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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.15 (December 2013)

15 January 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

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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 Fifteenth 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 December to 31 December 2013.

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	2, 6, 12, 18, 24, and 30 December 2013
24-hr TSP Monitoring at AMS 5	5, 20, 23 and 27 December 2013
24-hr TSP Monitoring at AMS 6	5, 11, 17, 23 and 27 December 2013
Noise Monitoring	2, 12, 18, 24 and 30 December 2013
Water Quality Monitoring	2, 4, 6, 9, 11, 13, 16, 18, 20, 23, 25, 27 and 30 December 2013
Mudflat Monitoring (Ecology)	4, 7, 8, 18, 21, 22 December 2013
Mudflat Monitoring (Sedimentation rate)	7 December 2013
Chinese White Dolphin Monitoring	5, 9, 13 and 19 December 2013
Site Inspection	4, 11, 18, 24 and 31 December 2013

Due to inclement weather, the dolphin monitoring was rescheduled from 17 December 2013 to 19 December 2013.

Due to interruption of electricity supply to high volume sampler (HVS) at AMS5 during the sampling period, the 24hr- dust monitoring result on 11 December 2013 was considered invalid. The HVS was broken on 11 December 2013 and resumed normal on 20 December 2013. Therefore, the air monitoring was rescheduled from 17 December 2013 to 20 December 2013.

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	3	1
Noise	$L_{eq\ (30\ min)}$	0	0
Water Quality	Suspended solids level (SS)	7	1
	Turbidity level	0	0
	Dissolved oxygen level (DO)	0	0

Seven Action Level exceedances of suspended solid level were recorded on 6, 16, 18, 20 and 27 December 2013. One Limit Level exceedance of suspended solid level was recorded on 6 December 2013. According to the information provided by the Contractor, marine construction activities were carried 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, all exceedances were considered as non-contract related.

Two Action Level exceedances of 24-hr TSP were recorded at station AMS6 on 11 and 27 December 2013. One Action Level exceedance of 24-hr TSP was recorded at station AMS5 on 27 December 2013. One Limit Level exceedance of 24-hr TSP was recorded at station AMS6 on 23 December 2013. The general weather conditions at Tung Chung were foggy and haze during the dust sampling period on 11, 23 and 27 December 2013. The API recorded by EPD at the Tung Chung station during the sampling period was considered high. Therefore, it was considered that the exceedances were not related to the construction activities of the Contract and were caused by poor weather condition.

Complaint Log

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

Environmental Complaint No.	Date of Complaint Received	Description of Environmental Complaints
COM-2013-045	27 December 2013	Noise

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 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 on 1 July 2013, as such the original impact water quality monitoring location at IS(Mf)9 was temporarily shifted outside the silt curtain. The new co-ordinates of station IS(Mf)9 are 813226E and 818708N since 1 July 2013.

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;
- 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;
- Establishment of Site Access at Kwo Lo Wan / Airport Road / Airport Express Line;
- Access Shaft Construction for Tunnel at Portion Y;
- Utility Culvert Excavation at Portion Y;
- Pipe Piling works for Depressed Roundabout at Portion Y;
- Tree Transplanting at East Coast Road;
- Site Formation at West Portal;
- Slope Protection / Stabilization (Soil Nailing Works) at West Portal; and
- Pipe Roofing Installation and Excavation for Tunnel SHT at West Portal.

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 O**.

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 Fifteenth 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 December 2013.

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
Site formation	West Portal
Slope protection/ stabilization (soil nailing works)	West Portal
Boulder removal/ stabilization works	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
Establishment of site access	Kwo Lo Wan/ Airport Road/ Airport Express Line
Works for east access shaft	Kwo Lo Wan/ Airport Road/ Airport Express Line
Access shaft construction for SHT & HAT	Portion Y
Utility culvert excavation	Portion Y
Pipe piling works for Depressed Roundabout	Portion Y
Pipe Roofing Installation and Excavation for Tunnel SHT	West Portal
Tree Felling	West Portal

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 December 2013 is provided in **Appendix D**. Due to interruption of electricity supply to high volume sampler (HVS) at AMS5 during the sampling period, the 24hr- dust monitoring result on 11 December 2013 was considered invalid. The HVS was found out of function since 11 December 2013. It was resumed normal on 20 December 2013. Therefore, the noise monitoring on 17 December 2013 was rescheduled from 17 December 2013 to 2013.

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	83	22 –172	352	500
AMS6	80	13 –122	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	158	139-195	164	260
AMS6	169	31-262	173	260

2.7.2 Two Action Level exceedances of 24-hr TSP were recorded at station AMS6 on 11 and 27 December 2013. One Action Level exceedance of 24-hr TSP was recorded at station AMS5 on 27 December 2013. One Limit Level exceedance of 24-hr TSP was recorded at station AMS6 on 23 December 2013. The general weather conditions at Tung Chung were foggy and haze during the dust sampling period on 11, 23 and 27 December 2013. The API recorded by EPD at the Tung Chung station during the sampling period was considered high. Therefore, it was considered that the exceedances were not related to the construction activities of the Contract and was caused by poor weather condition.The event action plan is annexed in **Appendix F**.

2.7.3 There were technical problems of the on-site weather station from 21 December 2013 to 25 December 2013. As the wind data could not be monitored, the wind data for this period were reference to the wind data of 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 December 2013 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	59	58 – 61	75

*A correction of +3dB(A) facade correction 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
IS(Mf)9	Impact Station (Close to HKBCF construction site)	813226	818708
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

Remark:
The original monitoring station at IS(Mf)9 (Coordinate- East:813273, North 818850) was observed inside the perimeter silt curtain on 1 July 2013, as such the original impact water quality monitoring location at IS(Mf)9 was temporarily shifted outside the silt curtain. The new co-ordinates of station IS(Mf)9 are 813226E and 818708N since 1 July 2013.

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°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 December 2013 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 Exceedances were recorded for suspended solid level during the reporting month. 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	--	--	--	--	--	--	27 Dec 2013	06 Dec 2013	1	1
	Limit Level	--	--	--	--	--	--	--	--	0	0
IS7	Action Level	--	--	--	--	--	--	--	20 Dec 2013	0	1
	Limit Level	--	--	--	--	--	--	--	--	0	0
IS8	Action Level	--	--	--	--	--	--	--	20 Dec 2013	0	1

Station	Exceedance Level	DO (S&M)		DO (Bottom)		Turbidity		SS		Total number of exceedances	
		Ebb	Flood	Ebb	Flood	Ebb	Flood	Ebb	Flood	Ebb	Flood
	Limit Level	--	--	--	--	--	--	--	--	0	0
IS(Mf)9	Action Level	--	--	--	--	--	--	--	18 Dec 2013	0	1
	Limit Level	--	--	--	--	--	--	--	--	0	0
IS10	Action Level	--	--	--	--	--	--	--	16 Dec 2013	0	1
	Limit Level	--	--	--	--	--	--	--	--	0	0
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	--	--	--	--	--	--	--	06 Dec 2013	0	1
SR10B	Action Level	--	--	--	--	--	--	--	06 Dec 2013	0	1
	Limit Level	--	--	--	--	--	--	--	--	0	0
Total	**Action**	0	0	0	0	0	0	1	5	7**	
	Limit	0	0	0	0	0	0	0	1	1**	

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

4.7.3 During the reporting month, seven Action Level (AL) exceedances of suspended solid level and one Limit Level (LL) exceedance of suspended solid level were recorded.

4.7.4 On 6 December 2013, AL exceedances at stations IS(Mf)6 and SR10B and a LL exceedance at station SR10A were recorded during mid-flood tide. According to the information provided by the Contractor, sand filling and stone column installation at Zone 1, stone column installation at Zone 2, sand filling and removal of stone platform at Zone 3A were carried within silt curtain as recommended in the EIA Report.

4.7.5 On 16 December 2013, an AL exceedance at station IS10 was recorded during mid-flood tide. According to the information provided by the Contractor, sand filling, aggregate filling for temporary stone platform, transfer of fill material, stone column works and installation of geotextile tubes at Zone 1, sand filling and stone column works at Zone 2, sand filling, public fill filling, transfer of fill material and band drain installation at Zone 3A, transfer of fill material at Zone 3C were carried within silt curtain as recommended in the EIA Report.

4.7.6 On 18 December 2013, an AL exceedance at station IS(Mf)9 was recorded during mid-flood tide. According to the information provided by the Contractor, sand filling, aggregate filling for temporary stone platform, transfer of fill material, stone column works and installation of geotextile tubes at Zone 1, sand filling, removal of temporary stone platform and stone column works at Zone 2, sand filling, transfer of fill material, removal of temporary stone platform and band drain installation at Zone 3A, transfer of fill material at Zone 3C were carried within silt curtain as recommended in the EIA Report.

4.7.7 On 20 December 2013, AL exceedances at stations IS7 and IS8 were recorded during mid-flood tide. According to the information provided by the Contractor, sand filling, aggregate filling for temporary stone platform, transfer of fill material, stone column works and installation of geotextile tubes at Zone 1, sand filling, removal of temporary stone platform and stone column works at Zone 2, sand filling, transfer of fill material, removal of temporary stone platform and band drain installation at Zone 3A, transfer of fill material at Zone 3C were carried within silt curtain as recommended in the EIA Report.

4.7.8 On 27 December 2013, an AL exceedance at station IS(Mf)6 was recorded during mid-ebb tide. According to the information provided by the Contractor, sand filling, rock filling and installation of stone column at Zone 1 and Zone 2, sand filling, public fill filling, transfer sand and public fill, removal of temporary stone platform at Zone 3A, transfer of fill material at Zone 3C were carried within silt curtain as recommended in the EIA Report.

4.7.9 On 6, 16, 18, 20 and 27 December 2013, there were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results. No leakage of turbid water or any abnormity or malpractice was observed during the sampling exercise. The suspended solid levels were considered to be attributed to other external factors, rather than the contract works. Therefore, all exceedances were considered as non-contract related.

4.7.10 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.

4.7.11 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). 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 Steiner 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 December 2013, two sets of systematic line-transect vessel surveys were conducted the 5th, 9th, 13th and 19th, to cover all transect lines in NWL and NEL survey areas twice. The survey routes of each survey day are presented in **Figure 2-5 of Appendix H**.

5.3.2 From these surveys, a total of 277.40 km of survey effort was collected, with 83.2% 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, 98.10 km and 179.30 km of survey effort were collected from NEL and NWL survey areas respectively. In addition, the total survey effort conducted on primary lines was 217.14 km, while the effort on secondary lines was 60.26 km.

5.3.3 During the two sets of monitoring surveys in December 2013, a total of 8 groups of 33 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 December, with another sighting with three animals made in NEL. All sightings were made on primary lines during on-effort search, and none of the dolphin groups was associated with an operating fishing vessel.

5.3.4 Distribution of these dolphin sightings made in December 2013 is shown in **Figure 6 of Appendix H**. The sightings made in Northwest Lantau were mainly concentrated within and adjacent to the Sha Chau and Lung Kwu Chau Marine Park, while one sighting was made between Pillar Point and northeast corner of the airport. The lone sighting made in Northeast Lantau was located near Spoon Island around the Brothers Islands.

5.3.5 None of the eight sightings was made in the proximity of the HKLR and HKBCF construction sites as well as the HKLR09 bridge alignment. **(Figure 6 of Appendix H)**.

5.3.6 During December's surveys, encounter rates of Chinese white dolphins deduced from the survey effort and on-effort sighting data made under favorable 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: Dec 5th/9th	2.68	8.05
	Set 2: Dec 13th/19th	0.0	0.0
NWL	Set 1: Dec 5th/9th	6.95	30.57
	Set 2: Dec 13th/19th	6.82	27.27

Remarks:

1. Dolphin Encounter Rates Deduced from the Two Sets of Surveys (Two Surveys in Each Set) in December 2013 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	1.4	1.0	4.1	3.1
Northwest Lantau	6.9	5.3	29.6	22.6

Remarks:

1. Monthly Average Dolphin Encounter Rates (Sightings Per 100 km of Survey Effort) from All Four Surveys Conducted in December 2013 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 December 2013 was 4.13 individuals per group, which was slightly higher than the averages in previous months of dolphin monitoring. Most dolphin groups were composed of only 1-4 animals, while another two medium and large groups sighted in Northwest Lantau were composed of six and twelve animals respectively

Photo-identification Work

5.3.8 Twenty-two individual dolphins were identified during December's surveys, Almost all of them were only sighted once during the month, except that NL24 was sighted three times on three different survey days (**Annex III and IV of Appendix H**).

5.3.9 Only one well-recognized female, NL104, was accompanied with her calves during their re-sightings. Notably, this mother-calf pair has 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 (December 2013 – February 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 Jefferson, T. A. 2000. Population biology of the Indo-Pacific hump-backed dolphin in Hong Kong waters. Wildlife Monographs 144:1-65.

5.4.4 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.

6 Mudflat Monitoring

6.1 Sedimentation Rate Monitoring

Methodology

6.1.1 To avoid disturbance to the mudflat and nuisance to navigation, no fixed marker/monitoring rod was installed at the monitoring stations. A high precision Global Navigation Satellite System (GNSS) real time location fixing system (or equivalent technology) was used to locate the station in the precision of 1mm, which is reasonable under flat mudflat topography with uneven mudflat surface only at micro level. This method has been used on Agricultural Fisheries and Conservation Department's (AFCD) project, namely Baseline Ecological Monitoring Programme for the Mai Po Inner Deep Bay Ramsar Site for measurement of seabed levels.

6.1.2 Measurements were taken directly on the mudflat surface. The Real Time Kinematic GNSS (RTK GNSS) surveying technology was used to measure mudflat surface levels and 3D coordinates of a survey point. The RTK GNSS survey was calibrated against a reference station in the field before and after each survey. The reference station is a survey control point established by the Lands Department of the HKSAR Government or traditional land surveying methods using professional surveying instruments such as total station, level and/or geodetic GNSS. The coordinates system was in HK1980 GRID system. For this contract, the reference control station was surveyed and established by traditional land surveying methods using professional surveying instruments such as total station, level and RTK GNSS. The accuracy was down to mm level so that the reference control station has relatively higher accuracy. As the reference control station has higher accuracy, it was set as true evaluation relative to the RTK GNSS measurement. All position and height correction were adjusted and corrected to the reference control station. Reference station survey result and professional land surveying calibration is shown as Table 6.1:

Table 6.1 Reference Station Survey result and GNSS RTK calibration result of Round 1

Reference Station	Easting (m)	Northing (m)	Baseline reference elevation (mPD) (A)	Round 1 Survey (mPD) (B)	Calibration Adjustment (B-A)
T1	811248.660mE	816393.173mN	3.840	3.817	-0.023
T2	810806.297mE	815691.822mN	4.625	4.653	+0.028
T3	810778.098mE	815689.918mN	4.651	4.660	+0.009
T4	810274.783mE	816689.068mN	2.637	2.709	+0.072

6.1.3 The precision of the measured mudflat surface level reading (vertical precision setting) was within 10 mm (standard deviation) after averaging the valid survey records of the XYZ HK1980 GRID coordinates. Each survey record at each station was computed by averaging at least three measurements that are within the above specified precision setting. Both digital data logging and written records were collected in the field. Field data on station fixing and mudflat surface measurement were recorded.

Monitoring Locations

6.1.4 Four monitoring stations were established based on the site conditions for the sedimentation monitoring and are shown in **Figure 6.1**.

Monitoring Results

6.1.5 The baseline sedimentation rate monitoring was in September 2012 and impact sedimentation rate monitoring was undertaken on 7 December 2013. The mudflat surface levels at the four established monitoring stations and the corresponding XYZ HK1980 GRID coordinates are presented in **Table 6.2 and Table 6.3.**

Table 6.2 Measured Mudflat Surface Level Results

	Baseline Monitoring (September 2012)			Impact Monitoring(December 2013)		
Monitoring Station	Easting (m)	Northing (m)	Surface Level (mPD)	Easting (m)	Northing (m)	Surface Level (mPD)
S1	810291.160	816678.727	0.950	810291.160	816678.729	1.027
S2	810958.272	815831.531	0.864	810958.247	815831.552 0	0.942
S3	810716.585	815953.308	1.341	810716.612	815953.327	1.432
S4	811221.433	816151.381	0.931	811221.424	816151.385	0.981

Table 6.3 Comparison of measurement

	Comparison of measurement			Remarks and Recommendation
Monitoring Station	Easting (m)	Northing (m)	Surface Level (mPD)	
S1	0.001	0.002	0.077	Within tolerance, no significant change
S2	-0.025	0.021	0.078	Within tolerance, no significant change
S3	0.027	0.019	0.091	Level continuously increased
S4	-0.009	0.004	0.050	Within tolerance, no significant change

6.1.6 This measurement result was generally and relatively higher than the baseline measurement at S3. The mudflat level is continuously increased. For S1, S2 and S4 showed that the level has increased within tolerance and their sea bed depth would not be considered as significant change.

6.2 Water Quality Monitoring

6.2.1 The mudflat monitoring covered water quality monitoring data. Reference was made to the water quality monitoring data of the representative water quality monitoring station (i.e. SR3) as in the EM&A Manual. The water quality monitoring location (SR3) is shown in **Figure 2.1**.

6.2.2 Impact water quality monitoring in San Tau (monitoring station SR3) was conducted in December 2013. The monitoring parameters included dissolved oxygen (DO), turbidity and suspended solids (SS).

6.2.3 The Impact monitoring results for SR3 were extracted and summarised below:

Table 6.4 Impact Water Quality Monitoring Results (Depth Average)

Date	Mid Ebb Tide			Mid Flood Tide		
	DO (mg/L)	Turbidity (NTU)	SS (mg/L)	DO (mg/L)	Turbidity (NTU)	SS (mg/L)
02-Dec-13	7.51	5.95	11.75	7.27	5.80	13.00
04-Dec-13	7.32	11.25	12.90	7.28	9.60	12.35
06-Dec-13	7.43	10.85	16.15	7.18	12.20	17.50
09-Dec-13	7.16	8.95	8.45	7.16	8.80	9.95
11-Dec-13	7.12	5.20	6.45	7.30	11.15	14.25
13-Dec-13	7.31	4.20	5.70	7.49	6.90	9.05
16-Dec-13	7.82	6.95	12.60	7.16	5.80	10.80
18-Dec-13	7.50	11.30	15.00	7.33	12.75	16.75
20-Dec-13	7.67	11.05	17.70	7.53	11.35	14.90
23-Dec-13	8.01	11.50	13.60	7.66	11.35	13.10
25-Dec-13	7.98	10.50	10.40	7.96	7.45	8.20
27-Dec-13	7.89	4.85	10.55	8.25	5.40	16.90
30-Dec-13	8.19	5.10	4.45	8.58	5.05	5.10
Average	7.61	8.28	11.21	7.55	8.74	12.45

6.3 Mudflat Ecology Monitoring Methodology

Sampling Zone

6.3.1 There are two survey areas specified under the updated EM&A Manual for the Contract, namely Tung Chung Bay and San Tau. Tung Chung Bay survey area is divided into three sampling zones (TC1, TC2 and TC3) and there is one sampling zone at San Tau (ST). Survey of horseshoe crabs, seagrass beds and intertidal communities were conducted in each sampling zone. The locations of sampling zones are shown in **Annex I of Appendix I**.

Horseshoe Crabs

6.3.2 An active search method was adopted for horseshoe crab survey at each sampling zone. The survey was undertaken by 2 specialists at each sampling zone. During the search period, any accessible and potential area would be investigated for any horseshoe crab individuals within 2-3 hours in low tide period (tidal level below 1.2 m above Chart Datum (C.D.)). Once a horseshoe crab was found, the species, size and inhabiting substrate, photographic record and respective GPS coordinate were recorded with reference to Li (2008). The horseshoe crab surveys were conducted on 4th (for zones TC1 and TC2) and 18th (for zones TC3 and ST) December, 2013. The weather was cloudy, windy and very cold on both survey days.

Seagrass Beds

6.3.3 An active search method was adopted for seagrass bed survey at each sampling zone. The survey was undertaken by 2 specialists each spending within 2-3 hours in low tide period. Once seagrass bed was observed, the species, the estimated area (m^2), photographic record and respective GPS coordinate were recorded. The seagrass bed surveys were conducted on 4th (for zones TC1 and TC2) and 18th (for zones TC3 and ST) December, 2013. The weather was cloudy, windy and very cold on both survey days.

Intertidal Soft Shore Communities

6.3.4 The sandy shore of San Tau and Tung Chung Bay from the uppermost part of the shore and to the water edge was divided into three tidal zones – upper, middle and lower zones, at each sampling zone, TC1, TC2, TC3 and ST. A 100m transect was laid in each of the three tidal zones for fauna sampling.

6.3.5 At each sampling zone, three 100m horizontal transects were laid at 2.0m, 1.5m and 1.0m above C.D. Along each transect, ten random quadrats (0.5 m x 0.5m) were placed. In each quadrat, the epifauna and infauna (within the top 5cm sediment) in each quadrat were identified and their numbers/coverage percentages were recorded. One core of 10cm diameter x 20cm depth was also collected within each quadrat. The sediments of the cores were sieved with 2mm mesh-size sieve and the biota inside was identified and counted. All collected fauna were released after recording except some tiny individuals that *in-situ* identification was not feasible. These tiny individuals were collected and were identified in the laboratory. Species and abundance of biota in both cores and quadrats were reported. The intertidal soft shore community surveys were conducted in low tide period on 7th (for ST), 8th (for TC3), 21st (for TC2) and 22nd December 2013 (for TC1).

Data Analysis

6.3.6 Data collected from direct search and core sampling was pooled in every quadrat for data analysis. Shannon-Weaver Diversity Index (H') and Pielou's Species Evenness (J) were calculated for every quadrat using the formulae below,

$H' = -\Sigma (Ni / N) \ln (Ni / N)$ (Shannon and Weaver, 1963)
$J = H' / \ln S$, (Pielou, 1966)
where S is the total number of species in the sample, N is the total number of individuals, and Ni is the number of individuals of the i^{th} species.

6.4 Event and Action Plan for Mudflat Monitoring

6.4.1 In the event of the impact monitoring results indicating that the density or the distribution pattern of intertidal fauna and seagrass is found to be significant different to the baseline condition (taking into account natural fluctuation in the occurrence and distribution pattern such as due to seasonal change), appropriate actions should be taken and additional mitigation measures should be implemented as necessary. Data should then be re-assessed and the need for any further monitoring should be established. The action plan, as given in **Table 6.5** should be undertaken within a period of 1 month after a significant difference has been determined.

Table 6.5 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.

Notes:
ET – Environmental Team
IEC – Independent Environmental Checker
SO – Supervising Officer

6.5 Mudflat Ecology Monitoring Results and Conclusion

Horseshoe Crabs

6.5.1 In the present survey, no individual of horseshoe crab was found at all sampling zone. Similar to the previous survey of Dec. 2012, it was believed that the individuals burrowed in the sediments during cold climate. According to the record of Hong Kong Observatory (monitoring station Chek Lap Kok), the lowest ambient temperature of Tung Chung ranged 9.6°C (18th Dec.) -15.9 °C (4th Dec.) only. Such low temperature would minimize their activity rate thus no individual was found.

