24/07/2014	00:50	2	WSW	24/07/2014	05:30	5	NNW
24/07/2014	00:55	3	SSW	24/07/2014	05:35	4	N
24/07/2014	01:00	3	NNW	24/07/2014	05:40	4	N
24/07/2014	01:05	5	NNW	24/07/2014	05:45	5	WNW
24/07/2014	01:10	5	NNW	24/07/2014	05:50	4	N
24/07/2014	01:15	5	NE	24/07/2014	05:55	4	N
24/07/2014	01:20	6	NNE	24/07/2014	06:00	6	NNW
24/07/2014	01:25	6	NNE	24/07/2014	06:05	6	NNW
24/07/2014	01:30	4	NE	24/07/2014	06:10	5	N
24/07/2014	01:35	5	NNE	24/07/2014	06:15	5	NNW
24/07/2014	01:40	4	NE	24/07/2014	06:20	6	NW
24/07/2014	01:45	3	NNW	24/07/2014	06:25	6	NNW
24/07/2014	01:50	4	NE	24/07/2014	06:30	5	NNW
24/07/2014	01:55	5	N	24/07/2014	06:35	3	NNW
24/07/2014	02:00	4	NNE	24/07/2014	06:40	4	NNW
24/07/2014	02:05	4	SE	24/07/2014	06:45	5	NW
24/07/2014	02:10	4	ENE	24/07/2014	06:50	2	E
24/07/2014	02:15	4	NE	24/07/2014	06:55	3	NE
24/07/2014	02:20	4	NNW	24/07/2014	07:00	4	NE
24/07/2014	02:25	4	ENE	24/07/2014	07:05	4	NE
24/07/2014	02:30	3	SSE	24/07/2014	07:10	5	NNW
24/07/2014	02:35	4	NE	24/07/2014	07:15	5	N
24/07/2014	02:40	4	ENE	24/07/2014	07:20	7	NNW
24/07/2014	02:45	4	N	24/07/2014	07:25	4	NE
24/07/2014	02:50	5	ESE	24/07/2014	07:30	6	NNE
24/07/2014	02:55	3	SSE	24/07/2014	07:35	4	N
24/07/2014	03:00	6	NNW	24/07/2014	07:40	3	NNE
24/07/2014	03:05	3	N	24/07/2014	07:45	4	W
24/07/2014	03:10	2	N	24/07/2014	07:50	3	E
24/07/2014	03:15	3	NE	24/07/2014	07:55	3	NNE
24/07/2014	03:20	4	NNW	24/07/2014	08:00	6	N
24/07/2014	03:25	4	NNW	24/07/2014	08:05	7	NNW
24/07/2014	03:30	3	N	24/07/2014	08:10	6	N
24/07/2014	03:35	4	NE	24/07/2014	08:15	7	NNW
24/07/2014	03:40	3	NW	24/07/2014	08:20	4	NNE
24/07/2014	03:45	3	N	24/07/2014	08:25	5	NNW
24/07/2014	03:50	4	NNW	24/07/2014	08:30	5	N
24/07/2014	03:55	3	NNW	24/07/2014	08:35	2	NE
24/07/2014	04:00	4	NNE	24/07/2014	08:40	5	N
24/07/2014	04:05	3	NNW	24/07/2014	08:45	4	N
24/07/2014	04:10	3	SSE	24/07/2014	08:50	5	NE
24/07/2014	04:15	4	N	24/07/2014	08:55	4	SSE
24/07/2014	04:20	5	N	24/07/2014	09:00	4	NE
24/07/2014	04:25	3	NE	24/07/2014	09:05	5	N
24/07/2014	04:30	5	N	24/07/2014	09:10	7	NNW
24/07/2014	04:35	5	N	24/07/2014	09:15	5	N
24/07/2014	04:40	5	N	24/07/2014	09:20	6	N
24/07/2014	04:45	5	N	24/07/2014	09:25	5	N
24/07/2014	04:50	3	NNE	24/07/2014	09:30	8	NNW
24/07/2014	04:55	6	NNE	24/07/2014	09:35	8	NNW

Extracted from the weather station at Tung Chung China State Site Office Rooftop

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
24/07/2014	09:40	6	N	24/07/2014	14:20	5	N
24/07/2014	09:45	5	N	24/07/2014	14:25	5	NNW
24/07/2014	09:50	5	NNW	24/07/2014	14:30	1	SE
24/07/2014	09:55	6	NNW	24/07/2014	14:35	2	S
24/07/2014	10:00	6	NNW	24/07/2014	14:40	1	SE
24/07/2014	10:05	6	NNW	24/07/2014	14:45	1	N
24/07/2014	10:10	6	N	24/07/2014	14:50	2	NW
24/07/2014	10:15	7	NNW	24/07/2014	14:55	3	ESE
24/07/2014	10:20	7	N	24/07/2014	15:00	3	ENE
24/07/2014	10:25	9	NW	24/07/2014	15:05	2	NNE
24/07/2014	10:30	8	NNW	24/07/2014	15:10	2	NW
24/07/2014	10:35	9	NNW	24/07/2014	15:15	2	ESE
24/07/2014	10:40	9	NW	24/07/2014	15:20	2	ENE
24/07/2014	10:45	8	NW	24/07/2014	15:25	2	NNE
24/07/2014	10:50	7	NNW	24/07/2014	15:30	4	NW
24/07/2014	10:55	7	N	24/07/2014	15:35	5	NNW
24/07/2014	11:00	6	NNW	24/07/2014	15:40	3	W
24/07/2014	11:05	3	N	24/07/2014	15:45	5	NW
24/07/2014	11:10	4	SSE	24/07/2014	15:50	5	NNW
24/07/2014	11:15	4	SSE	24/07/2014	15:55	4	NW
24/07/2014	11:20	3	E	24/07/2014	16:00	3	N
24/07/2014	11:25	3	ENE	24/07/2014	16:05	6	NW
24/07/2014	11:30	4	N	24/07/2014	16:10	4	NW
24/07/2014	11:35	3	ENE	24/07/2014	16:15	7	NNW
24/07/2014	11:40	4	NNW	24/07/2014	16:20	6	NW
24/07/2014	11:45	4	NNW	24/07/2014	16:25	6	NNW
24/07/2014	11:50	3	N	24/07/2014	16:30	7	NW
24/07/2014	11:55	4	ENE	24/07/2014	16:35	7	N
24/07/2014	12:00	4	NNE	24/07/2014	16:40	6	NNE
24/07/2014	12:05	4	NNE	24/07/2014	16:45	6	NNE
24/07/2014	12:10	5	NNE	24/07/2014	16:50	4	E
24/07/2014	12:15	3	NNW	24/07/2014	16:55	4	S
24/07/2014	12:20	3	NE	24/07/2014	17:00	4	S
24/07/2014	12:25	5	N	24/07/2014	17:05	3	NE
24/07/2014	12:30	3	E	24/07/2014	17:10	5	S
24/07/2014	12:35	4	NNE	24/07/2014	17:15	4	NE
24/07/2014	12:40	4	NNE	24/07/2014	17:20	4	S
24/07/2014	12:45	3	ESE	24/07/2014	17:25	3	SSE
24/07/2014	12:50	6	NNE	24/07/2014	17:30	5	NNE
24/07/2014	12:55	4	NNE	24/07/2014	17:35	4	SE
24/07/2014	13:00	4	N	24/07/2014	17:40	3	NNW
24/07/2014	13:05	4	ESE	24/07/2014	17:45	3	NW
24/07/2014	13:10	5	N	24/07/2014	17:50	3	ENE
24/07/2014	13:15	5	ENE	24/07/2014	17:55	1	E
24/07/2014	13:20	6	NE	24/07/2014	18:00	4	S
24/07/2014	13:25	6	NNW	24/07/2014	18:05	3	ENE
24/07/2014	13:30	5	NW	24/07/2014	18:10	3	NE
24/07/2014	13:35	6	E	24/07/2014	18:15	3	NNE
24/07/2014	13:40	5	E	24/07/2014	18:20	5	E
24/07/2014	13:45	5	SE	24/07/2014	18:25	4	NNE
24/07/2014	13:50	6	NE	24/07/2014	18:30	5	ENE
24/07/2014	13:55	6	N	24/07/2014	18:35	4	E
24/07/2014	14:00	4	SE	24/07/2014	18:40	3	N
24/07/2014	14:05	3	SSW	24/07/2014	18:45	4	N
24/07/2014	14:10	3	SE	24/07/2014	18:50	3	NNW
24/07/2014	14:15	3	E	24/07/2014	18:55	6	NNE

Extracted from the weather station at Tung Chung China State Site Office Rooftop

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
24/07/2014	19:00	12	NE	24/07/2014	23:40	0	---
24/07/2014	19:05	7	NNE	24/07/2014	23:45	0	---
24/07/2014	19:10	5	NNE	24/07/2014	23:50	0	---
24/07/2014	19:15	4	NNW	24/07/2014	23:55	0	---
24/07/2014	19:20	3	NNW	25/07/2014	00:00	0	---
24/07/2014	19:25	4	NW	25/07/2014	00:05	0	---
24/07/2014	19:30	4	WNW	25/07/2014	00:10	0	---
24/07/2014	19:35	2	S	25/07/2014	00:15	0	---
24/07/2014	19:40	4	S	25/07/2014	00:20	0	---
24/07/2014	19:45	4	WNW	25/07/2014	00:25	0	---
24/07/2014	19:50	3	WNW	25/07/2014	00:30	0	---
24/07/2014	19:55	2	S	25/07/2014	00:35	0	---
24/07/2014	20:00	4	SSW	25/07/2014	00:40	0	---
24/07/2014	20:05	1	WNW	25/07/2014	00:45	0	---
24/07/2014	20:10	3	SE	25/07/2014	00:50	0	---
24/07/2014	20:15	1	S	25/07/2014	00:55	0	---
24/07/2014	20:20	0	---	25/07/2014	01:00	0	---
24/07/2014	20:25	0	---	25/07/2014	01:05	0	---
24/07/2014	20:30	0	---	25/07/2014	01:10	0	---
24/07/2014	20:35	0	---	25/07/2014	01:15	0	---
24/07/2014	20:40	0	---	25/07/2014	01:20	0	---
24/07/2014	20:45	0	---	25/07/2014	01:25	0	---
24/07/2014	20:50	0	---	25/07/2014	01:30	0	---
24/07/2014	20:55	0	---	25/07/2014	01:35	0	---
24/07/2014	21:00	0	---	25/07/2014	01:40	0	---
24/07/2014	21:05	0	---	25/07/2014	01:45	0	---
24/07/2014	21:10	0	---	25/07/2014	01:50	0	---
24/07/2014	21:15	2	SE	25/07/2014	01:55	0	---
24/07/2014	21:20	0	SE	25/07/2014	02:00	0	---
24/07/2014	21:25	3	ESE	25/07/2014	02:05	0	---
24/07/2014	21:30	1	SSE	25/07/2014	02:10	0	---
24/07/2014	21:35	0	---	25/07/2014	02:15	0	---
24/07/2014	21:40	0	SSE	25/07/2014	02:20	0	---
24/07/2014	21:45	0	---	25/07/2014	02:25	0	---
24/07/2014	21:50	1	S	25/07/2014	02:30	0	---
24/07/2014	21:55	2	SSW	25/07/2014	02:35	0	---
24/07/2014	22:00	0	W	25/07/2014	02:40	0	---
24/07/2014	22:05	0	---	25/07/2014	02:45	0	---
24/07/2014	22:10	0	---	25/07/2014	02:50	0	---
24/07/2014	22:15	0	---	25/07/2014	02:55	0	---
24/07/2014	22:20	0	---	25/07/2014	03:00	0	---
24/07/2014	22:25	0	---	25/07/2014	03:05	0	---
24/07/2014	22:30	0	---	25/07/2014	03:10	0	---
24/07/2014	22:35	0	---	25/07/2014	03:15	0	---
24/07/2014	22:40	0	SSW	25/07/2014	03:20	0	---
24/07/2014	22:45	1	SSW	25/07/2014	03:25	0	---
24/07/2014	22:50	0	SSW	25/07/2014	03:30	0	---
24/07/2014	22:55	0	SSW	25/07/2014	03:35	0	---
24/07/2014	23:00	0	SSW	25/07/2014	03:40	0	---
24/07/2014	23:05	0	SSW	25/07/2014	03:45	0	---
24/07/2014	23:10	0	---	25/07/2014	03:50	0	---
24/07/2014	23:15	0	---	25/07/2014	03:55	0	---
24/07/2014	23:20	0	---	25/07/2014	04:00	0	---
24/07/2014	23:25	0	---	25/07/2014	04:05	0	---
24/07/2014	23:30	0	---	25/07/2014	04:10	0	---
24/07/2014	23:35	0	---	25/07/2014	04:15	0	NNW

Extracted from the weather station at Tung Chung China State Site Office Rooftop

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
25/07/2014	04:20	1	SSW	25/07/2014	09:00	5	SE
25/07/2014	04:25	1	S	25/07/2014	09:05	7	SE
25/07/2014	04:30	1	S	25/07/2014	09:10	9	ESE
25/07/2014	04:35	2	WNW	25/07/2014	09:15	6	SE
25/07/2014	04:40	1	NW	25/07/2014	09:20	7	SE
25/07/2014	04:45	3	NNW	25/07/2014	09:25	7	ESE
25/07/2014	04:50	3	NNW	25/07/2014	09:30	7	ESE
25/07/2014	04:55	3	NNE	25/07/2014	09:35	6	ESE
25/07/2014	05:00	3	NNW	25/07/2014	09:40	6	ESE
25/07/2014	05:05	2	E	25/07/2014	09:45	8	ESE
25/07/2014	05:10	2	SE	25/07/2014	09:50	9	ESE
25/07/2014	05:15	2	WNW	25/07/2014	09:55	8	ESE
25/07/2014	05:20	3	WNW	25/07/2014	10:00	7	SE
25/07/2014	05:25	3	NW	25/07/2014	10:05	7	SE
25/07/2014	05:30	2	NNW	25/07/2014	10:10	8	SE
25/07/2014	05:35	3	NNW	25/07/2014	10:15	7	SE
25/07/2014	05:40	2	NNW	25/07/2014	10:20	6	SE
25/07/2014	05:45	2	SSW	25/07/2014	10:25	6	ESE
25/07/2014	05:50	3	NE	25/07/2014	10:30	6	ESE
25/07/2014	05:55	3	WNW	25/07/2014	10:35	5	E
25/07/2014	06:00	6	NNW	25/07/2014	10:40	6	E
25/07/2014	06:05	6	NNW	25/07/2014	10:45	5	ESE
25/07/2014	06:10	6	NNW	25/07/2014	10:50	6	E
25/07/2014	06:15	7	NNW	25/07/2014	10:55	6	E
25/07/2014	06:20	8	NNW	25/07/2014	11:00	6	E
25/07/2014	06:25	9	NNW	25/07/2014	11:05	5	E
25/07/2014	06:30	9	NNW	25/07/2014	11:10	4	ENE
25/07/2014	06:35	8	NNW	25/07/2014	11:15	4	NNE
25/07/2014	06:40	7	N	25/07/2014	11:20	3	NE
25/07/2014	06:45	7	NNW	25/07/2014	11:25	2	NE
25/07/2014	06:50	8	NNW	25/07/2014	11:30	2	N
25/07/2014	06:55	8	NNW	25/07/2014	11:35	2	N
25/07/2014	07:00	7	N	25/07/2014	11:40	2	NE
25/07/2014	07:05	8	NNW	25/07/2014	11:45	2	ENE
25/07/2014	07:10	9	NW	25/07/2014	11:50	2	NE
25/07/2014	07:15	8	NNW	25/07/2014	11:55	2	NE
25/07/2014	07:20	6	NNW	25/07/2014	12:00	2	NE
25/07/2014	07:25	8	NNW	25/07/2014	12:05	2	NNE
25/07/2014	07:30	9	NNW	25/07/2014	12:10	2	NNE
25/07/2014	07:35	9	NNW	25/07/2014	12:15	1	E
25/07/2014	07:40	6	NNW	25/07/2014	12:20	2	NNE
25/07/2014	07:45	6	NNW	25/07/2014	12:25	4	ENE
25/07/2014	07:50	6	NW	25/07/2014	12:30	3	ENE
25/07/2014	07:55	6	NNW	25/07/2014	12:35	3	SE
25/07/2014	08:00	9	N	25/07/2014	12:40	3	SSE
25/07/2014	08:05	7	NNW	25/07/2014	12:45	4	N
25/07/2014	08:10	6	NNW	25/07/2014	12:50	5	NNW
25/07/2014	08:15	6	NNW	25/07/2014	12:55	4	N
25/07/2014	08:20	4	NNW	25/07/2014	13:00	6	NW
25/07/2014	08:25	4	N	25/07/2014	13:05	4	NNW
25/07/2014	08:30	4	N	25/07/2014	13:10	5	N
25/07/2014	08:35	3	NNE	25/07/2014	13:15	7	NW
25/07/2014	08:40	7	SE	25/07/2014	13:20	7	NNW
25/07/2014	08:45	6	SSE	25/07/2014	13:25	5	N
25/07/2014	08:50	8	SE	25/07/2014	13:30	6	NW
25/07/2014	08:55	7	SE	25/07/2014	13:35	5	NNW

Extracted from the weather station at Tung Chung China State Site Office Rooftop

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
25/07/2014	13:40	5	NW	25/07/2014	18:20	5	SSE
25/07/2014	13:45	6	NNW	25/07/2014	18:25	4	SSE
25/07/2014	13:50	2	NW	25/07/2014	18:30	4	SSE
25/07/2014	13:55	3	NNW	25/07/2014	18:35	4	SSE
25/07/2014	14:00	4	NW	25/07/2014	18:40	7	SSE
25/07/2014	14:05	6	NW	25/07/2014	18:45	7	SSE
25/07/2014	14:10	5	NNW	25/07/2014	18:50	4	SSE
25/07/2014	14:15	5	NW	25/07/2014	18:55	3	ENE
25/07/2014	14:20	6	NW	25/07/2014	19:00	3	NE
25/07/2014	14:25	6	NW	25/07/2014	19:05	2	SSW
25/07/2014	14:30	4	NW	25/07/2014	19:10	3	SE
25/07/2014	14:35	3	NNW	25/07/2014	19:15	3	ENE
25/07/2014	14:40	4	NW	25/07/2014	19:20	2	NNE
25/07/2014	14:45	4	NW	25/07/2014	19:25	1	NNE
25/07/2014	14:50	3	NW	25/07/2014	19:30	2	SE
25/07/2014	14:55	3	NNW	25/07/2014	19:35	2	SSE
25/07/2014	15:00	1	S	25/07/2014	19:40	0	S
25/07/2014	15:05	2	NW	25/07/2014	19:45	0	---
25/07/2014	15:10	2	WSW	25/07/2014	19:50	3	NW
25/07/2014	15:15	2	SW	25/07/2014	19:55	3	SSE
25/07/2014	15:20	2	ESE	25/07/2014	20:00	2	NNE
25/07/2014	15:25	3	ENE	25/07/2014	20:05	3	NNW
25/07/2014	15:30	3	SW	25/07/2014	20:10	3	SE
25/07/2014	15:35	1	SSE	25/07/2014	20:15	0	ESE
25/07/2014	15:40	3	S	25/07/2014	20:20	0	---
25/07/2014	15:45	4	S	25/07/2014	20:25	0	---
25/07/2014	15:50	2	ESE	25/07/2014	20:30	0	---
25/07/2014	15:55	3	SSW	25/07/2014	20:35	0	---
25/07/2014	16:00	3	SSW	25/07/2014	20:40	0	---
25/07/2014	16:05	2	S	25/07/2014	20:45	0	---
25/07/2014	16:10	2	SSW	25/07/2014	20:50	2	NW
25/07/2014	16:15	3	N	25/07/2014	20:55	1	NE
25/07/2014	16:20	4	SE	25/07/2014	21:00	1	N
25/07/2014	16:25	4	E	25/07/2014	21:05	0	---
25/07/2014	16:30	5	SSE	25/07/2014	21:10	1	E
25/07/2014	16:35	4	SSW	25/07/2014	21:15	1	E
25/07/2014	16:40	5	SSE	25/07/2014	21:20	2	S
25/07/2014	16:45	4	NNW	25/07/2014	21:25	2	SE
25/07/2014	16:50	2	S	25/07/2014	21:30	1	SSW
25/07/2014	16:55	2	S	25/07/2014	21:35	2	SSW
25/07/2014	17:00	3	SE	25/07/2014	21:40	2	SSW
25/07/2014	17:05	4	ENE	25/07/2014	21:45	2	S
25/07/2014	17:10	3	S	25/07/2014	21:50	2	S
25/07/2014	17:15	0	S	25/07/2014	21:55	2	SSE
25/07/2014	17:20	1	S	25/07/2014	22:00	2	SE
25/07/2014	17:25	3	WNW	25/07/2014	22:05	0	SE
25/07/2014	17:30	0	---	25/07/2014	22:10	0	---
25/07/2014	17:35	0	SE	25/07/2014	22:15	0	SSE
25/07/2014	17:40	2	SSE	25/07/2014	22:20	2	SSE
25/07/2014	17:45	0	---	25/07/2014	22:25	3	SSE
25/07/2014	17:50	0	ESE	25/07/2014	22:30	2	S
25/07/2014	17:55	3	SE	25/07/2014	22:35	0	S
25/07/2014	18:00	0	SSE	25/07/2014	22:40	0	---
25/07/2014	18:05	0	N	25/07/2014	22:45	3	SE
25/07/2014	18:10	2	SE	25/07/2014	22:50	2	S
25/07/2014	18:15	4	SSE	25/07/2014	22:55	2	E

Extracted from the weather station at Tung Chung China State Site Office Rooftop

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
25/07/2014	23:00	3	S	26/07/2014	03:40	0	---
25/07/2014	23:05	3	ESE	26/07/2014	03:45	0	---
25/07/2014	23:10	3	SSW	26/07/2014	03:50	0	---
25/07/2014	23:15	5	SSE	26/07/2014	03:55	0	---
25/07/2014	23:20	4	SSE	26/07/2014	04:00	0	---
25/07/2014	23:25	3	SSE	26/07/2014	04:05	0	---
25/07/2014	23:30	3	SE	26/07/2014	04:10	0	---
25/07/2014	23:35	3	SE	26/07/2014	04:15	0	---
25/07/2014	23:40	2	SSE	26/07/2014	04:20	0	---
25/07/2014	23:45	1	SSW	26/07/2014	04:25	1	SE
25/07/2014	23:50	0	---	26/07/2014	04:30	2	SSE
25/07/2014	23:55	0	---	26/07/2014	04:35	5	SE
26/07/2014	00:00	0	S	26/07/2014	04:40	8	SSE
26/07/2014	00:05	0	---	26/07/2014	04:45	5	SE
26/07/2014	00:10	2	NW	26/07/2014	04:50	5	SE
26/07/2014	00:15	1	NW	26/07/2014	04:55	4	SE
26/07/2014	00:20	0	---	26/07/2014	05:00	2	SE
26/07/2014	00:25	0	---	26/07/2014	05:05	0	SSE
26/07/2014	00:30	0	---	26/07/2014	05:10	0	---
26/07/2014	00:35	0	---	26/07/2014	05:15	2	NNW
26/07/2014	00:40	0	---	26/07/2014	05:20	1	NW
26/07/2014	00:45	1	S	26/07/2014	05:25	2	NNW
26/07/2014	00:50	0	S	26/07/2014	05:30	3	NNW
26/07/2014	00:55	0	---	26/07/2014	05:35	3	NNE
26/07/2014	01:00	0	---	26/07/2014	05:40	2	NNE
26/07/2014	01:05	0	---	26/07/2014	05:45	2	ENE
26/07/2014	01:10	0	---	26/07/2014	05:50	2	ENE
26/07/2014	01:15	0	---	26/07/2014	05:55	2	ENE
26/07/2014	01:20	0	---	26/07/2014	06:00	5	E
26/07/2014	01:25	0	---	26/07/2014	06:05	3	E
26/07/2014	01:30	0	---	26/07/2014	06:10	3	ESE
26/07/2014	01:35	0	---	26/07/2014	06:15	3	ESE
26/07/2014	01:40	0	---	26/07/2014	06:20	3	E
26/07/2014	01:45	0	---	26/07/2014	06:25	3	ESE
26/07/2014	01:50	0	---	26/07/2014	06:30	3	E
26/07/2014	01:55	0	---	26/07/2014	06:35	3	E
26/07/2014	02:00	0	---	26/07/2014	06:40	2	ESE
26/07/2014	02:05	0	---	26/07/2014	06:45	1	ESE
26/07/2014	02:10	0	---	26/07/2014	06:50	0	ESE
26/07/2014	02:15	0	SSE	26/07/2014	06:55	0	---
26/07/2014	02:20	2	SE	26/07/2014	07:00	0	---
26/07/2014	02:25	0	---	26/07/2014	07:05	1	WNW
26/07/2014	02:30	1	E	26/07/2014	07:10	5	NE
26/07/2014	02:35	0	S	26/07/2014	07:15	3	ENE
26/07/2014	02:40	0	---	26/07/2014	07:20	3	NW
26/07/2014	02:45	0	---	26/07/2014	07:25	5	NNW
26/07/2014	02:50	0	---	26/07/2014	07:30	5	NNW
26/07/2014	02:55	0	---	26/07/2014	07:35	4	N
26/07/2014	03:00	0	---	26/07/2014	07:40	3	NE
26/07/2014	03:05	0	---	26/07/2014	07:45	0	NE
26/07/2014	03:10	0	---	26/07/2014	07:50	0	---
26/07/2014	03:15	0	---	26/07/2014	07:55	0	---
26/07/2014	03:20	0	---	26/07/2014	08:00	0	---
26/07/2014	03:25	0	---	26/07/2014	08:05	0	ESE
26/07/2014	03:30	0	---	26/07/2014	08:10	4	E
26/07/2014	03:35	0	---	26/07/2014	08:15	3	E

Extracted from the weather station at Tung Chung China State Site Office Rooftop

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
26/07/2014	08:20	3	SE	26/07/2014	13:00	8	SE
26/07/2014	08:25	2	SSE	26/07/2014	13:05	9	SE
26/07/2014	08:30	6	SE	26/07/2014	13:10	6	SSE
26/07/2014	08:35	6	SE	26/07/2014	13:15	5	ESE
26/07/2014	08:40	6	SE	26/07/2014	13:20	6	SSE
26/07/2014	08:45	6	SSE	26/07/2014	13:25	6	E
26/07/2014	08:50	8	SE	26/07/2014	13:30	6	SE
26/07/2014	08:55	10	SE	26/07/2014	13:35	5	SE
26/07/2014	09:00	9	SE	26/07/2014	13:40	6	SSE
26/07/2014	09:05	9	SE	26/07/2014	13:45	6	SSE
26/07/2014	09:10	9	SE	26/07/2014	13:50	5	SSW
26/07/2014	09:15	6	ESE	26/07/2014	13:55	5	SSW
26/07/2014	09:20	7	E	26/07/2014	14:00	5	S
26/07/2014	09:25	3	SE	26/07/2014	14:05	5	ESE
26/07/2014	09:30	1	SSE	26/07/2014	14:10	6	SSE
26/07/2014	09:35	2	S	26/07/2014	14:15	5	SSE
26/07/2014	09:40	2	SSE	26/07/2014	14:20	4	SSE
26/07/2014	09:45	6	SE	26/07/2014	14:25	4	SSE
26/07/2014	09:50	4	SSE	26/07/2014	14:30	5	SSE
26/07/2014	09:55	4	SSE	26/07/2014	14:35	6	SSE
26/07/2014	10:00	6	ESE	26/07/2014	14:40	6	SSE
26/07/2014	10:05	7	SE	26/07/2014	14:45	6	S
26/07/2014	10:10	5	ESE	26/07/2014	14:50	5	S
26/07/2014	10:15	5	SSE	26/07/2014	14:55	5	S
26/07/2014	10:20	6	SSE	26/07/2014	15:00	5	SSE
26/07/2014	10:25	10	ESE	26/07/2014	15:05	6	SSE
26/07/2014	10:30	6	SE	26/07/2014	15:10	5	SSE
26/07/2014	10:35	6	SSE	26/07/2014	15:15	5	SSE
26/07/2014	10:40	5	SE	26/07/2014	15:20	4	S
26/07/2014	10:45	6	ESE	26/07/2014	15:25	5	SSE
26/07/2014	10:50	5	SE	26/07/2014	15:30	5	SSE
26/07/2014	10:55	4	SSE	26/07/2014	15:35	6	SSE
26/07/2014	11:00	3	SE	26/07/2014	15:40	7	SSE
26/07/2014	11:05	5	ESE	26/07/2014	15:45	6	S
26/07/2014	11:10	3	ESE	26/07/2014	15:50	5	SSE
26/07/2014	11:15	7	ESE	26/07/2014	15:55	4	SSE
26/07/2014	11:20	9	ESE	26/07/2014	16:00	4	SSE
26/07/2014	11:25	8	SE	26/07/2014	16:05	6	SSE
26/07/2014	11:30	10	ESE	26/07/2014	16:10	6	SSE
26/07/2014	11:35	8	ESE	26/07/2014	16:15	6	SSE
26/07/2014	11:40	8	ESE	26/07/2014	16:20	5	SSE
26/07/2014	11:45	10	ESE	26/07/2014	16:25	5	SSE
26/07/2014	11:50	11	ESE	26/07/2014	16:30	6	SSE
26/07/2014	11:55	9	SE	26/07/2014	16:35	6	SSE
26/07/2014	12:00	9	SE	26/07/2014	16:40	6	SSE
26/07/2014	12:05	7	SE	26/07/2014	16:45	5	SSE
26/07/2014	12:10	8	SE	26/07/2014	16:50	6	SSE
26/07/2014	12:15	7	SE	26/07/2014	16:55	4	SSE
26/07/2014	12:20	7	ESE	26/07/2014	17:00	6	SSE
26/07/2014	12:25	7	SE	26/07/2014	17:05	4	S
26/07/2014	12:30	7	ESE	26/07/2014	17:10	4	SSE
26/07/2014	12:35	7	SE	26/07/2014	17:15	3	SSE
26/07/2014	12:40	7	SSE	26/07/2014	17:20	6	SE
26/07/2014	12:45	7	SE	26/07/2014	17:25	3	SSE
26/07/2014	12:50	9	ESE	26/07/2014	17:30	3	SSE
26/07/2014	12:55	8	SE	26/07/2014	17:35	4	SSE