6.5.2 Based on the results of previous survey, horseshoe crab *Tachypleus tridentatus* could be found at TC1, TC3 and ST. All individuals recorded were found on soft mud, sandy substratum or sandy substratum surrounded by small gravels. Grouping was observed while the group size ranged 2-11 individuals.

6.5.3 **Figure 3.1 of Appendix I** show the changes of number of individuals, mean prosomal width and search record of horseshoe crab *Tachypleus tridentatus* at every sampling zone along the sampling months. Across the sampling months, the highest search record of *Tachypleus tridentatus* was reported at ST while the estimated age ranged 2.6–8.0 years. It indicated that ST was an important nursery ground for horseshoe crab especially newly hatched individuals due to larger area of suitable substratum (fine sand or soft mud) and less human disturbance (far from urban district). In contrast, no individual was found at TC2 except that in September 2013 (2 individuals only). It showed that TC2 was not a nursery ground for horseshoe crab. Possible factors were larger salinity change (flushed by two rivers) and higher human disturbance (closest to urban district and easily accessible by people.

6.5.4 Another less common species *Carcinoscorpius rotundicauda* was not found during the whole survey period except the survey conducted in December 2012 at ST (4 individuals). This species was believed present in ST at very low number while encounter was very rare.

6.5.5 Both number of individuals and search records declined obviously during dry season (from September to December) at TC1, TC3 and ST (**Figure. 3.1 of Appendix I**). As mentioned, the horseshoe crabs were inactive and burrowed in the sediments during cold weather (<15 ºC). Similar results of low search record in dry seasons were reported in a previous territory-wide survey of horseshoe crab. For example, the search records at Tung Chung Wan were 0.17 individuals hr^{-1} $person^{-1}$ and 0 individual hr^{-1} $person^{-1}$ in wet season and dry season respectively (details see Li, 2008). From December to September, the search record increased along with the warmer climate at the three sampling zones.

6.5.6 **Figure 3.2 of Appendix I** shows the changes of prosomal width of horseshoe crab *Tachypleus tridentatus* at the important nursery ground ST. It was believed that most of individuals (50% records between upper and lower quartile), recorded in the dry season, had grown to a size of double in June 2013 (prosomal width increase from 10-20 mm to 30-50 mm). The individuals remained similar in size in Sep. 2013. It indicated the major moulting period occurring between March and June. At the same time, tiny individuals (10-15 mm) were found (outliers of low value) that seasonal spawning was believed occurring there.

6.5.7 At ST, sharp increase of number of individuals was recorded from 15 individuals in March 2013, 59 individuals in June 2013 to 94 individuals in September 2013). A personal conversation was conducted with Prof. K.S. Shin (Department of Biology and Chemistry, The City University of Hong Kong (CityU) who was running a conservation programme of horseshoe crab in Hong Kong. His monitoring team had recorded similar increase of horseshoe crab population during wet season this year. It was believed the suitable ambient temperature increased its conspicuousness.

6.5.8 Besides, 18 labeled individuals of *Tachypleus tridentatus* (prosomal width: 28.76-56.00 mm) were recorded in the survey of September 2013. All of them were released through a conservation programme conducted by Dr. Shin (CityU). It was a re-introduction trial of artificial

bred and marked horseshoe crab juvenile at selected sites. So that the horseshoe crabs population might be restored in the natural habitat. Through a personal conversation with Dr Shin, about 100 individuals were released to ST on 20 June 2013. All these labeled individuals were not included in the results of present monitoring programme.

6.5.9 The present survey was the fifth time of sampling of the EM&A programme during the construction period. Based on the results, impacts of the HKLR project could not be detected on horseshoe crabs considering the factor of natural, seasonal variation, In case, abnormal phenomenon (e.g. very few numbers of horseshoe individuals in warm weather) is observed, it would be reported as soon as possible.

Seagrass Beds

6.5.10 **Table 3.1 and Figure 3.3** of **Appendix I** show the records of seagrass beds survey at every sampling zone. Seagrass was recorded in ST only while the most obvious patch was a long strand of *Halophila ovalis* nearby the mangrove vegetation on sandy substratum at tidal level 2 m above C.D.. The estimated total area was 633.6 m^2 with vegetation coverage 90-100%. It was formed by three patches of dense seagrass close to each other. Based on previous surveys, these three patches had grown and merged as one from September 12 to June 13. In present survey, these three patches had slightly separated. Beside, flowers were observed that indicated the reproductive period of *H. ovalis* (**Figure 3.4 of Appendix I**).

6.5.11 Moreover, 15 small patches of *H. ovalis* were recorded on soft mud at tidal level between 1.0 m and 1.5 m above C.D.. The estimated area of each patch varied highly and ranged 1.0-33.9 m^2 with estimated coverage ranging 5-80%. Six of the small patches were recorded in Sep. survey while more patches were recorded in the present survey. Seasonal recruitment of *H. ovalis* was believed occurred between June and December.

6.5.12 One small patch of *Zostera japonica* was found within the long strand of *Halophila ovalis*. The estimated area was 5.4 m^2 while the estimated coverage was about 20-30%.

6.5.13 **Figure 3.5 of Appendix I** shows the changes of estimated total area of seagrass beds at ST along the sampling months. For seagrass *Halophila ovalis*, the total area and estimated coverage increased gradually. It showed that the seagrass was in scattered patches during dry season then grew and merged into single patch during wet season. Seasonal recruitment during wet season further increased the total area of seagrass. However it was doubt that the newly recruited patches of seagrass would survive the natural heat stress, predation and wave action in the next wet season.

6.5.14 For seagrass *Zostera japonica,* it was not reported in the surveys of September and December 2012. Seasonal recruitment of few patches was reported between December and March. Then the patch size increased and merged gradually with the warmer climate. However the patch size decreased sharply in September survey. The patch might not overcome the high heat stress exerted on shore between June and September 2013. The patch size increased slightly in the present survey along with the cooler dry season.

6.5.15 The present survey was the fifth time of sampling of the EM&A programme during the construction period. Based on the results, impacts of the HKLR project could not be detected on seagrass. The seagrass area of *Halophila ovalis* was increasing steadily due to natural growth and seasonal recruitment. Although that of *Zostera japonica* decreased in the September survey, it would be the cause of natural heat stress. In case, abnormal phenomenon (e.g. rapid reduction of seagrass patch size) was observed, it would be reported as soon as possible.

Intertidal Soft Shore Communities

6.5.16 **Table 3.2 and Figure 3.6** of **Appendix I** show the types of substratum along the horizontal transect at every tidal level of every sampling zone. The relative distribution of different substrata was estimated by investigating the substratum types (Gravels & Boulders / Sands / Soft mud) of the ten random quadrats along the horizontal transect.

6.5.17 The distribution of substratum types varied among tidal levels and sampling zones. At TC1, higher percentage of 'Sands' (50%) and 'Gravels and Boulders' (40%) were recorded at high

tidal level.High percentage of 'Gravels and Boulders' (90%) was recorded at mid tidal level. Higher percentages of 'Sands' (50%) and 'Soft mud' (30%) were recorded at low tidal level. At TC2, high percentage of 'Sands' (80%) was recorded while the rest was 'Soft mud' (20%) at high tidal level. Higher percentages of 'Sands' (60%) and 'Gravels and Boulders' (40%) were recorded at mid tidal level. High percentage of 'Soft mud' (90%) was recorded at low tidal level. At TC3, high percentages of 'Sands' (60-70%) and 'Soft mud' (30-40%) were recorded at high and mid tidal levels. 'Gravels and Boulders' was recorded only (100%) at low tidal level. At ST, 'Gravels and Boulders' (90-100%) was the major substratum at high and mid tidal levels. Even distribution of 'Soft mud' (50%), 'Sands' (30%) and 'Gravels and Boulders' (20%) were recorded at low tidal level.

6.5.18 There was neither consistent vertical nor horizontal zonation pattern of substratum type in the study site. Such heterogeneous variation should be caused by different hydrology (e.g. wave in different direction and intensity) received by the four sampling zones.

6.5.19 **Table 3.3 of Appendix I** lists the total abundance, density and number of taxon of every phylum in the present survey. A total of 13718 individuals were recorded. Mollusks were significantly the most abundant phylum (total individuals 13369, density 446 individuals. m^{-2}, relative abundance 97.5%). The second abundant group was arthropod (total individuals: 201, density 7 individuals m^{-2}, 1.5%). Relatively other phyla were very low in abundance (≤0.6%). Similarly, the most diverse phylum were mollusks (43 taxa) followed by arthropods (12 taxa) and annelids (9 taxa). The taxa of other phyla were relatively less (≤ 2 taxon). The complete list of collected specimens is provided in **Annex III of Appendix I**.

6.5.20 **Table 3.4of Appendix I** shows the number of individual, relative abundance and density of each phylum at every sampling zone. The results were similar among the four sampling zones. In general, mollusks were the most dominant phylum (no. of individuals: 2419-4759 individuals., relative abundance 96.1-98.3%). Arthropods were the second abundant phylum (no. of individuals: 23-64 individuals, 0.8-2.0%) although the number of individuals was significantly lower than that of mollusks. Relatively, other phyla were very low in abundance across the four sampling zones (< 1%) except the annelids at TC2 (no. of individuals: 40 individuals, relative abundance 1.6%).

6.5.21 **Table 3.5 of Appendix I** lists the abundant species (relative abundance >10%) at every sampling zone. At TC1, gastropod *Batillaria multiformis* was clearly the most abundant at high and mid tidal levels (327-382 individuals. m^{-2}, relative abundance 59-79%). Rock oyster *Saccostrea cucullata* was at moderate abundance at mid and low tidal levels (97-123 individuals. m^{-2}, 19-36%). Gastropod *Monodonta labio* (73 individuals. m^{-2}, 11%) was the third abundant at mid tidal level. At low tidal level, gastropods *Batillaria zonalis* (38 individuals m^{-2}, 14%), *Lunella coronate* (29 individuals m^{-2}, 11%) and bivalve *Xenostrobus atrata* (30 individuals m^{-2}, 11%) were commonly occurring species at low-moderate abundances.

6.5.22 At TC2, gastropods *Cerithidea djadjariensis* (192 individuals m^{-2}, relative abundance 39%) and *Batillaria multiformis* (147 individuals m^{-2}, 30%) were highly abundant at high tidal level followed by other less abundant gastropods *Cerithidea cingulata* (66 individuals m^{-2}, 13%) and *Batillaria zonalis* (50 individuals m^{-2}, 10%). At mid tidal level, rock oyster *Saccostrea cucullata* was the most abundant (124 individuals m^{-2}, 32%) followed by less abundant gastropods *Cerithidea djadjariensis* (72 individuals m^{-2}, 19%) and *Batillaria zonalis* (58 individuals m^{-2}, 15%). At low tidal level, gastropods *Batillaria zonalis* (35 individuals m^{-2}, 28%), *Cerithidea djadjariensis* (30 individuals m^{-2}, 24%) and rock oyster *Saccostrea cucullata* (23 individuals m^{-2}, 18%) were three commonly occurring species at low abundances.

6.5.23 At TC3, gastropod *Batillaria multiformis* was highly abundant at all tidal levels (238-390 individuals m^{-2}, relative abundance 46-58%). Gastropod *Cerithidea djadjariensis* was the second abundant at high and mid tidal levels (105-144 individuals m^{-2}, 16-33%). At low tidal level, other abundant species were rock oyster *Saccostrea cucullata* (165 individuals m^{-2}, 19%) and gastropod *Monodonta labio* (119 individuals m^{-2}, 14%).

6.5.24 At ST, gastropod *Batillaria multiformis* was highly abundant (522 individuals m^{-2}, relative abundance 73%) at high tidal level followed by gastropod *Monodonta labio* (74 individuals m^{-2}, 10%). At mid tidal level, rock oyster *Saccostrea cucullata* was the most abundant (143

individuals m^{-2}, 38%) while other less abundant taxa were gastropods *Batillaria multiformis* (54 individuals m^{-2}, 14%), *Monodonta labio* (46 individuals m^{-2}, 12%) and *Lunella coronata* (40 individuals m^{-2}, 10%). At low tidal level, the abundant taxa, gastropod *Batillaria zonalis* (32 individuals m^{-2}, 29%) and rock oyster *Saccostrea cucullata* (24 individuals m^{-2}, 22%) were much lower in abundances.

6.5.25 There was no consistent zonation pattern of species distribution observed across sampling zones and tidal levels in Tung Chung Wan and San Tau. The species distribution should be determined by the type of substratum primarily. In general, gastropods *Batillaria multiformis* (6247 individuals, 46%) and *Cerithidea djadjariensis* (1646 individuals, 12%) were the most common occurring species on sandy substratum mainly among the four sampling zones. Moreover rock oyster *Saccostrea cucullata* (2035 individuals, 15%) and gastropod *Monodonta labio* (956 individuals, 7%) were commonly occurring species inhabiting gravel and boulders substratum.

6.5.26 **Table 3.5 of Appendix I** shows the mean values of number of species, density, *H'* and *J* of soft shore communities at every tidal level and sampling zone. Among the sampling zones, the mean number of species was generally similar (5-13 spp. 0.25 m^{-2}). The mean densities of TC3 (439-852 individuals m^{-2}) was generally higher than that of TC1 (272-652 individuals m^{-2}) followed by TC2 (124-495 individuals m^{-2}) and ST (107-710 individuals m^{-2}). The mean biodiversity index was similar and ranged 1.17-1.49. The species evenness at TC2 (0.72) was generally higher than that at other sampling zones (0.55-0.66).

6.5.27 Across the tidal levels, there was no difference of the mean number of species. Higher mean densities were observed at high and mid tidal levels except the sampling zone TC3. Usually higher mean biodiversity index and species evenness were observed at mid and low tidal levels.

6.5.28 **Figure 3.7 of Appendix I** shows the temporal changes of number of species, density, *H'* and *J* at every tidal level and sampling zone since the baseline monitoring survey (Sep 2012). No significant temporal change of any biological parameters was observed at all sampling zones. Although declined densities were observed during dry season (December), it was believed a natural, seasonal variation due to higher mortality and lower activity rate of intertidal fauna during cold, dry season. The densities of both sampling zones had increased along with the hot, wet season.

6.5.29 The present survey was the fifth time of sampling of the EM&A programme during the construction period. Based on the results, impacts of the HKLR project were not detected on intertidal soft shore community.

6.6 Reference

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7 ENVIRONMENTAL SITE INSPECTION AND AUDIT

7.1 Site Inspection

7.1.1 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 4, 11, 18 and 31 December 2013.

7.1.2 Particular observations during the site inspections are described below.

4 December 2013

(a) Temporary stockpile of dusty material without dust control measures at West Portal were observed. Water spraying was provided for the unpaved area to minimise fugitive dust emissions. (This observation was found on 29 November 2013 and closed on 4 December 2013.)

(b) Haul road was noted dry at S16. Water vehicle was arranged by the contractor to spray water on the unpaved area at S16. (This observation was found on 29 November 2013 and closed on 4 December 2013.)

(c) Oil leakage was found on the ground at S16. The leak out oil was cleaned out by the contractor at S16. (This observation was closed on 11 December 2013.)

(d) The drip tray for the chemical containers was overloaded at S16. The top layer of chemical containers was removed by the contractor at S16. (This observation was closed on 11 December 2013.)

(e) An oil container was found to be without drip tray at S16. A drip tray was provided by the contractor for the oil containers at S16. (This observation was closed on 11 December 2013.)

11 December 2013

(a) There was gap between the silt curtain at Portion X. The contactor provided maintenance for the silt curtains and there was no gap between silt curtains at Portion X. (This observation was closed on 18 December 2013.)

(b) An oil container was found to be without drip tray at vessel Chung Shang 1003. The oil container was removed by the contractor at vessel Chung Shang 1003. (This observation was closed on 18 December 2013.)

(c) An oil container was found to be without drip tray at S15.The oil container was removed by the contractor at S15. (This observation was closed on 18 December 2013.)

(d) Some materials were placed on the top of oil containers at S15. The materials were removed by the contractor at S15. (This observation was closed on 18 December 2013.)

(e) An oil container was found to be without drip tray at S17. The oil container was removed by the contractor at S17. (This observation was closed on 18 December 2013.)

(f) Chemical containers were found to be without drip trays at S23. The chemical containers were stored inside a drip tray at S23. (This observation was closed on 18 December 2013.)

18 December 2013

(a) No drip tray was provided for chemical containers at YM01. The chemical containers were removed at YM01. (This observation was closed on 24 December 2013.)

(b) No drip tray was provided for chemical containers at N13. The chemical containers were removed at N13. (This observation was closed on 24 December 2013.)

(c) Stagnant water was inside the I-beams at S15. Stagnant water inside the I-beams was removed at S15. (This observation was closed on 24 December 2013.)

(d) Stagnant water was inside a drip tray at S16. Stagnant water inside the drip tray was cleared at S16. (This observation was closed on 24 December 2013.)

(e) Stagnant water was inside I-beam at WA03. Stagnant water inside I-beam was removed at WA03. (This observation was closed on 24 December 2013.)

(f) Unpaved area was dry at WA04. Dry area was covered with the black plastic sheets to prevent fugitive dust emission. (This observation was closed on 24 December 2013.)

(g) Dust emissions were generated from excavation activities at N1. Water spray was provided during excavation works to prevent dust emissions at N1. (This observation was closed on 24 December 2013.)

24 December 2013

(a) Fill materials were found on the passage way of barge Tak Ming. Fill materials was cleared on the passage way of barge Tak Ming. (This observation was closed on 31 December 2013.)

(b) Oil containers were found without drip trays at N1. Oil containers were placed inside the drip tray at N1. (This observation was closed on 31 December 2013.)

(c) Dust emissions were generated from pilling activity at S11. Water spraying was provided during pilling activities to prevent dust emissions at S11 (This observation was closed on 31 December 2013.)

(d) A drip tray was overloaded with chemical containers at S15. The top layer of chemical containers was removed by the contractor at S15. (This observation was closed on 31 December 2013.)

31 December2013

(a) Drain holes on drip tray for chemical containers were not sealed and oil leakage was observed at N1. The contractor was reminded to seal the drain hole at drip trays and clear oil leakage at N1.

(b) Haul road was observed dry at N4. The contractor was reminded to strengthen dust control measures at haul road at N4.

(c) Stockpile of sandy materials at S15 was not covered by impervious sheeting or sprayed with water. The contractor was reminded to provide adequate dust control measures for stockpile of construction materials.

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.

7.2 Advice on the Solid and Liquid Waste Management Status

7.2.1 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.

7.2.2 Monthly summary of waste flow table is detailed in **Appendix J**.

7.2.3 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.

7.3 Environmental Licenses and Permits

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

7.4 Implementation Status of Environmental Mitigation Measures

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

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

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

7.4.4 Dolphin Watching Plan was implemented during the reporting month. No dolphins were observed. The relevant records were kept properly.

7.5 Summary of Exceedances of the Environmental Quality Performance Limit

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

7.5.2 Two Action Level exceedances of 24-hr TSP were recorded at station AMS6 on 11, 27 December 2013. One Action Level exceedance of 24-hr TSP was recorded at station AMS5 on 27 December 2013. One Limit Level exceedance of 24-hr TSP was recorded at station AMS6 on 23 December 2013.

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

7.5.4 For marine water quality monitoring undertaken during the reporting month, seven Action Level exceedances of suspended solid level were recorded on 6, 16, 18, 20 and 27 December 2013. One Limit Level exceedance of suspended solid level was recorded on 6 December 2013. According to the information provided by the Contractor, marine construction activities were carried 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, all exceedances were considered as non-contract related.

7.6 Summary of Complaints, Notification of Summons and Successful Prosecution

7.6.1 There was one complaint received during the reporting month. The summary of environmental complaints is presented in **Table 7.1**. The details of cumulative statistics of Environmental Complaints are provided in **Appendix K**.

Table 7.1 A Summary of Environmental Complaints for the Reporting Month

Environmental Complaint No.	Date of Complaint Received	Description of Environmental Complaints
COM-2013-45	27 December 2013	Noise

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

7.6.3 Statistics on notifications of summons and successful prosecutions are summarized in **Appendix N**.

8 FUTURE KEY ISSUES

8.1 Construction Programme for the Coming Months

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

Table 7.1 Construction Activities for January 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	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	Utilities Detection
Kwo Lo Wan / Airport Road / Airport Express Line	Establishment of Site Access
Portion Y	Access Shaft Construction for Tunnel
Portion Y	Utility Culvert Excavation
Portion Y	Pipe piling works for Depressed Roundabout
East Coast Road	Tree Transplanting
West Portal	Site Formation
West Portal	Slope Protection / Stabilization (Soil Nailing Works)
West Portal	Pipe Roofing Installation and Excavation for Tunnel SHT

8.2 Environmental Monitoring Scheme for the Coming Month

8.2.1 The tentative schedule for environmental monitoring in January 2014 is provided in **Appendix D**.

9 CONCLUSION

9.1 Conclusions

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

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

9.1.3 Two Action Level exceedance of 24-hr TSP were recorded at station AMS6 on 11, 27 December 2013. One Action Level exceedance of 24-hr TSP was recorded at station AMS5 on 27 December 2013. One Limit Level exceedance of 24-hr TSP was recorded at station AMS6 on 23 December 2013.

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

9.1.5 For marine water quality monitoring undertaken during the reporting month, seven Action Level exceedances of suspended solid level were recorded on 6, 16, 18, 20 and 27 December 2013. One Limit Level exceedance of suspended solid level was recorded on 6 December 2013. According to the information provided by the Contractor, marine construction activities were carried 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, all exceedances were considered as non-contract related.

9.1.6 During the December'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.

9.1.7 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 (December 2013 - February 2014) and baseline monitoring period (3-month period) will be made.

9.1.8 Environmental site inspection was carried out on 4, 11, 18, 24 and 31 December 2013. Recommendations on remedial actions were given to the Contractors for the deficiencies identified during the site inspections.

9.1.9 There was one noise complaint received during the reporting month. Complaint investigation was under investigation.

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

FIGURES

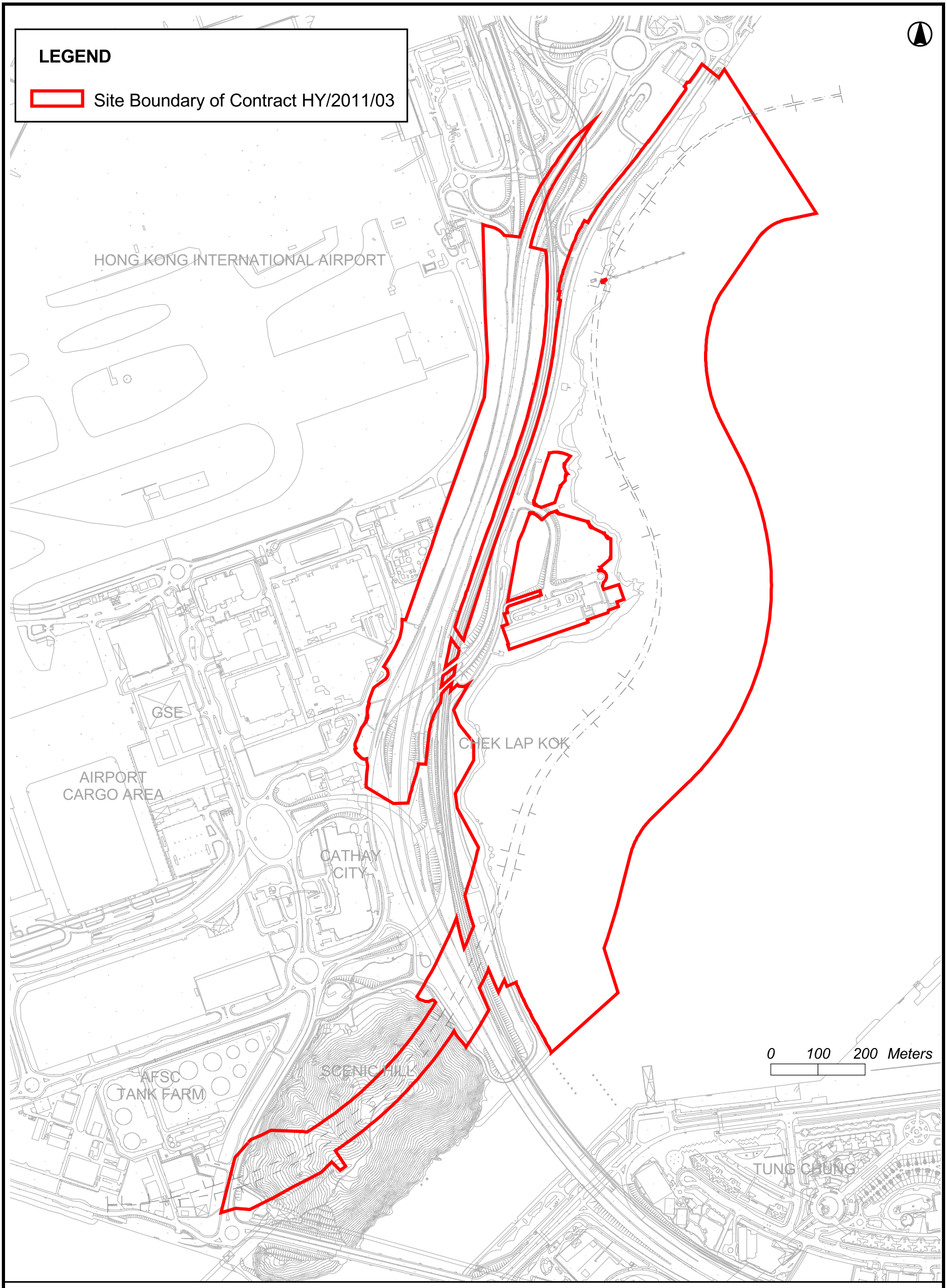
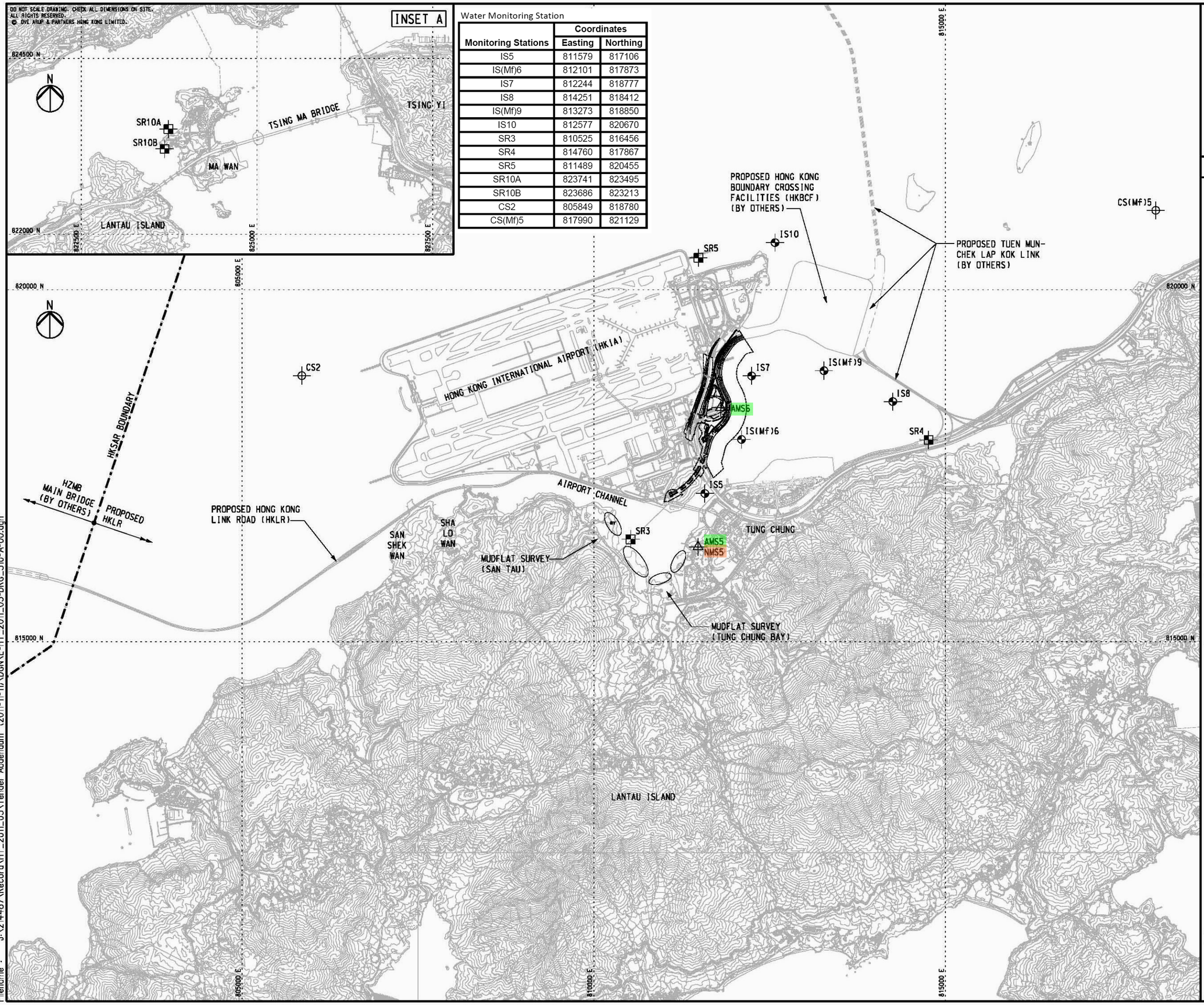


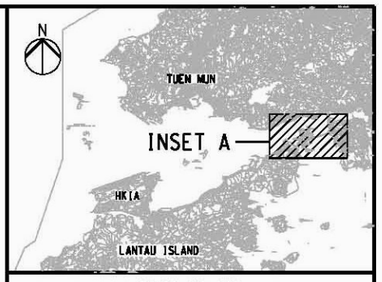
Figure 1.1 Location of the Site

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

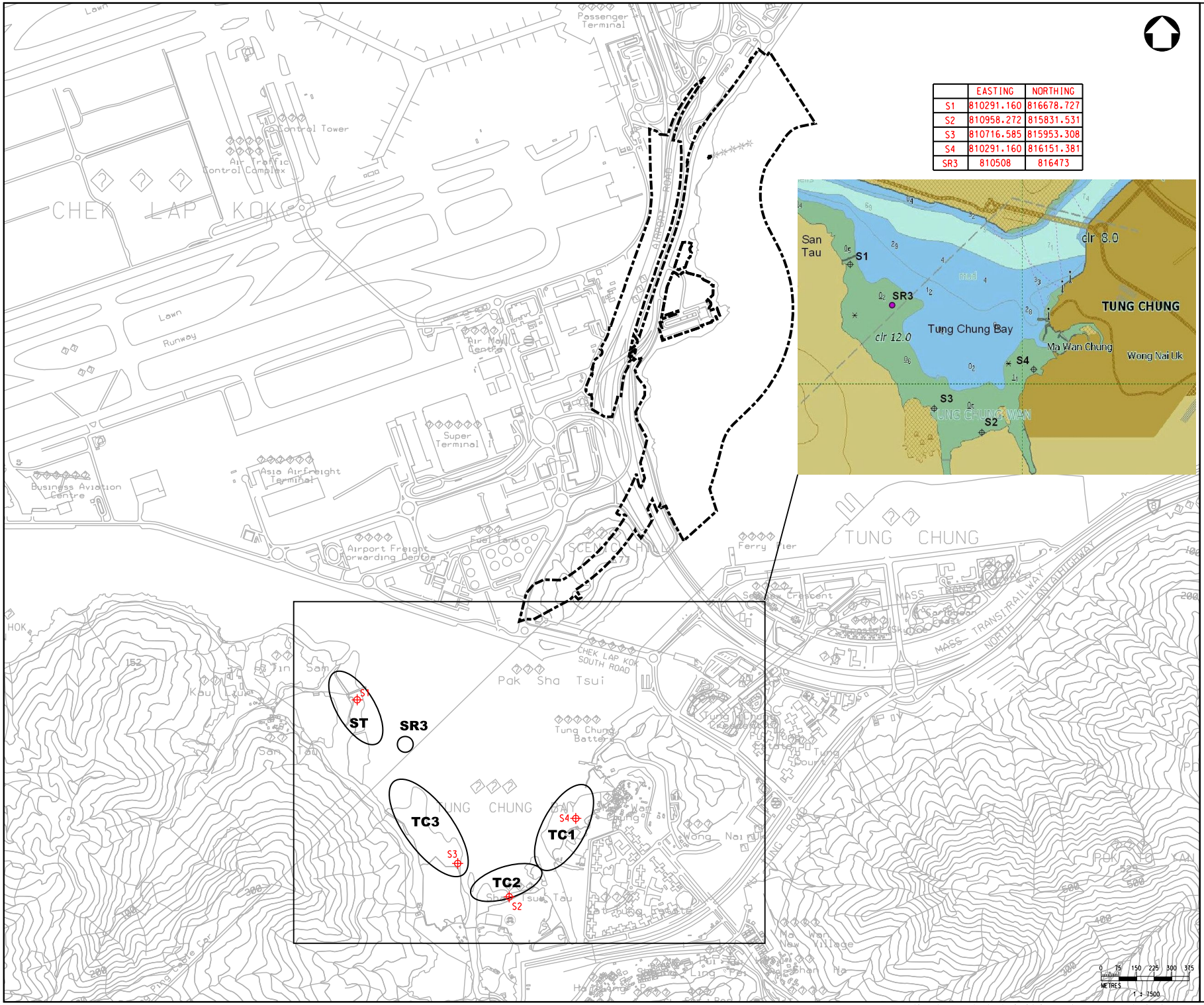
Contract No. and Title:
Contract No. HY/2011/03
Hong Kong-Zhuhai-Macao Bridge
Hong Kong Link Road -
Section Between Scenic Hill and
Hong Kong Boundary Crossing Facilities

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



Rev	Description	By	Date

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

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

Contractor's Designer
ATKINS 阿特金斯

Contract No. and Titles
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
MUDFLAT SURVEY AREAS

Drawing no.		Rev.
FIGURE 6.1		-
Drawn: ACL	Date: 26 SEP 2012	Checked: - / Approved: -
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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

Time:

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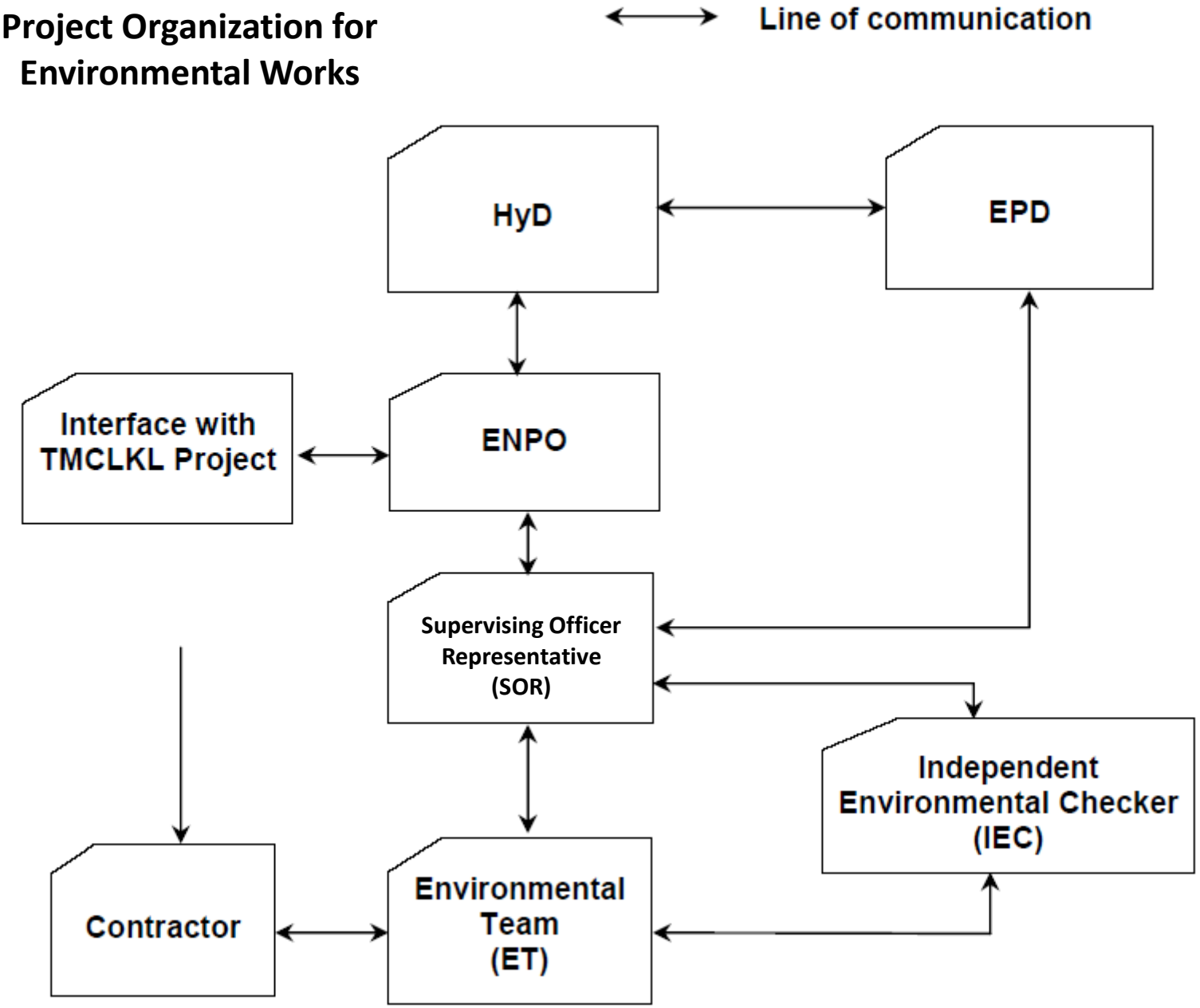
APPENDIX A

Environmental Management Structure

Project Organization for Environmental Works



APPENDIX B

Construction Programme

FILE: 3M19 (Rev.00)

Sheet 1 of 3

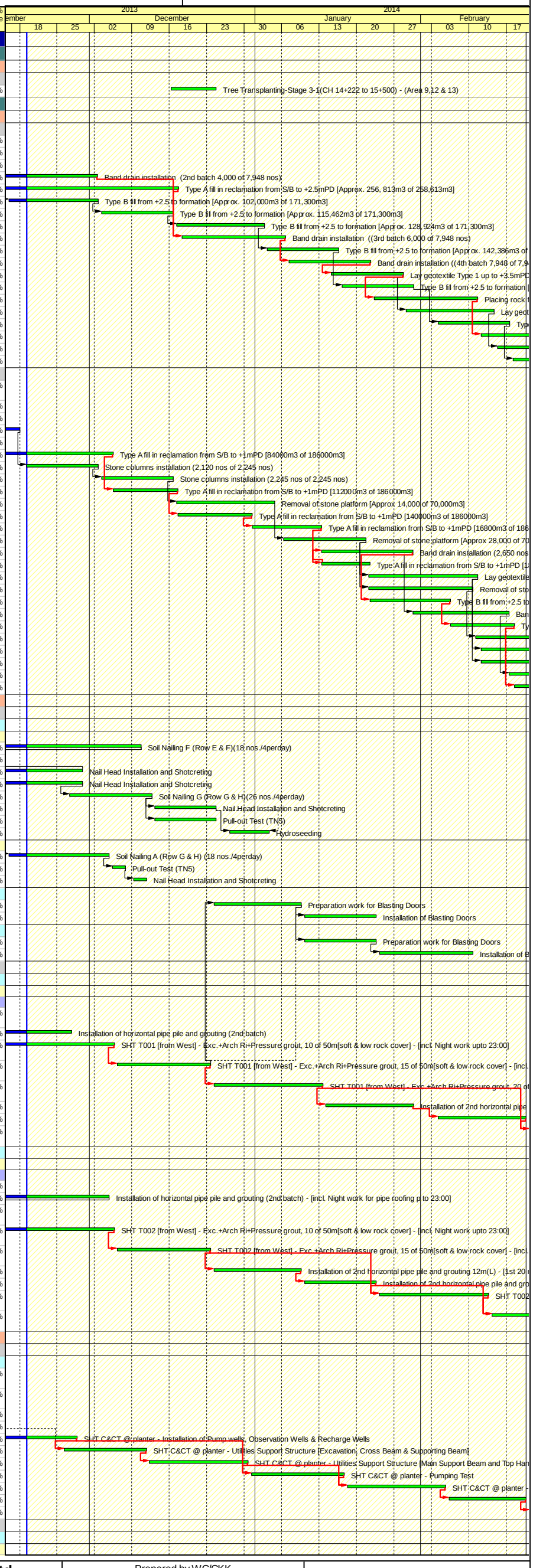
3-Months Rolling Programme (ER Part 5 & SCC 27(9))

(December 2013 to February 2014)

Layout ZMB - Layout 2 (3M Rolling Prog)(3M19)

TASK filters: 3M19, HZMB No Level Effort.