Extracted from the weather station at Tung Chung China State Site Office Rooftop

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
26/07/2014	17:40	4	SE	26/07/2014	22:20	5	SSE
26/07/2014	17:45	2	SSE	26/07/2014	22:25	4	SE
26/07/2014	17:50	4	SE	26/07/2014	22:30	3	SE
26/07/2014	17:55	3	ESE	26/07/2014	22:35	6	SSE
26/07/2014	18:00	4	SSE	26/07/2014	22:40	4	SE
26/07/2014	18:05	4	SE	26/07/2014	22:45	3	S
26/07/2014	18:10	5	SSE	26/07/2014	22:50	5	SE
26/07/2014	18:15	4	SSE	26/07/2014	22:55	5	SSE
26/07/2014	18:20	4	SE	26/07/2014	23:00	4	SSE
26/07/2014	18:25	4	SSE	26/07/2014	23:05	4	SE
26/07/2014	18:30	3	SSE	26/07/2014	23:10	5	SE
26/07/2014	18:35	3	SSE	26/07/2014	23:15	10	SSE
26/07/2014	18:40	3	SE	26/07/2014	23:20	4	SSE
26/07/2014	18:45	6	SSE	26/07/2014	23:25	4	SE
26/07/2014	18:50	6	SSE	26/07/2014	23:30	5	SSE
26/07/2014	18:55	5	SSE	26/07/2014	23:35	5	SE
26/07/2014	19:00	5	S	26/07/2014	23:40	4	SE
26/07/2014	19:05	5	SSE	26/07/2014	23:45	1	SSW
26/07/2014	19:10	6	SSE	26/07/2014	23:50	1	ESE
26/07/2014	19:15	6	SE	26/07/2014	23:55	2	WNW
26/07/2014	19:20	4	SSE	27/07/2014	00:00	4	NW
26/07/2014	19:25	6	SE	27/07/2014	00:05	4	NNW
26/07/2014	19:30	5	SE	27/07/2014	00:10	2	S
26/07/2014	19:35	5	SSE	27/07/2014	00:15	5	SE
26/07/2014	19:40	4	SSE	27/07/2014	00:20	6	SSE
26/07/2014	19:45	6	SSE	27/07/2014	00:25	5	SE
26/07/2014	19:50	6	SSE	27/07/2014	00:30	2	S
26/07/2014	19:55	6	SSE	27/07/2014	00:35	0	NE
26/07/2014	20:00	8	SSE	27/07/2014	00:40	2	NW
26/07/2014	20:05	7	SSE	27/07/2014	00:45	3	WNW
26/07/2014	20:10	7	SE	27/07/2014	00:50	3	NW
26/07/2014	20:15	5	SSE	27/07/2014	00:55	4	WNW
26/07/2014	20:20	6	SE	27/07/2014	01:00	2	W
26/07/2014	20:25	7	SSE	27/07/2014	01:05	4	NW
26/07/2014	20:30	6	SSE	27/07/2014	01:10	4	NW
26/07/2014	20:35	6	ESE	27/07/2014	01:15	6	NW
26/07/2014	20:40	6	SSE	27/07/2014	01:20	4	NW
26/07/2014	20:45	7	SE	27/07/2014	01:25	1	S
26/07/2014	20:50	6	SE	27/07/2014	01:30	0	SW
26/07/2014	20:55	6	SSE	27/07/2014	01:35	1	SSE
26/07/2014	21:00	4	SSE	27/07/2014	01:40	0	---
26/07/2014	21:05	6	SSE	27/07/2014	01:45	0	NE
26/07/2014	21:10	6	SSE	27/07/2014	01:50	2	NE
26/07/2014	21:15	4	SE	27/07/2014	01:55	2	WSW
26/07/2014	21:20	5	SE	27/07/2014	02:00	1	NE
26/07/2014	21:25	6	SE	27/07/2014	02:05	3	SE
26/07/2014	21:30	3	SE	27/07/2014	02:10	5	SE
26/07/2014	21:35	3	SE	27/07/2014	02:15	5	SSE
26/07/2014	21:40	3	SSE	27/07/2014	02:20	5	SE
26/07/2014	21:45	4	SE	27/07/2014	02:25	5	SE
26/07/2014	21:50	5	SSE	27/07/2014	02:30	7	SE
26/07/2014	21:55	6	SE	27/07/2014	02:35	6	SE
26/07/2014	22:00	7	SE	27/07/2014	02:40	5	SE
26/07/2014	22:05	6	S	27/07/2014	02:45	5	SE
26/07/2014	22:10	8	SSE	27/07/2014	02:50	6	ESE
26/07/2014	22:15	6	SSE	27/07/2014	02:55	6	SE

Extracted from the weather station at Tung Chung China State Site Office Rooftop

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
27/07/2014	03:00	5	ESE	27/07/2014	07:40	6	SSE
27/07/2014	03:05	5	SE	27/07/2014	07:45	6	SSE
27/07/2014	03:10	3	WNW	27/07/2014	07:50	5	SE
27/07/2014	03:15	5	NW	27/07/2014	07:55	6	SE
27/07/2014	03:20	5	NW	27/07/2014	08:00	6	SSE
27/07/2014	03:25	2	NNW	27/07/2014	08:05	5	SSE
27/07/2014	03:30	3	SSE	27/07/2014	08:10	4	SSE
27/07/2014	03:35	2	ENE	27/07/2014	08:15	6	SE
27/07/2014	03:40	2	ENE	27/07/2014	08:20	5	SSE
27/07/2014	03:45	0	---	27/07/2014	08:25	4	SSW
27/07/2014	03:50	0	---	27/07/2014	08:30	5	SE
27/07/2014	03:55	0	---	27/07/2014	08:35	5	SE
27/07/2014	04:00	0	---	27/07/2014	08:40	6	SE
27/07/2014	04:05	0	---	27/07/2014	08:45	5	SE
27/07/2014	04:10	0	---	27/07/2014	08:50	5	SE
27/07/2014	04:15	0	---	27/07/2014	08:55	3	SE
27/07/2014	04:20	2	SE	27/07/2014	09:00	6	SE
27/07/2014	04:25	3	SE	27/07/2014	09:05	6	SE
27/07/2014	04:30	4	SE	27/07/2014	09:10	7	ESE
27/07/2014	04:35	3	SE	27/07/2014	09:15	6	SSE
27/07/2014	04:40	4	SE	27/07/2014	09:20	7	ESE
27/07/2014	04:45	5	SE	27/07/2014	09:25	6	S
27/07/2014	04:50	4	S	27/07/2014	09:30	4	S
27/07/2014	04:55	6	SE	27/07/2014	09:35	8	SE
27/07/2014	05:00	6	ESE	27/07/2014	09:40	5	SSE
27/07/2014	05:05	6	SE	27/07/2014	09:45	12	SSE
27/07/2014	05:10	5	SE	27/07/2014	09:50	12	SE
27/07/2014	05:15	7	SE	27/07/2014	09:55	9	SE
27/07/2014	05:20	7	ESE	27/07/2014	10:00	9	SSE
27/07/2014	05:25	9	SE	27/07/2014	10:05	8	SE
27/07/2014	05:30	6	SE	27/07/2014	10:10	7	SSE
27/07/2014	05:35	8	SE	27/07/2014	10:15	2	ESE
27/07/2014	05:40	8	SE	27/07/2014	10:20	3	SE
27/07/2014	05:45	9	SE	27/07/2014	10:25	5	SSE
27/07/2014	05:50	8	SE	27/07/2014	10:30	6	SSE
27/07/2014	05:55	7	ESE	27/07/2014	10:35	8	SE
27/07/2014	06:00	8	SE	27/07/2014	10:40	10	SE
27/07/2014	06:05	8	ESE	27/07/2014	10:45	7	SSE
27/07/2014	06:10	5	SSE	27/07/2014	10:50	9	SE
27/07/2014	06:15	8	SE	27/07/2014	10:55	8	SE
27/07/2014	06:20	7	SE	27/07/2014	11:00	6	SE
27/07/2014	06:25	8	SE	27/07/2014	11:05	5	SE
27/07/2014	06:30	9	ESE	27/07/2014	11:10	6	SSE
27/07/2014	06:35	10	SE	27/07/2014	11:15	5	SSE
27/07/2014	06:40	8	SSE	27/07/2014	11:20	7	SE
27/07/2014	06:45	8	SSE	27/07/2014	11:25	10	SE
27/07/2014	06:50	8	SSE	27/07/2014	11:30	10	SE
27/07/2014	06:55	7	SE	27/07/2014	11:35	9	SE
27/07/2014	07:00	4	SSW	27/07/2014	11:40	6	S
27/07/2014	07:05	4	SSW	27/07/2014	11:45	7	SE
27/07/2014	07:10	5	SSW	27/07/2014	11:50	5	ESE
27/07/2014	07:15	9	SE	27/07/2014	11:55	3	S
27/07/2014	07:20	10	SE	27/07/2014	12:00	3	S
27/07/2014	07:25	5	SSE	27/07/2014	12:05	5	S
27/07/2014	07:30	7	SSE	27/07/2014	12:10	4	SSE
27/07/2014	07:35	6	SSE	27/07/2014	12:15	5	SSE

Extracted from the weather station at Tung Chung China State Site Office Rooftop

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
27/07/2014	12:20	6	SE	27/07/2014	17:00	6	SE
27/07/2014	12:25	5	SE	27/07/2014	17:05	6	SSE
27/07/2014	12:30	4	E	27/07/2014	17:10	6	SSE
27/07/2014	12:35	4	SSE	27/07/2014	17:15	5	SSE
27/07/2014	12:40	7	SE	27/07/2014	17:20	6	SE
27/07/2014	12:45	6	SE	27/07/2014	17:25	7	SSE
27/07/2014	12:50	5	SE	27/07/2014	17:30	6	SSE
27/07/2014	12:55	6	SSE	27/07/2014	17:35	6	SE
27/07/2014	13:00	8	SSE	27/07/2014	17:40	4	SE
27/07/2014	13:05	6	SE	27/07/2014	17:45	4	SSE
27/07/2014	13:10	6	SE	27/07/2014	17:50	5	SE
27/07/2014	13:15	4	ESE	27/07/2014	17:55	5	SSE
27/07/2014	13:20	6	SSE	27/07/2014	18:00	5	SSE
27/07/2014	13:25	3	S	27/07/2014	18:05	3	SSE
27/07/2014	13:30	4	SSE	27/07/2014	18:10	3	SSE
27/07/2014	13:35	4	SSE	27/07/2014	18:15	3	SE
27/07/2014	13:40	4	SSE	27/07/2014	18:20	5	SE
27/07/2014	13:45	3	SSE	27/07/2014	18:25	5	SE
27/07/2014	13:50	5	SSE	27/07/2014	18:30	2	N
27/07/2014	13:55	5	SSE	27/07/2014	18:35	3	ESE
27/07/2014	14:00	6	SE	27/07/2014	18:40	3	ESE
27/07/2014	14:05	10	SSE	27/07/2014	18:45	2	SE
27/07/2014	14:10	6	S	27/07/2014	18:50	2	SE
27/07/2014	14:15	4	SSE	27/07/2014	18:55	2	SSE
27/07/2014	14:20	6	SE	27/07/2014	19:00	4	SSE
27/07/2014	14:25	6	SE	27/07/2014	19:05	4	SSE
27/07/2014	14:30	4	E	27/07/2014	19:10	4	SSE
27/07/2014	14:35	6	SE	27/07/2014	19:15	4	SE
27/07/2014	14:40	9	SSE	27/07/2014	19:20	2	SSE
27/07/2014	14:45	7	SE	27/07/2014	19:25	0	ESE
27/07/2014	14:50	8	SE	27/07/2014	19:30	0	---
27/07/2014	14:55	6	ESE	27/07/2014	19:35	1	N
27/07/2014	15:00	7	SE	27/07/2014	19:40	1	NE
27/07/2014	15:05	6	SSE	27/07/2014	19:45	1	SE
27/07/2014	15:10	6	SSE	27/07/2014	19:50	2	W
27/07/2014	15:15	5	SE	27/07/2014	19:55	3	SSE
27/07/2014	15:20	7	SE	27/07/2014	20:00	0	WSW
27/07/2014	15:25	3	SSE	27/07/2014	20:05	0	SSE
27/07/2014	15:30	5	SSE	27/07/2014	20:10	1	N
27/07/2014	15:35	5	SE	27/07/2014	20:15	3	N
27/07/2014	15:40	7	SE	27/07/2014	20:20	3	N
27/07/2014	15:45	3	ESE	27/07/2014	20:25	3	N
27/07/2014	15:50	4	SE	27/07/2014	20:30	3	SSE
27/07/2014	15:55	4	S	27/07/2014	20:35	0	---
27/07/2014	16:00	5	S	27/07/2014	20:40	0	---
27/07/2014	16:05	6	SSE	27/07/2014	20:45	0	---
27/07/2014	16:10	5	SSE	27/07/2014	20:50	1	SSW
27/07/2014	16:15	5	SSE	27/07/2014	20:55	1	NW
27/07/2014	16:20	6	SE	27/07/2014	21:00	2	NW
27/07/2014	16:25	5	S	27/07/2014	21:05	0	NNW
27/07/2014	16:30	6	ESE	27/07/2014	21:10	0	---
27/07/2014	16:35	4	SSE	27/07/2014	21:15	1	NW
27/07/2014	16:40	5	SSE	27/07/2014	21:20	1	NW
27/07/2014	16:45	6	SSE	27/07/2014	21:25	1	SW
27/07/2014	16:50	5	SE	27/07/2014	21:30	2	NNE
27/07/2014	16:55	7	SE	27/07/2014	21:35	0	NNE

Extracted from the weather station at Tung Chung China State Site Office Rooftop

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
27/07/2014	21:40	0	---	29/07/2014	02:20	0	NW
27/07/2014	21:45	1	N	29/07/2014	02:25	0	---
27/07/2014	21:50	1	N	29/07/2014	02:30	0	SW
27/07/2014	21:55	1	WNW	29/07/2014	02:35	0	---
27/07/2014	22:00	1	ESE	29/07/2014	02:40	1	SW
27/07/2014	22:05	4	ESE	29/07/2014	02:45	0	SW
27/07/2014	22:10	3	SSE	29/07/2014	02:50	0	SW
27/07/2014	22:15	3	SE	29/07/2014	02:55	0	---
27/07/2014	22:20	3	SSW	29/07/2014	03:00	0	---
27/07/2014	22:25	3	SE	29/07/2014	03:05	0	---
27/07/2014	22:30	3	SSE	29/07/2014	03:10	0	---
27/07/2014	22:35	3	SSE	29/07/2014	03:15	0	---
27/07/2014	22:40	4	SE	29/07/2014	03:20	0	---
27/07/2014	22:45	4	SE	29/07/2014	03:25	0	---
27/07/2014	22:50	2	SSE	29/07/2014	03:30	0	SW
27/07/2014	22:55	1	S	29/07/2014	03:35	0	---
27/07/2014	23:00	0	S	29/07/2014	03:40	0	SW
27/07/2014	23:05	1	S	29/07/2014	03:45	0	E
27/07/2014	23:10	0	SSE	29/07/2014	03:50	1	NE
27/07/2014	23:15	1	S	29/07/2014	03:55	0	NE
27/07/2014	23:20	1	S	29/07/2014	04:00	0	---
27/07/2014	23:25	0	---	29/07/2014	04:05	0	---
27/07/2014	23:30	0	---	29/07/2014	04:10	0	---
27/07/2014	23:35	0	---	29/07/2014	04:15	0	---
27/07/2014	23:40	0	---	29/07/2014	04:20	0	---
27/07/2014	23:45	0	---	29/07/2014	04:25	0	---
27/07/2014	23:50	0	---	29/07/2014	04:30	0	---
27/07/2014	23:55	0	---	29/07/2014	04:35	0	---
28/07/2014	00:00	0	---	29/07/2014	04:40	0	---
29/07/2014	00:05	0	---	29/07/2014	04:45	0	---
29/07/2014	00:10	0	---	29/07/2014	04:50	0	---
29/07/2014	00:15	0	---	29/07/2014	04:55	2	SE
29/07/2014	00:20	0	---	29/07/2014	05:00	1	SE
29/07/2014	00:25	1	WNW	29/07/2014	05:05	1	SSE
29/07/2014	00:30	0	---	29/07/2014	05:10	1	SE
29/07/2014	00:35	0	---	29/07/2014	05:15	2	SE
29/07/2014	00:40	0	---	29/07/2014	05:20	3	SE
29/07/2014	00:45	0	---	29/07/2014	05:25	3	ESE
29/07/2014	00:50	0	---	29/07/2014	05:30	2	SE
29/07/2014	00:55	3	SSW	29/07/2014	05:35	2	ESE
29/07/2014	01:00	1	SSW	29/07/2014	05:40	3	ESE
29/07/2014	01:05	0	SSW	29/07/2014	05:45	3	ESE
29/07/2014	01:10	0	---	29/07/2014	05:50	4	SE
29/07/2014	01:15	0	---	29/07/2014	05:55	4	ESE
29/07/2014	01:20	0	---	29/07/2014	06:00	4	SE
29/07/2014	01:25	0	---	29/07/2014	06:05	4	SE
29/07/2014	01:30	0	---	29/07/2014	06:10	3	ESE
29/07/2014	01:35	0	---	29/07/2014	06:15	3	ESE
29/07/2014	01:40	0	SW	29/07/2014	06:20	3	ESE
29/07/2014	01:45	1	SW	29/07/2014	06:25	3	SE
29/07/2014	01:50	0	SW	29/07/2014	06:30	3	SE
29/07/2014	01:55	0	SW	29/07/2014	06:35	3	SE
29/07/2014	02:00	1	NW	29/07/2014	06:40	3	SE
29/07/2014	02:05	0	NW	29/07/2014	06:45	3	SE
29/07/2014	02:10	0	---	29/07/2014	06:50	3	SE
29/07/2014	02:15	0	---	29/07/2014	06:55	3	SSE

Extracted from the weather station at Tung Chung China State Site Office Rooftop

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
29/07/2014	07:00	3	ESE	29/07/2014	11:40	5	ESE
29/07/2014	07:05	3	SE	29/07/2014	11:45	6	E
29/07/2014	07:10	3	SE	29/07/2014	11:50	7	ESE
29/07/2014	07:15	3	SE	29/07/2014	11:55	6	SSE
29/07/2014	07:20	2	SE	29/07/2014	12:00	1	SSE
29/07/2014	07:25	2	ENE	29/07/2014	12:05	5	ESE
29/07/2014	07:30	1	ENE	29/07/2014	12:10	5	ESE
29/07/2014	07:35	1	NNE	29/07/2014	12:15	6	ESE
29/07/2014	07:40	1	NNE	29/07/2014	12:20	6	ESE
29/07/2014	07:45	1	NNE	29/07/2014	12:25	5	E
29/07/2014	07:50	1	ENE	29/07/2014	12:30	4	E
29/07/2014	07:55	1	ENE	29/07/2014	12:35	4	SE
29/07/2014	08:00	1	NE	29/07/2014	12:40	3	ESE
29/07/2014	08:05	1	NE	29/07/2014	12:45	3	WNW
29/07/2014	08:10	1	ENE	29/07/2014	12:50	5	NNE
29/07/2014	08:15	2	NNE	29/07/2014	12:55	4	N
29/07/2014	08:20	2	ENE	29/07/2014	13:00	3	NNE
29/07/2014	08:25	2	ESE	29/07/2014	13:05	3	SW
29/07/2014	08:30	1	ESE	29/07/2014	13:10	3	N
29/07/2014	08:35	1	NNE	29/07/2014	13:15	3	ESE
29/07/2014	08:40	1	ENE	29/07/2014	13:20	4	ENE
29/07/2014	08:45	1	NNE	29/07/2014	13:25	3	SE
29/07/2014	08:50	2	ENE	29/07/2014	13:30	3	NE
29/07/2014	08:55	2	ESE	29/07/2014	13:35	3	SSE
29/07/2014	09:00	2	NE	29/07/2014	13:40	5	SSE
29/07/2014	09:05	1	NNE	29/07/2014	13:45	4	SE
29/07/2014	09:10	1	E	29/07/2014	13:50	5	SE
29/07/2014	09:15	3	E	29/07/2014	13:55	5	SSE
29/07/2014	09:20	3	ESE	29/07/2014	14:00	3	SSE
29/07/2014	09:25	4	ENE	29/07/2014	14:05	4	SE
29/07/2014	09:30	4	E	29/07/2014	14:10	4	SSE
29/07/2014	09:35	4	E	29/07/2014	14:15	3	SE
29/07/2014	09:40	5	ENE	29/07/2014	14:20	4	ESE
29/07/2014	09:45	4	ESE	29/07/2014	14:25	4	ESE
29/07/2014	09:50	4	NE	29/07/2014	14:30	4	ENE
29/07/2014	09:55	4	ENE	29/07/2014	14:35	4	NNE
29/07/2014	10:00	6	ESE	29/07/2014	14:40	5	N
29/07/2014	10:05	7	ESE	29/07/2014	14:45	4	N
29/07/2014	10:10	5	ESE	29/07/2014	14:50	2	NE
29/07/2014	10:15	7	ESE	29/07/2014	14:55	4	NNW
29/07/2014	10:20	5	SE	29/07/2014	15:00	4	N
29/07/2014	10:25	6	ESE	29/07/2014	15:05	4	NE
29/07/2014	10:30	6	E	29/07/2014	15:10	3	N
29/07/2014	10:35	4	E	29/07/2014	15:15	2	N
29/07/2014	10:40	4	ENE	29/07/2014	15:20	3	NE
29/07/2014	10:45	4	NNE	29/07/2014	15:25	3	NNE
29/07/2014	10:50	3	ENE	29/07/2014	15:30	3	NNW
29/07/2014	10:55	3	ENE	29/07/2014	15:35	4	NNW
29/07/2014	11:00	4	ENE	29/07/2014	15:40	5	NW
29/07/2014	11:05	4	NNE	29/07/2014	15:45	6	NNW
29/07/2014	11:10	4	NE	29/07/2014	15:50	5	NNW
29/07/2014	11:15	2	ENE	29/07/2014	15:55	6	NNW
29/07/2014	11:20	3	NE	29/07/2014	16:00	6	NNW
29/07/2014	11:25	2	ENE	29/07/2014	16:05	6	NW
29/07/2014	11:30	4	E	29/07/2014	16:10	6	NW
29/07/2014	11:35	3	ENE	29/07/2014	16:15	6	NNW

Extracted from the weather station at Tung Chung China State Site Office Rooftop

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
29/07/2014	16:20	6	NW	29/07/2014	21:00	4	NNW
29/07/2014	16:25	4	NW	29/07/2014	21:05	4	N
29/07/2014	16:30	4	NW	29/07/2014	21:10	4	NNE
29/07/2014	16:35	4	N	29/07/2014	21:15	3	N
29/07/2014	16:40	6	NNW	29/07/2014	21:20	4	NNE
29/07/2014	16:45	5	NNW	29/07/2014	21:25	5	NE
29/07/2014	16:50	5	NNW	29/07/2014	21:30	5	ENE
29/07/2014	16:55	6	NNW	29/07/2014	21:35	4	ENE
29/07/2014	17:00	4	NNW	29/07/2014	21:40	2	E
29/07/2014	17:05	6	N	29/07/2014	21:45	0	---
29/07/2014	17:10	5	NNW	29/07/2014	21:50	3	ENE
29/07/2014	17:15	3	N	29/07/2014	21:55	3	E
29/07/2014	17:20	2	NNE	29/07/2014	22:00	5	E
29/07/2014	17:25	5	N	29/07/2014	22:05	2	ENE
29/07/2014	17:30	3	NE	29/07/2014	22:10	3	SE
29/07/2014	17:35	3	E	29/07/2014	22:15	3	ESE
29/07/2014	17:40	6	ENE	29/07/2014	22:20	2	ESE
29/07/2014	17:45	6	NNE	29/07/2014	22:25	0	ESE
29/07/2014	17:50	6	NW	29/07/2014	22:30	1	ENE
29/07/2014	17:55	3	NW	29/07/2014	22:35	2	E
29/07/2014	18:00	2	N	29/07/2014	22:40	2	NNE
29/07/2014	18:05	6	NNE	29/07/2014	22:45	1	ENE
29/07/2014	18:10	2	NNE	29/07/2014	22:50	0	---
29/07/2014	18:15	4	N	29/07/2014	22:55	0	---
29/07/2014	18:20	3	N	29/07/2014	23:00	3	SE
29/07/2014	18:25	3	NW	29/07/2014	23:05	3	SE
29/07/2014	18:30	3	NNE	29/07/2014	23:10	2	SSE
29/07/2014	18:35	3	NNE	29/07/2014	23:15	1	SSE
29/07/2014	18:40	3	N	29/07/2014	23:20	1	S
29/07/2014	18:45	4	NNW	29/07/2014	23:25	1	S
29/07/2014	18:50	5	NNW	29/07/2014	23:30	0	S
29/07/2014	18:55	6	N	29/07/2014	23:35	0	---
29/07/2014	19:00	5	NNE	29/07/2014	23:40	0	---
29/07/2014	19:05	3	NE	29/07/2014	23:45	0	---
29/07/2014	19:10	3	N	29/07/2014	23:50	0	---
29/07/2014	19:15	4	NNE	29/07/2014	23:55	0	---
29/07/2014	19:20	2	N	30/07/2014	00:00	0	---
29/07/2014	19:25	2	N	30/07/2014	00:05	0	---
29/07/2014	19:30	1	WSW	30/07/2014	00:10	0	---
29/07/2014	19:35	3	ESE	30/07/2014	00:15	0	---
29/07/2014	19:40	3	ESE	30/07/2014	00:20	0	---
29/07/2014	19:45	6	N	30/07/2014	00:25	0	---
29/07/2014	19:50	5	N	30/07/2014	00:30	0	---
29/07/2014	19:55	4	N	30/07/2014	00:35	0	---
29/07/2014	20:00	7	NNW	30/07/2014	00:40	0	---
29/07/2014	20:05	4	N	30/07/2014	00:45	0	---
29/07/2014	20:10	1	NNE	30/07/2014	00:50	0	---
29/07/2014	20:15	3	NNW	30/07/2014	00:55	0	---
29/07/2014	20:20	2	NNW	30/07/2014	01:00	0	---
29/07/2014	20:25	5	NNW	30/07/2014	01:05	0	---
29/07/2014	20:30	4	N	30/07/2014	01:10	0	---
29/07/2014	20:35	6	NNW	30/07/2014	01:15	0	---
29/07/2014	20:40	4	N	30/07/2014	01:20	0	---
29/07/2014	20:45	3	NNW	30/07/2014	01:25	0	---
29/07/2014	20:50	2	NNW	30/07/2014	01:30	0	---
29/07/2014	20:55	4	NNW	30/07/2014	01:35	0	---

Extracted from the weather station at Tung Chung China State Site Office Rooftop

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
30/07/2014	01:40	0	---	30/07/2014	06:20	3	SE
30/07/2014	01:45	0	---	30/07/2014	06:25	2	E
30/07/2014	01:50	0	---	30/07/2014	06:30	2	ENE
30/07/2014	01:55	0	---	30/07/2014	06:35	1	ENE
30/07/2014	02:00	0	---	30/07/2014	06:40	0	---
30/07/2014	02:05	0	---	30/07/2014	06:45	0	---
30/07/2014	02:10	0	---	30/07/2014	06:50	0	ENE
30/07/2014	02:15	0	---	30/07/2014	06:55	0	NNW
30/07/2014	02:20	0	---	30/07/2014	07:00	1	NNW
30/07/2014	02:25	0	---	30/07/2014	07:05	1	NNW
30/07/2014	02:30	0	---	30/07/2014	07:10	1	NE
30/07/2014	02:35	0	---	30/07/2014	07:15	1	NE
30/07/2014	02:40	0	---	30/07/2014	07:20	1	NE
30/07/2014	02:45	0	ENE	30/07/2014	07:25	1	NE
30/07/2014	02:50	0	NW	30/07/2014	07:30	1	NE
30/07/2014	02:55	1	NW	30/07/2014	07:35	2	ENE
30/07/2014	03:00	0	---	30/07/2014	07:40	2	SE
30/07/2014	03:05	0	---	30/07/2014	07:45	2	E
30/07/2014	03:10	0	---	30/07/2014	07:50	2	E
30/07/2014	03:15	0	---	30/07/2014	07:55	2	E
30/07/2014	03:20	0	NW	30/07/2014	08:00	3	E
30/07/2014	03:25	0	NW	30/07/2014	08:05	2	E
30/07/2014	03:30	1	NW	30/07/2014	08:10	2	E
30/07/2014	03:35	1	NW	30/07/2014	08:15	3	E
30/07/2014	03:40	0	---	30/07/2014	08:20	3	E
30/07/2014	03:45	0	NW	30/07/2014	08:25	2	E
30/07/2014	03:50	2	NW	30/07/2014	08:30	2	ENE
30/07/2014	03:55	2	WNW	30/07/2014	08:35	5	N
30/07/2014	04:00	2	NW	30/07/2014	08:40	6	NW
30/07/2014	04:05	1	NW	30/07/2014	08:45	6	NNW
30/07/2014	04:10	2	NNW	30/07/2014	08:50	6	NNW
30/07/2014	04:15	1	NW	30/07/2014	08:55	4	NNW
30/07/2014	04:20	2	N	30/07/2014	09:00	5	N
30/07/2014	04:25	2	N	30/07/2014	09:05	3	N
30/07/2014	04:30	1	N	30/07/2014	09:10	5	NNW
30/07/2014	04:35	1	N	30/07/2014	09:15	4	N
30/07/2014	04:40	1	ESE	30/07/2014	09:20	6	NNW
30/07/2014	04:45	1	NNW	30/07/2014	09:25	5	NW
30/07/2014	04:50	2	NE	30/07/2014	09:30	3	WNW
30/07/2014	04:55	2	E	30/07/2014	09:35	5	N
30/07/2014	05:00	1	E	30/07/2014	09:40	7	NNW
30/07/2014	05:05	2	E	30/07/2014	09:45	6	NNW
30/07/2014	05:10	2	E	30/07/2014	09:50	5	NNW
30/07/2014	05:15	3	E	30/07/2014	09:55	7	NNW
30/07/2014	05:20	3	E	30/07/2014	10:00	7	NNW
30/07/2014	05:25	3	E	30/07/2014	10:05	4	NW
30/07/2014	05:30	3	E	30/07/2014	10:10	5	NNW
30/07/2014	05:35	3	E	30/07/2014	10:15	5	NNW
30/07/2014	05:40	2	E	30/07/2014	10:20	5	N
30/07/2014	05:45	2	ESE	30/07/2014	10:25	7	NNW
30/07/2014	05:50	2	ESE	30/07/2014	10:30	7	NNW
30/07/2014	05:55	2	ESE	30/07/2014	10:35	7	NW
30/07/2014	06:00	3	ESE	30/07/2014	10:40	4	NW
30/07/2014	06:05	2	SSE	30/07/2014	10:45	5	NNW
30/07/2014	06:10	3	SE	30/07/2014	10:50	4	NNW
30/07/2014	06:15	3	ESE	30/07/2014	10:55	4	N

Extracted from the weather station at Tung Chung China State Site Office Rooftop

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
30/07/2014	11:00	7	NNW	30/07/2014	15:40	0	---
30/07/2014	11:05	8	NNW	30/07/2014	15:45	0	---
30/07/2014	11:10	7	NW	30/07/2014	15:50	0	---
30/07/2014	11:15	5	NW	30/07/2014	15:55	1	E
30/07/2014	11:20	5	N	30/07/2014	16:00	3	ESE
30/07/2014	11:25	2	N	30/07/2014	16:05	3	E
30/07/2014	11:30	2	ENE	30/07/2014	16:10	0	E
30/07/2014	11:35	3	ENE	30/07/2014	16:15	0	---
30/07/2014	11:40	2	ENE	30/07/2014	16:20	0	E
30/07/2014	11:45	4	SE	30/07/2014	16:25	1	N
30/07/2014	11:50	4	ESE	30/07/2014	16:30	3	WNW
30/07/2014	11:55	3	ESE	30/07/2014	16:35	4	NW
30/07/2014	12:00	4	E	30/07/2014	16:40	2	NNW
30/07/2014	12:05	4	ESE	30/07/2014	16:45	4	NW
30/07/2014	12:10	4	ESE	30/07/2014	16:50	4	NW
30/07/2014	12:15	5	SE	30/07/2014	16:55	3	NW
30/07/2014	12:20	6	SE	30/07/2014	17:00	2	N
30/07/2014	12:25	6	SE	30/07/2014	17:05	2	NNW
30/07/2014	12:30	6	SE	30/07/2014	17:10	2	NE
30/07/2014	12:35	7	SE	30/07/2014	17:15	2	NNW
30/07/2014	12:40	6	SE	30/07/2014	17:20	2	N
30/07/2014	12:45	6	SE	30/07/2014	17:25	2	NNE
30/07/2014	12:50	7	ESE	30/07/2014	17:30	3	N
30/07/2014	12:55	6	SE	30/07/2014	17:35	3	NW
30/07/2014	13:00	6	SE	30/07/2014	17:40	2	WNW
30/07/2014	13:05	6	SE	30/07/2014	17:45	3	NW
30/07/2014	13:10	7	SE	30/07/2014	17:50	1	ENE
30/07/2014	13:15	6	SE	30/07/2014	17:55	1	S
30/07/2014	13:20	6	SE	30/07/2014	18:00	1	ENE
30/07/2014	13:25	5	SE	30/07/2014	18:05	2	E
30/07/2014	13:30	6	SE	30/07/2014	18:10	2	SE
30/07/2014	13:35	7	ESE	30/07/2014	18:15	4	N
30/07/2014	13:40	6	SE	30/07/2014	18:20	5	NW
30/07/2014	13:45	6	SE	30/07/2014	18:25	4	N
30/07/2014	13:50	6	SE	30/07/2014	18:30	4	NW
30/07/2014	13:55	5	SE	30/07/2014	18:35	4	N
30/07/2014	14:00	5	SE	30/07/2014	18:40	5	NW
30/07/2014	14:05	6	SE	30/07/2014	18:45	2	N
30/07/2014	14:10	6	SE	30/07/2014	18:50	2	S
30/07/2014	14:15	4	SE	30/07/2014	18:55	3	SSW
30/07/2014	14:20	7	SE	30/07/2014	19:00	2	SSE
30/07/2014	14:25	8	SE	30/07/2014	19:05	2	ENE
30/07/2014	14:30	7	SE	30/07/2014	19:10	2	ENE
30/07/2014	14:35	7	SE	30/07/2014	19:15	2	SSE
30/07/2014	14:40	6	SE	30/07/2014	19:20	0	SSE
30/07/2014	14:45	6	SE	30/07/2014	19:25	0	---
30/07/2014	14:50	5	SE	30/07/2014	19:30	0	---
30/07/2014	14:55	3	SE	30/07/2014	19:35	1	SSE
30/07/2014	15:00	2	SE	30/07/2014	19:40	2	SSE
30/07/2014	15:05	3	ENE	30/07/2014	19:45	1	SE
30/07/2014	15:10	4	NNW	30/07/2014	19:50	2	SE
30/07/2014	15:15	2	NNW	30/07/2014	19:55	3	ESE
30/07/2014	15:20	2	NE	30/07/2014	20:00	0	SE
30/07/2014	15:25	2	N	30/07/2014	20:05	1	ESE
30/07/2014	15:30	2	NNE	30/07/2014	20:10	1	NNE
30/07/2014	15:35	0	---	30/07/2014	20:15	4	N

Extracted from the weather station at Tung Chung China State Site Office Rooftop

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
30/07/2014	20:20	5	N	31/07/2014	01:00	0	---
30/07/2014	20:25	3	NW	31/07/2014	01:05	0	---
30/07/2014	20:30	3	NW	31/07/2014	01:10	0	---
30/07/2014	20:35	0	NNW	31/07/2014	01:15	0	---
30/07/2014	20:40	2	N	31/07/2014	01:20	0	---
30/07/2014	20:45	1	N	31/07/2014	01:25	2	W
30/07/2014	20:50	2	SE	31/07/2014	01:30	2	W
30/07/2014	20:55	1	NE	31/07/2014	01:35	2	W
30/07/2014	21:00	2	NNE	31/07/2014	01:40	2	WNW
30/07/2014	21:05	0	WNW	31/07/2014	01:45	1	WNW
30/07/2014	21:10	1	NW	31/07/2014	01:50	2	WNW
30/07/2014	21:15	1	N	31/07/2014	01:55	2	WNW
30/07/2014	21:20	0	N	31/07/2014	02:00	2	W
30/07/2014	21:25	0	S	31/07/2014	02:05	1	W
30/07/2014	21:30	0	---	31/07/2014	02:10	1	W
30/07/2014	21:35	0	---	31/07/2014	02:15	1	NNW
30/07/2014	21:40	0	---	31/07/2014	02:20	2	WNW
30/07/2014	21:45	0	SSW	31/07/2014	02:25	1	WSW
30/07/2014	21:50	1	SSW	31/07/2014	02:30	0	WSW
30/07/2014	21:55	0	SSW	31/07/2014	02:35	0	---
30/07/2014	22:00	0	---	31/07/2014	02:40	0	---
30/07/2014	22:05	0	---	31/07/2014	02:45	0	---
30/07/2014	22:10	0	SSW	31/07/2014	02:50	0	---
30/07/2014	22:15	0	NW	31/07/2014	02:55	0	---
30/07/2014	22:20	0	---	31/07/2014	03:00	0	---
30/07/2014	22:25	0	---	31/07/2014	03:05	0	---
30/07/2014	22:30	0	---	31/07/2014	03:10	0	---
30/07/2014	22:35	0	---	31/07/2014	03:15	0	---
30/07/2014	22:40	0	---	31/07/2014	03:20	0	---
30/07/2014	22:45	0	NW	31/07/2014	03:25	0	---
30/07/2014	22:50	1	NW	31/07/2014	03:30	0	---
30/07/2014	22:55	1	N	31/07/2014	03:35	0	---
30/07/2014	23:00	1	N	31/07/2014	03:40	0	---
30/07/2014	23:05	0	---	31/07/2014	03:45	0	---
30/07/2014	23:10	0	---	31/07/2014	03:50	0	---
30/07/2014	23:15	0	---	31/07/2014	03:55	0	---
30/07/2014	23:20	0	---	31/07/2014	04:00	0	---
30/07/2014	23:25	0	---	31/07/2014	04:05	0	NNW
30/07/2014	23:30	0	---	31/07/2014	04:10	1	NNW
30/07/2014	23:35	0	---	31/07/2014	04:15	2	NNW
30/07/2014	23:40	0	---	31/07/2014	04:20	3	NNW
30/07/2014	23:45	0	---	31/07/2014	04:25	2	NNW
30/07/2014	23:50	1	NNW	31/07/2014	04:30	2	NNW
30/07/2014	23:55	1	NW	31/07/2014	04:35	2	NNW
31/07/2014	00:00	0	NW	31/07/2014	04:40	2	NNW
31/07/2014	00:05	0	NW	31/07/2014	04:45	1	NNW
31/07/2014	00:10	0	---	31/07/2014	04:50	2	NNW
31/07/2014	00:15	0	---	31/07/2014	04:55	2	N
31/07/2014	00:20	1	NW	31/07/2014	05:00	3	NW
31/07/2014	00:25	2	WSW	31/07/2014	05:05	3	N
31/07/2014	00:30	1	SSW	31/07/2014	05:10	3	NW
31/07/2014	00:35	0	WNW	31/07/2014	05:15	3	N
31/07/2014	00:40	0	---	31/07/2014	05:20	3	NNW
31/07/2014	00:45	0	---	31/07/2014	05:25	3	NNE
31/07/2014	00:50	0	---	31/07/2014	05:30	1	NNE
31/07/2014	00:55	0	---	31/07/2014	05:35	2	NNE

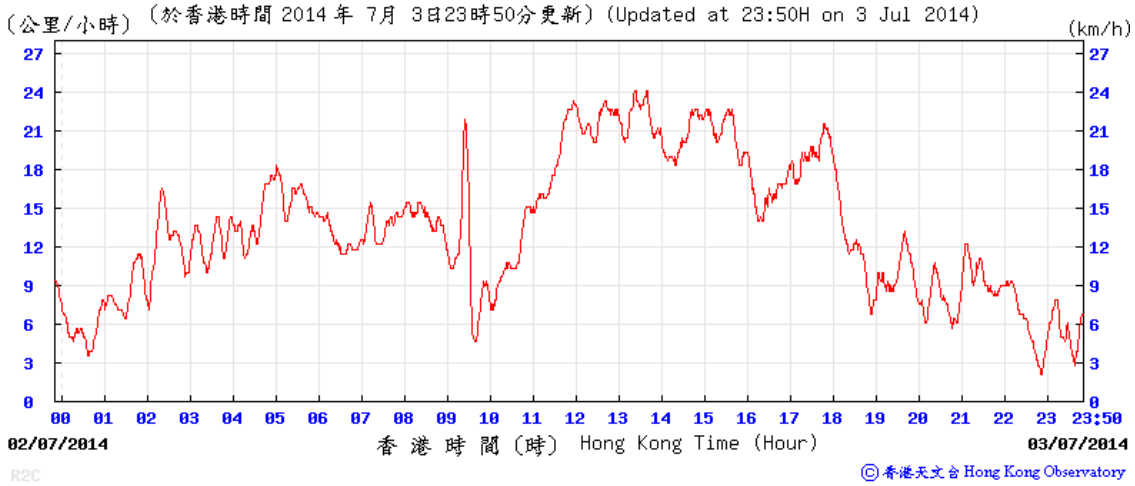
Extracted from the weather station at Tung Chung China State Site Office Rooftop

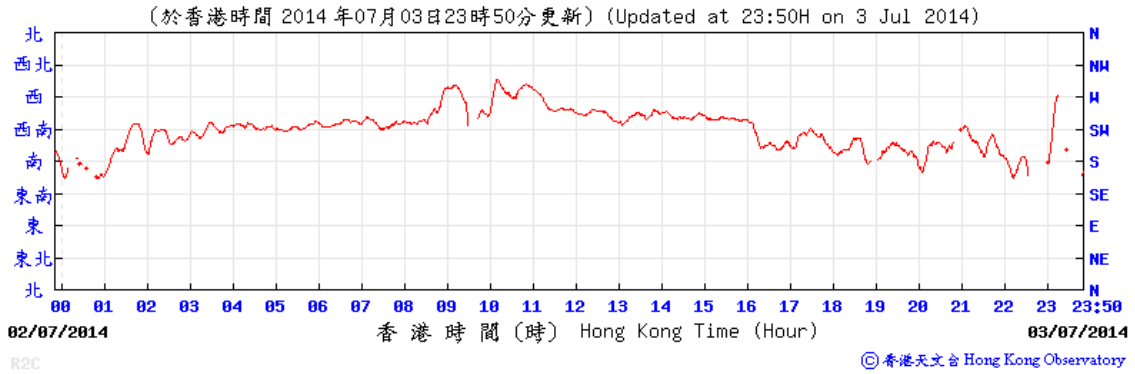
Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
31/07/2014	05:40	1	NNE	31/07/2014	10:20	5	NNW
31/07/2014	05:45	1	NW	31/07/2014	10:25	6	NW
31/07/2014	05:50	2	NNE	31/07/2014	10:30	5	NW
31/07/2014	05:55	3	ENE	31/07/2014	10:35	4	NW
31/07/2014	06:00	4	E	31/07/2014	10:40	4	WNW
31/07/2014	06:05	5	E	31/07/2014	10:45	5	WNW
31/07/2014	06:10	5	E	31/07/2014	10:50	5	NW
31/07/2014	06:15	4	E	31/07/2014	10:55	6	NW
31/07/2014	06:20	4	ESE	31/07/2014	11:00	6	NW
31/07/2014	06:25	3	E	31/07/2014	11:05	7	NNW
31/07/2014	06:30	3	ESE	31/07/2014	11:10	6	NW
31/07/2014	06:35	3	SE	31/07/2014	11:15	6	NNW
31/07/2014	06:40	5	SE	31/07/2014	11:20	6	NNW
31/07/2014	06:45	4	SE	31/07/2014	11:25	6	NNW
31/07/2014	06:50	3	ESE	31/07/2014	11:30	6	NNW
31/07/2014	06:55	2	ESE	31/07/2014	11:35	5	NNW
31/07/2014	07:00	4	NNE	31/07/2014	11:40	6	NNW
31/07/2014	07:05	2	SE	31/07/2014	11:45	5	NNW
31/07/2014	07:10	2	NNE	31/07/2014	11:50	6	NNW
31/07/2014	07:15	3	N	31/07/2014	11:55	7	NNW
31/07/2014	07:20	3	N	31/07/2014	12:00	5	NNW
31/07/2014	07:25	4	N	31/07/2014	12:05	5	NNW
31/07/2014	07:30	6	NNW	31/07/2014	12:10	6	NNW
31/07/2014	07:35	4	N	31/07/2014	12:15	7	NNW
31/07/2014	07:40	5	N	31/07/2014	12:20	7	NNW
31/07/2014	07:45	7	NNW	31/07/2014	12:25	5	NNW
31/07/2014	07:50	6	NNW	31/07/2014	12:30	6	NNW
31/07/2014	07:55	5	N	31/07/2014	12:35	5	NNW
31/07/2014	08:00	4	N	31/07/2014	12:40	6	NNW
31/07/2014	08:05	6	NNE	31/07/2014	12:45	5	NNW
31/07/2014	08:10	5	N	31/07/2014	12:50	7	NNW
31/07/2014	08:15	5	NNE	31/07/2014	12:55	6	NNW
31/07/2014	08:20	6	N	31/07/2014	13:00	7	N
31/07/2014	08:25	7	N	31/07/2014	13:05	6	N
31/07/2014	08:30	7	N	31/07/2014	13:10	5	NNW
31/07/2014	08:35	7	NNE	31/07/2014	13:15	6	N
31/07/2014	08:40	8	NNW	31/07/2014	13:20	5	N
31/07/2014	08:45	9	NNW	31/07/2014	13:25	5	N
31/07/2014	08:50	11	NNW	31/07/2014	13:30	4	N
31/07/2014	08:55	10	NNW	31/07/2014	13:35	4	NW
31/07/2014	09:00	8	N	31/07/2014	13:40	5	NW
31/07/2014	09:05	9	N	31/07/2014	13:45	4	NW
31/07/2014	09:10	8	N	31/07/2014	13:50	3	N
31/07/2014	09:15	9	N	31/07/2014	13:55	4	N
31/07/2014	09:20	8	N	31/07/2014	14:00	4	NNW
31/07/2014	09:25	9	N	31/07/2014	14:05	5	N
31/07/2014	09:30	9	N	31/07/2014	14:10	4	NNE
31/07/2014	09:35	10	N	31/07/2014	14:15	5	N
31/07/2014	09:40	7	NNW	31/07/2014	14:20	4	N
31/07/2014	09:45	7	NNW	31/07/2014	14:25	3	N
31/07/2014	09:50	6	NNW	31/07/2014	14:30	4	N
31/07/2014	09:55	5	NNW	31/07/2014	14:35	0	W
31/07/2014	10:00	6	N	31/07/2014	14:40	2	NNW
31/07/2014	10:05	6	N	31/07/2014	14:45	3	NNW
31/07/2014	10:10	6	NNW	31/07/2014	14:50	4	N
31/07/2014	10:15	5	NW	31/07/2014	14:55	4	WNW

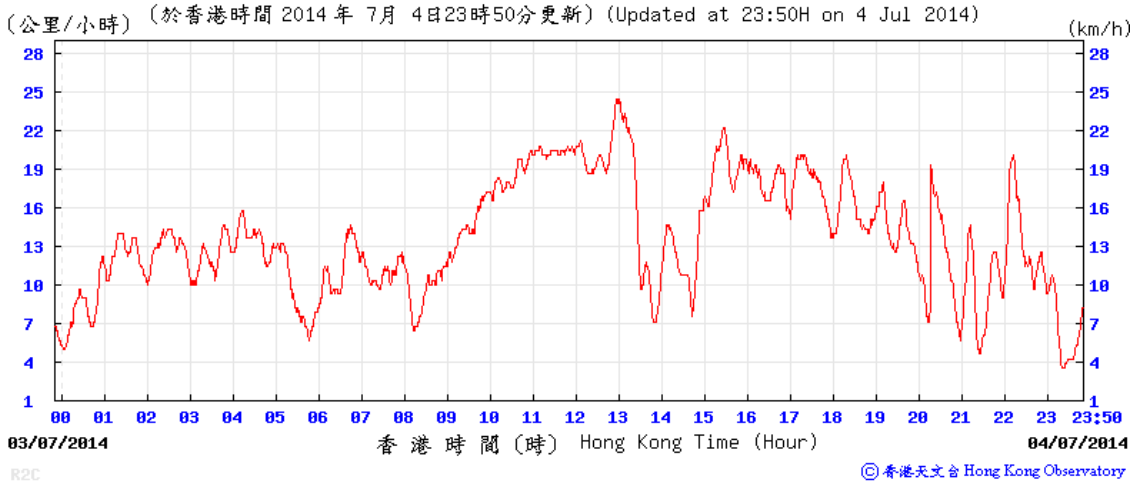
Extracted from the weather station at Tung Chung China State Site Office Rooftop

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
31/07/2014	15:00	4	NNW
31/07/2014	15:05	4	NNW
31/07/2014	15:10	4	NW
31/07/2014	15:15	4	NW
31/07/2014	15:20	4	NNW
31/07/2014	15:25	4	NNW
31/07/2014	15:30	4	NNW
31/07/2014	15:35	2	N
31/07/2014	15:40	1	N
31/07/2014	15:45	2	WNW
31/07/2014	15:50	3	NNW
31/07/2014	15:55	3	NNE
31/07/2014	16:00	4	NW
31/07/2014	16:05	1	NW
31/07/2014	16:10	1	SE
31/07/2014	16:15	2	ENE
31/07/2014	16:20	1	NE
31/07/2014	16:25	4	SE
31/07/2014	16:30	1	ESE
31/07/2014	16:35	0	---
31/07/2014	16:40	0	ESE
31/07/2014	16:45	0	---
31/07/2014	16:50	0	---
31/07/2014	16:55	0	---
31/07/2014	17:00	0	---
31/07/2014	17:05	0	SE
31/07/2014	17:10	4	SE
31/07/2014	17:15	3	NE
31/07/2014	17:20	2	N
31/07/2014	17:25	3	SSE
31/07/2014	17:30	5	SSE
31/07/2014	17:35	4	SE
31/07/2014	17:40	3	SSE
31/07/2014	17:45	4	SE
31/07/2014	17:50	2	N
31/07/2014	17:55	3	SSE
31/07/2014	18:00	3	N
31/07/2014	18:05	3	WNW
31/07/2014	18:10	3	E
31/07/2014	18:15	5	SE
31/07/2014	18:20	4	S
31/07/2014	18:25	2	E
31/07/2014	18:30	3	S
31/07/2014	18:35	4	S
31/07/2014	18:40	3	ENE
31/07/2014	18:45	3	S
31/07/2014	18:50	3	NE
31/07/2014	18:55	3	NE
31/07/2014	19:00	5	N
31/07/2014	19:05	5	SE
31/07/2014	19:10	3	N
31/07/2014	19:15	4	NNW
31/07/2014	19:20	4	NNW
31/07/2014	19:25	3	NW
31/07/2014	19:30	2	ENE
31/07/2014	19:35	4	SSE
31/07/2014	19:40	3	WSW
31/07/2014	19:45	3	NNW
31/07/2014	19:50	4	NW
31/07/2014	19:55	1	ENE
31/07/2014	20:00	3	NNE
31/07/2014	20:05	3	E
31/07/2014	20:10	1	E
31/07/2014	20:15	2	ESE
31/07/2014	20:20	2	ENE
31/07/2014	20:25	2	E
31/07/2014	20:30	3	E
31/07/2014	20:35	4	E
31/07/2014	20:40	2	SSW
31/07/2014	20:45	3	SSE
31/07/2014	20:50	1	ESE
31/07/2014	20:55	3	SSW
31/07/2014	21:00	2	SE
31/07/2014	21:05	2	SE
31/07/2014	21:10	2	SE
31/07/2014	21:15	6	NNW
31/07/2014	21:20	4	N
31/07/2014	21:25	3	S
31/07/2014	21:30	6	NW
31/07/2014	21:35	5	E
31/07/2014	21:40	3	ESE
31/07/2014	21:45	4	SSE
31/07/2014	21:50	4	NW
31/07/2014	21:55	4	NW
31/07/2014	22:00	5	WNW
31/07/2014	22:05	1	NW
31/07/2014	22:10	2	WSW
31/07/2014	22:15	3	S
31/07/2014	22:20	2	NW
31/07/2014	22:25	2	ENE
31/07/2014	22:30	2	ENE
31/07/2014	22:35	2	NNE
31/07/2014	22:40	2	NE
31/07/2014	22:45	3	SE
31/07/2014	22:50	2	WNW
31/07/2014	22:55	1	NW
31/07/2014	23:00	1	NE
31/07/2014	23:05	2	SSE
31/07/2014	23:10	3	SE
31/07/2014	23:15	2	ESE
31/07/2014	23:20	4	ENE
31/07/2014	23:25	3	SE
31/07/2014	23:30	2	SSE
31/07/2014	23:35	2	ENE
31/07/2014	23:40	2	ESE
31/07/2014	23:45	2	E
31/07/2014	23:50	2	ENE
31/07/2014	23:55	1	SSE
01/08/2014	00:00	1	SSE

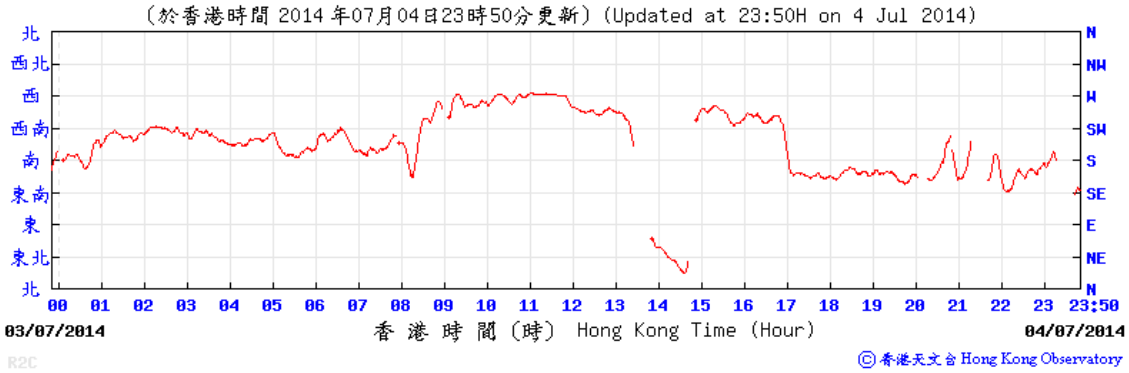
Wind data of Hong Kong Observatory's Chek Lap Kok weather station

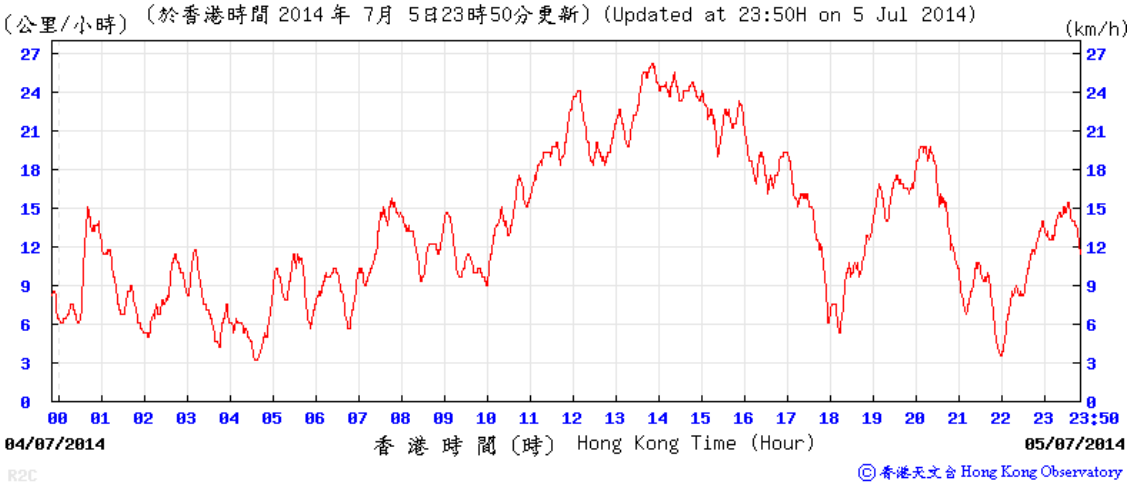


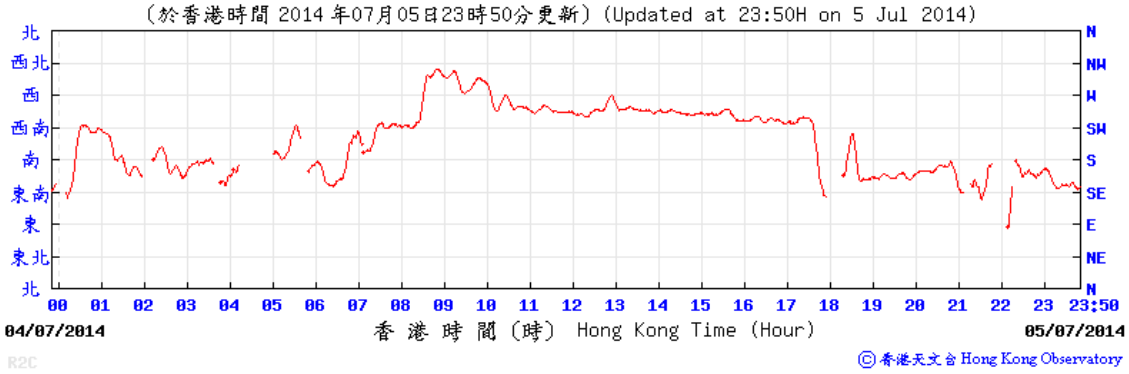




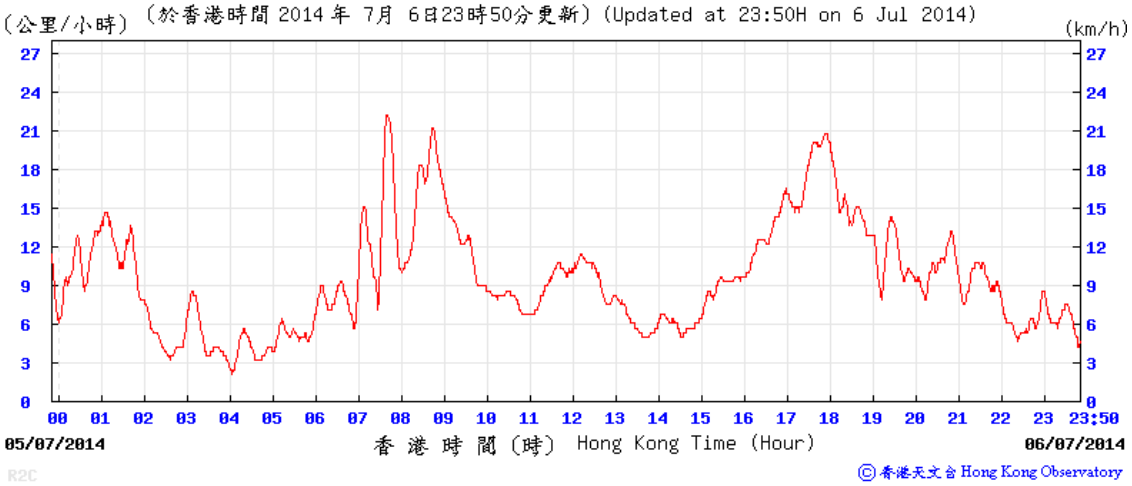
Wind data of Hong Kong Observatory's Chek Lap Kok weather station