Activity ID	Activity Name	Dur. (days)	Start	Finish	Activity % Complete
3 MONTHS PROGRAMME HY/2011/03 (Dec 2013 to Feb 2014)(Rev0) Working File					
PRELIMINARIES (Site Establishment, Submissions, Permits & Licenses, Procurement)					
Site Estabalishment & Initial Works					
Tree Survey, Tree Felling and Transplanting					
GPS1810	Tree Transplanting-Stage 3-1(CH 14+222 to 15+500) - (Area 9,12 & 13)	8d	16-Dec-13 08*	24-Dec-13 18	0%
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					
RSC1012-1	Band drain installation (1st batch 2,000 of 7,948 nos)	14d	28-May-13 00 A	08-Oct-13 00 A	100%
RSC1013-2	Type B fill from +2.5 to formation [Approx. 68,000m3 of 171,300m3]	12d	15-Sep-13 00 A	15-Nov-13 00 A	100%
RSC1010-9	Type A fill in reclamation from S/B to +2.5mPD [Approx. 193, 684m3 of 258,613m3]	14d	16-Sep-13 00 A	07-Oct-13 00 A	100%
RSC1012-2	Band drain installation (2nd batch 4,000 of 7,948 nos)	14d	08-Oct-13 00 A	02-Dec-13 13	36%
RSC1010-10	Type A fill in reclamation from S/B to +2.5mPD [Approx. 256, 813m3 of 258,613m3]	14d	08-Oct-13 08 A	17-Dec-13 18	51%
RSC1013-3	Type B fill from +2.5 to formation [Approx. 102,000m3 of 171,300m3]	12d	16-Nov-13 00 A	02-Dec-13 18	65%
RSC1013-4	Type B fill from +2.5 to formation [Approx. 115,462m3 of 171,300m3]	12d	03-Dec-13 08	16-Dec-13 18	0%
RSC1013-5	Type B fill from +2.5 to formation [Approx. 128,924m3 of 171,300m3]	12d	17-Dec-13 08	02-Jan-14 18	0%
RSC1012-3	Band drain installation ((3rd batch 6,000 of 7,948 nos)	14d	18-Dec-13 08	06-Jan-14 18	0%
RSC1013-6	Type B fill from +2.5 to formation [Approx. 142,386m3 of 171,300m3]	12d	03-Jan-14 08	16-Jan-14 18	0%
RSC1012-4	Band drain installation ((4th batch 7,948 of 7,948 nos)	14d	07-Jan-14 08	22-Jan-14 18	0%
RSC1015-1	Lay geotextile Type 1 up to +3.5mPD	12d	15-Jan-14 08	28-Jan-14 18	0%
RSC1013-7	Type B fill from +2.5 to formation [Approx. 155,848m3 of 171,300m3]	12d	17-Jan-14 08	30-Jan-14 18	0%
RSC1016-1	Placing rock fill core upto +3.5mPD	14d	23-Jan-14 08	11-Feb-14 18	0%
RSC1015-2	Lay geotextile Type 1 up to +3.5mPD	12d	29-Jan-14 08	14-Feb-14 18	0%
RSC1013-8	Type B fill from +2.5 to formation [Approx. 169,310m3 of 171,300m3]	12d	04-Feb-14 08	17-Feb-14 18	0%
RSC1016-2	Placing rock fill core upto +3.5mPD	14d	12-Feb-14 08	27-Feb-14 18	0%
RSC1015-3	Lay geotextile Type 1 up to +3.5mPD	12d	15-Feb-14 08	28-Feb-14 18	0%
RSC1013-9	Type B fill from +2.5 to formation [Approx. 171,300m3 of 171,300m3]	12d	18-Feb-14 08	03-Mar-14 18	0%
Reclamation Works - SWCH0+570 to SWCH 1+000					
RSC1071-6	Construction stone platform - SWCH 0+570 to SWCH 1+000 [156000m3 of 156000m3] [incl.Night Work - 19:00 to 07:00]	12d	07-Sep-13 00 A	19-Oct-13 00 A	100%
RSC1072-1	Type A fill in reclamation from S/B to +1mPD [28000m3 of 186000m3]	15d	17-Sep-13 00 A	08-Oct-13 00 A	100%
RSC1075-6	Stone columns installation (1,590 nos of 2,245 nos)	12d	17-Sep-13 08 A	04-Oct-13 00 A	100%
RSC1075-7	Stone columns installation (1,855 nos of 2,245 nos)	12d	05-Oct-13 00 A	18-Nov-13 00 A	100%
RSC1072-2	Type A fill in reclamation from S/B to +1mPD [56000m3 of 186000m3]	15d	09-Oct-13 00 A	19-Oct-13 00 A	100%
RSC1072-3	Type A fill in reclamation from S/B to +1mPD [84000m3 of 186000m3]	10d	21-Oct-13 00 A	05-Dec-13 13	3%
RSC1075-8	Stone columns installation (2,120 nos of 2,245 nos)	12d	19-Nov-13 08 A	02-Dec-13 18	51%
RSC1075-9	Stone columns installation (2,245 nos of 2,245 nos)	12d	03-Dec-13 08	16-Dec-13 18	0%
RSC1072-4	Type A fill in reclamation from S/B to +1mPD [112000m3 of 186000m3]	10d	05-Dec-13 13	17-Dec-13 13	0%
RSC1078-1	Removal of stone platform [Approx 14,000 of 70,000m3]	14d	17-Dec-13 08	04-Jan-14 18	0%
RSC1072-5	Type A fill in reclamation from S/B to +1mPD [140000m3 of 186000m3]	10d	17-Dec-13 13	31-Dec-13 13	0%
RSC1072-6	Type A fill in reclamation from S/B to +1mPD [16800m3 of 186000m3]	10d	31-Dec-13 13	13-Jan-14 13	0%
RSC1078-2	Removal of stone platform [Approx 28,000 of 70,000m3]	14d	06-Jan-14 08	21-Jan-14 18	0%
RSC1076-1	Band drain installation (2,650 nos. of 10,658 nos)	15d	13-Jan-14 13	30-Jan-14 13	0%
RSC1072-7	Type A fill in reclamation from S/B to +1mPD [186000m3 of 186000m3]	8d	13-Jan-14 13	22-Jan-14 13	0%
RSC1079-1	Lay geotextile Type 1 up to +3.5mPD	15d	22-Jan-14 08	11-Feb-14 18	0%
RSC1078-3	Removal of stone platform [Approx 42,000 of 70,000m3]	14d	22-Jan-14 08	10-Feb-14 18	0%
RSC1077-1	Type B fill from +2.5 to formation [10,100 of 60621m3]	10d	22-Jan-14 13	06-Feb-14 13	0%
RSC1076-2	Band drain installation (5,300 nos. of 10,658 nos)	12d	30-Jan-14 13	17-Feb-14 13	0%
RSC1077-2	Type B fill from +2.5 to formation [20,200 of 60621m3]	10d	06-Feb-14 13	18-Feb-14 13	0%
RSC1078-4	Removal of stone platform [Approx 54,000 of 70,000m3]	14d	11-Feb-14 08	26-Feb-14 18	0%
RSC1080-1	Placing rock fill core upto +3.5mPD	15d	12-Feb-14 08	28-Feb-14 18	0%
RSC1079-2	Lay geotextile Type 1 up to +3.5mPD	15d	12-Feb-14 08	28-Feb-14 18	0%
RSC1076-3	Band drain installation (7,950 nos. of 10,658 nos)	12d	17-Feb-14 13	03-Mar-14 13	0%
RSC1077-3	Type B fill from +2.5 to formation [30,300 of 60621m3]	10d	18-Feb-14 13	01-Mar-14 13	0%
SHT Mined Tunnel Works at Scenic Hill, Ch 13+516 to 14+016 (500m)					
Mined Tunnel West Portal Works					
Site Formation					
Southeast Portion of Slope					
SHT9830	Soil Nailing F (Row E & F)(18 nos./4perday)	5d	13-Jun-13 08 A	10-Dec-13 18	90%
SHT9730	Soil Nailing D (Row TB, TC, TD) (26 nos./3perday)	9d	19-Jul-13 00 A	09-Nov-13 00 A	100%
SHT9820	Nail Head Installation and Shotcreting	3d	19-Aug-13 08 A	29-Nov-13 18	50%
SHT9840	Nail Head Installation and Shotcreting	3d	11-Nov-13 08 A	29-Nov-13 18	70%
SHT9841	Soil Nailing G (Row G & H)(26 nos./4perday)	14d	27-Nov-13 08	12-Dec-13 18	0%
SHT9842	Nail Head Installation and Shotcreting	10d	13-Dec-13 08	24-Dec-13 18	0%
SHT9822-3	Pull-out Test (TN5)	10d	13-Dec-13 08	24-Dec-13 18	0%
SHT9843	Hydroseeding	5d	27-Dec-13 08	03-Jan-14 18	0%
Northwest Portion of Slope					
SHT9712	Soil Nailing A (Row G & H) (18 nos./4perday)	5d	16-Nov-13 00 A	04-Dec-13 18	70%
SHT9709	Pull-out Test (TN5)	3d	05-Dec-13 08	07-Dec-13 18	0%
SHT9733	Nail Head Installation and Shotcreting	3d	09-Dec-13 08	11-Dec-13 18	0%
T001 (4-lane)					
SHT9738-1	Preparation work for Blasting Doors	12d	24-Dec-13 08	09-Jan-14 18	0%
SHT9738-2	Installation of Blasting Doors	12d	10-Jan-14 08	23-Jan-14 18	0%
T002 (3-lane)					
SHT9754-1	Preparation work for Blasting Doors	12d	10-Jan-14 08	23-Jan-14 18	0%
SHT9754-2	Installation of Blasting Doors	12d	24-Jan-14 08	10-Feb-14 18	0%
Mined Tunnel through Scenic Hill [480m Approx.]					
To Zhuhai-Macao [4-Lane] Carriageway - T001					
From West-end - 250m Approx.					
Drill & Break [1st 50m] (mix ground & shallow rock cover)					
SHT3010-1	SHT T001 [from West] - Exc.+Arch Ri+Pressure grout, 5 of 50m[soft & low rock cover] - [incl. Night work upto 23:00]	15d	16-Sep-13 00 A	05-Nov-13 00 A	100%
SHT9736-2	Installation of horizontal pipe pile and grouting (2nd batch)	12d	16-Sep-13 00 A	27-Nov-13 18	95%
SHT3010-2	SHT T001 [from West] - Exc.+Arch Ri+Pressure grout, 10 of 50m[soft & low rock cover] - [incl. Night work upto 23:00]	15d	06-Nov-13 00 A	05-Dec-13 18	90%
SHT3010-3	SHT T001 [from West] - Exc.+Arch Ri+Pressure grout, 15 of 50m[soft & low rock cover] - [incl. Night work upto 23:00]	15d	06-Dec-13 08	23-Dec-13 18	0%
SHT3010-4	SHT T001 [from West] - Exc.+Arch Ri+Pressure grout, 20 of 50m[soft & low rock cover] - [incl. Night work upto 23:00]	15d	24-Dec-13 08	13-Jan-14 18	0%
SHT3011-1	Installation of 2nd horizontal pipe pile and grouting 12m(L) [1st 25 nos]	15d	14-Jan-14 08	30-Jan-14 18	0%
SHT3011-2	Installation of 2nd horizontal pipe pile and grouting 12m(L) [2nd 25 nos]	15d	04-Feb-14 08	20-Feb-14 18	0%
SHT3010-5	SHT T001 [from West] - Exc.+Pressure grout, 30 of 50m[soft & low rock cover] - [incl. Night work upto 23:00]	15d	21-Feb-14 08	10-Mar-14 18	0%
To HKBCF [3-Lane] Carriageway - T002					
From West-end - 250m Approx.					
Drill & Break [1st 50m] (mix ground & shallow rock cover)					
SHT9736-3	Installation of horizontal pipe pile and grouting (1st batch) - [incl. Night work for pipe roofing p to 23:0(	14d	09-Sep-13 00 A	26-Sep-13 00 A	100%
SHT9736-4	Installation of horizontal pipe pile and grouting (2nd batch) - [incl. Night work for pipe roofing p to 23:0(	14d	19-Sep-13 08 A	04-Dec-13 18	60%
SHT6000-1	SHT T002 [from West] - Exc.+Arch Ri+Pressure grout, 5 of 50m[soft & low rock cover] - [incl. Night work upto 23:00]	15d	10-Oct-13 08 A	13-Nov-13 00 A	100%
SHT6000-2	SHT T002 [from West] - Exc.+Arch Ri+Pressure grout, 10 of 50m[soft & low rock cover] - [incl. Night work upto 23:00]	15d	14-Nov-13 00 A	05-Dec-13 18	0%
SHT6000-3	SHT T002 [from West] - Exc.+Arch Ri+Pressure grout, 15 of 50m[soft & low rock cover] - [incl. Night work upto 23:00]	15d	06-Dec-13 08	23-Dec-13 18	0%
SHT6010-1	Installation of 2nd horizontal pipe pile and grouting 12m(L) - [1st 20 nos]	12d	24-Dec-13 08	09-Jan-14 18	0%
SHT6010-2	Installation of 2nd horizontal pipe pile and grouting 12m(L) - [2nd 20 nos]	12d	10-Jan-14 08	23-Jan-14 18	0%
SHT6000-4	SHT T002 [from West] - Exc.+Arch Ri+Pressure grout, 20 of 50m[soft & low rock cover] - [incl. Night work upto 23:00]	15d	24-Jan-14 08	13-Feb-14 18	0%
SHT6000-5	SHT T002 [from West] - Exc.+Pressure grout, 30 of 50m[soft & low rock cover] - [incl. Night work upto 23:00]	15d	14-Feb-14 08	03-Mar-14 18	0%
CCT Works across Airport Road at Ch 14+016 to 14+222 (206m)					
CCT at At Planter Area, Ch 14+016 to Ch 14+056 [East Access Shaft]					
Civil & Structurals Works					
SHT1083-4	SHT C&CT @ planter - Pipe pile [273 dia. 6th 450 of 450 nos.] [incl. Night work for install H-pile up to 23:00]	14d	19-Aug-13 08 A	05-Oct-13 00 A	100%
SHT1084-2	SHT C&CT @ planter - Install King Post[273 dia. 56 of 56 nos.] [incl. Night work for install H-pile up to 23:00]	14d	10-Sep-13 00 A	26-Oct-13 00 A	100%
SHT1087-2	SHT C&CT @ planter - Grout Curtain - batch 2	15d	18-Sep-13 00 A	03-Oct-13 00 A	100%
SHT1087-3	SHT C&CT @ planter - Grout Curtain - batch 3	15d	03-Oct-13 00 A	11-Oct-13 00 A	100%
SHT1085	SHT C&CT @ planter - Installation of Pump wells, Observation Wells & Recharge Wells	15d	28-Oct-13 00 A	28-Nov-13 18	100%
SHT1088-1	SHT C&CT @ planter - Utilities Support Structure [Excavation, Cross Beam & Supporting Beam]	14d	26-Nov-13 08	11-Dec-13 18	0%
SHT1088-3	SHT C&CT @ planter - Utilities Support Structure [Main Support Beam and Top Hanger Beam]	14d	12-Dec-13 08	30-Dec-13 18	0%
SHT1086	SHT C&CT @ planter - Pumping Test	15d	31-Dec-13 08	17-Jan-14 18	0%
SHT1089-1	SHT C&CT @ planter - ELS [1st Layers] - Stage 1	13d	18-Jan-14 08	05-Feb-14 18	0%
SHT1089-2	SHT C&CT @ planter - ELS [1st Layers] - Stage 2	13d	06-Feb-14 08	20-Feb-14 18	0%
SHT1089-3	SHT C&CT @ planter - ELS [2nd Layers] - Stage 1	13d	21-Feb-14 08	07-Mar-14 18	0%
Mined Tunnel Underneath AEL Ch 14+128 to Ch 14+175					
Civil & Structurals Works					
SHT MT - ELS for AEL West Shaft					



Works Programme

Works Programme

Works Programme

Milestone

Milestone

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/CKK

Date	Revision	Che...	Approved
28-Nov-13		HKC	SYT

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

FILE: 3M19 (Rev.00)

Sheet 2 of 3

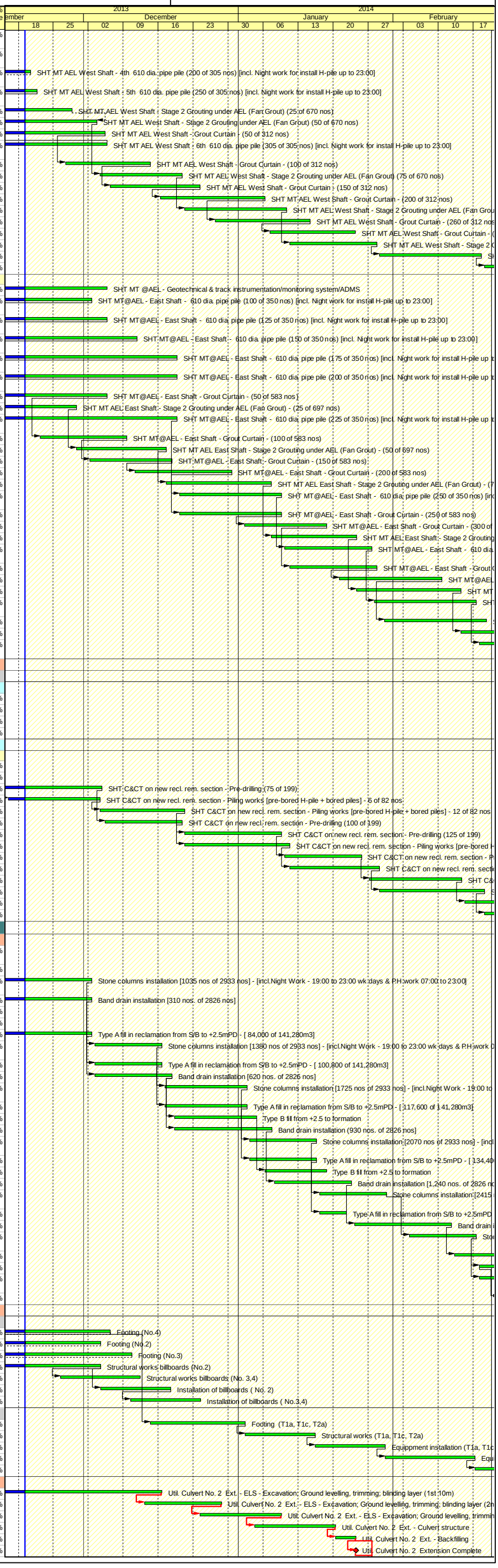
3-Months Rolling Programme (ER Part 5 & SCC 27(9))

(December 2013 to February 2014)

Layout ZMB - Layout 2 (3M Rolling Prog)(3M19)

TASK filters: 3M19, HZMB No Level Effort.