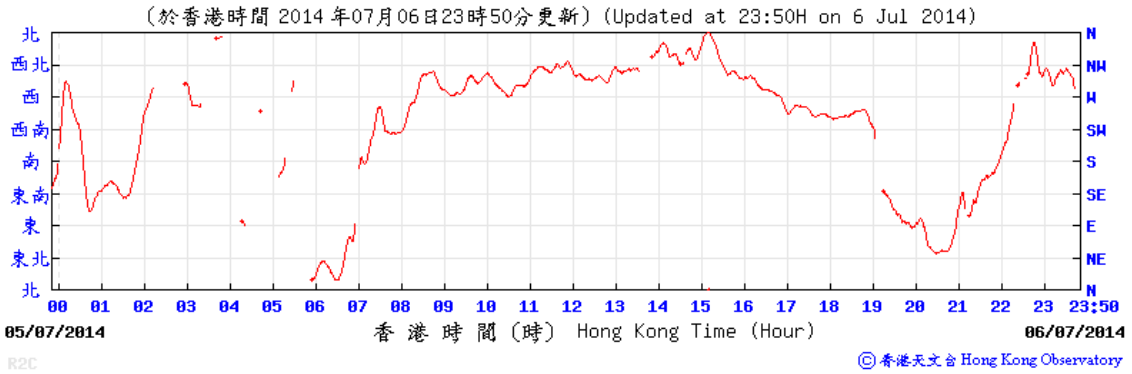


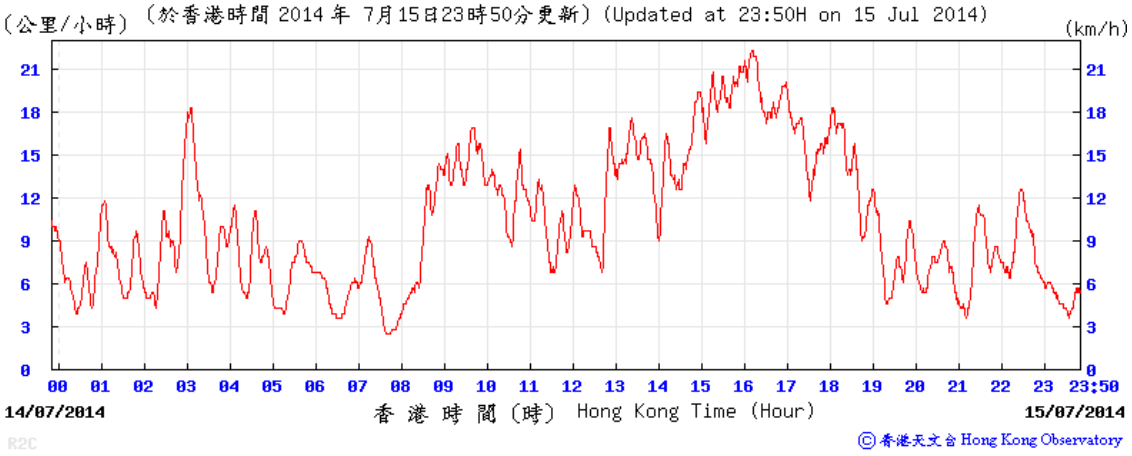




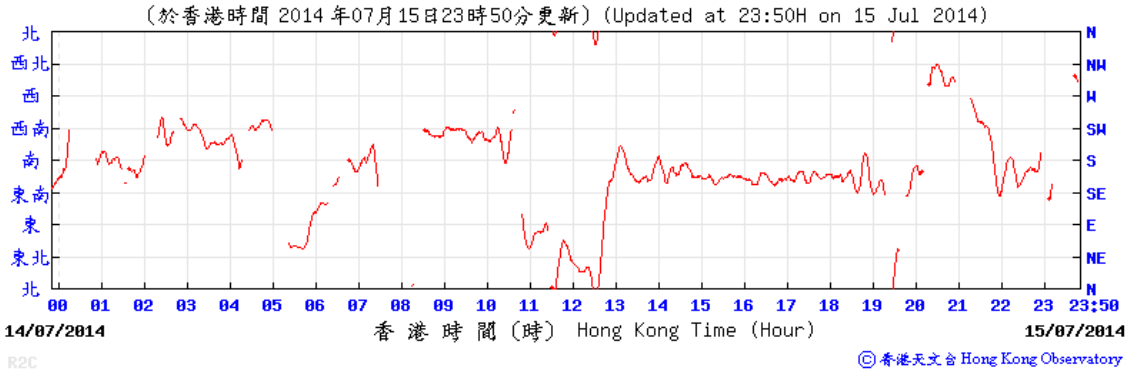
Wind data of Hong Kong Observatory's Chek Lap Kok weather station

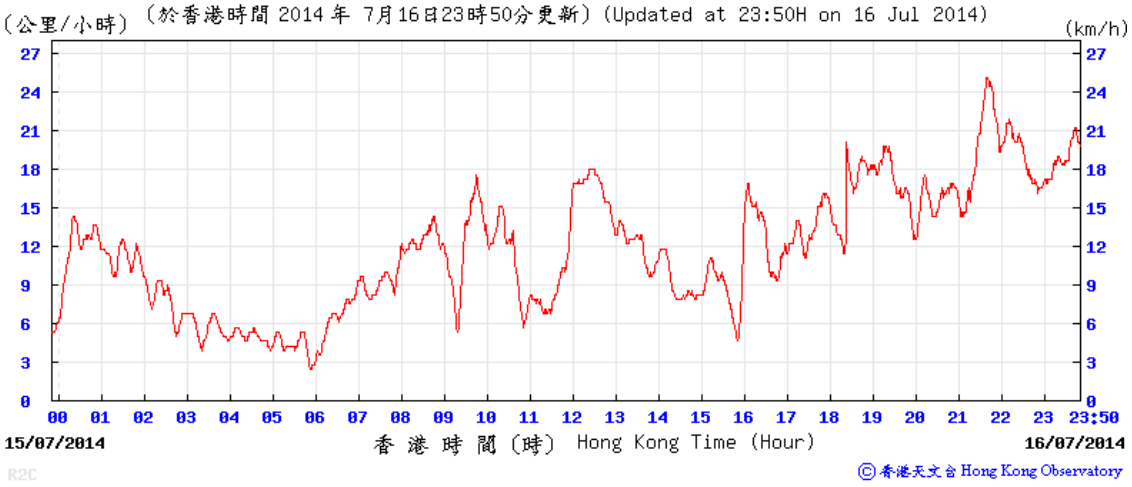


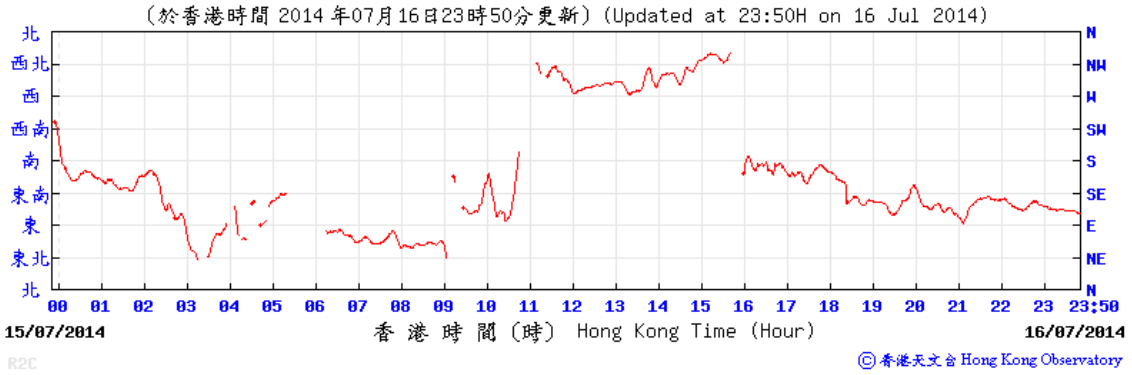




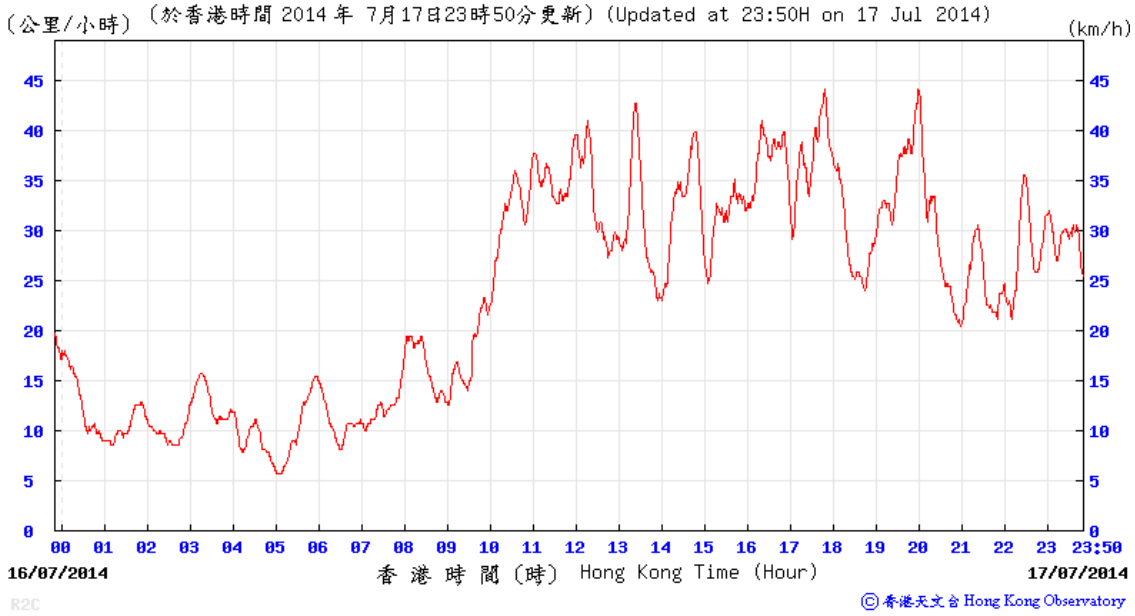
Wind data of Hong Kong Observatory's Chek Lap Kok weather station

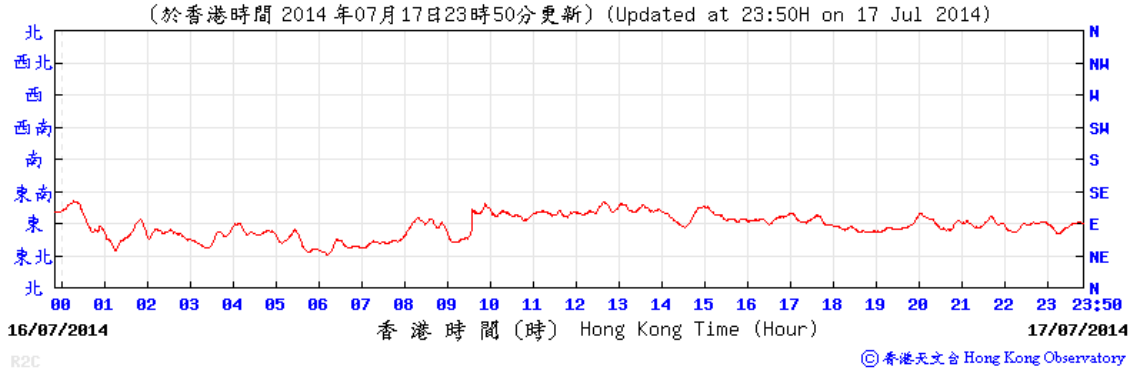


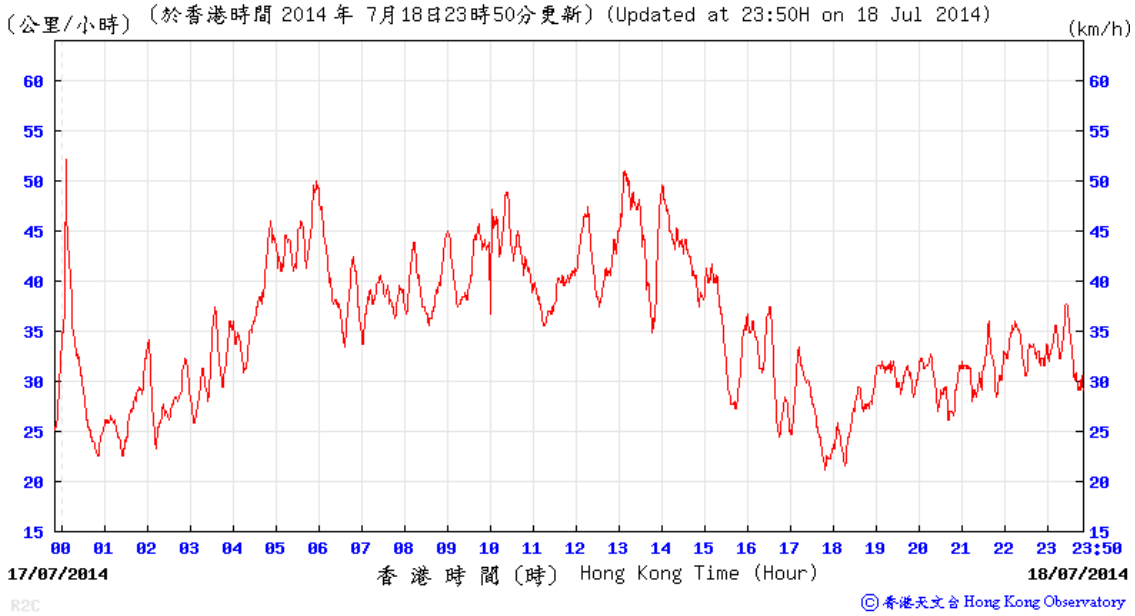




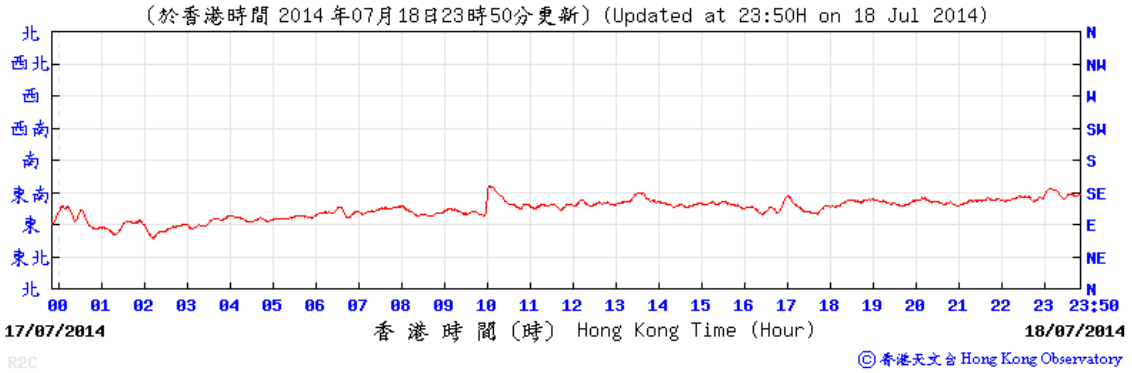
Wind data of Hong Kong Observatory's Chek Lap Kok weather station

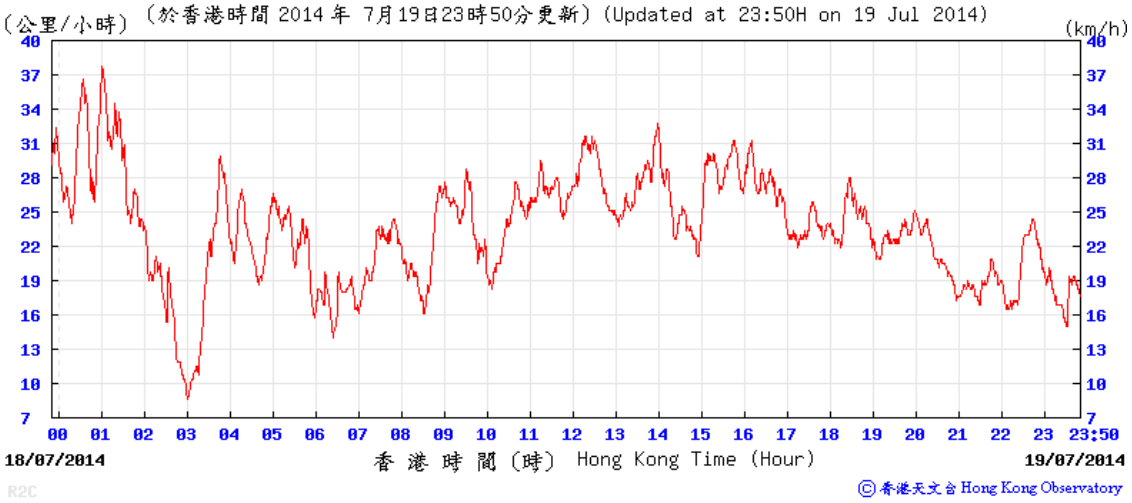


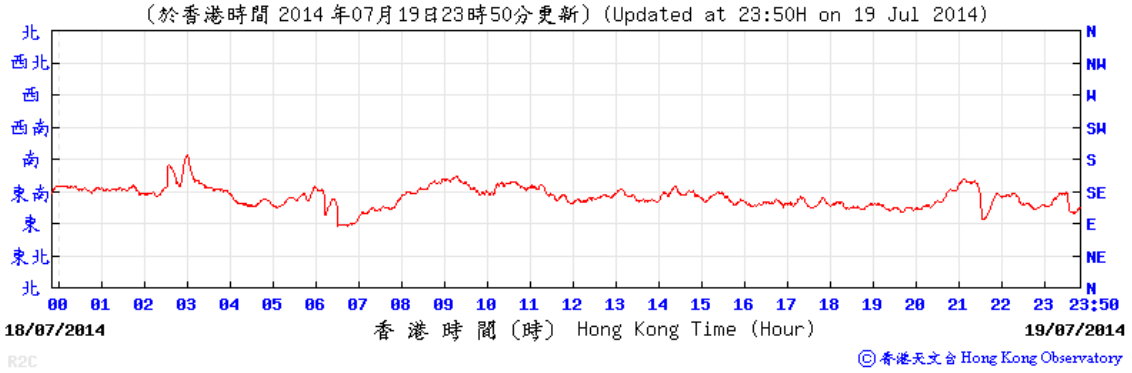




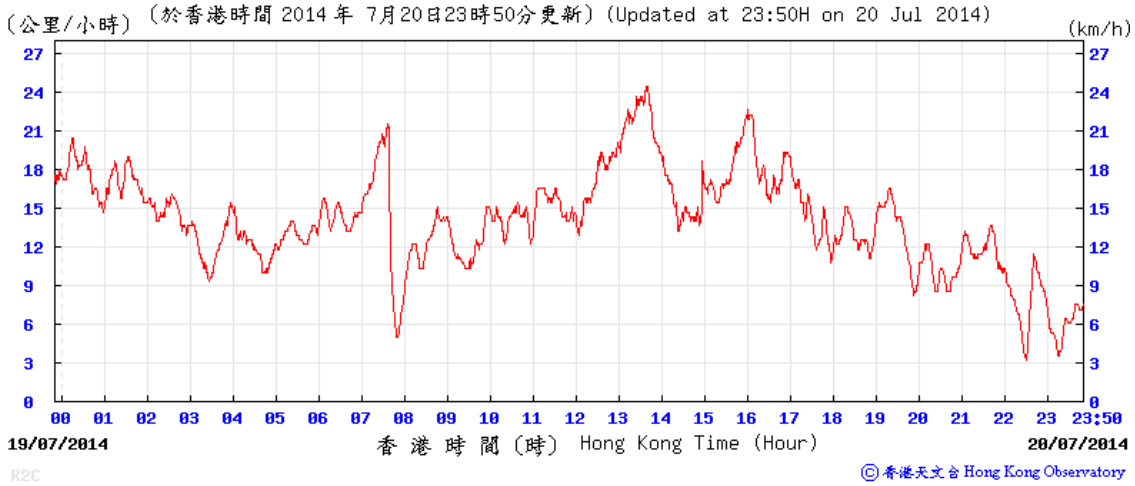
Wind data of Hong Kong Observatory's Chek Lap Kok weather station

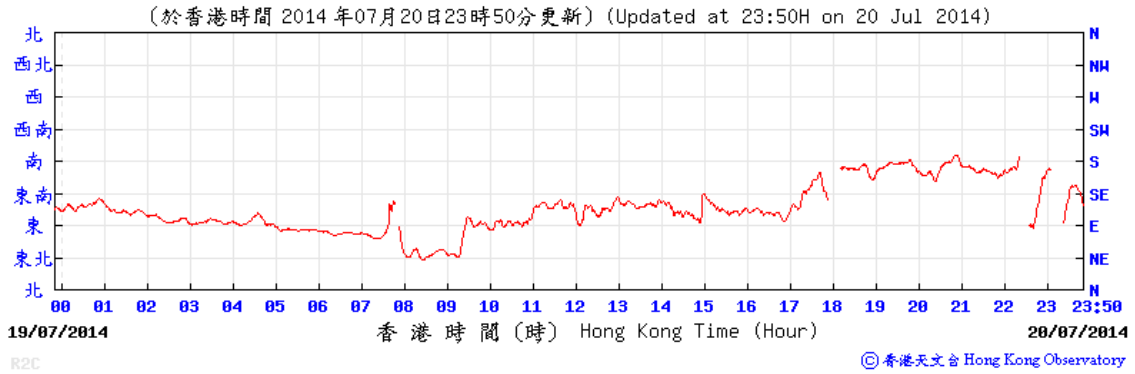


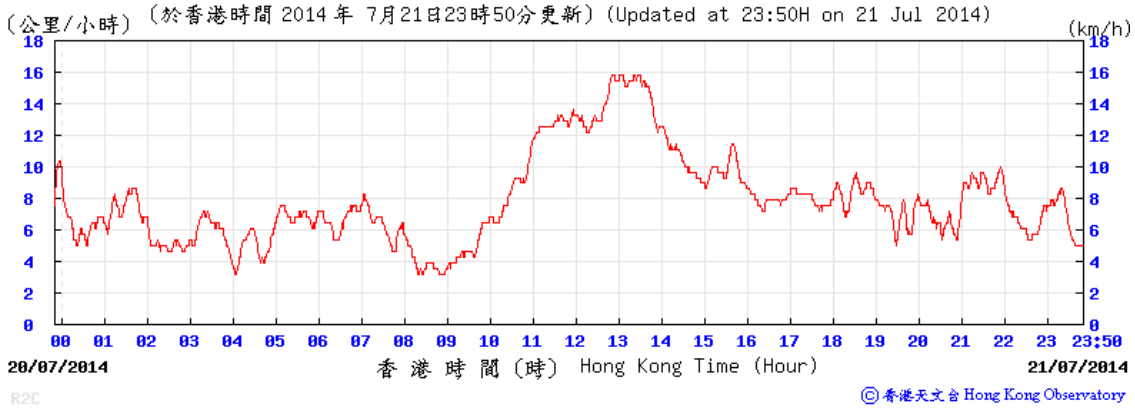




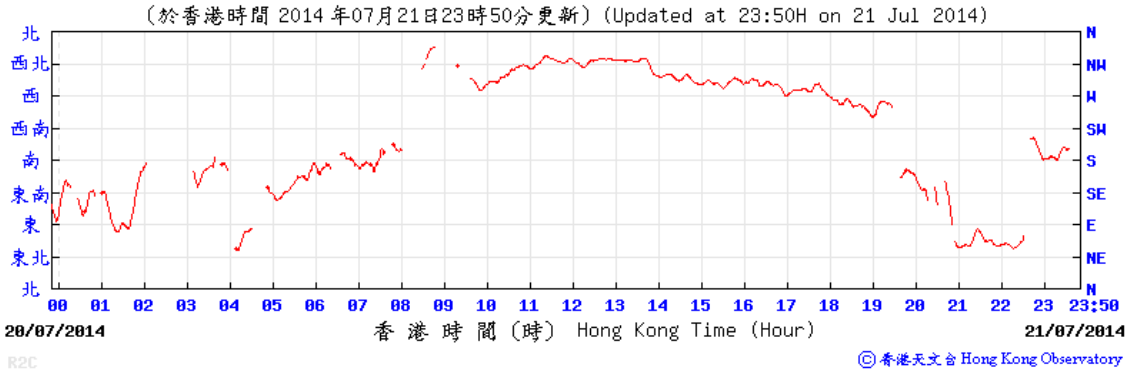
Wind data of Hong Kong Observatory's Chek Lap Kok weather station

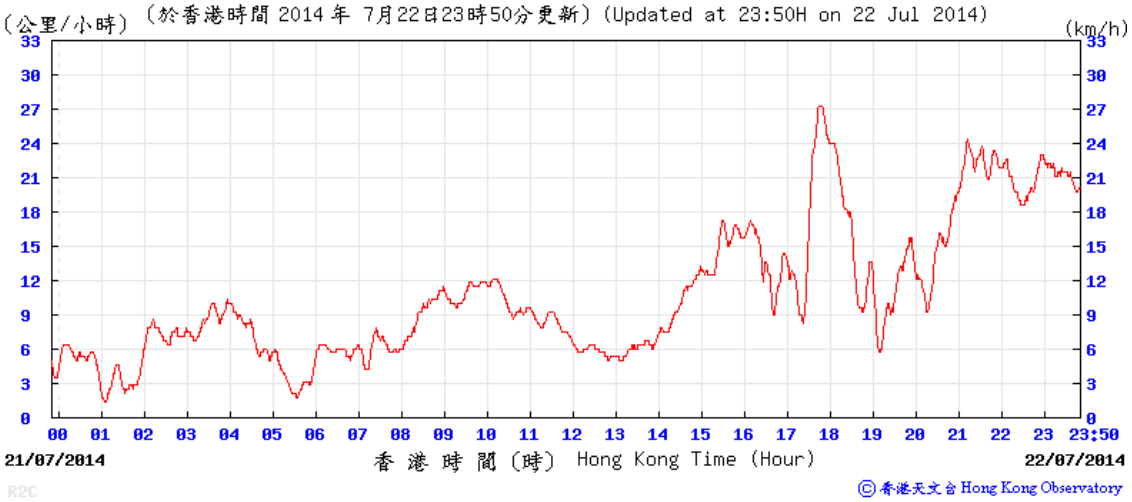


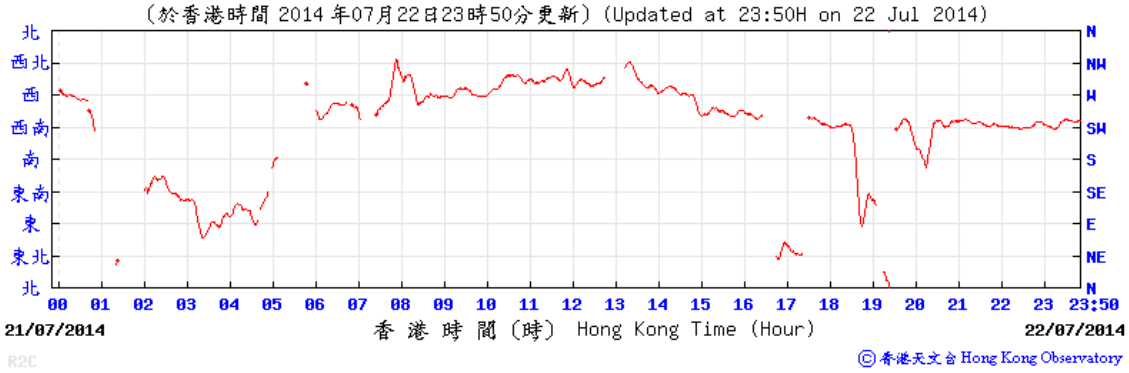




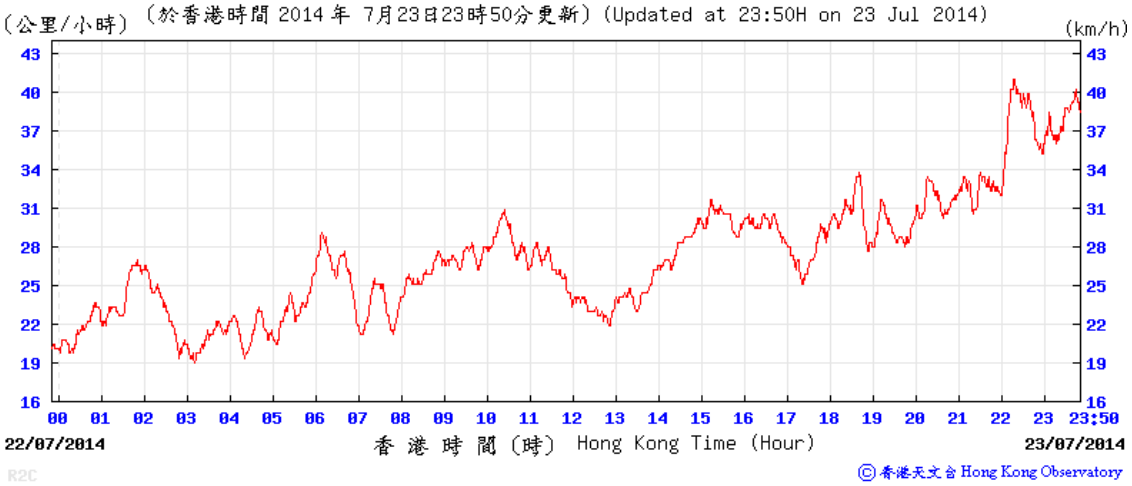
Wind data of Hong Kong Observatory's Chek Lap Kok weather station

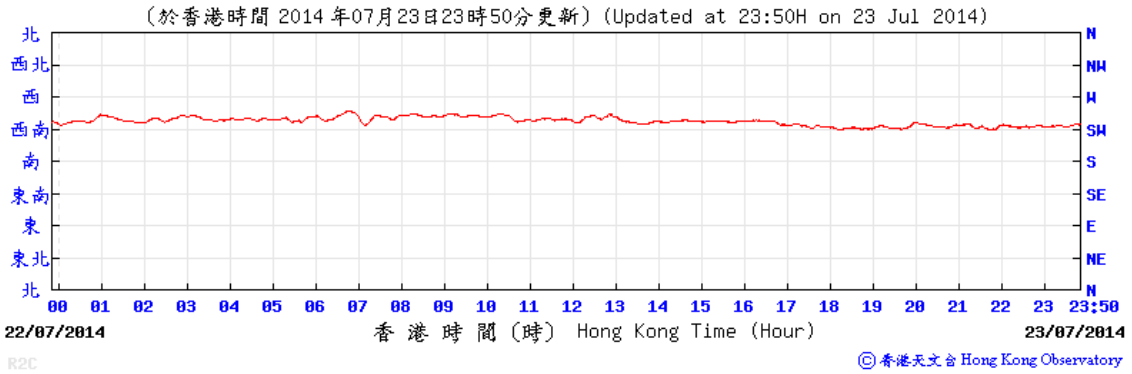


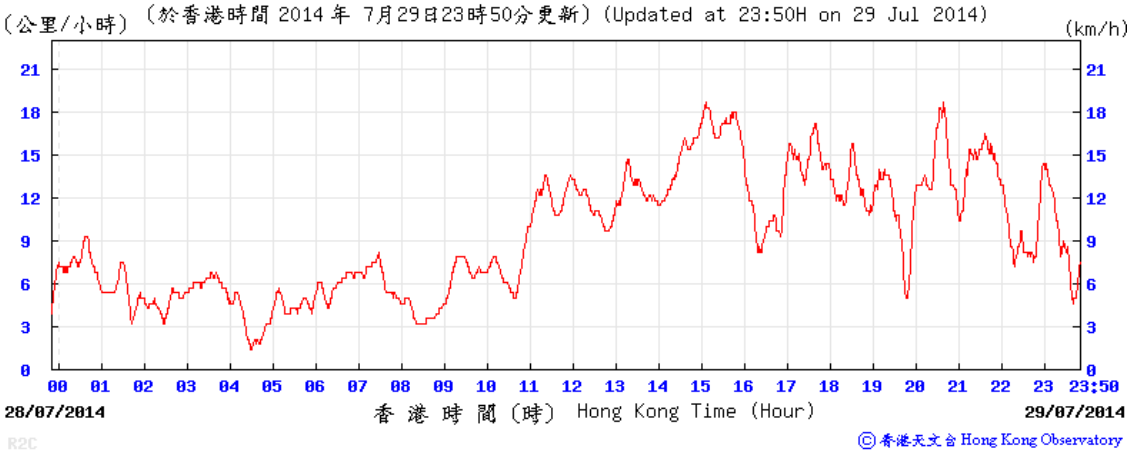




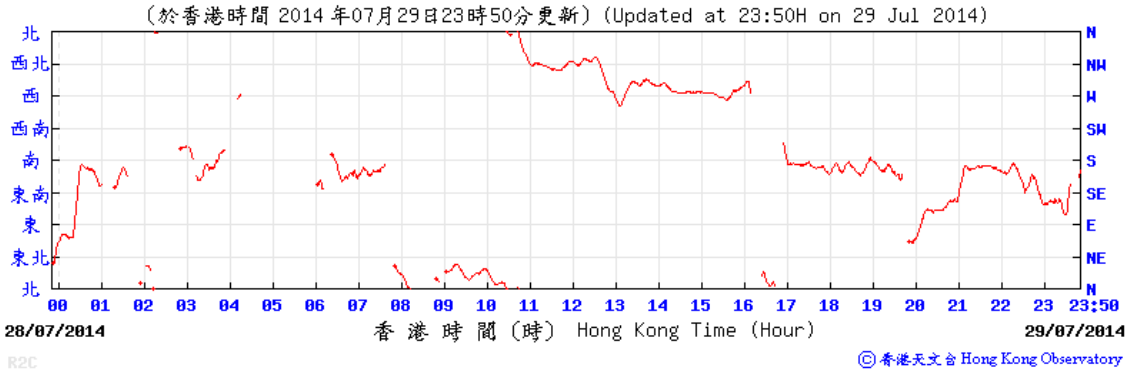
Wind data of Hong Kong Observatory's Chek Lap Kok weather station







Wind data of Hong Kong Observatory's Chek Lap Kok weather station



APPENDIX H

Dolphin Monitoring Results

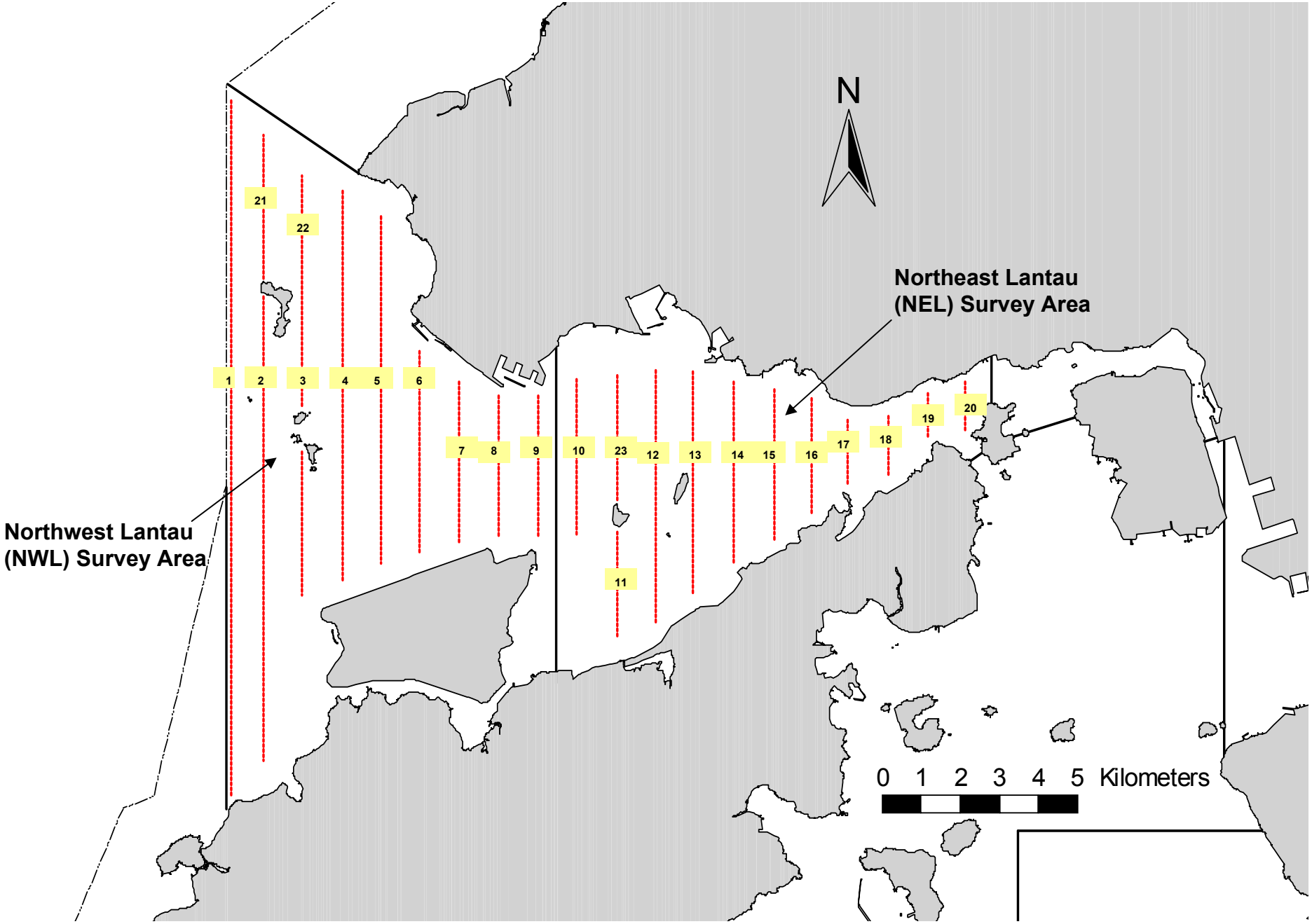


Figure 1. Transect Line Layout in Northwest and Northeast Lantau Survey Areas

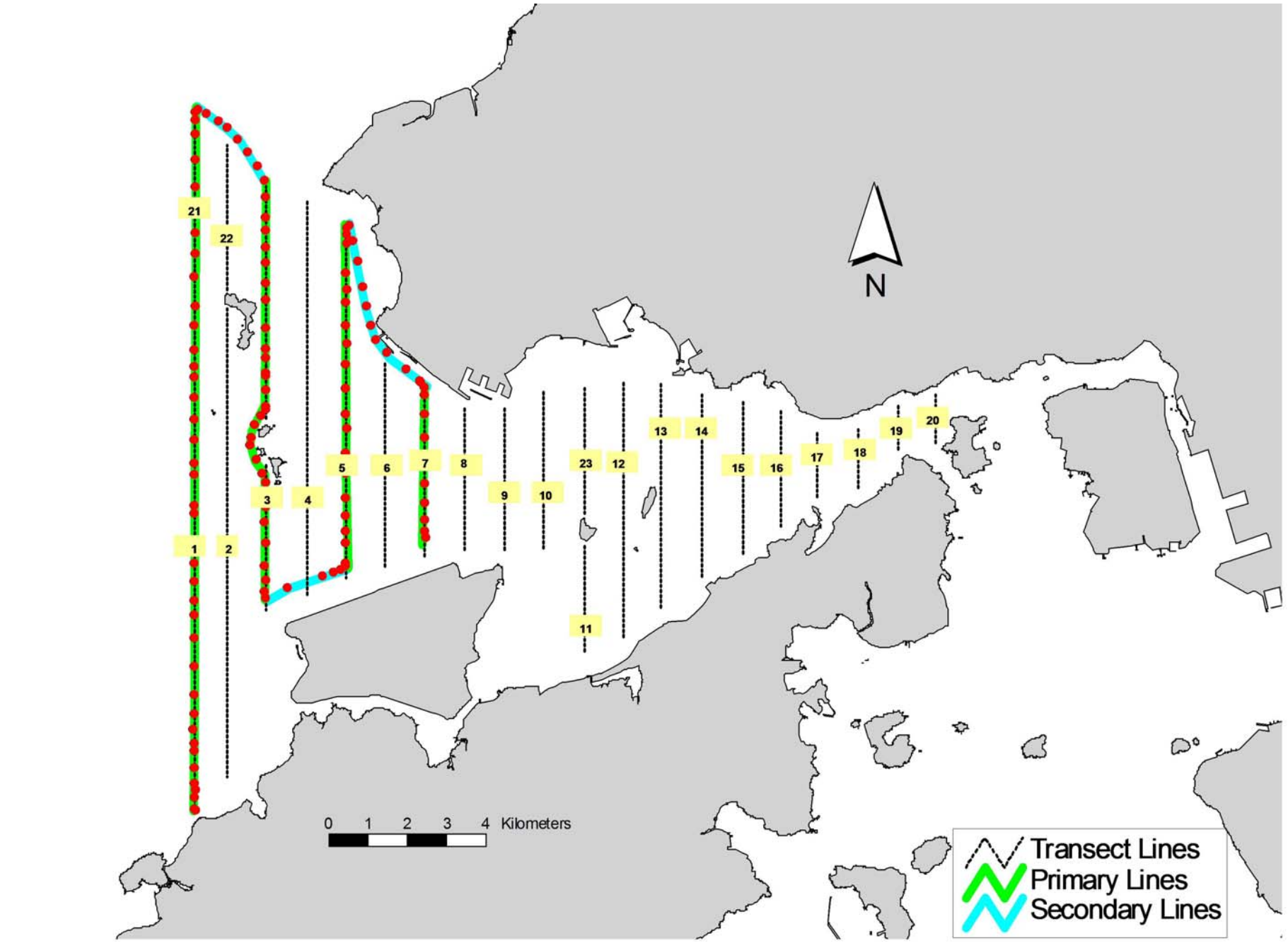


Figure 2. Survey Route on July 3rd, 2014

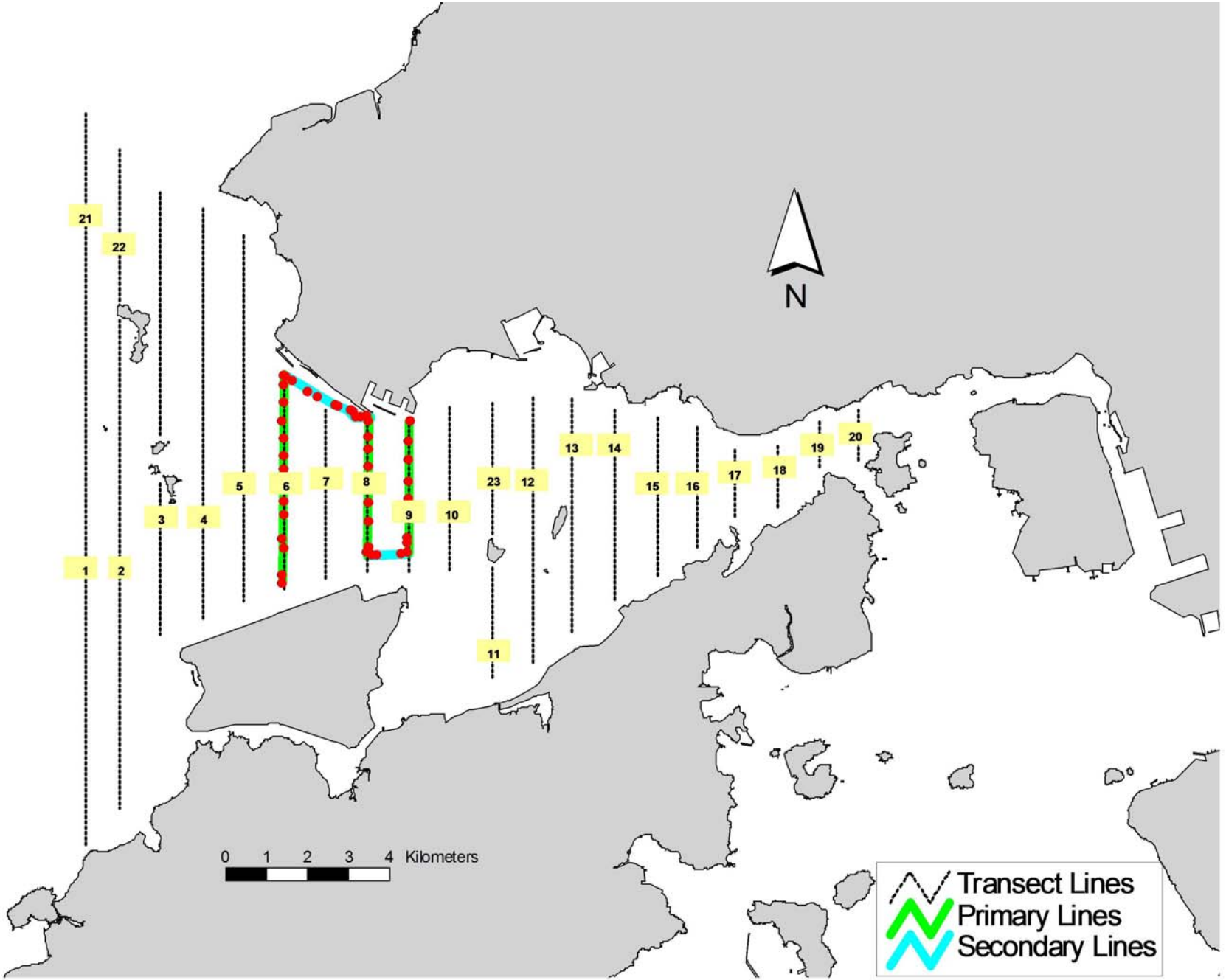


Figure 3. Survey Route on July 9th, 2014

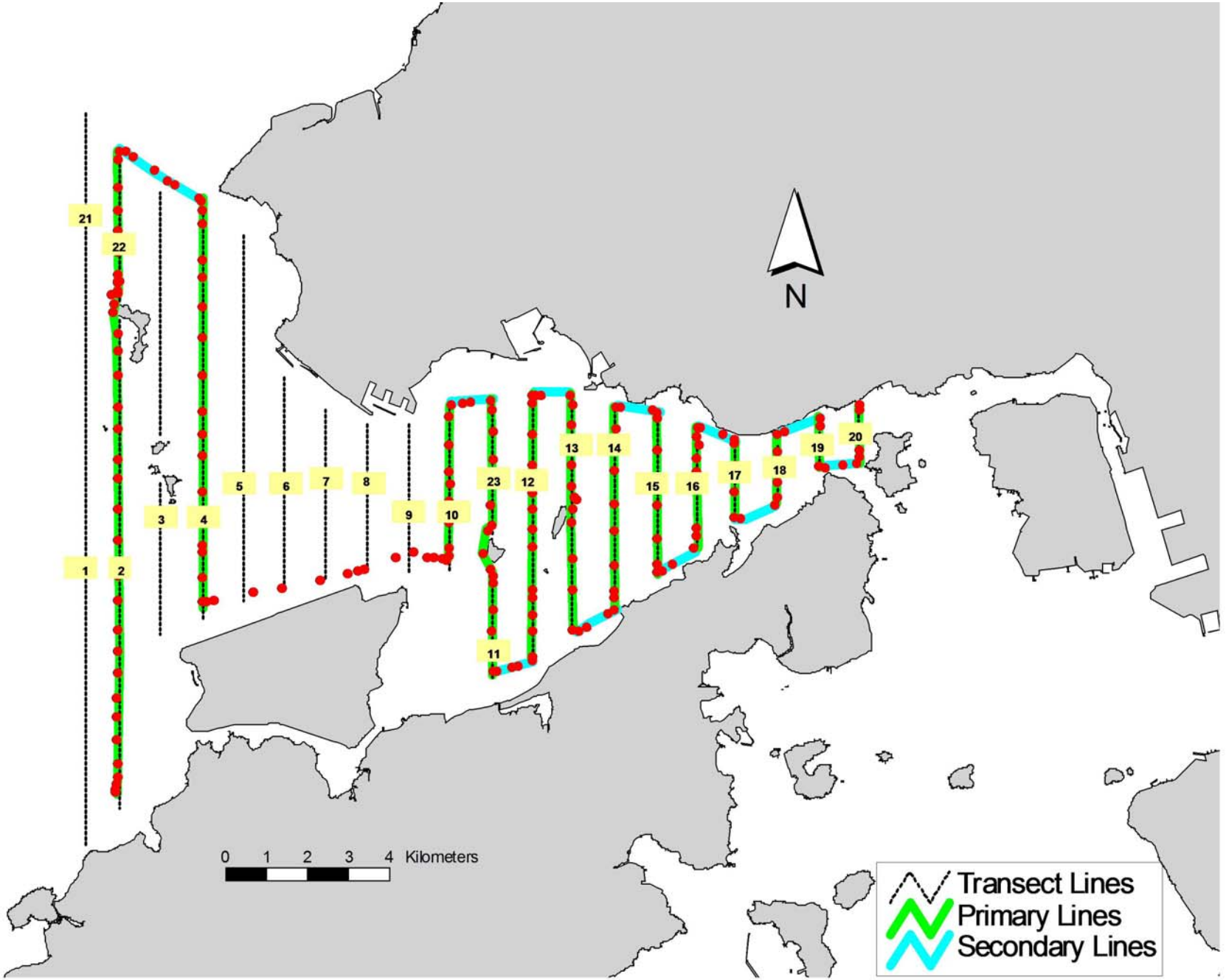


Figure 4. Survey Route on July 10th, 2014

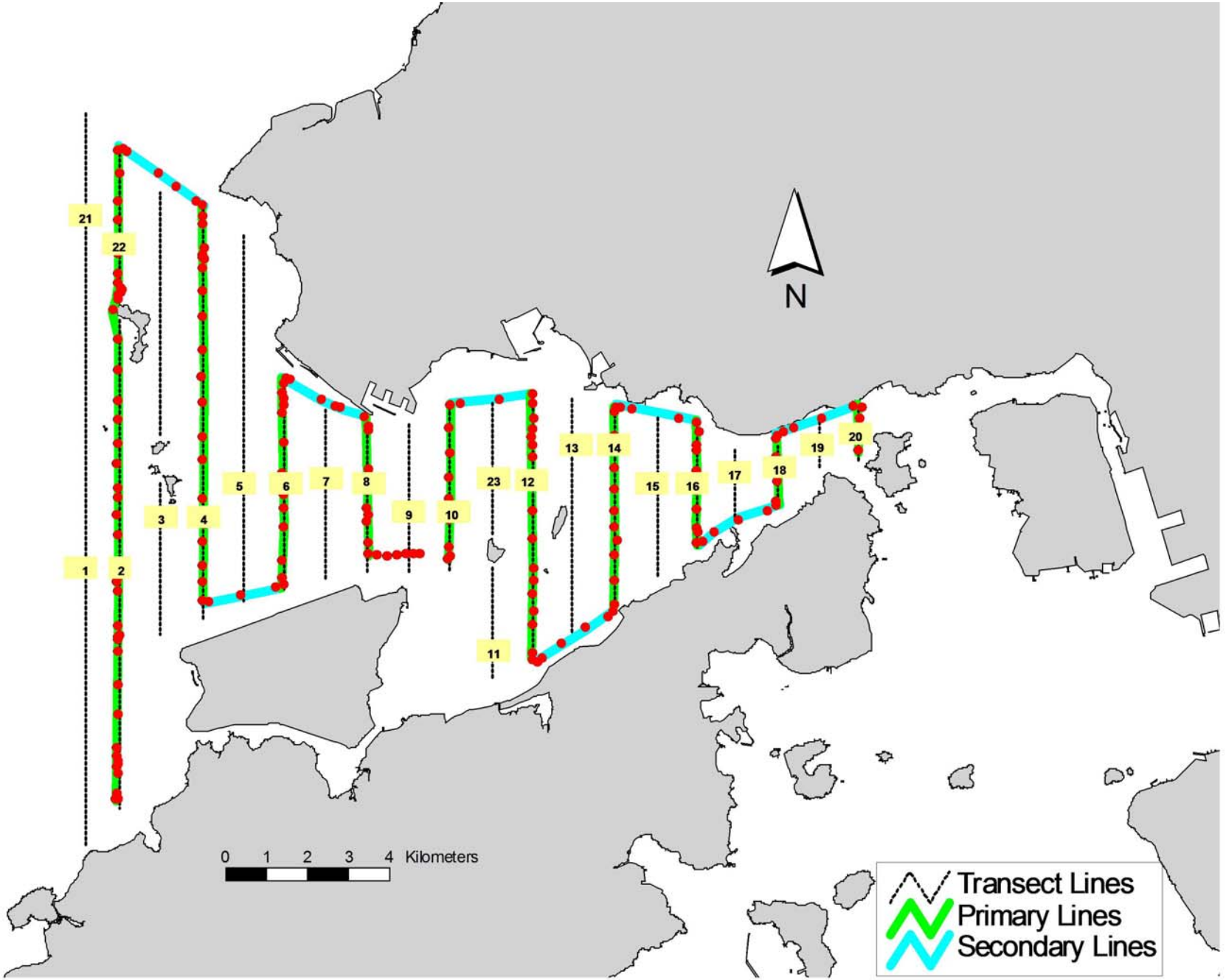


Figure 5. Survey Route on July 14th, 2014

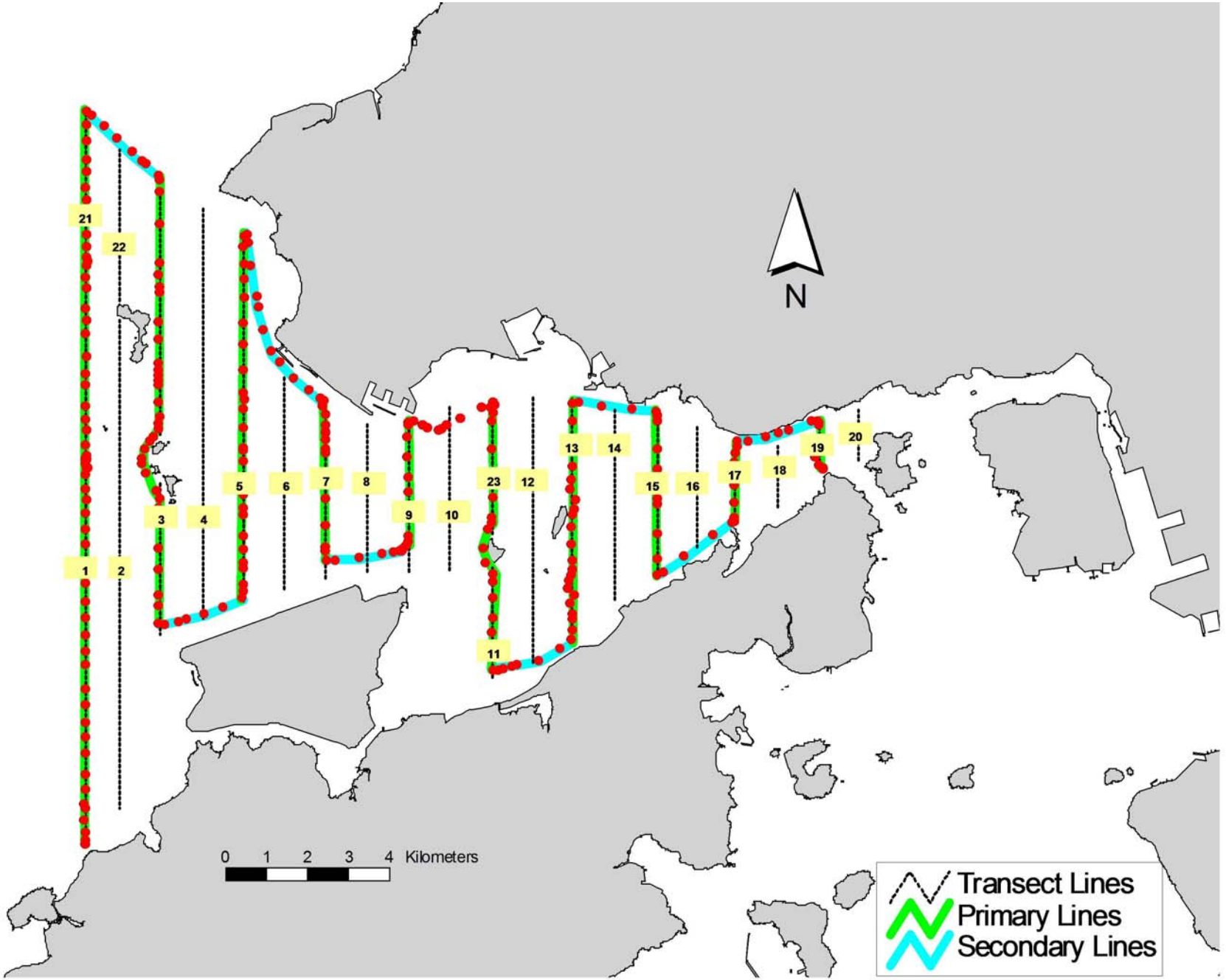


Figure 6. Survey Route on July 21st, 2014

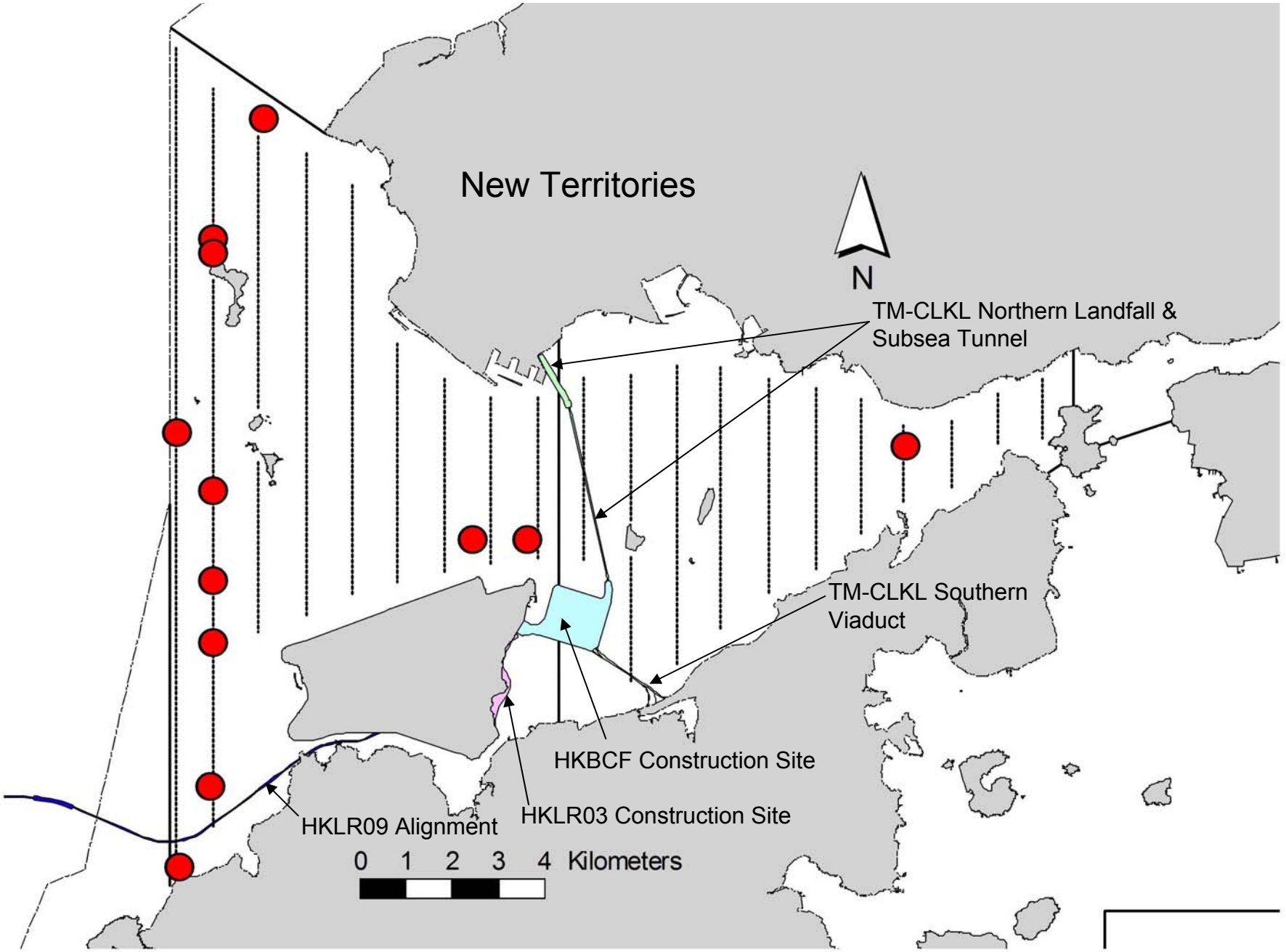


Figure 7. Distribution of Chinese White Dolphin Sightings during July 2014 HKLR03 Monitoring Surveys