Activity ID	Activity Name	Dur. (days)	Start	Finish	Activity % Complete
SHT1822-2	SHT MT AEL West Shaft - 2nd 610 dia. pipe pile (100 of 305 nos) [incl. Night work for install H-pile up to 23:00]	15d	02-Aug-13 08 A	19-Oct-13 00 A	100%
SHT1822-3	SHT MT AEL West Shaft - 3rd 610 dia. pipe pile (150 of 305 nos) [incl. Night work for install H-pile up to 23:00]	15d	28-Aug-13 00 A	14-Nov-13 00 A	100%
SHT1822-4	SHT MT AEL West Shaft - 4th 610 dia. pipe pile (200 of 305 nos) [incl. Night work for install H-pile up to 23:00]	15d	21-Sep-13 00 A	20-Nov-13 13	90%
SHT1822-5	SHT MT AEL West Shaft - 5th 610 dia. pipe pile (250 of 305 nos) [incl. Night work for install H-pile up to 23:00]	15d	18-Oct-13 00 A	21-Nov-13 18	80%
SHT1835-1	SHT MT AEL West Shaft - Stage 2 Grouting under AEL (Fan Grout) (25 of 670 nos)	15d	21-Oct-13 00 A	28-Nov-13 18	40%
SHT1835-2	SHT MT AEL West Shaft - Stage 2 Grouting under AEL (Fan Grout) (50 of 670 nos)	15d	28-Oct-13 00 A	03-Dec-13 18	16%
SHT1834-1	SHT MT AEL West Shaft - Grout Curtain - (50 of 312 nos)	15d	12-Nov-13 00 A	05-Dec-13 10	22.4%
SHT1822-6	SHT MT AEL West Shaft - 6th 610 dia. pipe pile (305 of 305 nos) [incl. Night work for install H-pile up to 23:00]	15d	13-Nov-13 00 A	05-Dec-13 18	17.5%
SHT1834-2	SHT MT AEL West Shaft - Grout Curtain - (100 of 312 nos)	15d	27-Nov-13 10	14-Dec-13 10	0%
SHT1835-3	SHT MT AEL West Shaft - Stage 2 Grouting under AEL (Fan Grout) (75 of 670 nos)	15d	04-Dec-13 08	20-Dec-13 18	0%
SHT1834-3	SHT MT AEL West Shaft - Grout Curtain - (150 of 312 nos)	15d	06-Dec-13 10	24-Dec-13 10	0%
SHT1834-4	SHT MT AEL West Shaft - Grout Curtain - (200 of 312 nos)	15d	16-Dec-13 10	06-Jan-14 10	0%
SHT1835-4	SHT MT AEL West Shaft - Stage 2 Grouting under AEL (Fan Grout) (100 of 670 nos)	15d	21-Dec-13 08	10-Jan-14 18	0%
SHT1834-5	SHT MT AEL West Shaft - Grout Curtain - (260 of 312 nos)	15d	27-Dec-13 10	15-Jan-14 10	0%
SHT1834-6	SHT MT AEL West Shaft - Grout Curtain - (312 of 312 nos)	15d	07-Jan-14 10	24-Jan-14 10	0%
SHT1835-5	SHT MT AEL West Shaft - Stage 2 Grouting under AEL (Fan Grout) (125 of 670 nos)	15d	11-Jan-14 08	28-Jan-14 18	0%
SHT1835-6	SHT MT AEL West Shaft - Stage 2 Grouting under AEL (Fan Grout) (150 of 670 nos)	15d	29-Jan-14 08	18-Feb-14 18	0%
SHT1835-7	SHT MT AEL West Shaft - Stage 2 Grouting under AEL (Fan Grout) (175 of 670 nos)	15d	19-Feb-14 08	07-Mar-14 18	0%
SHT MT - ELS for AEL East Shaft					
SHT1862	SHT MT @AEL - Geotechnical & track instrumentation/monitoring system/ADMS	21d	23-Jan-13 08 A	05-Dec-13 18	99%
SHT1903-1	SHT MT@AEL - East Shaft - 610 dia. pipe pile (100 of 350 nos) [incl. Night work for install H-pile up to 23:00]	15d	09-Aug-13 08 A	02-Dec-13 18	81%
SHT1903-2	SHT MT@AEL - East Shaft - 610 dia. pipe pile (125 of 350 nos) [incl. Night work for install H-pile up to 23:00]	15d	02-Sep-13 00 A	05-Dec-13 18	53.8%
SHT1903-3	SHT MT@AEL - East Shaft - 610 dia. pipe pile (150 of 350 nos) [incl. Night work for install H-pile up to 23:00]	15d	14-Sep-13 00 A	11-Dec-13 18	40%
SHT1903-4	SHT MT@AEL - East Shaft - 610 dia. pipe pile (175 of 350 nos) [incl. Night work for install H-pile up to 23:00]	15d	30-Sep-13 00 A	19-Dec-13 18	40%
SHT1903-5	SHT MT@AEL - East Shaft - 610 dia. pipe pile (200 of 350 nos) [incl. Night work for install H-pile up to 23:00]	15d	19-Oct-13 00 A	19-Dec-13 18	40%
SHT1908-1	SHT MT@AEL - East Shaft - Grout Curtain - (50 of 583 nos)	15d	22-Oct-13 00 A	05-Dec-13 18	78.4%
SHT1845-1	SHT MT AEL East Shaft - Stage 2 Grouting under AEL (Fan Grout) - (25 of 697 nos)	15d	22-Oct-13 08 A	29-Nov-13 16	34.4%
SHT1903-6	SHT MT@AEL - East Shaft - 610 dia. pipe pile (225 of 350 nos) [incl. Night work for install H-pile up to 23:00]	15d	02-Nov-13 08 A	19-Dec-13 18	40%
SHT1908-2	SHT MT@AEL - East Shaft - Grout Curtain - (100 of 583 nos)	15d	22-Nov-13 08	09-Dec-13 18	0%
SHT1845-2	SHT MT AEL East Shaft - Stage 2 Grouting under AEL (Fan Grout) - (50 of 697 nos)	15d	29-Nov-13 16	17-Dec-13 16	0%
SHT1908-3	SHT MT@AEL - East Shaft - Grout Curtain - (150 of 583 nos)	15d	02-Dec-13 08	18-Dec-13 18	0%
SHT1908-4	SHT MT@AEL - East Shaft - Grout Curtain - (200 of 583 nos)	15d	11-Dec-13 08	30-Dec-13 18	0%
SHT1845-3	SHT MT AEL East Shaft - Stage 2 Grouting under AEL (Fan Grout) - (75 of 697 nos)	15d	17-Dec-13 16	07-Jan-14 16	0%
SHT1903-7	SHT MT@AEL - East Shaft - 610 dia. pipe pile (250 of 350 nos) [incl. Night work for install H-pile up to 23:00]	15d	20-Dec-13 08	09-Jan-14 18	0%
SHT1908-5	SHT MT@AEL - East Shaft - Grout Curtain - (250 of 583 nos)	15d	20-Dec-13 08	09-Jan-14 18	0%
SHT1908-6	SHT MT@AEL - East Shaft - Grout Curtain - (300 of 583 nos)	15d	02-Jan-14 08	18-Jan-14 18	0%
SHT1845-4	SHT MT AEL East Shaft - Stage 2 Grouting under AEL (Fan Grout) - (100 of 697 nos)	15d	07-Jan-14 16	24-Jan-14 16	0%
SHT1903-8	SHT MT@AEL - East Shaft - 610 dia. pipe pile (275 of 350 nos) [incl. Night work for install H-pile up to 23:00]	15d	10-Jan-14 08	27-Jan-14 18	0%
SHT1908-7	SHT MT@AEL - East Shaft - Grout Curtain - (350 of 583 nos)	15d	11-Jan-14 08	28-Jan-14 18	0%
SHT1908-8	SHT MT@AEL - East Shaft - Grout Curtain - (400 of 583 nos)	15d	21-Jan-14 08	10-Feb-14 18	0%
SHT1845-5	SHT MT AEL East Shaft - Stage 2 Grouting under AEL (Fan Grout) - (125 of 697 nos)	15d	24-Jan-14 16	14-Feb-14 16	0%
SHT1903-9	SHT MT@AEL - East Shaft - 610 dia. pipe pile (300 of 350 nos) [incl. Night work for install H-pile up to 23:00]	15d	28-Jan-14 08	17-Feb-14 18	0%
SHT1908-9	SHT MT@AEL - East Shaft - Grout Curtain - (450 of 583 nos)	15d	30-Jan-14 08	19-Feb-14 18	0%
SHT1845-6	SHT MT AEL East Shaft - Stage 2 Grouting under AEL (Fan Grout) - (150 of 697 nos)	15d	14-Feb-14 16	04-Mar-14 16	0%
SHT1903-10	SHT MT@AEL - East Shaft - 610 dia. pipe pile (325 of 350 nos) [incl. Night work for install H-pile up to 23:00]	15d	18-Feb-14 08	06-Mar-14 18	0%
CCT Works over Reclaimed Area at Ch 14+222 to Ch 15+050 (828m)					
CCT Works - on New Reclamation [490m Approx.]					
Box Culvert Outfall PR10 Temporary Diversion					
BC1024	Sheet pile works & excavation (ELS)	12d	16-Aug-13 08 A	04-Oct-13 00 A	100%
BC1026	Demolish existing seawall & Diversion of PR10	14d	17-Aug-13 08 A	07-Nov-13 00 A	100%
BC1240	Excavation for Diversion	12d	02-Oct-13 00 A	09-Nov-13 00 A	100%
BC1030	Drainage diversion	14d	03-Oct-13 00 A	15-Nov-13 00 A	100%
CCT Works in Remaining Section [325m Approx.]					
Civil & Structurals Works					
SHT1900-1	SHT C&CT on new recl. rem. section - Pre-drilling (25 of 199)	14d	01-Aug-13 00 A	09-Oct-13 00 A	100%
SHT1900-2	SHT C&CT on new recl. rem. section - Pre-drilling (50 of 199)	14d	10-Oct-13 00 A	05-Nov-13 00 A	100%
SHT1900-3	SHT C&CT on new recl. rem. section - Pre-drilling (75 of 199)	14d	07-Nov-13 00 A	04-Dec-13 18	40%
SHT1910-1	SHT C&CT on new recl. rem. section - Piling works [pre-bored H-pile + bored piles] - 6 of 82 nos	15d	16-Nov-13 00 A	04-Dec-13 08	13%
SHT1910-2	SHT C&CT on new recl. rem. section - Piling works [pre-bored H-pile + bored piles] - 12 of 82 nos	15d	04-Dec-13 08	21-Dec-13 08	0%
SHT1900-4	SHT C&CT on new recl. rem. section - Pre-drilling (100 of 199)	14d	05-Dec-13 08	20-Dec-13 18	0%
SHT1900-5	SHT C&CT on new recl. rem. section - Pre-drilling (125 of 199)	14d	21-Dec-13 08	09-Jan-14 18	0%
SHT1910-3	SHT C&CT on new recl. rem. section - Piling works [pre-bored H-pile + bored piles] - 18 of 82 nos	15d	21-Dec-13 08	11-Jan-14 08	0%
SHT1900-6	SHT C&CT on new recl. rem. section - Pre-drilling (150 of 199)	14d	10-Jan-14 08	25-Jan-14 18	0%
SHT1910-4	SHT C&CT on new recl. rem. section - Piling works [pre-bored H-pile + bored piles] - 24 of 82 nos	15d	11-Jan-14 08	29-Jan-14 08	0%
SHT1900-7	SHT C&CT on new recl. rem. section - Pre-drilling (175 of 199)	14d	27-Jan-14 08	14-Feb-14 18	0%
SHT1910-5	SHT C&CT on new recl. rem. section - Piling works [pre-bored H-pile + bored piles] - 30 of 82 nos	15d	29-Jan-14 08	19-Feb-14 08	0%
SHT1900-8	SHT C&CT on new recl. rem. section - Pre-drilling (199 of 199)	14d	15-Feb-14 08	03-Mar-14 18	0%
SHT1910-6	SHT C&CT on new recl. rem. section - Piling works [pre-bored H-pile + bored piles] - 38 of 82 nos	15d	19-Feb-14 08	08-Mar-14 08	0%
WORKS IN MIDDLE AREA CH15+050 to 15+500 (HKLR AT GRADE, HAT MT, BRIDGE A1 & A2)					
Reclamation Works - SWCH1000 to 1400 (AHR 20mPD) & (12.5mPD)					
RSC1040-9	Construction stone platform - SWCH 1+000 to SWCH 1+400 (Approx. 112500m3 of 112500m3)[incl.Night Work - 19:00 to 07:00]	9d	05-Aug-13 00 A	13-Nov-13 00 A	100%
RSC1041-3	Type A fill in reclamation from S/B to +2.5mPD - [50,400 of 141,280m3]	12d	13-Sep-13 00 A	28-Sep-13 00 A	100%
RSC1044-3	Stone columns installation [1035 nos of 2933 nos] - [incl.Night Work - 19:00 to 23:00 wk days & P.H.work 07:00 to 23:00]	12d	14-Sep-13 00 A	02-Dec-13 18	90%
RSC1045-1	Band drain installation [310 nos. of 2826 nos]	14d	19-Sep-13 08 A	02-Dec-13 18	22.5%
RSC1041-4	Type A fill in reclamation from S/B to +2.5mPD - [67,200 of 141,280m3]	12d	30-Sep-13 00 A	12-Oct-13 00 A	100%
RSC1042-4	Construction stone platform behind - SWCH 1+300 to SWCH1+1400	13d	05-Oct-13 00 A	13-Nov-13 00 A	100%
RSC1041-5	Type A fill in reclamation from S/B to +2.5mPD - [84,000 of 141,280m3]	12d	12-Oct-13 00 A	02-Dec-13 18	30%
RSC1044-4	Stone columns installation [1380 nos of 2933 nos] - [incl.Night Work - 19:00 to 23:00 wk days & P.H.work 07:00 to 23:00]	12d	03-Dec-13 08	16-Dec-13 18	0%
RSC1041-6	Type A fill in reclamation from S/B to +2.5mPD - [100,800 of 141,280m3]	12d	03-Dec-13 08	16-Dec-13 18	0%
RSC1045-2	Band drain installation [620 nos. of 2826 nos]	14d	03-Dec-13 08	18-Dec-13 18	0%
RSC1044-5	Stone columns installation [1725 nos of 2933 nos] - [incl.Night Work - 19:00 to 23:00 wk days & P.H.work 07:00 to 23:00]	12d	17-Dec-13 08	02-Jan-14 18	0%
RSC1041-7	Type A fill in reclamation from S/B to +2.5mPD - [117,600 of 141,280m3]	12d	17-Dec-13 08	02-Jan-14 18	0%
RSC1046-1	Type B fill from +2.5 to formation	12d	19-Dec-13 08	04-Jan-14 18	0%
RSC1045-3	Band drain installation (930 nos. of 2826 nos]	14d	19-Dec-13 08	07-Jan-14 18	0%
RSC1044-6	Stone columns installation [2070 nos of 2933 nos] - [incl.Night Work - 19:00 to 23:00 wk days & P.H.work 07:00 to 23:00]	12d	03-Jan-14 08	16-Jan-14 18	0%
RSC1041-8	Type A fill in reclamation from S/B to +2.5mPD - [134,400 of 141,280m3]	12d	03-Jan-14 08	16-Jan-14 18	0%
RSC1046-2	Type B fill from +2.5 to formation	12d	06-Jan-14 08	18-Jan-14 18	0%
RSC1045-4	Band drain installation [1,240 nos. of 2826 nos]	14d	08-Jan-14 08	23-Jan-14 18	0%
RSC1044-7	Stone columns installation [2415 nos of 2933 nos] - [incl.Night Work - 19:00 to 23:00 wk days & P.H.work 07:00 to 23:00]	12d	17-Jan-14 08	30-Jan-14 18	0%
RSC1041-9	Type A fill in reclamation from S/B to +2.5mPD - [141,280 of 141,280m3]	5d	17-Jan-14 08	22-Jan-14 18	0%
RSC1045-5	Band drain installation [1,550 nos. of 2826 nos]	14d	24-Jan-14 08	12-Feb-14 18	0%
RSC1044-8	Stone columns installation [2760 nos of 2933 nos] - [incl.Night Work - 19:00 to 23:00 wk days & P.H.work 07:00 to 23:00]	12d	04-Feb-14 08	17-Feb-14 18	0%
RSC1045-6	Band drain installation [1,860 nos. of 2826 nos]	14d	13-Feb-14 08	28-Feb-14 18	0%
RSC1048-1	Lay geotextile Type 1 up to +3.5mPD	14d	18-Feb-14 08	05-Mar-14 18	0%
RSC1044-9	Stone columns installation [2933 nos of 2933 nos] - [incl.Night Work - 19:00 to 23:00 wk days & P.H.work 07:00 to 23:00]	4d	18-Feb-14 08	21-Feb-14 18	0%
RSC1049-1	Placing rock fill core upto +3.5mPD	11d	22-Feb-14 08	06-Mar-14 18	0%
Flight Information Signs (PARDS) & Billboards- Reprovisioning Works					
Relocation of Billboards					
PARDS200	Footing (No.4)	16d	19-Apr-13 08 A	06-Dec-13 10	85%
PARDS202	Footing (No.2)	14d	06-May-13 00 A	04-Dec-13 13	90%
PARDS201	Footing (No.3)	10d	03-Jun-13 00 A	10-Dec-13 18	85%
PARDS210	Structural works billboards (No.2)	14d	18-Jun-13 00 A	04-Dec-13 11	80%
PARDS211	Structural works billboards (No. 3,4)	14d	26-Nov-13 11	12-Dec-13 11	0%
PARDS220	Installation of billboards (No. 2)	12d	04-Dec-13 11	18-Dec-13 11	0%
PARDS230	Installation of billboards (No.3,4)	12d	10-Dec-13 11	24-Dec-13 11	0%
PARDS - Construction T1a, T1c, T2a					
PARDS100	Footing (T1a, T1c, T2a)	13d	14-Dec-13 10	02-Jan-14 10	0%
PARDS101	Structural works (T1a, T1c, T2a)	12d	02-Jan-14 10	16-Jan-14 10	0%
PARDS110	Equippment installation (T1a, T1c, T2a)	12d	16-Jan-14 10	30-Jan-14 10	0%
PARDS111	Equippment installation (T1a, T1c, T2a)	12d	30-Jan-14 10	17-Feb-14 10	0%
PARDS120	Testing and Commissioning	12d	17-Feb-14 10	03-Mar-14 10	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)	12d	17-Sep-13 00 A	16-Dec-13 18	5%
UC2.1021	Util. Culvert No. 2 Ext. - ELS - Excavation; Ground levelling, trimming; blinding layer (2nd 10m)	12d	13-Dec-13 08	28-Dec-13 18	0%
UC2.1022	Util. Culvert No. 2 Ext. - ELS - Excavation; Ground levelling, trimming; blinding layer (3rd 10m)	12d	24-Dec-13 08	09-Jan-14 18	0%
UC2.1030	Util. Culvert No. 2 Ext. - Culvert structure	13d 6h	04-Jan-14 08	20-Jan-14 14	0%
UC2.1040	Util. Culvert No. 2 Ext. - Backfilling	4d	20-Jan-14 14	24-Jan-14 14	0%
UC2.1050	Util. Culvert No. 2 Extension Complete	0d		24-Jan-14 14	0%



FILE: 3M19 (Rev.00)

Sheet 3 of 3

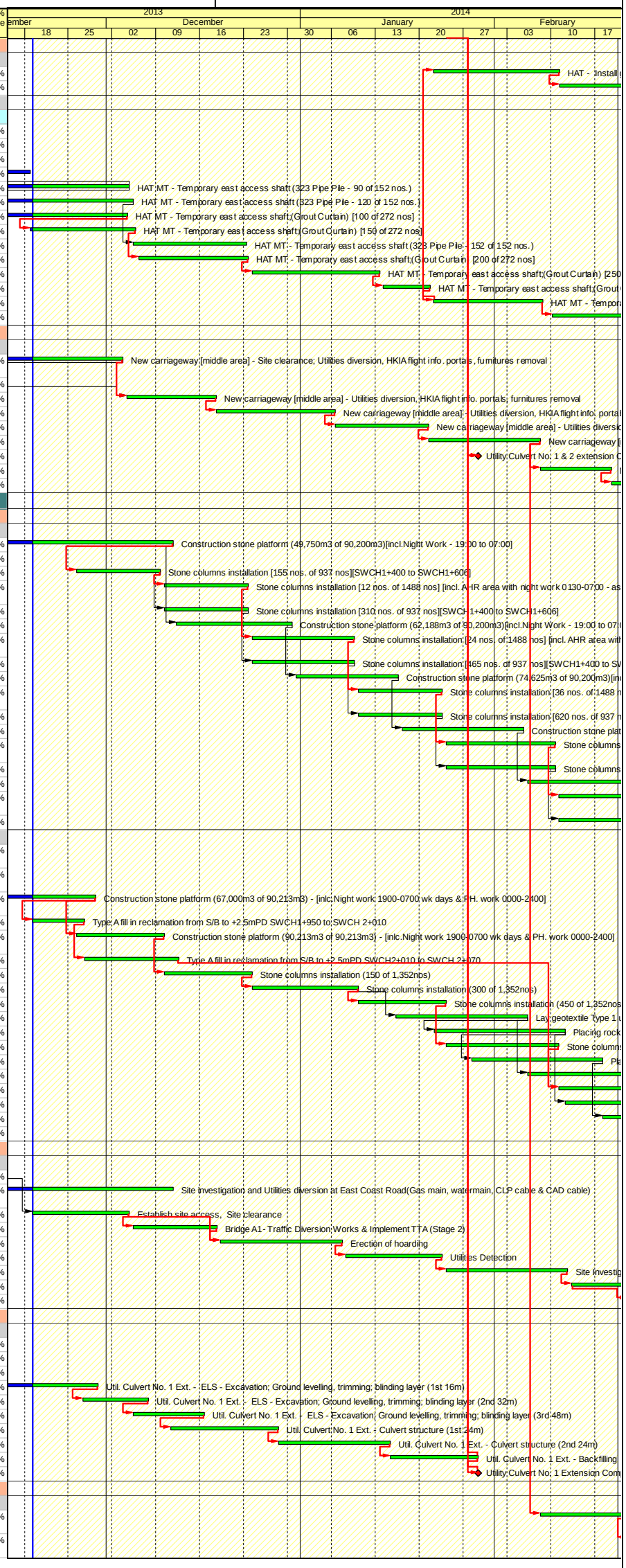
3-Months Rolling Programme (ER Part 5 & SCC 27(9))

(December 2013 to February 2014)

Layout ZMB - Layout 2 (3M Rolling Prog)(3M19)

TASK filters: 3M19, HZMB No Level Effort.

Activity ID	Activity Name	Dur. (days)	Start	Finish	Activity % Complete
Works in HAT Tunnel (Mined Tunnel and West CCT w/ Emergency Pedestrian Passage					
Initial Works					
HAT1590	HAT - Install geotechnical & track instrumentation/monitoring system	14d 4h	22-Jan-14 08	11-Feb-14 12	0%
HAT1591	HAT - Install geotechnical & track instrumentation/monitoring system	14d 4h	11-Feb-14 12	27-Feb-14 16	0%
Mined Tunnel for HAT underneath AEL & at East Coast Road [97m Approx.]					
Utilities Diversion, SI Works and Temp. Access Shaft					
HAT1550	HAT MT - Utilities diversion (e.g. CLP cable, street light cable & Irrigation pipe)	15d	05-Sep-13 08 A	05-Oct-13 00 A	100%
HAT1570	HAT MT - Temporary east access shaft (323 Pipe Pile - 30 of 152 nos.)	15d	09-Sep-13 00 A	08-Oct-13 00 A	100%
HAT1571	HAT MT - Temporary east access shaft (323 Pipe Pile - 60 of 152 nos.)	15d	21-Sep-13 00 A	23-Oct-13 00 A	100%
HAT1575-1	HAT MT - Temporary east access shaft;(Grout Curtain) [50 of 272 nos]	15d	04-Oct-13 00 A	19-Nov-13 00 A	100%
HAT1572	HAT MT - Temporary east access shaft (323 Pipe Pile - 90 of 152 nos.)	15d	05-Oct-13 00 A	04-Dec-13 18	64%
HAT1573	HAT MT - Temporary east access shaft (323 Pipe Pile - 120 of 152 nos.)	15d	24-Oct-13 00 A	05-Dec-13 10	34.6%
HAT1575-2	HAT MT - Temporary east access shaft;(Grout Curtain) [100 of 272 nos]	15d	09-Nov-13 00 A	04-Dec-13 13	44%
HAT1575-3	HAT MT - Temporary east access shaft;(Grout Curtain) [150 of 272 nos]	15d	19-Nov-13 00 A	05-Dec-13 18	3%
HAT1574	HAT MT - Temporary east access shaft (323 Pipe Pile - 152 of 152 nos.)	15d	05-Dec-13 10	23-Dec-13 10	0%
HAT1575-4	HAT MT - Temporary east access shaft;(Grout Curtain) [200 of 272 nos]	15d	06-Dec-13 08	23-Dec-13 18	0%
HAT1575-5	HAT MT - Temporary east access shaft;(Grout Curtain) [250 of 272 nos]	15d	24-Dec-13 08	13-Jan-14 18	0%
HAT1575-6	HAT MT - Temporary east access shaft;(Grout Curtain) [272 of 272 nos]	7d	14-Jan-14 08	21-Jan-14 18	0%
HAT1578-1	HAT MT - Temporary east access shaft; Soft Excavation (1,800m3 of 5,400 m3) & 1st layer struts	13d	22-Jan-14 08	08-Feb-14 18	0%
HAT1578-2	HAT MT - Temporary east access shaft; Soft Excavation (3,600m3 of 5,400 m3) & 2nd layer struts	13d	10-Feb-14 08	24-Feb-14 18	0%
New Carriageway & Modification of Existing Roads					
New Carriageway adjacent to HKIA [615m Approx.]					
NCW1040	New carriageway [middle area] - Site clearance; Utilities diversion, HKIA flight info. portals, furnitures removal	12d 8h	20-Dec-12 08 A	03-Dec-13 18	20%
NCW1039	New carriageway [middle area] - Hoarding work at N18	10d	08-May-13 08 A	28-Sep-13 00 A	100%
NCW1041	New carriageway [middle area] - Utilities diversion, HKIA flight info. portals, furnitures removal	12d 8h	04-Dec-13 08	18-Dec-13 16	0%
NCW1042	New carriageway [middle area] - Utilities diversion, HKIA flight info. portals, furnitures removal	12d 8h	18-Dec-13 16	06-Jan-14 14	0%
NCW1043	New carriageway [middle area] - Utilities diversion, HKIA flight info. portals, furnitures removal	12d 8h	06-Jan-14 14	21-Jan-14 12	0%
NCW1044	New carriageway [middle area] - Utilities diversion, HKIA flight info. portals, furnitures removal	12d 8h	21-Jan-14 12	08-Feb-14 10	0%
NCW1050	Utility Culvert No. 1 & 2 extension Complete	0d		29-Jan-14 10	0%
NCW1045	New carriageway [middle area] - Utilities diversion, HKIA flight info. portals, furnitures removal	9d 6h	08-Feb-14 10	19-Feb-14 16	0%
NCW1046	New carriageway [middle area] - Utilities diversion, HKIA flight info. portals, furnitures removal	13d	19-Feb-14 16	06-Mar-14 16	0%
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)					
RSC1106-2	Construction stone platform (49,750m3 of 90,200m3)[incl.Night Work - 19:00 to 07:00]	12d	21-Jun-13 00 A	11-Dec-13 18	65%
RSC1103-1	Lay geotextile Type II (SWCH1625 to SWCH 1740)	13d	10-Aug-13 00 A	05-Oct-13 00 A	100%
RSC1109-1	Stone columns installation [155 nos. of 937 nos][SWCH1+400 to SWCH1+606]	12d	26-Nov-13 08	09-Dec-13 18	0%
RSC1110-1	Stone columns installation [12 nos. of 1488 nos] [incl. AHR area with night work 0130-0700 - assumed 3rig@3nights/wk]	12d	10-Dec-13 08	23-Dec-13 18	0%
RSC1109-2	Stone columns installation [310 nos. of 937 nos][SWCH1+400 to SWCH1+606]	12d	10-Dec-13 08	23-Dec-13 18	0%
RSC1106-4	Construction stone platform (62,188m3 of 90,200m3)[incl.Night Work - 19:00 to 07:00]	14d	12-Dec-13 08	30-Dec-13 18	0%
RSC1110-2	Stone columns installation [24 nos. of 1488 nos] [incl. AHR area with night work 0130-0700 - assumed 3rig@3nights/wk]	12d	24-Dec-13 08	09-Jan-14 18	0%
RSC1109-3	Stone columns installation [465 nos. of 937 nos][SWCH1+400 to SWCH1+606]	12d	24-Dec-13 08	09-Jan-14 18	0%
RSC1106-5	Construction stone platform (74,625m3 of 90,200m3)[incl.Night Work - 19:00 to 07:00]	14d	31-Dec-13 08	16-Jan-14 18	0%
RSC1110-3	Stone columns installation [36 nos. of 1488 nos] [incl. AHR area with night work 0130-0700 - assumed 3rig@3nights/wk]	12d	10-Jan-14 08	23-Jan-14 18	0%
RSC1109-4	Stone columns installation [620 nos. of 937 nos][SWCH1+400 to SWCH1+606]	12d	10-Jan-14 08	23-Jan-14 18	0%
RSC1106-6	Construction stone platform (87,063m3 of 90,200m3)[incl.Night Work - 19:00 to 07:00]	14d	17-Jan-14 08	05-Feb-14 18	0%
RSC1110-4	Stone columns installation [48 nos. of 1488 nos] [incl. AHR area with night work 0130-0700 - assumed 3rig@3nights/wk]	12d	24-Jan-14 08	10-Feb-14 18	0%
RSC1109-5	Stone columns installation [775 nos. of 937 nos][SWCH1+400 to SWCH1+606]	12d	24-Jan-14 08	10-Feb-14 18	0%
RSC1106-7	Construction stone platform (90,200m3 of 90,200m3)[incl.Night Work - 19:00 to 07:00]	14d	06-Feb-14 08	21-Feb-14 18	0%
RSC1110-5	Stone columns installation [60 nos. of 1488 nos] [incl. AHR area with night work 0130-0700 - assumed 3rig@3nights/wk]	12d	11-Feb-14 08	24-Feb-14 18	0%
RSC1109-6	Stone columns installation [937 nos. of 937 nos][SWCH1+400 to SWCH1+606]	10d	11-Feb-14 08	21-Feb-14 18	0%
Portion C & D1 From SWCH1850 to 2070 (AHR 17.5 to 20mPD)					
RSC1133-1	Construction stone platform (23,750m3 of 90,213m3) - [inlc.Night work 1900-0700 wk days & PH. work 0000-2400]	13d	02-Aug-13 00 A	05-Oct-13 00 A	100%
RSC1133-2	Construction stone platform (45,100m3 of 90,213m3) - [inlc.Night work 1900-0700 wk days & PH. work 0000-2400]	13d	07-Oct-13 00 A	24-Oct-13 00 A	100%
RSC1133-3	Construction stone platform (67,000m3 of 90,213m3) - [inlc.Night work 1900-0700 wk days & PH. work 0000-2400]	13d	25-Oct-13 00 A	29-Nov-13 09	92%
RSC1134-3	Type A fill in reclamation from S/B to +2.5mPD SWCH1+950 to SWCH 2+010	12d	19-Nov-13 08 A	27-Nov-13 16	35%
RSC1133-4	Construction stone platform (90,213m3 of 90,213m3) - [inlc.Night work 1900-0700 wk days & PH. work 0000-2400]	12d	26-Nov-13 09	10-Dec-13 09	0%
RSC1134-4	Type A fill in reclamation from S/B to +2.5mPD SWCH2+010 to SWCH 2+070	13d	27-Nov-13 16	12-Dec-13 16	0%
RSC1136-1	Stone columns installation (150 of 1,352nos)	12d	10-Dec-13 09	24-Dec-13 09	0%
RSC1136-2	Stone columns installation (300 of 1,352nos)	12d	24-Dec-13 09	10-Jan-14 09	0%
RSC1136-3	Stone columns installation (450 of 1,352nos)	12d	10-Jan-14 09	24-Jan-14 09	0%
RSC1140-1	Lay geotextile Type 1 up to +3.5mPD	15d	16-Jan-14 09	06-Feb-14 09	0%
RSC1141-1	Placing rock fill core upto +3.5mPD	15d	22-Jan-14 09	12-Feb-14 09	0%
RSC1136-4	Stone columns installation (600 of 1,352nos)	12d	24-Jan-14 09	11-Feb-14 09	0%
RSC1142-1	Placing underlayer rock upto +3.5mPD	15d	28-Jan-14 09	18-Feb-14 09	0%
RSC1140-2	Lay geotextile Type 1 up to +3.5mPD	15d	06-Feb-14 09	24-Feb-14 09	0%
RSC1136-5	Stone columns installation (750 of 1,352nos)	12d	11-Feb-14 09	25-Feb-14 09	0%
RSC1141-2	Placing rock fill core upto +3.5mPD	15d	12-Feb-14 09	01-Mar-14 09	0%
RSC1142-2	Placing underlayer rock upto +3.5mPD	15d	18-Feb-14 09	07-Mar-14 09	0%
RSC1140-3	Lay geotextile Type 1 up to +3.5mPD	15d	24-Feb-14 09	13-Mar-14 09	0%
Works in Bridge A1 & Depressed Road					
Bridge A1 - Initial Works and SI Works					
BA1.1350	Bridge A1- Traffic Diversion Works & Implement TTA (Stage 1)	12d	18-Jan-13 00 A	24-Oct-13 00 A	100%
BA1.1360	Site investigation and Utilities diversion at East Coast Road(Gas main, watermain, CLP cable & CAD cable)	14d	04-Jun-13 00 A	11-Dec-13 18	55%
BA1.1412	Establish site access, Site clearance	14d	19-Nov-13 08	04-Dec-13 18	0%
BA1.1351	Bridge A1- Traffic Diversion Works & Implement TTA (Stage 2)	12d	05-Dec-13 08	18-Dec-13 18	0%
BA1.1414	Erection of hoarding	14d	19-Dec-13 08	07-Jan-14 18	0%
BA1.1416	Utilities Detection	14d	08-Jan-14 08	23-Jan-14 18	0%
BA1.1418	Site Investigation	14d	24-Jan-14 08	12-Feb-14 18	0%
BA1.1000	Bridge A1 South Abut. & Ramp - Pre-drilling works	13d 6h	13-Feb-14 08	28-Feb-14 14	0%
BA1.1110	Bridge A1 North Abut. & Ramp - Pre-drilling works	13d 6h	22-Feb-14 08	10-Mar-14 14	0%
Utility Culvert No.1					
Utility Culvert No. 1 Ext. across the road leading to Cheong Hong Road [48m Approx.]					
UC1.1070-1	Util. Culvert No. 1 Ext. - ELS works - 273mm dia. Pipe Pile (55 of 166 nos)	10d	17-Sep-13 08 A	04-Oct-13 00 A	100%
UC1.1070-2	Util. Culvert No. 1 Ext. - ELS works - 273mm dia. Pipe Pile (110 of 166 nos)	10d	04-Oct-13 00 A	15-Oct-13 00 A	100%
UC1.1070-3	Util. Culvert No. 1 Ext. - ELS works - 273mm dia. Pipe Pile (166 of 166 nos)	10d	15-Oct-13 00 A	24-Oct-13 00 A	100%
UC1.1080-1	Util. Culvert No. 1 Ext. - ELS - Excavation; Ground levelling, trimming; blinding layer (1st 16m)	10d	25-Oct-13 08 A	29-Nov-13 18	0%
UC1.1080-2	Util. Culvert No. 1 Ext. - ELS - Excavation; Ground levelling, trimming; blinding layer (2nd 32m)	10d	27-Nov-13 08	07-Dec-13 18	0%
UC1.1080-3	Util. Culvert No. 1 Ext. - ELS - Excavation; Ground levelling, trimming; blinding layer (3rd 48m)	10d	05-Dec-13 08	16-Dec-13 18	0%
UC1.1090	Util. Culvert No. 1 Ext. - Culvert structure (1st 24m)	13d 6h	11-Dec-13 08	28-Dec-13 14	0%
UC1.1091	Util. Culvert No. 1 Ext. - Culvert structure (2nd 24m)	13d 6h	28-Dec-13 14	15-Jan-14 10	0%
UC1.1100	Util. Culvert No. 1 Ext. - Backfilling	12d	15-Jan-14 10	29-Jan-14 10	0%
UC1.1110	Utility Culvert No. 1 Extension Complete	0d		29-Jan-14 10	0%
New Carriageway & Modification of Existing Roads					
New Carriageway adjacent to HKIA [407.5m Approx.]					
NCW1140	New carriageway [north area] - Site clearance; HKIA flight info. portals, service utilities, furnitures removal	12d	08-Feb-14 10	22-Feb-14 10	0%
NCW1141	New carriageway [north area] - Site clearance; HKIA flight info. portals, service utilities, furnitures removal	12d	22-Feb-14 10	08-Mar-14 10	0%