Annex I. HKLR03 Survey Effort Database (July 2014)

(Abbreviations: BEAU = Beaufort Sea State; P = Primary Line Effort; S = Secondary Line Effort)

DATE	AREA	BEAU	EFFORT	SEASON	VESSEL	TYPE	P/S
3-Jul-14	NE LANTAU	2	1.89	SUMMER	STANDARD31516	HKLR	P
3-Jul-14	NE LANTAU	2	2.14	SUMMER	STANDARD31516	HKLR	S
3-Jul-14	NW LANTAU	2	7.87	SUMMER	STANDARD31516	HKLR	P
3-Jul-14	NW LANTAU	3	23.09	SUMMER	STANDARD31516	HKLR	P
3-Jul-14	NW LANTAU	4	5.90	SUMMER	STANDARD31516	HKLR	P
3-Jul-14	NW LANTAU	2	2.90	SUMMER	STANDARD31516	HKLR	S
3-Jul-14	NW LANTAU	3	7.84	SUMMER	STANDARD31516	HKLR	S
3-Jul-14	NW LANTAU	4	0.60	SUMMER	STANDARD31516	HKLR	S
9-Jul-14	NW LANTAU	1	1.80	SUMMER	STANDARD31516	HKLR	P
9-Jul-14	NW LANTAU	2	9.28	SUMMER	STANDARD31516	HKLR	P
9-Jul-14	NW LANTAU	2	3.22	SUMMER	STANDARD31516	HKLR	S
10-Jul-14	NW LANTAU	1	8.81	SUMMER	STANDARD31516	HKLR	P
10-Jul-14	NW LANTAU	2	12.85	SUMMER	STANDARD31516	HKLR	P
10-Jul-14	NW LANTAU	3	2.29	SUMMER	STANDARD31516	HKLR	P
10-Jul-14	NW LANTAU	1	0.73	SUMMER	STANDARD31516	HKLR	S
10-Jul-14	NW LANTAU	2	6.69	SUMMER	STANDARD31516	HKLR	S
10-Jul-14	NE LANTAU	1	14.94	SUMMER	STANDARD31516	HKLR	P
10-Jul-14	NE LANTAU	2	16.33	SUMMER	STANDARD31516	HKLR	P
10-Jul-14	NE LANTAU	3	6.20	SUMMER	STANDARD31516	HKLR	P
10-Jul-14	NE LANTAU	1	3.93	SUMMER	STANDARD31516	HKLR	S
10-Jul-14	NE LANTAU	2	6.90	SUMMER	STANDARD31516	HKLR	S
10-Jul-14	NE LANTAU	3	0.80	SUMMER	STANDARD31516	HKLR	S
14-Jul-14	NW LANTAU	2	19.59	SUMMER	STANDARD31516	HKLR	P
14-Jul-14	NW LANTAU	3	11.09	SUMMER	STANDARD31516	HKLR	P
14-Jul-14	NW LANTAU	2	2.05	SUMMER	STANDARD31516	HKLR	S
14-Jul-14	NW LANTAU	3	3.80	SUMMER	STANDARD31516	HKLR	S
14-Jul-14	NW LANTAU	4	0.93	SUMMER	STANDARD31516	HKLR	S
14-Jul-14	NE LANTAU	1	2.00	SUMMER	STANDARD31516	HKLR	P
14-Jul-14	NE LANTAU	2	14.57	SUMMER	STANDARD31516	HKLR	P
14-Jul-14	NE LANTAU	3	2.40	SUMMER	STANDARD31516	HKLR	P
14-Jul-14	NE LANTAU	4	1.20	SUMMER	STANDARD31516	HKLR	P
14-Jul-14	NE LANTAU	2	10.51	SUMMER	STANDARD31516	HKLR	S
14-Jul-14	NE LANTAU	3	0.30	SUMMER	STANDARD31516	HKLR	S
21-Jul-14	NW LANTAU	1	5.90	SUMMER	STANDARD31516	HKLR	P
21-Jul-14	NW LANTAU	2	31.10	SUMMER	STANDARD31516	HKLR	P
21-Jul-14	NW LANTAU	3	3.70	SUMMER	STANDARD31516	HKLR	P
21-Jul-14	NW LANTAU	2	7.90	SUMMER	STANDARD31516	HKLR	S
21-Jul-14	NW LANTAU	3	4.90	SUMMER	STANDARD31516	HKLR	S
21-Jul-14	NE LANTAU	1	2.80	SUMMER	STANDARD31516	HKLR	P
21-Jul-14	NE LANTAU	2	13.70	SUMMER	STANDARD31516	HKLR	P
21-Jul-14	NE LANTAU	2	10.70	SUMMER	STANDARD31516	HKLR	S

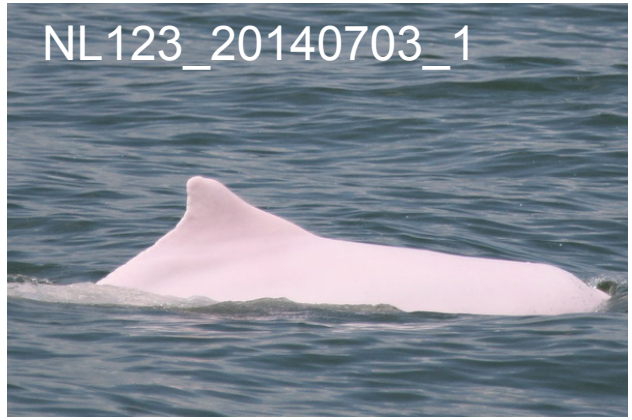
Annex II. HKLR03 Chinese White Dolphin Sighting Database (July 2014)

(Abberviations: STG# = Sighting Number; HRD SZ = Dolphin Herd Size; BEAU = Beaufort Sea State; PSD = Perpendicular Distance; BOAT ASSOC. = Fishing Boat Association; P/S: Sighting Made on Primary/Secondary Lines)

DATE	STG #	TIME	HRD SZ	AREA	BEAU	PSD	EFFORT	TYPE	NORTHING	EASTING	SEASON	BOAT ASSOC.	P/S
03-Jul-14	1	0958	4	NE LANTAU	2	317	ON	HKLR	823230	820459	SUMMER	NONE	P
03-Jul-14	2	1302	4	NW LANTAU	3	ND	OFF	HKLR	821327	811071	SUMMER	NONE	N/A
03-Jul-14	3	1642	2	NW LANTAU	3	161	ON	HKLR	814628	804722	SUMMER	NONE	P
10-Jul-14	1	1110	5	NW LANTAU	2	588	ON	HKLR	827483	805459	SUMMER	NONE	P
10-Jul-14	2	1150	5	NW LANTAU	2	0	ON	HKLR	829928	806565	SUMMER	NONE	S
14-Jul-14	1	1022	3	NW LANTAU	2	572	ON	HKLR	816276	805395	SUMMER	NONE	P
14-Jul-14	2	1036	1	NW LANTAU	2	866	ON	HKLR	819222	805442	SUMMER	NONE	P
14-Jul-14	3	1044	5	NW LANTAU	2	118	ON	HKLR	820484	805434	SUMMER	NONE	P
14-Jul-14	4	1105	7	NW LANTAU	2	471	ON	HKLR	822311	805448	SUMMER	NONE	P
14-Jul-14	5	1144	2	NW LANTAU	2	819	ON	HKLR	827173	805448	SUMMER	NONE	P
21-Jul-14	1	1113	1	NW LANTAU	2	694	ON	HKLR	823509	804668	SUMMER	NONE	P
21-Jul-14	2	1436	2	NW LANTAU	2	325	ON	HKLR	821325	812267	SUMMER	NONE	S

Annex III. Individual dolphins identified during HKLR03 monitoring surveys in July 2014

ID#	DATE	STG#	AREA
CH34	10/07/14	1	NW LANTAU
NL80	14/07/14	4	NW LANTAU
NL93	10/07/14	1	NW LANTAU
NL123	03/07/14	1	NE LANTAU
NL139	03/07/14	1	NE LANTAU
NL145	14/07/14	3	NW LANTAU
NL182	10/07/14	2	NW LANTAU
NL210	10/07/14	2	NW LANTAU
NL247	14/07/14	4	NW LANTAU
NL261	03/07/14	1	NE LANTAU
NL285	03/07/14	1	NE LANTAU
NL287	14/07/14	3	NW LANTAU
NL300	14/07/14	4	NW LANTAU
NL301	14/07/14	4	NW LANTAU
WL30	10/07/14	1	NW LANTAU
WL124	03/07/14	3	NW LANTAU



Annex IV. Photographs of Identified Individual Dolphins in July 2014 (HKLR03)

Annex IV. (cont'd)

APPENDIX I

Waste Flow Table

MONTHLY SUMMARY WASTE FLOW TABLE
Name of Department: HyD

HKZMB Section Between HKLR and HKBCF
Contract No.: HY/2011/03

Monthly Summary Waste Flow Table for 2014

Month	Actual Quantities of Inert C&D Materials Generated Monthly						Actual Quantities of C&D Wastes Generated Monthly				
	Total Quantity Generated	Hard Rock and Large Broken Concrete	Reused in the Contract *(Note 8)*	Reused in Other Projects *(Note 8)*	Disposed as Public Fill *(Note 6)*	Imported Fill *(Note 6)*	Metals	Paper / Cardboard Packaging	Plastics *(Note 3)*	Chemical Waste	Others, e.g. general refuse *(Note 8)*
	(in '000m^3)	(in '000m^3)	(in '000m^3)	(in '000m^3)	(in '000m^3)	(in '000m^3)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000m^3)
Jan	6.396	0.000	6.396	0.000	0.000	127.813	0.000	0.000	0.000	0.000	0.163
Feb	10.568	0.000	10.568	0.000	0.000	98.249	0.000	0.000	0.000	0.000	0.124
Mar	7.136	0.000	7.136	0.000	0.000	83.389	0.000	0.000	0.000	0.000	0.208
Apr	9.577	0.000	9.577	0.000	0.000	74.044	0.000	0.000	0.000	1.181	0.156
May	9.874	0.000	9.874	0.000	0.000	76.189	0.000	0.000	0.000	0.000	0.221
Jun	25.226	0.000	25.226	0.000	0.000	85.577	0.000	0.000	0.000	0.000	0.169
Sub-total	68.776	0.000	68.776	0.000	0.000	545.261	0.000	0.000	0.000	1.181	1.040
Jul	23.282	0.000	23.282	0.000	0.000	77.122	0.000	0.000	0.000	0.675	0.228
Aug	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Sep	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Oct	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Nov	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Dec	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Sub- total	23.282	0.000	23.282	0.000	0.000	77.122	0.000	0.000	0.000	0.675	0.228
Total	92.057	0.000	92.057	0.000	0.000	622.384	0.000	0.000	0.000	1.856	1.268

Notes:
(1) The performance target are given in ER Appendix 8J Clause 14
(2) The waste flow table shall also include C&D materials that are not specified in the Contract to be imported for use at the Site
(3) Plastics refer to plastic bottles/containers, plastic sheets/foam from packaging material
(4) The Contractor shall also submit the latest forecast of the amount of C&D materials expected to be generated from the Works, together with a break down of the nature where the total amount of C&D materials expected to be generated from the Works is equal to or exceeding 50,000m^3.
(5) All recyclable materials, including metals, paper / cardboard packaging, plastics, etc. will be collected by registered collector for
(6) Conversion factors for reporting purpose:
excavated (bulk): rock = 2.0 tonnes/m^3: soil = 1.8 tonnes/m^3, sand=1.9tonnes/m^3
(7) Numbers are rounded off to the nearest three decimal places
(8) 30T dump truck carries C&D waste of 8.0m^3: 24T dump truck carries C&D waste of 6.5m^3

APPENDIX J

Cumulative Statistic on Complaints

HyD Contract No.HY/2011/03
Hong Kong - Zhuhai - Macao Bridge Hong Kong Link Road
Section between Scenic Hill and Hong Kong Boundary Crossing Facilities

Complaint Register

Complaint No.	Received Date	Received Time	Source	Category	Complaint Details	Location	Improvement Measures Taken	Status	Remarks
COM-2012-008	22-Oct-2012	16:41	EPD	Environmental (Water Pollution)	X先生投訴東涌機場對出港珠澳大橋地盤，有污水排到海中（懷疑是油污），污染環境，要求跟進及回覆。 (Photos attached). The "phenomenon"was observed over the past week. The photos attached were taken on 19.10.2012, 22.10.2012 and 23.10.2012	Portion X	The pelican barge as shown in the photos provided on 24 October 2012 did not belong to the Contractor.	Closed	-
COM-2012-009	05-Nov-2012	-	1823 CASE: 1-391341859	Environmental (Noise and light)	The citizen complained about noise and light pollution from the barges working on the Zhuhai Macau Bridge project. Barge machinery working to about 10pm at night and sometimes can be heard intermittently through the night. The noise is more audible because the machinery is sited on/over the water.	Portion X	The Contractor has adjusted the emission angle of the lights on working vessels with a view to minimizing the glaring effect to the adjoining residential areas	Closed	-
COM-2012-009(2)	11-Nov-2012	-	1823 CASE: 1-391341859	Environmental (Noise, water quality & air quality)	The complainant noted that the barges are still working on a Sunday, up until 10pm at night, very noisy, causing pollution of the water and at times expelling black smoke from their engines. A photograph taken at 10.40am on Sunday 11 November 2012 was attached.	Portion X	-	Closed	-
COM-2012-009(3)	14-Nov-2012	-	1823 CASE: 1-391341859	Environmental (Noise)	The complainant did not accept the reply. He further said that "All staff has to do is come out either at night or a Sunday to check, so easy. If this continues I will have no choice to call the police out."	Portion X	The Contractor has taken the following further mitigation measures for the reclamation works: (a) Mitigation Measures for Noise Nuisance: • Improvement of noise covers onto the generators / motors on barges; and • Increase frequency of applying lubricant to all moving parts and gear wheels of the working barges. (b) Mitigation Measures for Smoke Emission: • Increase frequency of maintenance and checking of engines on barges that may emit smoke; and • Installation/ replacement of smoke suppression device such as air filter, at engines where necessary.	Closed	-
COM-2012-010(1)	06-Nov-2012	-	<hzmbenquiry@hyd.gov.hk>	Environmental (Noise)	The complainant stated that lately work has started opposite Le Bleu Deux estate using barges. The work in process is generated high level of noise from powered tools used on those barges. Even if the noise was acceptable on weekdays during daytime, it is definitely creating nuisance to local resident at night (past 7pm) and on Sunday. Basically as 5 November 12 evening, he could not leave his window open as the elevel of noise prevent his baby to sleep and he could not even hear the TV in his flat. the noise coming from the site is higher then the sounds from my TV. He would like to know what measure you are planning to put in place to address this issue. He did not think that the current level of noise are acceptable past 7pm and on Sunday.	Portion X	-	Closed	-
COM-2012-010(2)	15-Nov-2012	-	<hzmbenquiry@hyd.gov.hk>	Environmental (Noise & air quality)	The noise can be very annoying, on days depending of the wind direction, you are making more noise than the plane taking off (I measured it myself), to give you an idea of the disturbance you are creating again. *I would also like to bring an other topic beside the noise. Since the beginning of the filling operation, very strong smell of exhaust pipe gas can be smelt in the residential area and I think this is a huge health concern for the local population. On certain days when the wind is blowing towards the residential areas, I have the feeling that there is a diesel engine running in my living room! I would like to know how you are planning to address this?*	Portion X	-	Closed	-

HyD Contract No.HY/2011/03
Hong Kong - Zhuhai - Macao Bridge Hong Kong Link Road
Section between Scenic Hill and Hong Kong Boundary Crossing Facilities

<u>Complaint Register</u>

Complaint No.	Received Date	Received Time	Source	Category	Complaint Details	Location	Improvement Measures Taken	Status	Remarks
COM-2012-010(3)	15-Nov-2012	–	EPD	Environmental (Noise, water quality & air quality)	The complainant has copied his reply from HyD dated 15 Nov 2012 to EPD and Health Department and he further complained on the following issues: • Noise nuisance generated by diesel engine; • Smell of exhaust pipe gas in his residence; and • Suspected marine water pollution (see enclosed photo). The complainant also requested EPD to install noise and air quality monitoring at Le Bleu Deux estate.	WA6 Portion X	Noise from blowing horn from vessels and barges and Metallic Parts thrown on Ground • Reminded the Contractor to request the captains of the vessels and barges not blowing the horn except in case of emergency or prevention of ship collisions/serious safety matters; • The supervision teams would enhance their tight control on the vessels and barges working at that location, and monitor the situation and take corresponding actions; and • To enhance the work force of RSS to supervise each step of construction activities and the use of hand tools until the completion of the site office erection. Noise from Engines and Cranes of the Barges during Marine Operation • Installation of noise covers onto the generators / motors on all working barges; • Increase frequency of applying lubricant to all moving parts and gear wheels of the working barges to avoid generation of abnormal sound; and • Review of working hours for the reclamation works and switching off all unnecessary machinery and plants at night time and Sundays. Noise from power generators • All generators shall be either screened or covered by adequate sound reducing materials; • All generators situated in front of Le Bleu Deux estate will be switched off at 19:00 hrs, except two generators will be kept running up to 22:00hrs and one generator will be kept running overnight for maintaining minimum power requirement; and • Arrangement with CLP Power HK Ltd (CLP) for the permanent power supply to the site offices has been chased in a matter of urgency. The use of power generators will be terminated in phase starting from 6 December 2012. Exhaust Fume Emission • Tight control on using the machine and generators in the vicinity of Le Bleu Deux estate; and • Closely monitor the frequency on engine cleansing and replacement of dust filter. Change of Sea Water in Yellow • The Contractor was reminded to move their vessels and barges at areas with adequate water depth as practically as possible.	Closed	–
COM-2012-010(4)	19-Nov-2012	22:25 hrs.	EPD	Environmental (Air quality and Noise)	The complainant filed again a complaint for the strong exhaust pipe fumes smell coming for the construction site in Tung Chung tonight as well as the extremely high level of noise as at at 10:30 pm (19/11/12).	WA6			
COM-2012-010(5)	24-Nov-2012 25-Nov-2012	13:42 hrs. 13:49 hrs 22:02 hrs. 22:08 hrs.	EPD (cc to HyD) EPD (cc to HyD)	Environmental (Air quality and Noise)	The noise is coming for the following sources: - power generator - engines from the barges used for marine operation - noise from the cranes use of the construction barges. - engine from the boat used to transport staff in and out - boats blowing their horn late in the evening and at night Gas emissions: - power generators - marine operation The complainant file again a complaint against the strong exhaust pipe emission flowing towards le Bleu Deux estate this afternoon 24/11/10 at 13:47. I can assure you that is it not "not that bad" whatever that means for you. And again strong noise of metallic parts being thrown on the ground. *I thought you have already sorted out that problem according to your multiple replies to my complaints since July???"* A pictures taken this morning (25/11/12) around 9:30am-10am showing the water pollution in different area outside the floating barriers. At 21:56 hrs., boat used by the Highway Department against blew their horn repetitively at close proximity from the residential estate.	WA6 Portion X			
COM-2012-012(1)	13-Nov-2012	22:27 hrs.	HyD	Environmental (Noise)	Once again your site continues to work late. The attached photo was taken at 10.15pm on Tuesday 13 Nov. The machinery used on the barges is very noisy. Why do you continue to work till 10pm and why do you work on a Sunday. Surely this is classified as a construction site for which you are in breach of various ordinances. An early reply is appreciated.	Portion X	The following further mitigation measures during the course of the reclamation works will be taken: • Installation of noise covers onto the generators / motors on all working barges; • Increase frequency of applying lubricant to all moving parts and gear wheels of the working barges to avoid generation of abnormal sound; and • Review of working hours for the reclamation works and switching off all unnecessary machinery and plants at nighttime and Sundays.	Closed	–
COM-2013-015	17-Jan-2013	–	EPD	Environmental (Air)	The complainant raised that construction dust was arising from construction site of China State Contruction Engineering (Hong Kong) Ltd near Siu Ho Wan Sewage Treatment Works due to insufficient dust suppression and inadequate wheel washing.	WA3	The Contractor of HY/2011/03 would take the following actions with immediate effect • To ensure no loosed earth material exposed at the edges of eth stockpiled earth materials i.e. to prevent erosion by wind and water ; • To cover the stockpiled earth material by adequate tarpaulin; • To enhance the frequency of watering (3 times per day) onto existing haul road and other area as appropriate; and • To install a water sprinkler system to enhance the existing dust suppression measures once the water point is ready for water supply by WSD.	Closed	

HyD Contract No.HY/2011/03
Hong Kong - Zhuhai - Macao Bridge Hong Kong Link Road
Section between Scenic Hill and Hong Kong Boundary Crossing Facilities

Complaint Register

Complaint No.	Received Date	Received Time	Source	Category	Complaint Details	Location	Improvement Measures Taken	Status	Remarks
COM-2013-016	18-Jan-2013	-	EPD	Environmental (Water)	The complainant advised that turbid water and concrete/cement has been arising from the Hong Kong-Zhuhai-Macao Bridge Hong Kong Projects to marine water. The complainant did not specify the soure of the turbid water and concrete/cement.	N/A	-	Closed	-
COM-2013-018	02-Mar-2013	-	HyD	Environmental (Noise)	The complainant advised that "It seems that the Contractor's cranes operating on the barges are again in need of bit of lubricant, as this evening i.e. 2 March 2013, the cranes are again polluting the neighborhood with intolerable noise." The complainant requested Mr. Ng from EPD to take note of this complaint and expected a detailed report.	Portion X	The Contractor has been reminded to continue the process of applying lubricant/ grease to all barges which are to be worked in the site area near Le Bleu Deux.	Closed	-
COM-2013-018 (2)	04-Mar-2013	-	EPD	Environmental (Noise)	The complainant complained that the cranes operating on the barges for the HZMB HK project generating squeak noise in the evening of 1 March 2013 causing an annoyance to him/her.	Portion X	The Contractor implemented the following measures : - Briefing given to the operator for the proper operation of marine vessels; - Keep adequate routine maintenance ; - Minimize the quantities of plant after 7pm; & - Review the working hours of night time works and switch off all unnecessary machinery and plants at night time.	Closed	-
COM-2013-018 (3)	13-Mar-2013	-	HyD	Environmental (Noise)	The complainant asked what noise mitigation the Contractor was taking. The complainant pointed out that the noise in question was so strong that it woke up his baby girl.	Portion X	-	Closed	-
COM-2013-018 (4)	22-Mar-2013 24-Mar-2013	14:19 hrs 10:28 hrs	HyD	Environmental (Noise)	The complainant complained that "the lifting appliance was operated gently and softly to keep the noise emission as low as possible" but the noise still woke up his baby. "Lubricant was regularly applied to smoothen all moving parts and gear wheels of the working barges" that did not seem to be the case at all. The complainant pointed that the crane operating at 10:27 hrs on 24 March 2012 needed lubricant.	Portion X	The Contractor will keep on closely monitoring the situation and carry out the necessary noise mitigation measures while barges are working in the site area nearby residential area.	Closed	-
COM-2013-018 (5)	31-Mar-2013 1-Apr-2013	10:25 hrs 10:32 hrs	HyD	Environmental (Noise)	The complainant complained that noise emitted from a crane at 10:19 hrs. The complainant further complained that noise was generated from a barge at 07:30 hrs.	Portion Y	-	Closed	-
COM-2013-018 (6), (7) & (9)	15-Apr-2013	15:41 hrs	EPD	Environmental (Noise)	The complainant complained that machinery noise generated from the construction site near Tung Chung Development Pier operating for the Hong Kong-Zhuhai-Macao Bridge Hong Kong during the normal working hours on 6 April 2013 and 13 April 2013 and the late evening of 10 April 2013 causing nuisance to public.	Portion X	The Contractor has been reminded to comply with CNP conditions for construction works undertaken during restricted hours. To minimize the potential noise impact during restricted hours and non-restricted hours, the Contractor has implemented the following additional measures: - Briefing given to the operator of the barges for proper operation of marine vessels; - Operating barge by experienced operators only; - Keeping adequate routine maintenance for barges e.g. application of lubricants into moving parts in order to minimize squeak noise; - Install noise covers onto noisy equipment where practicable. - Remind subcontractor only well-maintained plant should be operated on-site. - Minimized the quantities of plant used after 7pm as far as practicable; - Speed up of construction works in order to shorten the duration (days) of potential noise impact/nuisance to the surrounding environment; and - Regular review of working hours for night time works and switch off all unnecessary machinery and plants at night time.	Closed	-

HyD Contract No.HY/2011/03
Hong Kong - Zhuhai - Macao Bridge Hong Kong Link Road
Section between Scenic Hill and Hong Kong Boundary Crossing Facilities

Complaint Register

Complaint No.	Received Date	Received Time	Source	Category	Complaint Details	Location	Improvement Measures Taken	Status	Remarks
COM-2013-018 (11)	28-Apr-2013	15:44	EPD	Environmental (Noise)	The complainant complained that machinery noise generated from the reclamation site near Tung Chung Development Pier at around 22:00 of 28 April 2013 causing nuisance to public.	Portion X	The Contractor has been reminded to comply with CNP conditions for construction works undertaken during restricted hours. To minimize the potential noise impact during restricted hours, the Contractor has implemented the following additional measures: - Briefing given to the operator of the barges for proper operation of marine vessels; - Operating barge by experienced operators only; - Keeping adequate routine maintenance for barges e.g. application of lubricants into moving parts in order to avoid squeak noise; - Install noise covers onto noisy equipment where practicable. - Remind subcontractor only well-maintained plant should be operated on-site. - Speed up of construction works in order to shorten the duration (days) of potential noise impact/nuisance to the surrounding environment; and - Regular review of working hours for night time works and switch off all unnecessary machinery and plants at night time.	Closed	-
COM-2013-022	08-Apr-2013	--	EPD	Environmental (Water)	The complaint alleged that oil was dumped from various vessels operating for HZMB HK projects near Tung Chung Development Pier over the past few months. Photos were provided by the complainant.	Portion X	The Contractor has checked the photos provided by the complainant and confirmed that the vessels and boats shown in the photos do not belong to Contract No. HY/2011/03.As this complaint is not related to this Contract, no follow up action is required. The Contractor has reminded their subcontractors to implement the measures recommended in the Spill Response Plan (SRP) in case of accidental release of oils from vessel.	Closed	-
COM-2013-022(2)	23-May-2013	09:15 hrs	EPD	Environmental (Water)	This complaint was a follow-up of a previous complaint received by EPD on 8 April 2013 regarding oil slicks caused by vessels. It was alleged that oil was still being dumped from various vessels operating for HZMB HK projects near Tung Chung Development Pier over the past few months. On the other hand, the complainant would	Portion X	The Contractor has reminded their subcontractors to implement the measures recommended in the Spill Response Plan in case of accidental release of oils from vessel and handle the chemical waste (waste oil) in accordance with the requirements provided in the EM&A Manual.	Closed	-
COM-2013-023	02-May-2013	--	HyD	Environmental (Noise)	The complainant alleged that there were metal parts dropped on the ground creating noise at 12:58 on 1 May 2013	WA6	If there are metal handling works, the Contractor will not carry out the metal handling works in early morning in order to minimize potential noise disturbance as far as practicable in future.	Closed	-
COM-2013-024	23-May-2013	09:50 hrs	EPD	Environmental (Noise)	A complaint was received on 23 May 2013 regarding noise generated from dropping metal parts on numerous occasion on the pier opposite Le Blau Deux at around 08:45 to 10:00 hrs of 18 May 2013 and loading/unloading activities creating noise disturbance by the contractor of HY/2011/03.	WA6	If there are metal handling works, the Contractor will not carry out the metal handling works in early morning in order to minimize potential noise disturbance as far as practicable in future.	Closed	-
COM-2013-027	29-Jun-2013	10:02 hrs	RSS	Environmental (Noise)	A complaint was received on 29 June 2013 regarding noise generated from the works area near the site office (WA6) around 10:00 hrs on 29 June 2013	WA6	The Contractor was recommended to minimize the potential noise impacts generated from the construction sites as far as practicable in future.	Closed	-
COM-2013-033	13-Sep-2013	Around 22:00 hrs	RSS	Environmental (Noise)	A complaint was received regarding the noise nuisance from barge at about 22:20 hrs on 13 September 2013 and 02:30 hrs on 14 September 2013.	Portion X	The Contractor has been reminded to comply with CNP conditions for construction works undertaken during restricted hours. To minimize the potential noise impact during restricted hours, the Contractor has implemented the following additional measures: - Minimized the quantities of plant used after 7pm as far as practicable; and - Regular review of working hours for night time works and switch off all unnecessary machinery and plants at night time.	Closed	-
COM-2013-034	17-Sep-2013	--	HyD	Environmental (Noise)	A complaint was received on 17 September 2013 regarding the noise nuisance from tree transplanting activities in the morning of 14 September 2013.	Portion Y	The Contractor has been reminded to comply with CNP conditions for construction works undertaken during restricted hours. To minimize the potential noise impact during restricted hours, the Contractor has implemented the following additional measures: - Minimized the quantities of plant used after 7pm as far as practicable; and - Regular review of working hours for night time works and switch off all unnecessary machinery and plants at night time.	Closed	-

HyD Contract No.HY/2011/03
Hong Kong - Zhuhai - Macao Bridge Hong Kong Link Road
Section between Scenic Hill and Hong Kong Boundary Crossing Facilities