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. : C133030
證書編號

ITEM TESTED / 送檢項目 (Job No. / 序引編號 : IC13-1223)

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

DATE OF TEST / 測試日期 : 21 May 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 : 23 May 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
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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. : C133030
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	C123541
CL281	Multifunction Acoustic Calibrator	DC110233
TST150A	Measuring Amplifier	C120886

4. Test procedure : MA100N.

5. Results :

5.1 Sound Level Accuracy

5.1.1 Before Adjustment

UUT Nominal Value	Measured Value (dB)	Mfr's Spec. (dB)	Uncertainty of Measured Value (dB)
94 dB, 1 kHz	94.1	± 0.2	± 0.2
114 dB, 1 kHz	114.1		

5.1.2 After Adjustment

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

5.2.1 Before Adjustment

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

5.2.2 After Adjustment

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

Sun Creation Engineering Limited – Calibration & Testing Laboratory
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Certificate of Calibration
校正證書

Certificate No. : C133030
證書編號

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.

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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
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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.

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Certificate No. : C135382
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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)

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.

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ENVIROTECH SERVICES CO.

High-Volume TSP Sampler
5-Point Calibration Record

Location	**:**	**AMS5 (Ma Wan Chung Village)**
Calibrated by	**:**	**K.F.Ho**
Date	**:**	**16/11/2013**

Sampler

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

Calibration Orfice and Standard Calibration Relationship

Serial Number	**:**	**2323**
Service Date	**:**	**26 Dec 2012**
Slope (m)	**:**	**2.09107**
Intercept (b)	**:**	**-0.02838**
Correlation Coefficient(r)	**:**	**0.99996**

Standard Condition

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

Calibration Condition

Pa (hpa)	**:**	**1018**
Ta(K)	**:**	**297**

Resistance Plate		dH [green liquid] (inch water)	Z	X=Qstd (cubic meter/min)	IC	Y
1	18 holes	10.8	3.304	1.594	59	59.32
2	13 holes	8.7	2.965	1.432	53	53.28
3	10 holes	6.7	2.602	1.258	47	47.25
4	7 holes	4.3	2.085	1.011	38	38.20
5	5 holes	2.7	1.652	0.804	30	30.16

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):36.696 Intercept(b): 0.893 Correlation Coefficient(r): 0.9998

Checked by: Magnum Fan **Date: 22/11/2013**

ENVIROTECH SERVICES CO.

High-Volume TSP Sampler
5-Point Calibration Record

Location	**:**	**AMS5(Ma Wan Chung Village)**
Calibrated by	**:**	**K.F.Ho**
Date	**:**	**20/12/2013**

Sampler

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

Calibration Orfice and Standard Calibration Relationship

Serial Number	**:**	**1378**
Service Date	**:**	**22 Feb 2012**
Slope (m)	**:**	**1.99405**
Intercept (b)	**:**	**-0.00397**
Correlation Coefficient(r)	**:**	**0.99984**

Standard Condition

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

Calibration Condition

Pa (hpa)	**:**	**1023**
Ta(K)	**:**	**288**

Resistance Plate		dH [green liquid] (inch water)	Z	X=Qstd (cubic meter/min)	IC	Y
1	**18 holes**	**13.1**	**3.700**	**1.783**	**60**	**61.33**
2	**13 holes**	**9.4**	**3.134**	**1.512**	**50**	**51.11**
3	**10 holes**	**7.5**	**2.799**	**1.352**	**44**	**44.98**
4	**7 holes**	**5.4**	**2.375**	**1.150**	**38**	**38.84**
5	**5 holes**	**2.8**	**1.711**	**0.832**	**27**	**27.60**

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):35.188 Intercept(b): -1.877 Correlation Coefficient(r): 0.9993

Checked by: Magnum Fan **Date: 26/12/2013**

ENVIROTECH SERVICES CO.

High-Volume TSP Sampler
5-Point Calibration Record

Location	**:**	**AMS6 (Dragonair Building)**
Calibrated by	**:**	**K.F.Ho**
Date	**:**	**16/11/2013**

Sampler

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

Calibration Orfice and Standard Calibration Relationship

Serial Number	**:**	**2323**
Service Date	**:**	**26 Dec 2012**
Slope (m)	**:**	**2.09107**
Intercept (b)	**:**	**-0.02838**
Correlation Coefficient(r)	**:**	**0.99996**

Standard Condition

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

Calibration Condition

Pa (hpa)	**:**	**1018**
Ta(K)	**:**	**297**

Resistance Plate		dH [green liquid] (inch water)	Z	X=Qstd (cubic meter/min)	IC	Y
1	**18 holes**	**10.9**	**3.319**	**1.601**	**60**	**60.32**
2	**13 holes**	**8.9**	**2.999**	**1.448**	**54**	**54.29**
3	**10 holes**	**6.9**	**2.641**	**1.276**	**48**	**48.26**
4	**7 holes**	**4.8**	**2.203**	**1.067**	**39**	**39.21**
5	**5 holes**	**2.8**	**1.682**	**0.818**	**28**	**28.15**

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):40.968 Intercept(b): -4.839 Correlation Coefficient(r): 0.9990

Checked by: Magnum Fan **Date: 22/11/2013**

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

AIR POLLUTION MONITORING EQUIPMENT

ORIFICE TRANSFER STANDARD CERTIFICATION WORKSHEET TE-5025A

Date - Dec 26, 2012 Rootsmeter S/N 0438320 Ta (K) - 295
Operator Tisch Orifice I.D. - 2323 Pa (mm) - 753.11

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	1.4440	3.2	2.00
2	NA	NA	1.00	1.0240	6.4	4.00
3	NA	NA	1.00	0.9120	8.0	5.00
4	NA	NA	1.00	0.8720	8.8	5.50
5	NA	NA	1.00	0.7200	12.8	8.00

DATA TABULATION

Vstd	(x axis) Qstd	(y axis)
0.9967	0.6902	1.4149
0.9925	0.9693	2.0010
0.9903	1.0858	2.2372
0.9893	1.1345	2.3464
0.9840	1.3666	2.8299

Qstd slope (m) = 2.09107
intercept (b) = -0.02838
coefficient (r) = 0.99996

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

Va	(x axis) Qa	(y axis)
0.9957	0.6896	0.8851
0.9915	0.9683	1.2517
0.9893	1.0847	1.3995
0.9883	1.1334	1.4678
0.9830	1.3652	1.7702

Qa slope (m) = 1.30939
intercept (b) = -0.01775
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

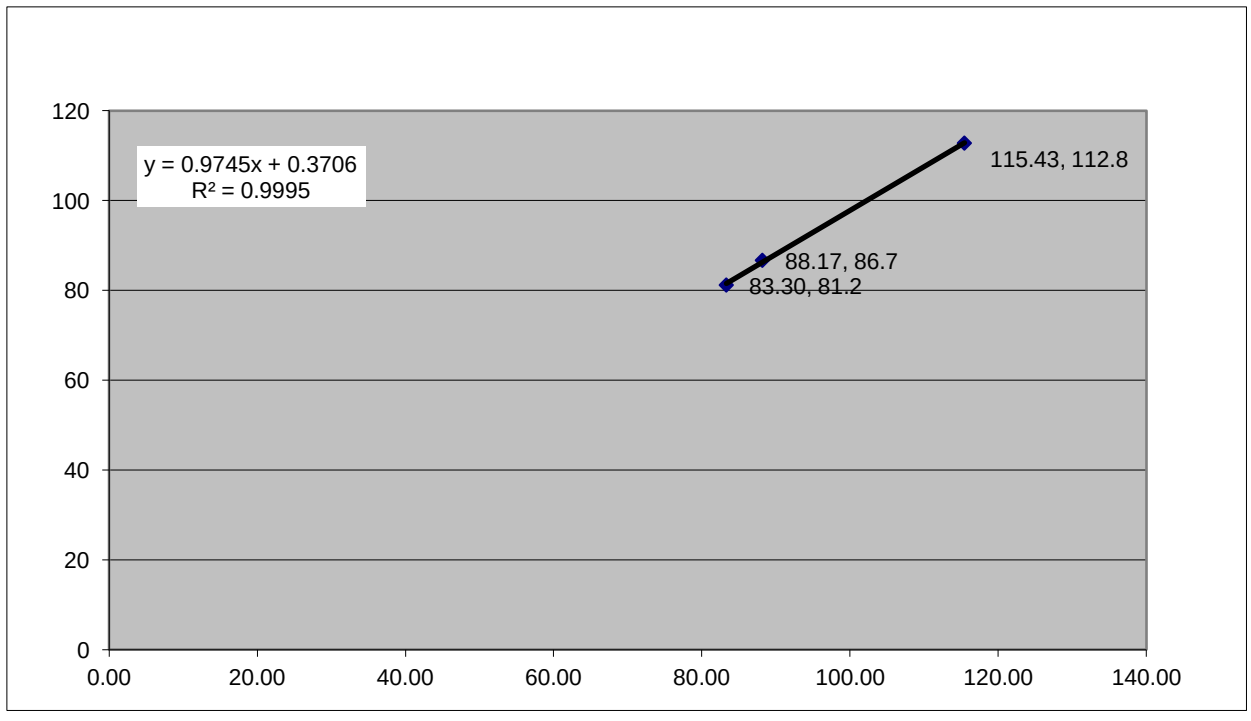
Calibration Result

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: HK1331508
Date of Issue: 18/11/2013
Client: AECOM ASIA COMPANY LIMITED

Equipment Type: YSI Sonde
Brand Name: YSI
Model No.: 6820 V2
Serial No.: 12A101545
Equipment No.: W.026.35
Date of Calibration: 14 November, 2013 Date of next Calibration: 14 February, 2014

Parameters:

Conductivity

Method Ref: APHA (21st edition), 2510B

Expected Reading (uS/cm)	Displayed Reading (uS/cm)	Tolerance (%)
146.9	150.5	2.5
6667	6460	-3.1
12890	12710	-1.4
58670	58120	-0.9
	Tolerance Limit (±%)	10.0

Dissolved Oxygen

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

Expected Reading (mg/L)	Displayed Reading (mg/L)	Tolerance (mg/L)
3.49	3.51	0.02
5.05	5.11	0.06
7.59	7.54	-0.05
	Tolerance Limit (±mg/L)	0.20

pH Value

Method Ref: APHA 21st Ed. 4500H:B

Expected Reading (pH Unit)	Displayed Reading (pH Unit)	Tolerance (pH unit)
4.0	3.94	-0.06
7.0	6.98	-0.02
10.0	9.99	-0.01
	Tolerance Limit (±pH unit)	0.20

Salinity

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

Expected Reading (ppt)	Displayed Reading (ppt)	Tolerance (%)
0	0.01	--
10	9.77	-2.3
20	19.40	-3.0
30	29.73	-0.9
	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: HK1331508
Date of Issue: 18/11/2013
Client: AECOM ASIA COMPANY LIMITED

Equipment Type: YSI Sonde
Brand Name: YSI
Model No.: 6820 V2
Serial No.: 12A101545
Equipment No.: W.026.35
Date of Calibration: 14 November, 2013 Date of next Calibration: 14 February, 2014

Parameters:

Temperature

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

Expected Reading (°C)	Displayed Reading (°C)	Tolerance (°C)
16.5	16.42	-0.1
26.0	26.51	0.5
38.0	38.22	0.2
	Tolerance Limit (±°C)	2.0

Turbidity

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

Expected Reading (NTU)	Displayed Reading (NTU)	Tolerance (%)
0	0	--
4	3.8	-5.0
10	9.9	-1.0
20	19.2	-4.0
50	48.0	-4.0
100	99.1	-0.9
	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: HK1327504
Date of Issue: 22/10/2013
Client: AECOM ASIA COMPANY LIMITED

Equipment Type: Multimeter
Brand Name: YSI
Model No.: 6820 V2
Serial No.: 12D100972
Equipment No.: W.026.36
Date of Calibration: 08 October, 2013 Date of next Calibration: 08 January, 2014

Parameters:

Conductivity

Method Ref: APHA (21st edition), 2510B

Expected Reading (uS/cm)	Displayed Reading (uS/cm)	Tolerance (%)
146.9	141.0	-4.0
6667	6232	-6.5
12890	12570	-2.5
58670	55110	-6.1
	Tolerance Limit (±%)	10.0

Dissolved Oxygen

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

Expected Reading (mg/L)	Displayed Reading (mg/L)	Tolerance (mg/L)
3.55	3.44	-0.11
5.70	5.76	0.06
7.20	7.29	0.09
	Tolerance Limit (±mg/L)	0.20

pH Value

Method Ref: APHA 21st Ed. 4500H:B

Expected Reading (pH Unit)	Displayed Reading (pH Unit)	Tolerance (pH unit)
4.0	4.10	0.10
7.0	7.06	0.06
10.0	10.03	0.03
	Tolerance Limit (±pH unit)	0.20

Salinity

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

Expected Reading (ppt)	Displayed Reading (ppt)	Tolerance (%)
0	0.07	--
10	9.99	-0.1
20	20.05	0.3
30	30.64	2.1
	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: HK1327504
Date of Issue: 22/10/2013
Client: AECOM ASIA COMPANY LIMITED

Description: Multimeter
Brand Name: YSI
Model No.: 6820 V2
Serial No.: 12D100972
Equipment No.: W.026.36
Date of Calibration: 08 October, 2013 Date of next Calibration: 08 January, 2014

Parameters:

Temperature

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

Expected Reading (°C)	Displayed Reading (°C)	Tolerance (°C)
14.0	14.11	0.1
25.0	25.14	0.1
36.5	36.69	0.2
	Tolerance Limit (±°C)	2.0

Turbidity

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

Expected Reading (NTU)	Displayed Reading (NTU)	Tolerance (%)
0	0.0	--
4	4.2	5.0
10	10.5	5.0
20	19.6	-2.0
50	48.2	-3.6
100	99.8	-0.2
	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

Dec-13

	Monday	Tueday	Wednesday	Thursday	Friday	Saturday	Sunday
Time							01-Dec
Time	02-Dec	03-Dec	04-Dec	05-Dec	06-Dec	07-Dec	08-Dec
	AMS6-1hr AMS5-1hr+NMS5 Water Quality Monitoring		Mudflat monitoring Water Quality Monitoring	AMS6/AMS5 - 24hr Dust 1st Dolphin Monitoring	AMS6-1hr AMS5-1hr Water Quality Monitoring	Mudflat monitoring Mudflat monitoring (sedimentation rate monitoring)	Mudflat monitoring
Time	09-Dec	10-Dec	11-Dec	12-Dec	13-Dec	14-Dec	15-Dec
	1st Dolphin Monitoring Water Quality Monitoring		AMS6/AMS5 - 24hr Dust (See Remark 2) Water Quality Monitoring	AMS6-1hr AMS5-1hr+NMS5	2nd Dolphin Monitoring Water Quality Monitoring		
Time	16-Dec	17-Dec	18-Dec	19-Dec	20-Dec	21-Dec	22-Dec
	Water Quality Monitoring		AMS6-1hr AMS5-1hr+NMS5 Mudflat monitoring Water Quality Monitoring	2nd Dolphin Monitoring (See Remark 1)	AMS6/AMS5 - 24hr Dust (See Remark 3) Water Quality Monitoring	Mudflat monitoring	Mudflat monitoring
Time	23-Dec	24-Dec	25-Dec	26-Dec	27-Dec	28-Dec	29-Dec
	AMS6/AMS5 - 24hr Dust Water Quality Monitoring	AMS6-1hr AMS5-1hr+NMS5	Holiday Water Quality Monitoring	Holiday	AMS6/AMS5 - 24hr Dust Water Quality Monitoring		
Time	30-Dec	31-Dec					
	AMS6-1hr AMS5-1hr+NMS5 Water Quality Monitoring						

Remark:

1. Due to inclement weather, the dolphin monitoring was rescheduled from 17 Dec 2013 to 19 Dec 2013.
2. Due to interruption of electricity supply to high volume sampler (HVS) at AMS5 during the sampling period, the 24hr- dust monitoring result on 11 Dec 2013 was considered invalid.
3. The HVS was broken on 11 December 2013 and resumed normal on 20 December 2013. Therefore, the air monitoring on 17 Dec 2013 was rescheduled from 17 Dec 2013 to 20 Dec 2013.