Complaint Register

Complaint No.	Received Date	Received Time	Source	Category	Complaint Details	Location	Improvement Measures Taken	Status	Remarks
COM-2013-037	8-Oct-2013 9-Oct-2013 16-Oct-2013	--	Supervising Officer's Representative	Environmental (Noise)	The complainant complained the noise from barge operation from 21:30 to 22:30 hrs on 4 October 2013. The complainant complained that several loud bangs were heard starting from 21:00 hrs on 7 October 2013. The complainant complained that it was very noisy at the noon of 14 October 2013.	Portion X	The Contractor has been reminded to comply with CNP conditions for construction works undertaken during restricted hours. To minimize the potential noise impact during restricted hours, the Contractor has implemented the following additional measures: -minimize the quantities of plant used during restricted hours as far as practicable; and -regular review of working duration for restricted hours works and switch off all unnecessary machinery and plants during restricted hours.	Closed	-
COM-2013-041	31-Oct-2013	21:52 hrs	EPD	Environmental (Noise)	A complaint was received on 31 October 2013 regarding the noise generated from a barge being moved by a tug boat in the morning of 31 October 2013 (around 05:55).	N/A	The Contractor has been reminded to comply with CNP conditions for construction works undertaken during restricted hours. To minimize the potential noise impact during restricted hours, the Contractor has implemented the following additional measures: - minimize the quantities of plant used during restricted hours as far as practicable; and - regular review of working duration for restricted hours works and switch off all unnecessary machinery and plants during the night-time and early morning period (7pm to 7am).	Closed	-
COM-2013-043	11-Nov-2013	--	EPD	Environmental (Noise)	A complaint was received on 11 November 2013 regarding a barge moving through the southern channel of HyD's construction site after 23:00 hrs on 8 November 2013.	Portion X	The Contractor has been reminded to comply with CNP conditions for construction works undertaken during restricted hours. To minimize the potential noise impact during restricted hours, the Contractor has implemented the following additional measures: - minimize the quantities of plant used during restricted hours as far as practicable; and - regular review of working duration for restricted hours works and switch off all unnecessary machinery and plants during restricted hours.	Closed	-
COM-2013-045	27-Dec-2013	--	HyD	Environmental (Noise)	A complaint was received on 27 December 2013 regarding barges operating at the south channel of Portion X in the afternoon of 26 December 2013.	Portion X	The Contractor has been reminded to comply with CNP conditions for construction works undertaken during restricted hours. To minimize the potential noise impact during restricted hours, the Contractor has implemented the following additional measures: - minimize the quantities of plant used during restricted hours as far as practicable; and - regular review of working duration for restricted hours works and switch off all unnecessary machinery and plants during restricted hours.	Closed	-
COM-2014-046	16-Jan-2014	17:22 hrs	HyD	Environmental (Air Quality)	A complaint was received on 16 January 2014 regarding heavy exhausts generated at around 8 a.m. and 10 a.m. over past few months and or even midnight.	N/A	The Contractor has implemented the following measure to minimize exhaust fumes generated from machinery: - Maintenance for the all machinery regularly.	Closed	-
COM-2014-048	18-Jan-2014	--	EPD	Environmental (Other: Blackish mud)	A complaint was received on 18 January 2014 regarding blackish mud along the edge of the construction site of Hong Kong-Zhuhai-Macao Bridge Hong Kong Project near the airport in the morning of 18 January 2014.	Portion X	Based on the investigation results, it is considered that the blackish mud raised in the complaint was not related to HKLR03 Contract. In this case, no follow up action is required.	Closed	-
COM-2014-050	24-Mar-2014	--	EPD	Environmental (Other: Dredged Marine Sediment)	A complaint was received by EPD on 24 March 2014. The complainant advised that there was dredged material found being mixed with soil in the construction site of Hong Kong-Zhuhai-Macao Bridge Hong Kong Link Road Project in the vicinity of CAD headquarters and transported out of the site. The complainant suspected that there was improper disposal of dredged marine sediment.	Portion X	Based on the investigation results, it is considered that the complaint is invalid. In this case, no follow up action is required.	Closed	-
COM-2014-051	29-Apr-2014	--	SOR	Environmental (Noise)	A complaint was received on 29 April 2014 regarding loud bang coming from the site at 21:37 hrs on 28 April 2014.	Portion X	Based on the Contractor's site dairy and our investigation, no non-compliance was identified.	Closed	-
COM-2014-053	02-May-2014	--	EPD	Environmental (Noise)	A complaint was received by EPD on 1 May 2014. The complainant advised that there was noise nuisance arising during the evening of 1 May 2014.	Portion X	The Contractor has been reminded to comply with CNP conditions for construction works undertaken during restricted hours. To minimize the potential noise impact during restricted hours, the Contractor has implemented the following additional measures: - minimize the quantities of plant used during restricted hours as far as practicable; and - regular review of working duration for restricted hours works and switch off all unnecessary machinery and plant during restricted hours.	Closed	-

APPENDIX K

Environmental Licenses and Permits

Summary of Environmental Licences and Permits Application and Status

Environmental Permit

Date Application Submitted	Status	Date EP Issued	EP No.	EP Holder	Expiry Date
28.08.2013	VEP issued	05.09.2013	EP-352/2009/C	Highways Department	N/A
29.07.2013	VEP Issued	06.08.2013	EP-353/2009/G	Highways Department	N/A

Notification of Carrying Out Notifiable Works under Air Pollution Control (Construction Dust) Regulation

Date Notification Submitted	Notification Ref. No.	Valid Since	Expiry Date
25.05.2012	345690	01.06.2012	N/A

Billing Account for Disposal of Construction Waste

Date Application Submitted	Account No	Valid Since	Expiry Date
01.06.2012	7015313	27.06.2012	N/A

Chemical Waste Producer Registration

Date Registration Submitted	Waste Producer No.	Date Registration Issued	Major Waste Type	Expiry Date
20.06.2012	5213-950-C1169-43	12.07.2012	Spent lubricating oil, spent flammable liquid (diesel), surplus paint, spent organic solvent and their containers, spent batteries, soil containing mineral oil	N/A

Wastewater Discharge License

Item No.	Date Application Submitted	Area Applied	Status	Expiry Date
1	22.06.2012	Site Office for Supervising Officer (WA6)	Application Ref. No. 346651 Letter from the EPD (Ref: EP/RS/0000346267) dated 19.07.2012 confirming that license under WPCO is not required.	N/A
2	04.07.2012	Site Office for China States (WA6)	Application Ref. No. 346982 Water Discharge License WT00014182-2012 was granted on 20 Sep 2012	Valid until 30 Sept 2017

3.	31.07.2012	Portion B, Portion X & Portion Y	Application Ref. No. 348019 Water Discharge License WT00014118-2012 was granted on 20 Sep 2012	Valid until 30 Sep 2017.
4.	15.01.2013	WA 3	Application Ref No.356237 Water Discharge License Ref. WT00015423-2013 was granted on 4 Mar 2013	Valid until 31/03/2018
5.	15.01.2013	WA 4	Application Ref No. 356240 Applied for Water Discharge License and pending for approval	N/A
6	02.04.2013	Airport Road (Southern)	Water discharge license Ref. WT00015866-2013 was granted on 29 Apr 2013	Valid until 30/04/2018
7	02.04.2013	Airport Road (Northern)	Water discharge license Ref. WT00015865-2013 was granted on 29 Apr 2013	Valid until 30/04/2018

Construction Noise Permit

Item No.	Date Application Submitted	Works Area Applied	Description	Status	CNP No.	Validity of CNP	
						From	To
1	17.01.2014	Airport Road 1900	Rock Excavation	CNP issued on 30.01.2014	GW-RS0070-14	04.02.2014 1900	03.08.2014 2300
2	10.03.2014	WA3	Stockpiling/ wastewater treatment	CNP issued on 24.03.2014	GW-RS0256-14	24.03.2014 2400	27.09.2014 2400
3	31.03.2014	West Portal	Tunnel works	CNP issued on 14.04.2014	GW-RS0372-14	14.04.2014 1900	13.09.2014 2400
4	17.04.2014	Reclamation Area	Sheet Piling	CNP issued on 30.04.2014	PP-RS0009-14	15.05.2014 0700	14.11.2014 1900
5	23.04.2014	S16	Grouting works	CNP issued on 07.05.2014	GW-RS0418-14	12.05.2014 1900	11.11.2014 2300
6	12.05.2014	Tung Fai Road	Water Pipes installation	CNP issued on 26.05.2014	GW-RS0522-14	27.05.2014 2100	26.11.2014 0700

Item No.	Date Application Submitted	Works Area Applied	Description	Status	CNP No.	Validity of CNP	
						From	To
7	15.05.2014	WA4	Loading/ Unloading of stockpiles	CNP issued on 29.05.2014	GW-RS0434-14	04.06.2014 1900	03.12.2014 2300
8	04.06.2014	Kwo Lo Wan (19-23; 23-07)	Grouting and Drilling	CNP issued on 18.06.2014	GW-RS0609-14	20.06.2014 1900	19.12.2014 2400
9	13.06.2014	Portion X	Stone Column works RWC	CNP issued on 24.06.2014	GW-RS0655-14	27.06.2014 0130	26.08.2014 0700
10	08.07.2014	Portion X	Marine Works	CNP issued on 22.07.2014	GW-RS0726-14	22.07.2014 1900	24.12.2014 2400

APPENDIX L

Implementation Schedule of Environmental Mitigation Measures

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to implement the measures?	Implementation Status
Air Quality							
S5.5.6.1	A1	1) The contractor shall follow the procedures and requirements given in the Air Pollution Control (Construction Dust) Regulation	Good construction site practices to control the dust impact at the nearby sensitive receivers to within the relevant criteria.	Contractor	All construction sites	Construction stage	√
S5.5.6.2	A2	2) Proper watering of exposed spoil should be undertaken throughout the construction phase: • Any excavated or stockpile of dusty material should be covered entirely by impervious sheeting or sprayed with water to maintain the entire surface wet and then removed or backfilled or reinstated where practicable within 24 hours of the excavation or unloading; • Any dusty materials remaining after a stockpile is removed should be wetted with water and cleared from the surface of roads; • A stockpile of dusty material should not be extend beyond the pedestrian barriers, fencing or traffic cones. • The load of dusty materials on a vehicle leaving a construction site should be covered entirely by impervious sheeting to ensure that the dusty materials do not leak from the vehicle; • Where practicable, vehicle washing facilities with high pressure water jet should be provided at every discernible or designated vehicle exit point. The area where vehicle washing takes place and the road section between the washing facilities and the exit point should be paved with concrete, bituminous materials or hardcores;	Good construction site practices to control the dust impact at the nearby sensitive receivers to within the relevant criteria.	Contractor	All construction sites	Construction stage	√
S5.5.6.2	A2	• When there are open excavation and reinstatement works, hoarding of not less than 2.4m high should be provided as far as practicable along the site boundary with provision for public crossing. Good site practice shall also be adopted by the Contractor to ensure the conditions of the hoardings are properly maintained throughout the construction period;	Good construction site practices to control the dust impact at the nearby sensitive receivers to within the relevant criteria.	Contractor	All construction sites	Construction stage	√

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to implement the measures?	Implementation Status
S5.5.6.2	A2	• The portion of any road leading only to construction site that is within 30m of a vehicle entrance or exit should be kept clear of dusty materials; • Surfaces where any pneumatic or power-driven drilling, cutting, polishing or other mechanical breaking operation takes place should be sprayed with water or a dust suppression chemical continuously; • Any area that involves demolition activities should be sprayed with water or a dust suppression chemical immediately prior to, during and immediately after the activities so as to maintain the entire surface wet; • Where a scaffolding is erected around the perimeter of a building under construction, effective dust screens, sheeting or netting should be provided to enclose the scaffolding from the ground floor level of the building, or a canopy should be provided from the first floor level up to the highest level of the scaffolding; • Any skip hoist for material transport should be totally enclosed by impervious sheeting; • Every stock of more than 20 bags of cement or dry pulverized fuel ash (PFA) should be covered entirely by impervious sheeting or placed in an area sheltered on the top and the 3 sides;	Good construction site practices to control the dust impact at the nearby sensitive receivers to within the relevant criteria.	Contractor	All construction sites	Construction stage	√
S5.5.6.2	A2	• Cement or dry PFA delivered in bulk should be stored in a closed silo fitted with an audible high level alarm which is interlocked with the material filling line and no overfilling is allowed; • Loading, unloading, transfer, handling or storage of bulk cement or dry PFA should be carried out in a totally enclosed system or facility, and any vent or exhaust should be fitted with an effective fabric filter or equivalent air pollution control system; and • Exposed earth should be properly treated by compaction, turfing, hydroseeding, vegetation planting or sealing with latex, vinyl, bitumen, shotcrete or other suitable surface stabiliser within six months after the last construction activity on the construction site or part of the construction site where the exposed earth lies.	Good construction site practices to control the dust impact at the nearby sensitive receivers to within the relevant criteria.	Contractor	All construction sites	Construction stage	N/A

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to implement the measures?	Implementation Status
S5.5.6.3	A3	3) The Contractor should undertake proper watering on all exposed spoil (with at least 8 times per day) throughout the construction phase.	Control construction dust	Contractor	All construction sites	Construction stage	√
S5.5.6	A5	5) Implement regular dust monitoring under EM&A programme during the construction stage.	Monitor the 24 hr and 1hr TSP levels at the representative dust monitoring stations to ensure compliance with relevant criteria throughout the construction period	Contractor	Selected representative dust monitoring station	Construction stage	√
S5.5.71	A6	The following mitigation measures should be adopted to prevent fugitive dust emissions for concrete batching plant: • Loading, unloading, handling, transfer or storage of any dusty materials should be carried out in totally enclosed system; • All dust-laden air or waste gas generated by the process operations should be properly extracted and vented to fabric filtering system to meet the emission limits for TSP; • Vents for all silos and cement/pulverised fuel ash (PFA) weighing scale should be fitted with fabric filtering system; • The materials which may generate airborne dusty emissions should be wetted by water spray system; • All receiving hoppers should be enclosed on three sides up to 3m above unloading point; • All conveyor transfer points should be totally enclosed; • All access and route roads within the premises should be paved and wetted; and • Vehicle cleaning facilities should be provided and used by all concrete trucks before leaving the premises to wash off any dust on the wheels and/or body.	Monitor the 24 hr and 1hr TSP levels at the representative dust monitoring stations to ensure compliance with relevant criteria throughout the construction period	Contractor	Selected representative dust monitoring station	Construction stage	√

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to implement the measures?	Implementation Status
S5.5.2.7	A7	The following mitigation measures should be adopted to prevent fugitive dust emissions at barging point: • All road surface within the barging facilities will be paved; • Dust enclosures will be provided for the loading ramp; • Vehicles will be required to pass through designated wheels wash facilities; and • Continuous water spray at the loading points.	Control construction dust	Contractor	All construction sites	Construction stage	√
Noise							
S6.4.10	N1	1) Use of good site practices to limit noise emissions by considering the following: • only well-maintained plant should be operated on-site and plant should be serviced regularly during the construction programme; • machines and plant (such as trucks, cranes) that may be in intermittent use should be shut down between work periods or should be throttled down to a minimum; • plant known to emit noise strongly in one direction, where possible, be orientated so that the noise is directed away from nearby NSRs; • silencers or mufflers on construction equipment should be properly fitted and maintained during the construction works • mobile plant should be sited as far away from NSRs as possible and practicable; • material stockpiles, mobile container site officer and other structures should be effectively utilised, where practicable, to screen noise from on-site construction activities.	Control construction airborne noise by means of good site practices	Contractor	All construction sites	Construction stage	√

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to implement the measures?	Implementation Status
S6.4.11	N2	2) Install temporary hoarding located on the site boundaries between noisy construction activities and NSRs. The conditions of the hoardings shall be properly maintained throughout the construction period.	Reduce the construction noise levels at low-level zone of NSRs through partial screening.	Contractor	All construction sites	Construction stage	√
S6.4.12	N3	3) Install movable noise barriers (typically density @ 14kg/m_2),acoustic mat or full enclosure close to noisy plants including air compressor, generators, saw.	Screen the noisy plant items to be used at all construction sites	Contractor	For plant items listed in Appendix 6D of the EIA report at all construction sites	Construction stage	√
S6.4.13	N4	4) Select .Quiet plants. which comply with the BS 5228 Part 1 or TM standards.	Reduce the noise levels of plant items	Contractor	For plant items listed in Appendix 6D of the EIA report at all construction sites	Construction stage	√
S6.4.14	N5	5) Sequencing operation of construction plants where practicable.	Operate sequentially within the same work site to reduce the construction airborne noise	Contractor	All construction sites where practicable	Construction stage	√
	N6	6) Implement a noise monitoring under EM&A programme.	Monitor the construction noise levels at the selected representative locations	Contractor	Selected representative noise monitoring station	Construction stage	√
Waste Management (Construction waste)							
S8.3.8	WM1	<u>Construction and Demolition Material</u> The following mitigation measures should be implemented in handling the waste: • Maintain temporary stockpiles and reuse excavated fill material for backfilling and reinstatement; • Carry out on-site sorting; • Make provisions in the Contract documents to allow and promote the use of recycled aggregates where appropriate; • Adopt .Selective Demolition. technique to demolish the existing structures and facilities	Good site practice to minimize the waste generation and recycle the C&D materials as far as practicable so as to reduce the amount for final disposal	Contractor	All construction sites	Construction stage	√

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to implement the measures?	Implementation Status
		with a view to recovering broken concrete effectively for recycling purpose, where possible; • Implement a trip-ticket system for each works contract to ensure that the disposal of C&D materials are properly documented and verified; and • Implement an enhanced Waste Management Plan similar to ETWBTC (Works) No. 19/2005. Environmental Management on Construction Sites. to encourage on-site sorting of C&D materials and to minimize their generation during the course of construction. • In addition, disposal of the C&D materials onto any sensitive locations such as agricultural lands, etc. should be avoided. The Contractor shall propose the final disposal sites to the Project Proponent and get its approval before implementation					
S8.3.9-S8.3.11	WM2	C&D Waste • Standard formwork or pre-fabrication should be used as far as practicable in order to minimise the arising of C&D materials. The use of more durable formwork or plastic facing for the construction works should be considered. Use of wooden hoardings should not be used, as in other projects. Metal hoarding should be used to enhance the possibility of recycling. The purchasing of construction materials will be carefully planned in order to avoid over ordering and wastage. • The Contractor should recycle as much of the C&D materials as possible on-site. Public fill and C&D waste should be segregated and stored in different containers or skips to enhance reuse or recycling of materials and their proper disposal. Where practicable, concrete and masonry can be crushed and used as fill. Steel reinforcement bar can be used by scrap steel mills. Different areas of the sites should be considered for such segregation and storage.	Good site practice to minimize the waste generation and recycle the C&D materials as far as practicable so as to reduce the amount for final disposal	Contractor	All construction sites	Construction stage	√

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to implement the measures?	Implementation Status
S8.2.12-S8.3.15	WM3	Chemical Waste • Chemical waste that is produced, as defined by Schedule 1 of the Waste Disposal (Chemical Waste) (General) Regulation, should be handled in accordance with the Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes. • Containers used for the storage of chemical wastes should be suitable for the substance they are holding, resistant to corrosion, maintained in a good condition, and securely closed; have a capacity of less than 450 liters unless the specification has been approved by the EPD; and display a label in English and Chinese in accordance with instructions prescribed in Schedule 2 of the regulation.. • The storage area for chemical wastes should be clearly labeled and used solely for the storage of chemical waste; enclosed on at least 3 sides; have an impermeable floor and bunding of sufficient capacity to accommodate 110% of the volume of the largest container or 20 % of the total volume of waste stored in that area, whichever is the greatest; have adequate ventilation; covered to prevent rainfall entering; and arranged so that incompatible materials are adequately separated. • Disposal of chemical waste should be via a licensed waste collector; be to a facility licensed to receive chemical waste, such as the Chemical Waste Treatment Centre which also offers a chemical waste collection service and can supply the necessary storage containers; or be to a reuser of the waste, under approval from the EPD.	Control the chemical waste and ensure proper storage, handling and disposal.	Contractor	All construction sites	Construction stage	√

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to implement the measures?	Implementation Status
S8.3.16	WM4	*Sewage* • Adequate numbers of portable toilets should be provided for the workers. The portable toilets should be maintained in a state, which will not deter the workers from utilizing these portable toilets. Night soil should be collected by licensed collectors regularly.	Proper handling of sewage from worker to avoid odour, pest and litter impacts	Contractor	All construction sites	Construction stage	√
S8.3.17	WM5	*General Refuse* • General refuse generated on-site should be stored in enclosed bins or compaction units separately from construction and chemical wastes. • A reputable waste collector should be employed by the Contractor to remove general refuse from the site, separately from construction and chemical wastes, on a daily basis to minimize odour, pest and litter impacts. Burning of refuse on construction sites is prohibited by law. • Aluminium cans are often recovered from the waste stream by individual collectors if they are segregated and made easily accessible. Separate labelled bins for their deposit should be provided if feasible. • Office wastes can be reduced through the recycling of paper if volumes are large enough to warrant collection. Participation in a local collection scheme should be considered by the Contractor. In addition, waste separation facilities for paper, aluminum cans, plastic bottles etc., should be provided. • Training should be provided to workers about the concepts of site cleanliness and appropriate waste management procedure, including reduction, reuse and recycling of wastes.	Minimize production of the general refuse and avoid odour, pest and litter impacts	Contractor	All construction sites	Construction stage	√

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to implement the measures?	Implementation Status
Water quality (Construction Phase)							
S9.11.1-S9.11.1.2	W1	• Mitigation during the marine works to reduce impacts to within acceptable levels have been recommended and will comprise a series of measures that restrict the method and sequencing of filling work, as well as protection measures. Details of the measures are provided below and summarised in the Environmental Mitigation Implementation Schedule in EM&A Manual. • Construction of seawalls to be advanced by at least 100-200m before the filling can commence. It should be noted that the protection by advanced seawall is a dynamic process depending on the progress of the construction activities. The part of the works where such measures can be undertaken for the majority of the time includes the following locations: - TMCLKL northern reclamation; - TMCLKL southern reclamation (after formation of the nips); - Reclamation filling for Portion 1 of HKLR;	To control construction water quality	Contractor	During seawall filling	Construction stage	√
S9.11.1-S9.11.1.2	W1	• Single layer silt curtains will be applied around all works; • silt curtain shall be fully maintained throughout the works.	To control construction water quality	Contractor	During seawall filling	Construction stage	√

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to implement the measures?	Implementation Status
S9.11.1-S9.11.1.2	W1	• excess material shall be cleaned from the decks and exposed fittings of barges before the vessel is moved; • all vessels shall be sized such that adequate clearance is maintained between vessels and the sea bed at all states of the tide to ensure that undue turbidity is not generated by turbulence from vessel movement or propeller wash; and • the works shall not cause foam, oil, grease, litter or other objectionable matter to be present in the water within and adjacent to the works site.	To control construction water quality	Contractor	During seawall filling	Construction stage	√
S9.11.1-S9.11.1.2	W1	• Mechanical grabs shall be designed and maintained to avoid spillage and should seal tightly while being lifted; • barges shall have tight fitting seals to their bottom openings to prevent leakage of material; • any pipe leakages shall be repaired quickly. Plant should not be operated with leaking pipes; • loading of barges shall be controlled to prevent splashing of filling materials to the surrounding water. • Barges shall not be filled to a level which will cause overflow of materials or pollution of water during loading or transportation; • adequate freeboard shall be maintained on barges to reduce the likelihood of decks being washed by wave action; • all vessels shall be sized such that adequate clearance is maintained between vessels and the sea bed at all states of the tide to ensure that undue turbidity is not generated by turbulence from vessel movement or propeller wash; and • the works shall not cause foam, oil, grease, litter or other objectionable matter to be present in the water within and adjacent to the works site .	To control construction water quality	Contractor	During seawall filling	Construction stage	√

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to implement the measures?	Implementation Status
		into the drainage system, and to prevent storm run-off from getting into foul sewers; •discharges of surface run-off into foul sewers must always be prevented in order not to unduly overload the foul sewerage system.					
S9.14	W3	•Implement a water quality monitoring programme	Control water quality	Contractor	At identified monitoring	During construction	√
Ecology (Construction Phase)							
S10.7	E1	•Good site practices to avoid runoff entering woodland habitats in Scenic Hill; •Reinstate works areas in Scenic Hill; •Avoid stream modification in Scenic Hill.	Avoid potential disturbance on habitat of Romer.s Tree Frog in Scenic Hill	Designer; Contractor	Scenic Hill	During construction	√
S10.7	E2	•Install silt curtain during the construction; •Construct seawall prior to reclamation filling where practicable; •Good site practices; •Site runoff control3; •Spill response plan.	Minimise marine water quality impacts	Contractor	Seawall, reclamation area	During construction	√
S10.7	E4	•Watering to reduce dust generation; prevention of siltation of freshwater habitats; Site runoff should be desilted, to reduce the potential for suspended sediments, organics and other contaminants to enter streams and standing freshwater.	Prevent Sedimentation from Land-based works areas	Contractor	Land-based works areas	During construction	√
S10.7	E5	•Good site practices, including strictly following the permitted works hours, using quieter machines where practicable, and avoiding excessive lightings during night time	Prevent disturbance to terrestrial fauna and habitats	Contractor	Land-based works areas	During construction	√

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to implement the measures?	Implementation Status
S10.7	E6	•Dolphin Exclusion Zone; •Dolphin watching plan .	Minimize temporary marine habitat loss impact to dolphins	Contractor	Marine works	During marine works	√
S10.7	E7	•Decouple compressors and other equipment on working vessels; • Avoidance of percussive piling; •Marine underwater noise monitoring; •Temporal suspension of drilling bored pile casing in rock during peak dolphin calving season in May and June; •Handling with care for the installation of sheet piling for reclamation site	Minimize temporary marine habitat loss impact to dolphins	Contractor	Marine works	During marine works	√
S10.7	E8	•Control vessel speed; •Skipper training; •Predefined and regular routes for working vessels; avoid Brothers Islands.	Minimise marine traffic disturbance on dolphins	Contractor	Marine traffic	During marine works	√
S10.10	E9	•Dolphin vessel monitoring; • Mudflat ecological monitoring.	Minimise marine traffic disturbance on dolphins	Contractor	North Lantau and West Lantau	Prior to construction, during construction, and 1 year after operation	√
Ecology (Operation Phase)							
S10.7	E10	•Preconstruction dive survey for corals	Minimise impacts on marine ecology	Contractor	The marine pier sites nearest to intertidal zone and along the shore of the HKLR eclamation site	Prior to marine construction works in these locations	√

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to implement the measures?	Implementation Status
Fisheries							
S11.7	F2	•Reduce re-suspension of sediments •Good site practices •Spill response plan	Minimise marine water quality impacts	Contractor	Seawall, reclamation area	During construction	√
S11.7	F3	•Install silt-grease trap in the drainage system collecting surface runoff	Minimise impacts on marine water quality impacts	Designer	Reclamation area	During construction	√
S11.7	F4	•Maritime Oil Spill Response Plan (MOSRP); •Contingency plan.	Minimise impacts on marine water quality impacts	Management	HKLR	During operation stage	√
Landscape & Visual (Detailed Design Phase)							
S14.3.3.1	LV1	General design measures include: •Roadside planting and planting along the edge of the reclamation is proposed; •Transplanting of mature trees in good health and amenity value where appropriate and reinstatement of areas disturbed during construction by compensatory hydro-seeding and planting; •Protection measures for the trees to be retained during construction activities; •Optimizing the sizes and spacing of the bridge columns; •Fine-tuning the location of the bridge columns to avoid visually sensitive locations; •Aesthetic design of the bridge form and its structural elements for HKLR, e.g. parapet, soffit, columns, lightings and so on; Considering the decorative urban design elements for HKLR, e.g. decorative road lightings;	Minimise visual & landscape impact	Detailed designer	HKLR	Design stage	

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to implement the measures?	Implementation Status
		• Maximizing new tree, shrub and other vegetation planting to compensate tree felled and vegetation removed; • Providing planting area around peripheral of HKLR for tree planting screening effect.					
S14.3.3.1	LV1	• Providing salt-tolerant native trees along the planter strip at affected seawall and newly reclaimed coastline. • Providing salt-tolerant native trees along the planter strip at affected seawall and newly reclaimed coastline. • For HKLR, providing aesthetic design on the viaduct, tunnel portals, at-grade roads and • reclamation (e.g. subtle colour tone and slim form for viaduct to minimize the bulkiness of the structure and to blend the viaduct better with the background environment, featured form of tunnel portals, roadside planting along at-grade roads and landscape berm on & planting along edge of reclamation area) to beautify the HKLR alignment (refer to Figure 14.4.3).	Minimise visual & landscape impact	Detailed designer	HKLR	Design stage	
Landscape & Visual (Construction Phase)							
S14.3.3.3	LV2	Mitigate both Landscape and Visual Impacts G1. Grass-hydroseed bare soil surface and stock pile areas. G2. Add planting strip and automatic irrigation system if appropriate at some portions of bridge or footbridge to screen bridge and traffic. G3. For HKLR, providing aesthetic design on the viaduct, tunnel portals, at-grade roads and reclamation (e.g. subtle colour tone and slim form for viaduct, featured form of tunnel portals, roadside planting along at-grade roads and landscape berm on & planting along edge of reclamation area) to beautify the HKLR alignment. G4. Vegetation reinstatement and upgrading to disturbed areas.	Minimise visual & landscape impact	Contractor	HKLR	Construction stage	√

EIA Ref.	EM&A Log Ref	Recommended Mitigation Measures	Objectives of the Recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to implement the measures?	Implementation Status
		G5. Maximize new tree, shrub and other vegetation planting to compensate tree felled and vegetation removed. G6. Provide planting area around peripheral of and within HKLR for tree screening buffer effect. G7. Plant salt tolerant native tree and shrubs etc along the planterstrip at affected seawall. G8. Reserve of loose natural granite rocks for re-use. Provide new coastline to adopt .natural-look. by means of using armour rocks in the form of natural rock materials and planting strip area accommodating screen buffer to enhance .natural-look. of the new coastline (see Figure 14.4.2 for example).					
S14.3.3.3	LV3	Mitigate Visual Impacts V1.Minimize time for construction activities during construction period. V2.Provide screen hoarding at the portion of the project site / works areas / storage areas near VSRs who have close low-level views to the Project during HKLR construction.					√
EM&A							
S15.5-S15.6	EM2	1) An Environmental Team needs to be employed as per the EM&A Manual. 2) Prepare a systematic Environmental Management Plan to ensure effective implementation of the mitigation measures. 3) An environmental impact monitoring needs to be implementing by the Environmental Team to ensure all the requirements given in the EM&A Manual are fully complied with.	Perform environmental monitoring & auditing	Contractor	All construction sites	Construction stage	√

APPENDIX M

Record of "Notification of Environmental Quality Limit Exceedances" &
"Notification of Summons and Prosecutions"

Contract No. HY/2011/03 -
Hong Kong- Zhuhai- Macao Bridge
Hong Kong Link Road Section between Scenic Hill and Hong Kong Boundary Crossing Facilities
Notifications of Environmental Quality Limits Exceedances Notification No.: 184 (ver 1)

Date of Notification: 6 August 2014

Works Inspected: Data collected from water sampling works on 9 July 2014 and the test report was issued on 11 July 2014.

Monitoring Location: Water Quality Monitoring Stations

Parameter: Dissolved Oxygen (DO)/ ~~Suspended Solids (SS)~~/ ~~Turbidity (TURB)~~

Action & Limit Level (AL & LL) / Measured Level:

PARAM	STATION	DEPTH	AL (mg/L)	LL (mg/L)	MEASURED AT MID-EBB TIDE (mg/L)	MEASURED AT MID-FLOOD TIDE (mg/L)
DO	IS(Mf)6	Surface & Middle	5	4.2	5.4	***4.9***

Notes:
Bold Italic means AL exceedances.
Bold Italic with underline means LL exceedances.
Water quality monitoring was carried out for surface level only at station IS(Mf)6 on 9 July 2014.

Possible reason for Action or Limit Level Non-compliance:

On 9 July 2014, an Action Level exceedance of dissolved oxygen was recorded at station IS(Mf)6 during the mid-flood tide.

The exceedance has been investigated and is considered unlikely to be related to contract works due to the following reasons:

1. Stone column works and construction of seawall at Zone 1 were carried out within silt curtain as recommended in the EIA report.
2. The range of dissolved oxygen for surface and middle level at station IS(Mf)6 during the baseline monitoring is shown as below:

Station	Depth	Range of Dissolved Oxygen (mg/L) Mid-Ebb Tide			Range of Dissolved Oxygen (mg/L) Mid-Flood Tide		
IS(Mf)6	Surface & Middle	3.3	to	10.6	2.6	to	10.1

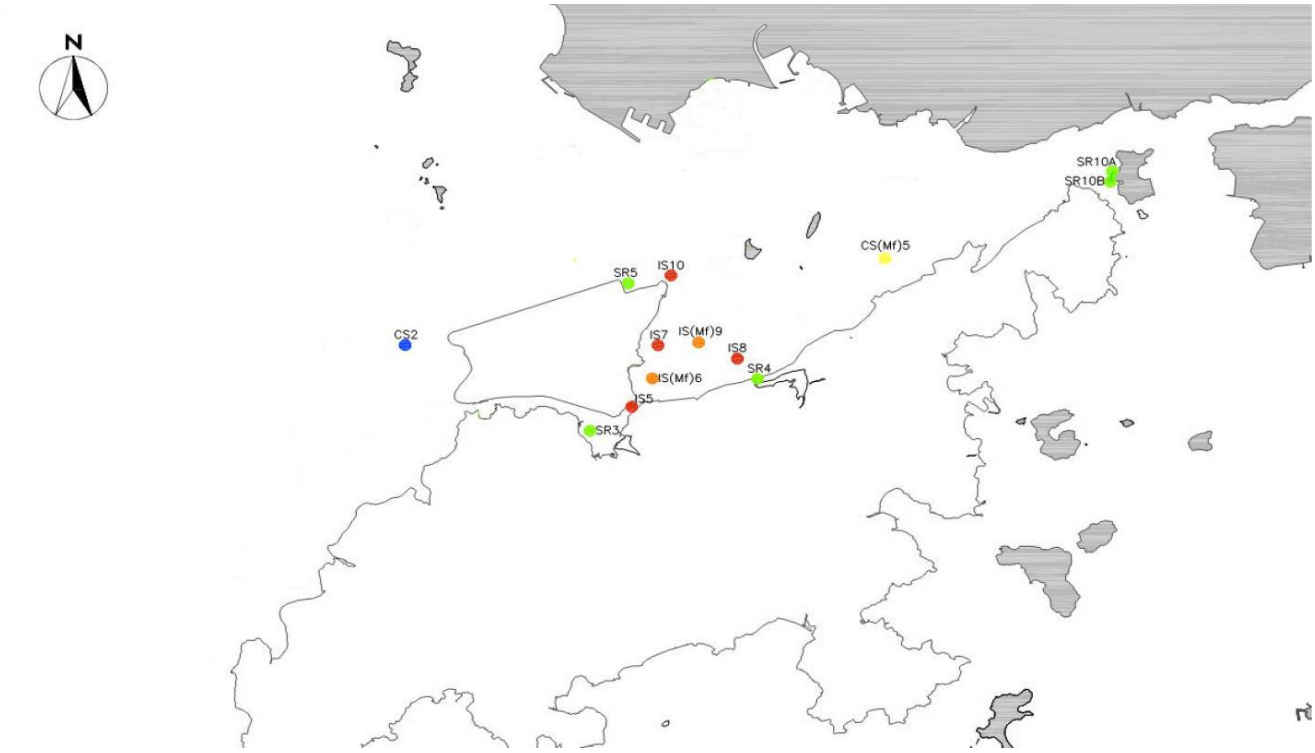
   The measured value at station IS(Mf)6 at the surface level was within the range of dissolved oxygen during the baseline monitoring for mid-flood tide.
3. There were no specific activities recorded during the monitoring period that would cause any significant impact on the monitoring results.

As such, the exceedance in DO levels is considered to be attributed to other external factors rather than the contract works.

Actions taken/ to be taken:

As the DO level recorded beyond the water quality criteria was not related to contract works, no immediate actions are considered necessary.

Location Plan:



Reviewed by : Claudine Lee Title : ET Leader

Date : 6 August 2014

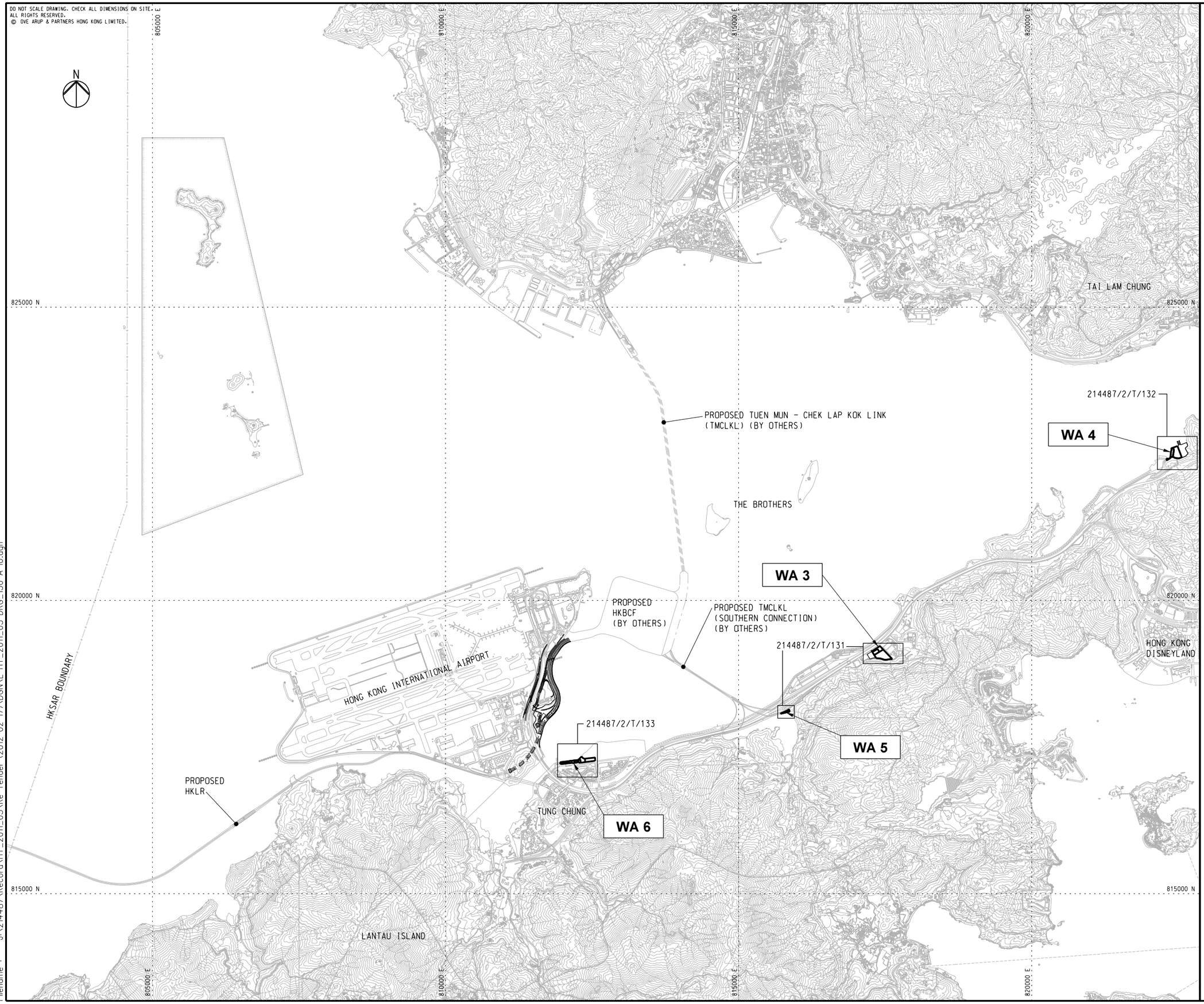
Copied to : Supervising Officer, IEC, EPD, Contractor, ENPO

Summary of Notifications of Summons and Prosecutions

Total No. of Notifications of Summons / Prosecutions Received	No. of Notifications of Summons / Prosecutions Received during Reporting Period	Status of Notifications of Summons / Prosecutions
0	0	N/A

APPENDIX N

Location of Works Areas



NOTES

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRG. NOS. 214487/2/T/131 - 133.

Rev	Description	By	Date
A	TENDER ISSUE	IL	02/12

Consultant

ARUP 奧雅納工程顧問 Ove Arup & Partners Hong Kong Limited

Contract No. and Title:

Contract No. HY/2011/03

Hong Kong-Zhuhai-Macao Bridge
Hong Kong Link Road -
Section Between Scenic Hill and
Hong Kong Boundary Crossing Facilities

Drawing title

WORKS AREAS
KEY PLAN

Drawing no.		Rev.
214487/2/T/130		A
Drawn: RY	Date: 02/12	Checked: IL	Approved: SK
Scale: 1:30000 @A1		Status: TENDER	

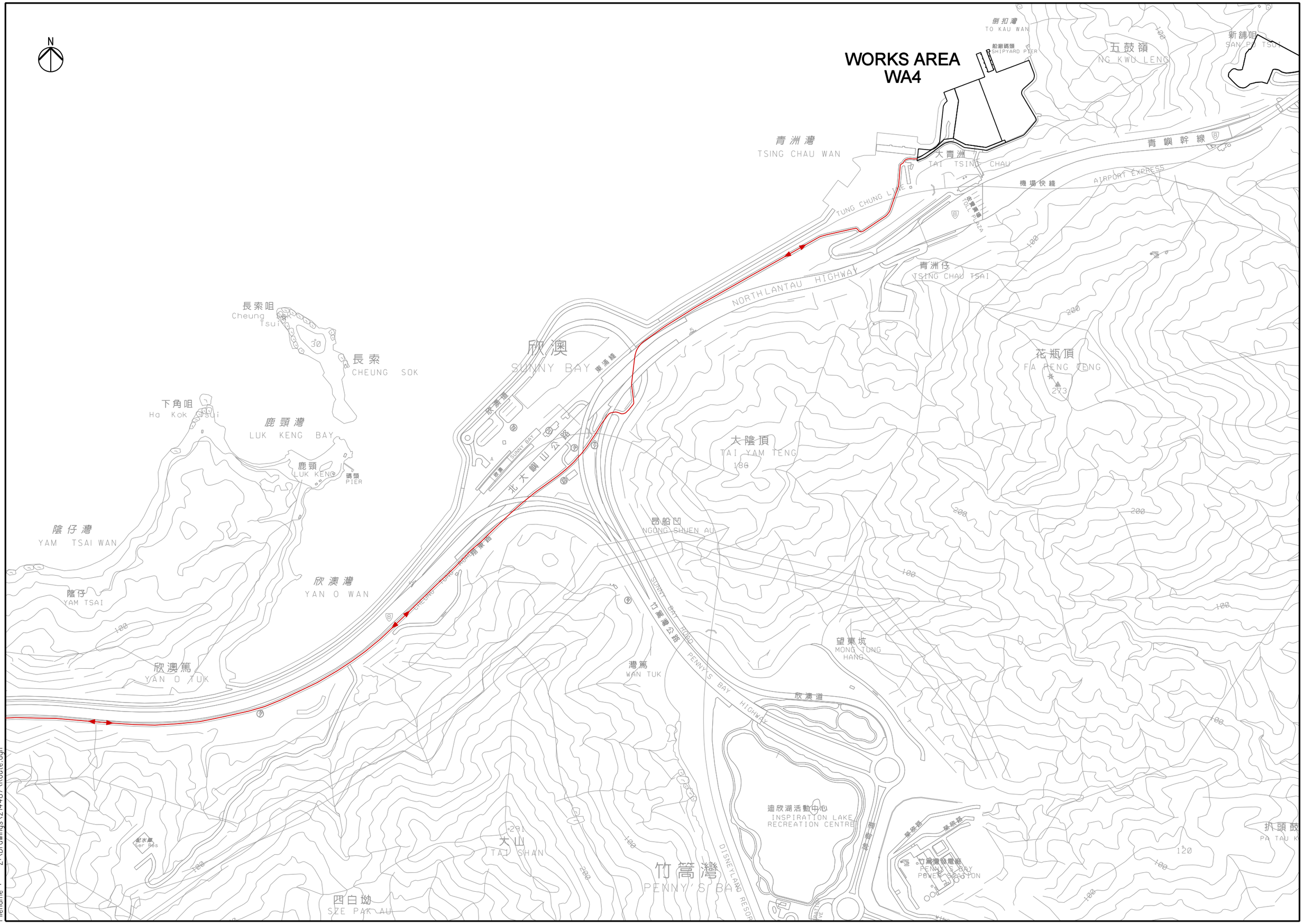
路政署 HIGHWAYS DEPARTMENT
港珠澳大橋香港工程管理處
Hong Kong - Zhuhai - Macao Bridge
Hong Kong Project Management Office

Printed by : 13/2/2012
Filename : J:\214487\Record\HY_2011_03\Re-Tender (2012-02-17)\DGN\E-HY_2011_03-DRG_130-A-10.dgn

N

WORKS AREA
WA3

Printed by : 30/5/2012
Filename : Z:\Drawings\214487\Route.dgn


N
WORKS AREA
WA4
倒扣灣
TO KAU WAN
船廠碼頭
SHIPYARD PIER
五鼓嶺
NG KWU LENG
新舖咀
SAN PO TSUI
青洲灣
TSING CHAU WAN
大青洲
TAI TSING CHAU
青嶼幹線
機場快綫
AIRPORT EXPRESS
TUNG CHUNG LINE
TOLL PLAZA
NORTH LANTAU HIGHWAY
青洲仔
TSING CHAU TSAI
長索咀
Cheung Sok Tsui
長索
CHEUNG SOK
下角咀
Ha Kok Tsui
鹿頸灣
LUK KENG BAY
鹿頸
LUK KENG
碼頭
PIER
欣澳
SUNNY BAY
東涌線
欣澳道
北大嶼山公路
SUNNY BAY ROAD
大陰頂
TAI YAM TENG
186
花瓶頂
FA PING TENG
273
陰仔灣
YAM TSAI WAN
陰仔
YAM TSAI
欣澳灣
YAN O WAN
欣澳篤
YAN O TUK
昂船凹
NGONG SHUEN AU
竹篙灣公路
SUNNY BAY ROAD
PENNY'S BAY HIGHWAY
望東坑
MONG TUNG HANG
灣篤
WAN TUK
欣澳道
迪欣湖活動中心
INSPIRATION LAKE RECREATION CENTRE
東涌路
DISNEYLAND RESORT LINE
竹篙灣發電廠
PENNY'S BAY POWER STATION
大山
TAI SHAN
291
四白坳
SZE PAK AU
竹篙灣
PENNY'S BAY
扒頭鼓
PA TAU K
100
200
120
300
Printed by : 28/5/2012
Filename : Z:\Drawings\214487\Route.dgn

N

WORKS AREA
WA5

NORTH LANTAU HIGHWAY

CHEUNG TUNG ROAD

北大嶼山公路

HWM

Rocky Area

Pipeline

Fence

Platform

Pier

碼頭

Rocky Shore

岩地

Pak Mong

白芒

TAI HO WAN

大蠔灣

煤氣調壓及檢管站

Printed by : 30/5/2012
Filename : Z:\Drawings\214487\Route.dgn

WORKS AREA WA6

6C | 6A | 6B | 6B

Fence

TUNG CHUNG WATERFRONT ROAD

Seawall

海堤

填地

東涌發展碼頭
Tung Chung Development Pier

東涌海濱路

CHUN YUE ROAD

CHEK LAP KOK SOUTH ROAD

AIRPORT ROAD

EAST COAST ROAD

CHUN KWAN ROAD

SCENIC ROAD

NORTH LANTAU HIGHWAY

SHUN TUNG ROAD

TUNG CHUNG EASTERN INTERCHANGE

駿運路交匯處
CHUN WAN ROAD INTERCHANGE

飛行訓練中心
Flight Training Centre

國泰城
Cathay Pacific City

古聚公園
Ancient Kiln Park

觀景山
SCENIC HILL

商貿港物流中心
Tradeport Logistics Centre

飛機燃料儲存庫
Tank Farm

白沙咀
Pak Sha Tsui

Aerial Ropeway 架空索道

赤鱲角南路

社區農圃
Community Garden

逢東路花園

東涌轉車站
Tung Chung Skytrain Terminal

施工中
Works in progress

東堤灣畔
Tung Chung Crescent

東涌小炮台
Tung Chung Battery

墓地
Graves

文東路公園
Man Tung Road Park

住客會所
Club House

海堤灣畔
Seaview Crescent

諾富特東薈城酒店
Novotel Citygate HK

東薈城
Citygate

東薈城第一期
Citygate

平台
Podium

東涌站
Tung Chung Station

富東邨
Fu Tung Estate

富東街

水藍天
LeBleu

藍天海岸
Coastal Skyline

影岸紅

抽水房

污水泵房

佛教青年營樂營
Buddhist Youth Camp

東涌東交匯處

迎耀路

映灣園
Caribbean Coast

悅灣軒
Carmel Cove

聽灣軒
Crystal Cove

文東路

東涌灣路

欣澳道

欣澳橋

欣澳大道

駿群路

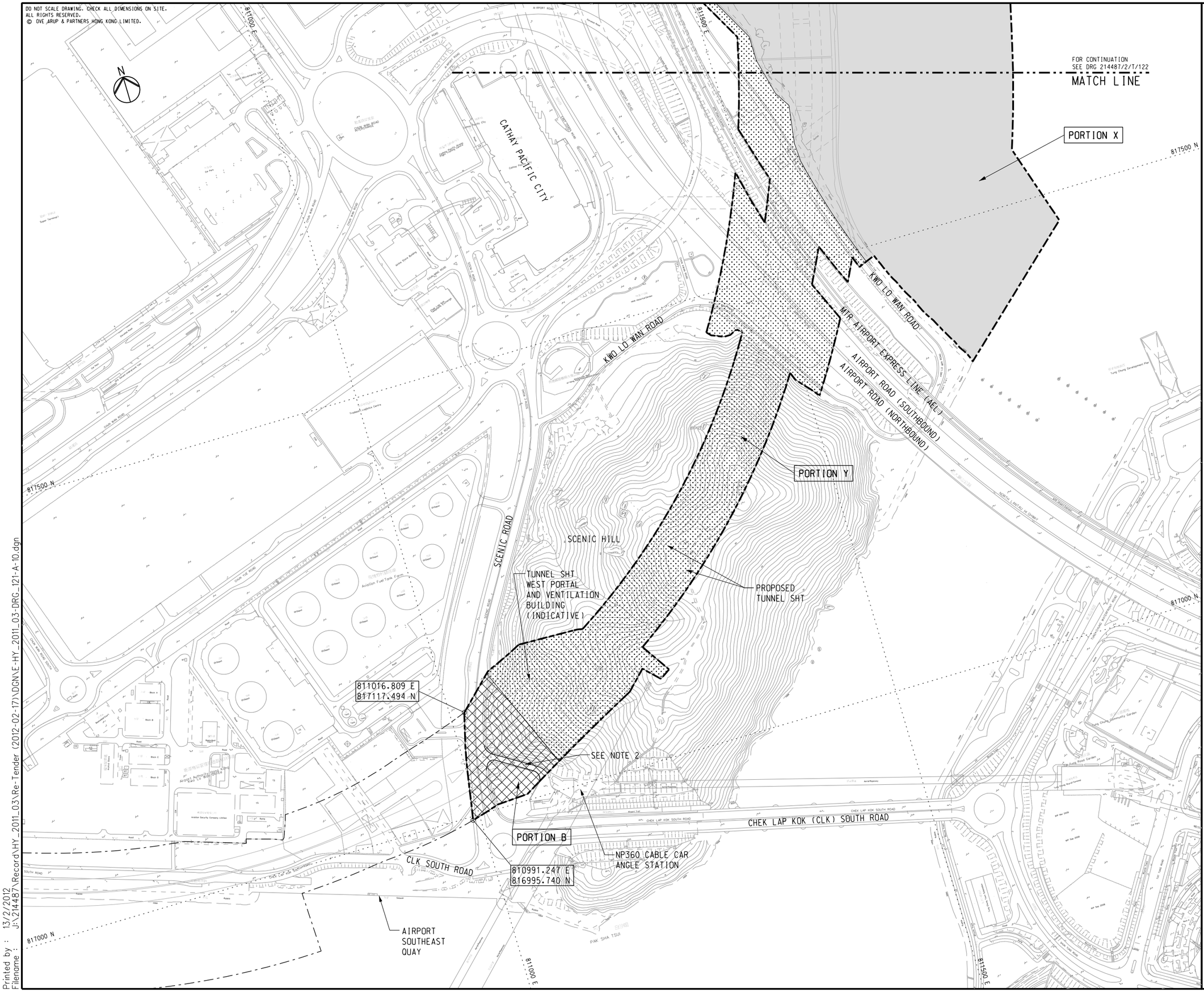
迴旋處

迴旋灣路

迴旋灣路

北大嶼山公路

Printed by : 30/5/2012
Filename : Z:\Drawings\214487\Route.dgn



NOTES

1. FOR DETAILED DESCRIPTION OF PORTION OF SITE, REFER TO ER PART 2 GENERAL SITE DATA.
2. ACCESS ROAD TO NP360 CABLE CAR ANGLE STATION SHALL BE MAINTAINED AT ALL TIMES.

LEGEND

- SITE BOUNDARY
- PORTION X
- PORTION Y
- PORTION B
- PORTION C
- PORTION D1

Rev	Description	By	Date
A	TENDER ISSUE	IL	02/12

Consultant

ARUP 奧雅納工程顧問 Ove Arup & Partners Hong Kong Limited

Contract No. and Title:

Contract No. HY/2011/03

Hong Kong-Zhuhai-Macao Bridge
Hong Kong Link Road -
Section Between Scenic Hill and
Hong Kong Boundary Crossing Facilities

Drawing title

PORTION OF SITE
(SHEET 1 OF 3)

Drawing no.	Rev.
214487/2/T/121	A

Drawn	Date	Checked	Approved
RY	02/12	IL	SK

Scale	Status
1:2000 @A1	TENDER

路政署 HIGHWAYS DEPARTMENT
港珠澳大橋香港工程管理處
Hong Kong - Zhuhai - Macao Bridge
Hong Kong Project Management Office

Printed by : 13/2/2012
Filename : J:\214487\Record\HY_2011_03\Re-Tender (2012-02-17)\DGN\E-HY_2011_03-DRG_121-A-10.dgn

NOTES

1. FOR GENERAL NOTES AND LEGEND, REFER TO DRG. NO. 214487/2/T/121.

Rev	Description	By	Date
A	TENDER ISSUE	IL	02/12

Consultant

ARUP 奧雅納工程顧問 Ove Arup & Partners Hong Kong Limited

Contract No. and Title:

Contract No. HY/2011/03

Hong Kong-Zhuhai-Macao Bridge
Hong Kong Link Road -
Section Between Scenic Hill and
Hong Kong Boundary Crossing Facilities

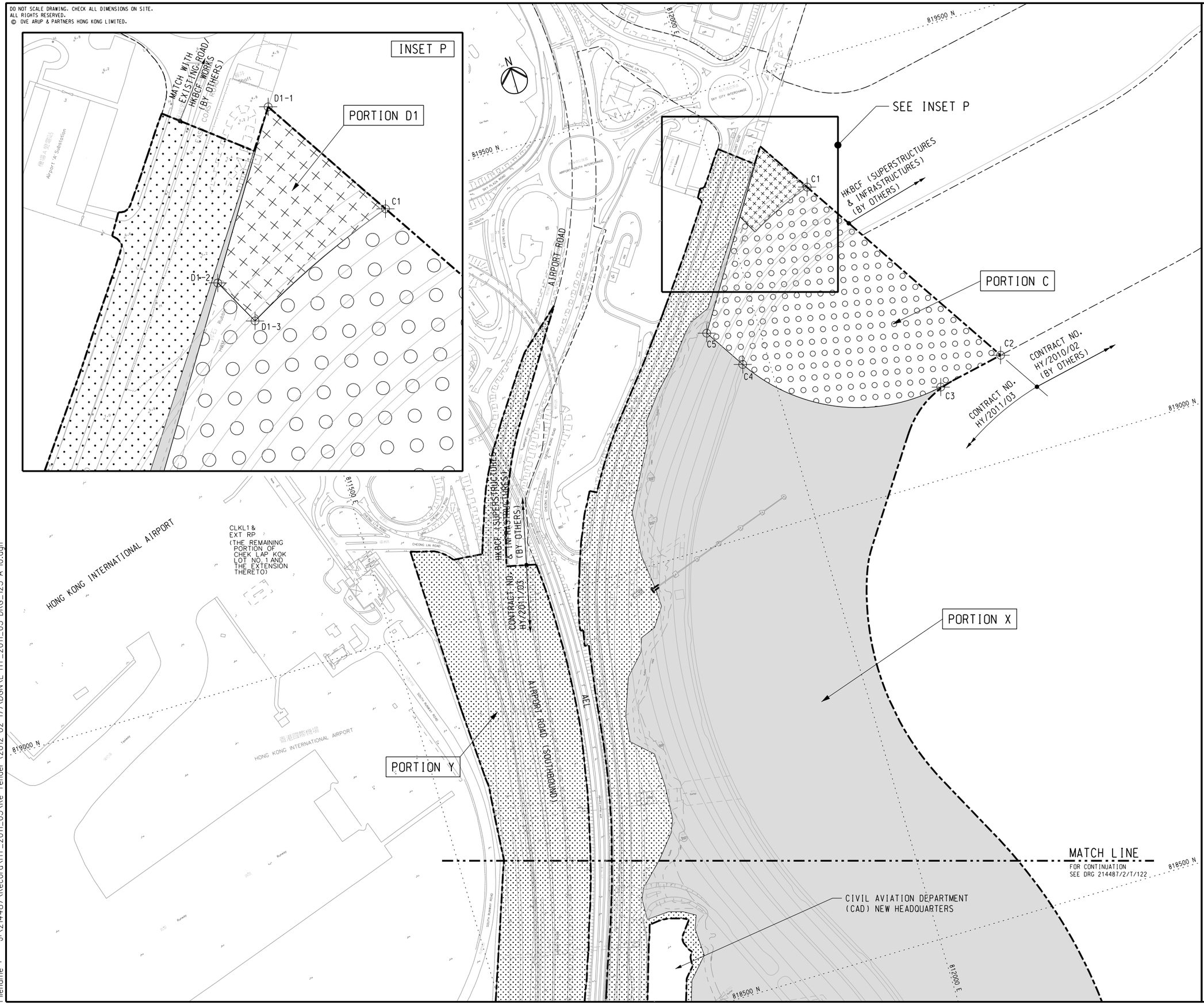
Drawing title

PORTION OF SITE
(SHEET 2 OF 3)

Drawing no.			Rev.
214487/2/T/122			A
Drawn	Date	Checked	Approved
RY	02/12	IL	SK
Scale		Status	
1:2000 @A1		TENDER	

路政署 HIGHWAYS DEPARTMENT
港珠澳大橋香港工程管理處
Hong Kong - Zhuhai - Macao Bridge
Hong Kong Project Management Office

Printed by : 13/2/2012
Filename : J:\214487\Record\HY_2011_03\Re-Tender (2012-02-17)\DGN\E-HY_2011_03-DRG_122-A-10.dgn



NOTES

1. FOR GENERAL NOTES AND LEGEND, REFER TO DRG. NO. 214487/2/T/121.

SETTING OUT CO-ORDINATES OF SITE PORTION C

POINT	CO-ORDINATES	
	EASTING	NORTHING
C1	812097.481	819361.966
C2	812254.199	819116.562
C3	812178.695	819101.208
C4	811970.282	819189.551
C5	811941.125	819235.206

SETTING OUT CO-ORDINATES OF SITE PORTION D1

POINT	CO-ORDINATES	
	EASTING	NORTHING
D1-1	812059.460	819421.497
D1-2	812014.853	819351.273
D1-3	812026.200	819329.938

Rev	Description	By	Date
A	TENDER ISSUE	IL	02/12

Consultant
ARUP 奧雅納工程顧問 Ove Arup & Partners Hong Kong Limited

Contract No. and Title:
Contract No. HY/2011/03
Hong Kong-Zhuhai-Macao Bridge
Hong Kong Link Road -
Section Between Scenic Hill and
Hong Kong Boundary Crossing Facilities

Drawing title
PORTION OF SITE
(SHEET 3 OF 3)

Drawing no.		Rev.
214487/2/T/123		A
Drawn: RY	Date: 02/12	Checked: IL / Approved: SK
Scale: 1:2000 @A1	Status: TENDER	

路政署 HIGHWAYS DEPARTMENT
港珠澳大橋香港工程管理處
Hong Kong - Zhuhai - Macao Bridge
Hong Kong Project Management Office

Printed by : 13/2/2012
Filename : J:\214487\Record\HY_2011_03\Re-Tender (2012-02-17)\DGN\E-HY_2011_03-DRG_123-A-10.dgn