Jan-14

	Monday	Tueday	Wednesday	Thursday	Friday	Saturday	Sunday
Time			01-Jan	02-Jan	03-Jan	04-Jan	05-Jan
			Holiday Water Quality Monitoring	AMS6/AMS5 - 24hr Dust	AMS6-1hr AMS5-1hr Water Quality Monitoring		
Time	06-Jan	07-Jan	08-Jan	09-Jan	10-Jan	11-Jan	12-Jan
	1st Dolphin Monitoring Water Quality Monitoring		1st Dolphin Monitoring AMS6/AMS5 - 24hr Dust Water Quality Monitoring	AMS6-1hr AMS5-1hr+NMS5	Water Quality Monitoring		
Time	13-Jan	14-Jan	15-Jan	16-Jan	17-Jan	18-Jan	19-Jan
	Water Quality Monitoring	AMS6/AMS5 - 24hr Dust	AMS6-1hr AMS5-1hr+NMS5 Water Quality Monitoring		Water Quality Monitoring		
Time	20-Jan	21-Jan	22-Jan	23-Jan	24-Jan	25-Jan	26-Jan
	2nd Dolphin Monitoring AMS6/AMS5 - 24hr Dust Water Quality Monitoring	AMS6-1hr AMS5-1hr+NMS5	Water Quality Monitoring	2nd Dolphin Monitoring	AMS6/AMS5 - 24hr Dust Water Quality Monitoring		
Time	27-Jan	28-Jan	29-Jan	30-Jan	31-Jan		
	AMS6-1hr AMS5-1hr Water Quality Monitoring		AMS6/AMS5 - 24hr Dust Water Quality Monitoring	AMS6-1hr AMS5-1hr+NMS5	Holiday Water Quality Monitoring		

APPENDIX E

Monitoring Data

Project	Works	Date (yyyy-mm-dd)	Station	Time	Parameter	Results	Unit
HKLR	HY/2011/03	2013-12-02	AMS5	09:33	1-hr TSP	29	ug/m^3
HKLR	HY/2011/03	2013-12-02	AMS5	10:33	1-hr TSP	28	ug/m^3
HKLR	HY/2011/03	2013-12-02	AMS5	11:33	1-hr TSP	35	ug/m^3
HKLR	HY/2011/03	2013-12-06	AMS5	09:25	1-hr TSP	68	ug/m^3
HKLR	HY/2011/03	2013-12-06	AMS5	10:25	1-hr TSP	65	ug/m^3
HKLR	HY/2011/03	2013-12-06	AMS5	11:25	1-hr TSP	60	ug/m^3
HKLR	HY/2011/03	2013-12-12	AMS5	09:26	1-hr TSP	172	ug/m^3
HKLR	HY/2011/03	2013-12-12	AMS5	10:26	1-hr TSP	165	ug/m^3
HKLR	HY/2011/03	2013-12-12	AMS5	11:26	1-hr TSP	137	ug/m^3
HKLR	HY/2011/03	2013-12-18	AMS5	13:50	1-hr TSP	23	ug/m^3
HKLR	HY/2011/03	2013-12-18	AMS5	14:50	1-hr TSP	23	ug/m^3
HKLR	HY/2011/03	2013-12-18	AMS5	15:50	1-hr TSP	22	ug/m^3
HKLR	HY/2011/03	2013-12-24	AMS5	13:15	1-hr TSP	133	ug/m^3
HKLR	HY/2011/03	2013-12-24	AMS5	14:15	1-hr TSP	139	ug/m^3
HKLR	HY/2011/03	2013-12-24	AMS5	15:15	1-hr TSP	136	ug/m^3
HKLR	HY/2011/03	2013-12-30	AMS5	09:26	1-hr TSP	91	ug/m^3
HKLR	HY/2011/03	2013-12-30	AMS5	10:26	1-hr TSP	74	ug/m^3
HKLR	HY/2011/03	2013-12-30	AMS5	11:26	1-hr TSP	85	ug/m^3
HKLR	HY/2011/03	2013-12-05	AMS5	08:00	24-hr TSP	143	ug/m^3
HKLR	HY/2011/03	2013-12-11	AMS5	08:00	24-hr TSP	-	ug/m^3
HKLR	HY/2011/03	2013-12-20	AMS5	14:45	24-hr TSP	154	ug/m^3
HKLR	HY/2011/03	2013-12-23	AMS5	13:40	24-hr TSP	139	ug/m^3
HKLR	HY/2011/03	2013-12-27	AMS5	08:00	24-hr TSP	195	ug/m^3
HKLR	HY/2011/03	2013-12-02	AMS6	13:32	1-hr TSP	58	ug/m^3
HKLR	HY/2011/03	2013-12-02	AMS6	14:32	1-hr TSP	75	ug/m^3
HKLR	HY/2011/03	2013-12-02	AMS6	15:32	1-hr TSP	73	ug/m^3
HKLR	HY/2011/03	2013-12-06	AMS6	13:28	1-hr TSP	104	ug/m^3
HKLR	HY/2011/03	2013-12-06	AMS6	14:28	1-hr TSP	69	ug/m^3
HKLR	HY/2011/03	2013-12-06	AMS6	15:28	1-hr TSP	63	ug/m^3
HKLR	HY/2011/03	2013-12-12	AMS6	13:05	1-hr TSP	121	ug/m^3
HKLR	HY/2011/03	2013-12-12	AMS6	14:05	1-hr TSP	112	ug/m^3
HKLR	HY/2011/03	2013-12-12	AMS6	15:05	1-hr TSP	118	ug/m^3
HKLR	HY/2011/03	2013-12-18	AMS6	08:15	1-hr TSP	13	ug/m^3
HKLR	HY/2011/03	2013-12-18	AMS6	09:15	1-hr TSP	17	ug/m^3
HKLR	HY/2011/03	2013-12-18	AMS6	10:15	1-hr TSP	17	ug/m^3
HKLR	HY/2011/03	2013-12-24	AMS6	08:15	1-hr TSP	94	ug/m^3
HKLR	HY/2011/03	2013-12-24	AMS6	09:15	1-hr TSP	93	ug/m^3
HKLR	HY/2011/03	2013-12-24	AMS6	10:15	1-hr TSP	98	ug/m^3
HKLR	HY/2011/03	2013-12-30	AMS6	13:28	1-hr TSP	122	ug/m^3
HKLR	HY/2011/03	2013-12-30	AMS6	14:28	1-hr TSP	107	ug/m^3
HKLR	HY/2011/03	2013-12-30	AMS6	15:28	1-hr TSP	95	ug/m^3
HKLR	HY/2011/03	2013-12-05	AMS6	08:00	24-hr TSP	99	ug/m^3
HKLR	HY/2011/03	2013-12-11	AMS6	08:00	24-hr TSP	224	ug/m^3

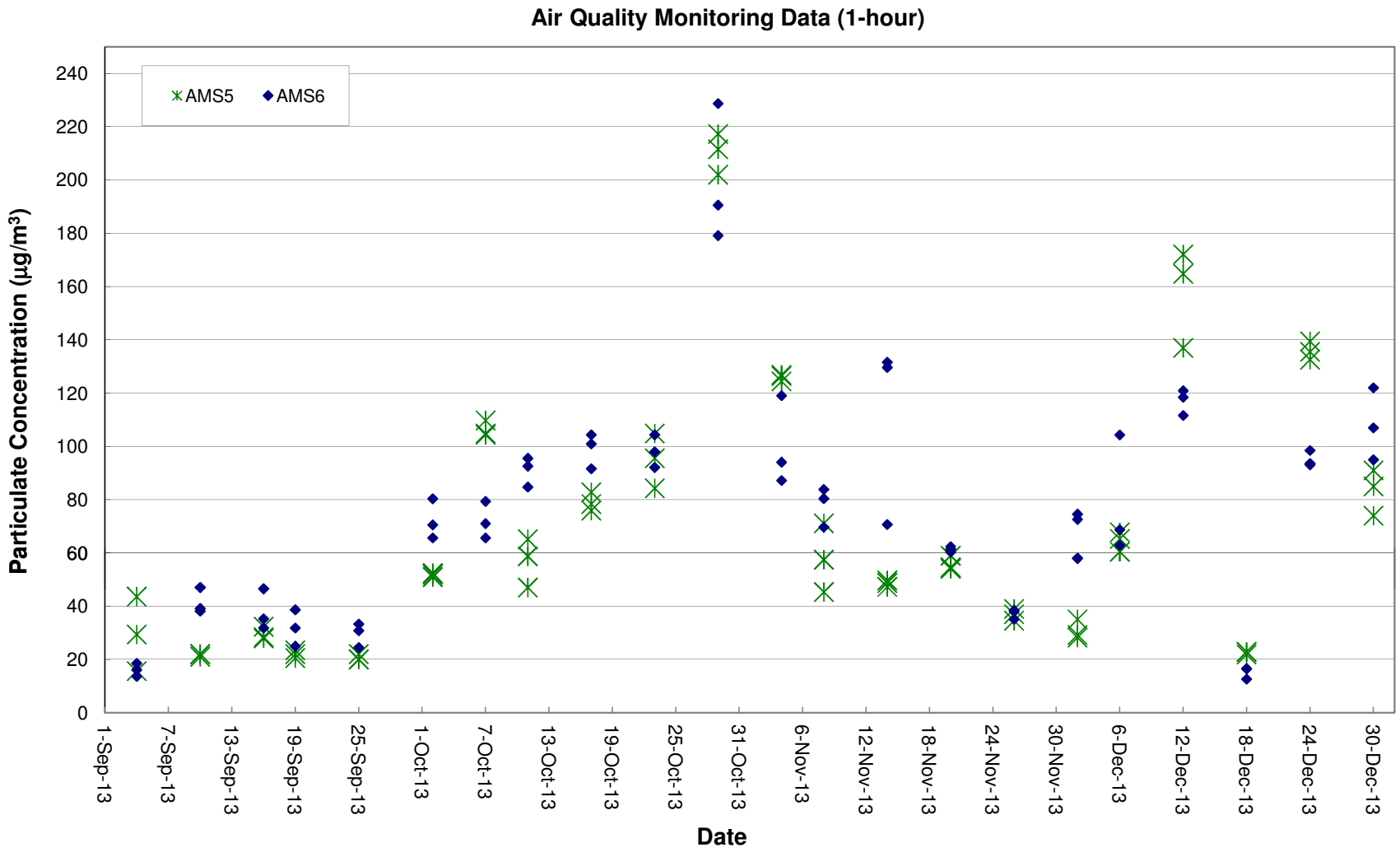
HKLR	HY/2011/03	2013-12-17	AMS6	08:00	24-hr TSP	31	ug/m^3
HKLR	HY/2011/03	2013-12-23	AMS6	08:00	24-hr TSP	229	ug/m^3
HKLR	HY/2011/03	2013-12-27	AMS6	08:00	24-hr TSP	262	ug/m^3

Remark:

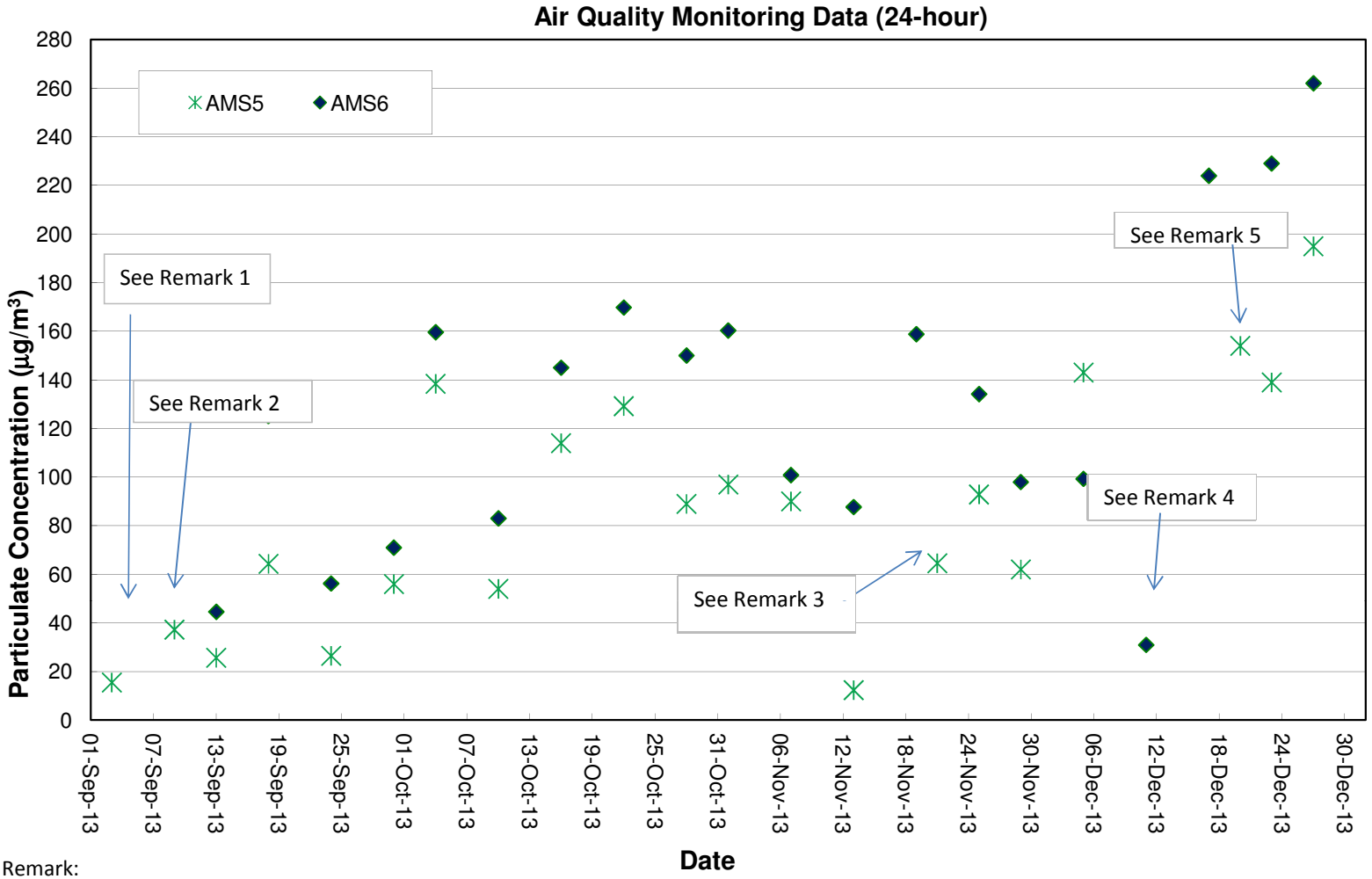
1)Due to interruption of electricity supply during sampling period , the 24hr- dust monitoring result on 11 December 2013 was considered invalid.

2) The HVS at AMS5 was broken on 11 December 2013. It resumed normal on 20 December 2013. Therefore, the 24hr- dust monitoring was rescheduled from 17 December 2013 to 20 December 2013.

Graphical Plot of 1-hour TSP at AMS5 and AMS6



Graphical Plot of 24-hour TSP at AMS5 and AMS6



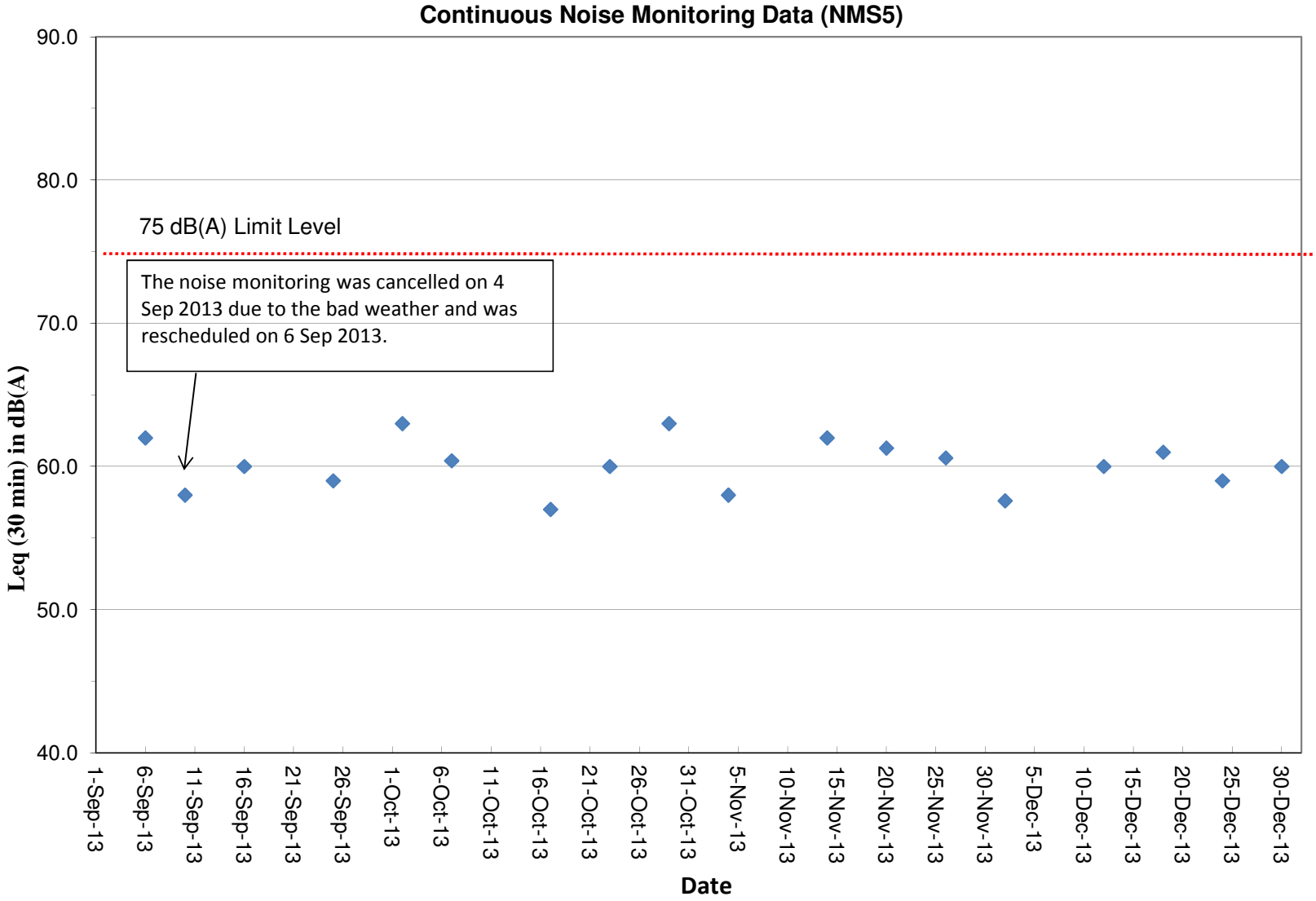
Remark:

1) The 24 hr dust monitoring was cancelled on 3 Sep 2013 at AMS6 due to interruption of electricity supply.
2) The 24 hr dust monitoring was cancelled on 9 Sep 2013 at AMS6 due to malfunction of HVS.
3) Due to the electricity supply problem to high volume sampler, the 24-hr dust monitoring at AMS5 was rescheduled from 19 Nov 2013 to 21 Nov 2013.
4) Due to interruption of electricity supply during sampling period , the 24hr- dust monitoring result on 11 December 2013 was considered invalid.
5) The HVS at AMS5 was found out of function since 11 December 2013. It resumed normal on 20 December 2013. Therefore, the 24hr- dust monitoring was rescheduled from 17 December 2013 to 20 December 2013.

Noise Monitoring Data

Project	Works	Date (yyyy-mm-dd)	Station	Start Time	Wind Speed, m/s	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	2013-12-02	NMS5	9:40	<5	Leq:	56.7	Leq:	52.4	Leq:	52.0	Leq:	53.0	Leq:	55.0	Leq:	56.3	Leq:	57.6	dB(A)
						L10:	60.0	L10:	56.0	L10:	54.0	L10:	56.0	L10:	59.0	L10:	60.0	L10:	61.1	
						L90:	49.5	L90:	48.0	L90:	48.5	L90:	48.5	L90:	48.0	L90:	49.0	L90:	51.6	
HKLR	HY/2011/03	2013-12-12	NMS5	9:50	<5	Leq:	58.0	Leq:	58.4	Leq:	56.1	Leq:	53.8	Leq:	55.4	Leq:	56.4	Leq:	59.6	dB(A)
						L10:	60.5	L10:	62.5	L10:	60.5	L10:	56.5	L10:	59.0	L10:	59.5	L10:	63.1	
						L90:	52.5	L90:	51.5	L90:	49.0	L90:	50.0	L90:	50.5	L90:	51.0	L90:	53.9	
HKLR	HY/2011/03	2013-12-18	NMS5	14:20	<5	Leq:	56.8	Leq:	57.5	Leq:	58.4	Leq:	58.2	Leq:	55.6	Leq:	58.5	Leq:	60.6	dB(A)
						L10:	59.5	L10:	59.5	L10:	61.5	L10:	61.0	L10:	56.5	L10:	61.0	L10:	63.1	
						L90:	53.5	L90:	53.5	L90:	52.5	L90:	54.0	L90:	53.5	L90:	54.0	L90:	56.5	
HKLR	HY/2011/03	2013-12-24	NMS5	13:45	<5	Leq:	56.1	Leq:	53.0	Leq:	57.5	Leq:	57.4	Leq:	56.7	Leq:	56.0	Leq:	59.3	dB(A)
						L10:	59.0	L10:	55.0	L10:	60.0	L10:	60.5	L10:	59.0	L10:	58.5	L10:	62.0	
						L90:	51.5	L90:	50.0	L90:	52.5	L90:	52.0	L90:	51.5	L90:	52.0	L90:	54.7	
HKLR	HY/2011/03	2013-12-30	NMS5	9:30	<5	Leq:	56.9	Leq:	55.8	Leq:	57.7	Leq:	55.7	Leq:	54.3	Leq:	58.9	Leq:	60.0	dB(A)
						L10:	60.5	L10:	59.5	L10:	62.0	L10:	58.5	L10:	58.0	L10:	63.5	L10:	67.0	
						L90:	49.0	L90:	50.0	L90:	49.5	L90:	50.0	L90:	49.5	L90:	49.5	L90:	53.0	

Graphical Plot of Noise Levels at NMS5



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	2013-12-02	Mid-Ebb	Sunny	IS5	11:09:38	1.0	Surface	1	1	19.84	7.97	32.31	97.1	7.32	6	6.3
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	IS5	11:08:58	1.0	Surface	1	2	19.83	7.96	32.31	97.1	7.32	6.3	7.4
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	IS5	11:09:24	4.9	Middle	2	1	19.83	7.96	32.32	96.7	7.29	6	7.1
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	IS5	11:08:45	4.9	Middle	2	2	19.82	7.96	32.32	96.8	7.3	5.9	6.8
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	IS5	11:08:33	8.8	Bottom	3	1	19.83	7.96	32.32	96.9	7.31	6.4	10
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	IS5	11:09:13	8.8	Bottom	3	2	19.82	7.96	32.32	96.7	7.29	6.2	8.1
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	IS(Mf)6	11:15:30	1.0	Surface	1	1	19.92	7.97	32.36	97.4	7.33	13	6.1
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	IS(Mf)6	11:15:10	1.0	Surface	1	2	19.92	7.96	32.36	98.1	7.38	12.4	6.5
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	IS(Mf)6	11:15:20	2.3	Bottom	3	1	19.92	7.96	32.36	97.7	7.35	13.6	8.7
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	IS(Mf)6	11:15:01	2.3	Bottom	3	2	19.92	7.96	32.36	98.6	7.42	13	10.7
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	IS7	11:22:48	1.0	Surface	1	1	19.96	7.96	32.21	100.6	7.57	6.6	9.6
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	IS7	11:22:31	1.0	Surface	1	2	19.95	7.96	32.2	101.1	7.61	6.7	8.8
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	IS7	11:22:40	2.3	Bottom	3	1	19.89	7.96	32.21	100.6	7.58	6.4	9.4
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	IS7	11:22:22	2.3	Bottom	3	2	19.88	7.96	32.2	101.2	7.62	6.4	10.8
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	IS8	11:46:37	1.0	Surface	1	1	20.68	7.98	32.53	99	7.34	5.5	4.2
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	IS8	11:46:08	1.0	Surface	1	2	20.63	7.97	32.61	99.1	7.35	6	4.7
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	IS8	11:46:20	2.7	Bottom	3	1	20.46	7.97	32.66	98.2	7.3	6.4	5.9
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	IS8	11:45:56	2.7	Bottom	3	2	20.51	7.97	32.64	99	7.36	6.6	5.5
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	IS(Mf)9	11:28:54	1.0	Surface	1	1	20.17	7.97	32.23	98.3	7.37	8.1	7.9
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	IS(Mf)9	11:28:40	1.0	Surface	1	2	20.15	7.97	32.22	98.5	7.38	7.9	6.6
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	IS(Mf)9	11:28:32	2.7	Bottom	3	1	20.25	7.96	32.43	99.2	7.41	8.9	8.2
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	IS(Mf)9	11:28:48	2.7	Bottom	3	2	20.24	7.97	32.41	99	7.4	8.6	7.6
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	IS10	12:19:52	1.0	Surface	1	1	20.52	8.25	32.84	96.5	7.16	3.7	7.7
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	IS10	12:20:50	1.0	Surface	1	2	20.54	8.25	32.82	96.6	7.16	3.8	8.3
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	IS10	12:19:40	5.3	Middle	2	1	20.4	8.25	32.87	96	7.14	4.4	6.3
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	IS10	12:20:36	5.3	Middle	2	2	20.4	8.25	32.88	95.8	7.13	4.4	8
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	IS10	12:19:26	9.6	Bottom	3	1	20.4	8.25	32.87	96.2	7.16	4.5	8.4
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	IS10	12:20:20	9.6	Bottom	3	2	20.4	8.25	32.87	96.1	7.15	4.6	8
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	SR3	10:56:40	0.9	Middle	2	1	19.87	7.95	32.31	100	7.54	6	12.2
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	SR3	10:56:50	0.9	Middle	2	2	19.85	7.95	32.31	99.2	7.48	5.9	11.3
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	SR4	11:39:12	1.0	Surface	1	1	20.46	7.97	32.72	98.4	7.31	5.3	8.2
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	SR4	11:40:05	1.0	Surface	1	2	20.47	7.97	32.73	97.9	7.28	5.8	8.5
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	SR4	11:39:06	2.5	Bottom	3	1	20.47	7.97	32.73	98.9	7.35	6	9.1
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	SR4	11:39:54	2.5	Bottom	3	2	20.46	7.97	32.74	99.1	7.37	6.3	10.8
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	SR5	12:10:40	1.0	Surface	1	1	20.44	8.25	32.84	97.7	7.26	3.7	8.3
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	SR5	12:11:04	1.0	Surface	1	2	20.43	8.25	32.83	97.6	7.26	3.7	7.1
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	SR5	12:10:52	3.3	Bottom	3	1	20.44	8.25	32.86	97.5	7.24	3.7	11.2
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	SR5	12:10:28	3.3	Bottom	3	2	20.43	8.25	32.86	97.8	7.27	3.7	9.5
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	SR10A	12:45:02	1.0	Surface	1	1	21.3	7.95	33.12	91.7	6.7	5.1	6.1
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	SR10A	12:45:40	1.0	Surface	1	2	21.29	7.95	33.12	91.4	6.68	5.1	6.6
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	SR10A	12:44:48	3.6	Middle	2	1	21.29	7.95	33.13	91.4	6.68	5.8	13
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	SR10A	12:45:28	3.6	Middle	2	2	21.29	7.95	33.13	91.2	6.66	5.7	12
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	SR10A	12:44:39	6.1	Bottom	3	1	21.29	7.94	33.13	91.6	6.69	5	12.7
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	SR10A	12:45:19	6.1	Bottom	3	2	21.29	7.95	33.13	91.2	6.66	5.2	12.1
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	SR10B	12:59:38	1.0	Surface	1	1	21.3	7.96	33.12	91.2	6.66	4.5	11.1
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	SR10B	12:59:08	1.0	Surface	1	2	21.3	7.95	33.12	91.3	6.67	4.6	12.1
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	SR10B	12:58:52	4.8	Bottom	3	1	21.29	7.95	33.13	91.2	6.66	4.9	11.1
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	SR10B	12:59:26	4.8	Bottom	3	2	21.3	7.96	33.13	91.1	6.65	5	10.9
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	CS2	10:47:06	1.0	Surface	1	1	20.39	8.31	32.85	98.6	7.33	6.7	9.4
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	CS2	10:47:55	1.0	Surface	1	2	20.43	8.3	32.84	98.1	7.29	6.9	8.9
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	CS2	10:47:39	4.0	Middle	2	1	20.32	8.3	32.86	97.5	7.26	7.8	9.2
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	CS2	10:46:54	4.0	Middle	2	2	20.32	8.32	32.86	98.4	7.33	7.6	10.3
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	CS2	10:46:30	7.0	Bottom	3	1	20.31	8.34	32.7	99.6	7.43	7.9	9
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	CS2	10:47:23	7.0	Bottom	3	2	20.32	8.31	32.83	97.8	7.28	8.1	10.8
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	CS(Mf)5	12:17:59	1.0	Surface	1	1	21.4	7.95	33.15	91.9	6.7	4	7.6
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	CS(Mf)5	12:18:38	1.0	Surface	1	2	21.4	7.96	33.15	91.7	6.68	3.7	7
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	CS(Mf)5	12:17:44	6.9	Middle	2	1	21.34	7.95	33.16	91.1	6.65	4.2	9.4
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	CS(Mf)5	12:18:23	6.9	Middle	2	2	21.34	7.95	33.16	91	6.64	4.1	9
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	CS(Mf)5	12:18:12	12.7	Bottom	3	1	21.35	7.95	33.15	91.4	6.67	4.2	9.5
HKLR	HY/2011/03	2013-12-02	Mid-Ebb	Sunny	CS(Mf)5	12:17:31	12.7	Bottom	3	2	21.34	7.95	33.16	91.4	6.67	4.3	10.7
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	IS5	07:11:38	1.0	Surface	1	1	19.75	7.97	32.3	96.1	7.26	5.8	9.1
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	IS5	07:11:03	1.0	Surface	1	2	19.76	7.96	32.3	96.3	7.27	5.7	8.6

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	2013-12-02	Mid-Flood	Sunny	IS5	07:11:24	4.9	Middle	2	1	19.85	7.96	32.35	96.1	7.24	5.4	9.5
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	IS5	07:10:51	4.9	Middle	2	2	19.83	7.96	32.33	96.2	7.25	5.5	9.7
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	IS5	07:11:14	8.7	Bottom	3	1	19.82	7.96	32.35	96.2	7.25	5.6	11
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	IS5	07:10:42	8.7	Bottom	3	2	19.82	7.96	32.35	96.4	7.26	5.7	9.3
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	IS(Mf)6	07:03:22	1.0	Surface	1	1	19.62	7.98	32.19	97.6	7.39	10.5	7.2
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	IS(Mf)6	07:03:03	1.0	Surface	1	2	19.66	7.98	32.2	98	7.41	10.1	6.7
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	IS(Mf)6	07:03:09	2.2	Bottom	3	1	19.65	7.98	32.21	97.8	7.41	13.7	7.8
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	IS(Mf)6	07:02:54	2.2	Bottom	3	2	19.71	7.98	32.32	98.6	7.45	14.8	8.8
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	IS7	06:56:20	1.0	Surface	1	1	19.92	7.97	32.32	97.2	7.32	13.3	8.8
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	IS7	06:57:25	1.0	Surface	1	2	19.9	7.97	32.35	96.1	7.24	12.9	9.5
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	IS7	06:56:15	2.4	Bottom	3	1	19.91	7.97	32.42	97.5	7.34	14.8	11.8
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	IS7	06:57:19	2.4	Bottom	3	2	19.93	7.97	32.4	96.1	7.23	15.1	11.2
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	IS8	06:34:03	1.0	Surface	1	1	20.4	7.96	32.62	96.3	7.17	11.8	15.4
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	IS8	06:34:24	1.0	Surface	1	2	20.4	7.97	32.63	96.1	7.16	11	14.6
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	IS8	06:34:17	2.6	Bottom	3	1	20.39	7.97	32.63	96	7.15	10.5	20
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	IS8	06:33:55	2.6	Bottom	3	2	20.39	7.96	32.63	96.5	7.19	10.5	18.5
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	IS(Mf)9	06:50:12	1.0	Surface	1	1	20.34	7.96	32.45	97.5	7.27	7.1	8.9
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	IS(Mf)9	06:50:26	1.0	Surface	1	2	20.37	7.96	32.5	96.9	7.23	7.6	8.7
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	IS(Mf)9	06:49:58	2.6	Bottom	3	1	20.37	7.96	32.55	98.4	7.34	9.7	14.1
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	IS(Mf)9	06:50:19	2.6	Bottom	3	2	20.37	7.96	32.54	97.3	7.25	9.5	13.5
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	IS10	06:39:53	1.0	Surface	1	1	20.2	8.23	32.71	96.2	7.19	8.5	12.5
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	IS10	06:39:10	1.0	Surface	1	2	20.23	8.23	32.75	96.5	7.2	8	12.7
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	IS10	06:39:39	5.3	Middle	2	1	20.3	8.23	32.83	96.1	7.16	8.5	19.5
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	IS10	06:38:58	5.3	Middle	2	2	20.27	8.23	32.81	96.3	7.18	8.7	18.4
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	IS10	06:38:44	9.5	Bottom	3	1	20.27	8.23	32.83	96.2	7.18	8.6	18.8
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	IS10	06:39:23	9.5	Bottom	3	2	20.27	8.23	32.83	96	7.16	8.3	19.7
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	SR3	07:19:28	0.8	Middle	2	1	19.75	7.97	32.29	96.3	7.27	5.8	13.2
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	SR3	07:19:36	0.8	Middle	2	2	19.75	7.97	32.3	96.3	7.27	5.8	12.8
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	SR4	06:39:50	1.0	Surface	1	1	20.48	7.96	32.73	96.9	7.2	7.7	12.8
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	SR4	06:40:03	1.0	Surface	1	2	20.48	7.97	32.73	96.3	7.16	7.6	13.8
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	SR4	06:39:57	2.5	Bottom	3	1	20.48	7.97	32.74	96.5	7.17	7.8	14.8
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	SR4	06:39:44	2.5	Bottom	3	2	20.48	7.96	32.74	97.3	7.23	7.8	15.2
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	SR5	06:50:04	1.0	Surface	1	1	20.1	8.23	32.65	96	7.19	7.5	12.3
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	SR5	06:49:30	1.0	Surface	1	2	20.1	8.23	32.66	96	7.18	7.1	12.6
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	SR5	06:49:19	3.6	Bottom	3	1	20.11	8.23	32.68	95.9	7.18	7.1	20.6
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	SR5	06:49:53	3.6	Bottom	3	2	20.15	8.23	32.69	95.9	7.17	7.1	22
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	SR10A	05:38:02	1.0	Surface	1	1	21.24	7.96	32.97	91.6	6.7	6.3	12.2
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	SR10A	05:37:20	1.0	Surface	1	2	21.26	7.95	32.96	91.8	6.72	7.1	11.8
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	SR10A	05:37:44	3.5	Middle	2	1	21.27	7.95	32.97	91.5	6.69	7.3	11.5
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	SR10A	05:37:13	3.5	Middle	2	2	21.28	7.95	32.97	91.8	6.71	7.6	11.9
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	SR10A	05:37:07	5.9	Bottom	3	1	21.28	7.94	32.97	91.8	6.71	7.8	11.6
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	SR10A	05:37:34	5.9	Bottom	3	2	21.28	7.95	32.98	91.5	6.69	7.7	12.5
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	SR10B	05:29:50	1.0	Surface	1	1	21.27	7.88	32.83	92.2	6.75	8.6	14.6
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	SR10B	05:30:11	1.0	Surface	1	2	21.28	7.89	32.86	91.8	6.72	9.1	14
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	SR10B	05:29:33	4.7	Bottom	3	1	21.28	7.86	32.81	92.6	6.78	8.8	17.2
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	SR10B	05:29:59	4.7	Bottom	3	2	21.28	7.88	32.86	91.9	6.72	9	15.8
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	CS2	08:16:34	1.0	Surface	1	1	20.28	8.24	32.95	96.4	7.18	14.2	22.5
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	CS2	08:15:57	1.0	Surface	1	2	20.3	8.24	32.96	96.4	7.18	14	21.5
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	CS2	08:15:46	4.1	Middle	2	1	20.3	8.24	32.96	96.2	7.16	14.5	23.6
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	CS2	08:16:20	4.1	Middle	2	2	20.3	8.24	32.96	96.2	7.17	14.8	24.3
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	CS2	08:16:08	7.2	Bottom	3	1	20.3	8.24	32.96	96.2	7.16	14.3	23.9
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	CS2	08:15:31	7.2	Bottom	3	2	20.3	8.24	32.95	96.2	7.16	14	22.2
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	CS(Mf)5	06:06:16	1.0	Surface	1	1	21.22	7.96	33.02	91.9	6.73	15.1	13.6
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	CS(Mf)5	06:05:31	1.0	Surface	1	2	21.22	7.95	33.02	92.2	6.75	13.7	13.6
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	CS(Mf)5	06:06:01	6.9	Middle	2	1	21.2	7.96	33.02	91.6	6.71	13.8	13.6
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	CS(Mf)5	06:05:16	6.9	Middle	2	2	21.2	7.95	33.02	91.9	6.73	14	13.2
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	CS(Mf)5	06:05:49	12.7	Bottom	3	1	21.2	7.96	33.02	91.7	6.71	14	14.9
HKLR	HY/2011/03	2013-12-02	Mid-Flood	Sunny	CS(Mf)5	06:05:10	12.7	Bottom	3	2	21.21	7.95	33.02	91.8	6.72	13.5	15.7
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	IS5	12:51:06	1.0	Surface	1	1	20.32	7.96	32.36	97.3	7.27	11.3	15.6
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	IS5	12:51:50	1.0	Surface	1	2	20.32	7.96	32.36	97.4	7.28	11.7	15.8
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	IS5	12:50:52	4.4	Middle	2	1	20.28	7.96	32.39	96.8	7.23	11.8	14
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	IS5	12:51:37	4.4	Middle	2	2	20.3	7.96	32.4	97	7.24	11	14

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	2013-12-04	Mid-Ebb	Sunny	IS5	12:50:39	7.7	Bottom	3	1	20.28	7.96	32.42	96.9	7.24	12.1	15.4
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	IS5	12:51:27	7.7	Bottom	3	2	20.29	7.96	32.41	97.1	7.25	11.6	16.8
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	IS(Mf)6	12:59:16	1.0	Surface	1	1	20.49	7.97	32.35	100	7.45	15.2	18.9
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	IS(Mf)6	13:00:03	1.0	Surface	1	2	20.4	7.97	32.36	100.2	7.47	15.1	18.9
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	IS(Mf)6	12:59:03	2.2	Bottom	3	1	20.38	7.96	32.37	99.6	7.43	16.2	18.4
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	IS(Mf)6	12:59:52	2.2	Bottom	3	2	20.3	7.96	32.36	100.7	7.53	16.8	19.2
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	IS7	13:04:13	1.0	Surface	1	1	20.63	7.96	32.35	99.6	7.4	12.4	18.1
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	IS7	13:03:51	1.0	Surface	1	2	20.61	7.96	32.36	98.7	7.33	12.7	18.9
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	IS7	13:03:59	2.3	Bottom	3	1	20.52	7.95	32.33	98.7	7.35	13.6	21
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	IS7	13:03:36	2.3	Bottom	3	2	20.36	7.95	32.37	98.4	7.34	13.3	19.3
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	IS8	13:28:53	1.0	Surface	1	1	20.82	7.94	32.22	98.6	7.31	8.1	18.8
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	IS8	13:29:16	1.0	Surface	1	2	20.87	7.95	32.21	99	7.33	8.4	17.4
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	IS8	13:28:42	2.9	Bottom	3	1	20.51	7.94	32.26	98	7.3	8.4	17.2
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	IS8	13:29:05	2.9	Bottom	3	2	20.63	7.95	32.19	98.3	7.31	8.1	17.7
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	IS(Mf)9	13:10:51	1.0	Surface	1	1	20.6	7.98	32.43	101	7.51	11	19.6
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	IS(Mf)9	13:11:09	1.0	Surface	1	2	20.55	7.99	32.45	101	7.51	10.6	18.6
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	IS(Mf)9	13:10:39	2.8	Bottom	3	1	20.35	7.97	32.46	100.2	7.47	12	19.2
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	IS(Mf)9	13:11:00	2.8	Bottom	3	2	20.43	7.98	32.42	100.8	7.51	11.6	20
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	IS10	13:25:08	1.0	Surface	1	1	20.82	8.18	31.32	96.2	7.16	3.5	10.8
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	IS10	13:26:13	1.0	Surface	1	2	20.84	8.17	31.24	96.2	7.16	3.7	10.8
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	IS10	13:25:41	5.6	Middle	2	1	20.76	8.2	31.75	96.1	7.15	3.7	10
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	IS10	13:24:55	5.6	Middle	2	2	20.77	8.2	31.85	96.2	7.15	3.5	10.8
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	IS10	13:25:28	10.1	Bottom	3	1	20.8	8.2	32.22	96	7.12	3.9	12.9
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	IS10	13:24:45	10.1	Bottom	3	2	20.78	8.2	32.29	96.2	7.12	3.5	12.1
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	SR3	12:39:56	0.6	Middle	2	1	20.32	7.95	32.33	98	7.32	11.3	12.8
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	SR3	12:40:09	0.6	Middle	2	2	20.32	7.95	32.33	98	7.32	11.2	13
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	SR4	13:21:16	1.0	Surface	1	1	20.64	7.94	32.28	98.6	7.33	5.5	15.3
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	SR4	13:21:47	1.0	Surface	1	2	20.66	7.94	32.25	98.5	7.32	5.8	14.4
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	SR4	13:21:05	2.6	Bottom	3	1	20.64	7.94	32.28	98.4	7.31	5.6	16.4
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	SR4	13:21:36	2.6	Bottom	3	2	20.63	7.94	32.26	98.5	7.32	5.7	16.6
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	SR5	13:19:46	1.0	Surface	1	1	20.82	8.19	31.41	96.5	7.18	3.8	11.5
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	SR5	13:20:12	1.0	Surface	1	2	20.82	8.18	31.39	96.4	7.18	3.6	11.6
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	SR5	13:19:33	4.1	Bottom	3	1	20.81	8.18	31.94	96.3	7.15	3.7	12.6
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	SR5	13:19:59	4.1	Bottom	3	2	20.79	8.19	32.02	96.2	7.14	3.7	12.4
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	SR10A	14:45:02	1.0	Surface	1	1	21.08	7.95	32.78	91.3	6.71	7.4	18
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	SR10A	14:45:44	1.0	Surface	1	2	21.08	7.95	32.79	91.2	6.7	7.2	18.5
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	SR10A	14:45:32	3.1	Middle	2	1	21.08	7.95	32.83	91	6.69	7.2	17.3
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	SR10A	14:44:46	3.1	Middle	2	2	21.08	7.95	32.81	91.2	6.7	7.5	18.4
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	SR10A	14:44:30	5.2	Bottom	3	1	21.08	7.95	32.84	91.2	6.7	7	19
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	SR10A	14:45:20	5.2	Bottom	3	2	21.08	7.95	32.84	91	6.68	7.1	19.4
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	SR10B	14:51:42	1.0	Surface	1	1	21.07	7.95	32.77	91.2	6.7	9.3	19.4
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	SR10B	14:50:52	1.0	Surface	1	2	21.07	7.94	32.78	91.2	6.7	9	21.4
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	SR10B	14:50:36	3.7	Bottom	3	1	21.06	7.94	32.81	91.1	6.7	9	22.7
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	SR10B	14:51:12	3.7	Bottom	3	2	21.07	7.94	32.82	91	6.69	8.9	24.6
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	CS2	12:32:22	1.0	Surface	1	1	20.82	8.24	31.63	96.6	7.18	4.1	10.1
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	CS2	12:31:42	1.0	Surface	1	2	20.79	8.25	31.7	97.7	7.25	4.2	10.5
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	CS2	12:31:29	4.1	Middle	2	1	20.72	8.25	32	96.9	7.2	4.7	10.2
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	CS2	12:32:06	4.1	Middle	2	2	20.71	8.25	31.89	96.2	7.15	4.4	10.4
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	CS2	12:31:55	7.1	Bottom	3	1	20.7	8.25	32.17	96.1	7.14	5.5	12.1
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	CS2	12:31:09	7.1	Bottom	3	2	20.68	8.24	32.35	96.8	7.19	5.7	11.2
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	CS(Mf)5	14:16:01	1.0	Surface	1	1	21.08	7.97	32.5	95.9	7.06	5.7	9.2
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	CS(Mf)5	14:14:46	1.0	Surface	1	2	21.08	7.96	32.5	95.9	7.06	5.6	8.2
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	CS(Mf)5	14:14:20	6.2	Middle	2	1	20.97	7.96	32.6	94.1	6.93	6.4	9.2
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	CS(Mf)5	14:15:40	6.2	Middle	2	2	21.01	7.96	32.6	94.7	6.97	6.4	9.2
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	CS(Mf)5	14:13:59	11.4	Bottom	3	1	20.93	7.95	32.7	93.7	6.91	8.3	9.5
HKLR	HY/2011/03	2013-12-04	Mid-Ebb	Sunny	CS(Mf)5	14:15:20	11.4	Bottom	3	2	20.96	7.96	32.64	94.6	6.97	8.6	10.7
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	IS5	09:29:24	1.0	Surface	1	1	20.19	7.97	32.65	97.3	7.27	10.5	11.5
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	IS5	09:28:46	1.0	Surface	1	2	20.18	7.96	32.65	97.3	7.27	11	11.5
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	IS5	09:28:36	4.5	Middle	2	1	20.19	7.96	32.66	97.3	7.27	10.6	12.5
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	IS5	09:29:13	4.5	Middle	2	2	20.19	7.96	32.66	97.1	7.26	10.3	14.1
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	IS5	09:28:24	8.0	Bottom	3	1	20.19	7.96	32.66	97.3	7.27	10.6	13.4
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	IS5	09:29:03	8.0	Bottom	3	2	20.19	7.96	32.67	96.9	7.24	10.4	12

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	2013-12-04	Mid-Flood	Sunny	IS(Mf)6	09:20:25	1.0	Surface	1	1	20.21	7.96	32.62	97.4	7.28	21.1	12.4
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	IS(Mf)6	09:20:50	1.0	Surface	1	2	20.23	7.96	32.62	97.5	7.28	21.1	13
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	IS(Mf)6	09:20:15	2.2	Bottom	3	1	20.18	7.95	32.61	97.6	7.3	21.3	13.1
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	IS(Mf)6	09:20:34	2.2	Bottom	3	2	20.2	7.96	32.61	97.4	7.28	22.1	14.2
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	IS7	09:12:55	1.0	Surface	1	1	20.28	7.96	32.62	97.3	7.26	22.2	12.3
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	IS7	09:12:37	1.0	Surface	1	2	20.27	7.96	32.62	97.2	7.26	21.9	12.3
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	IS7	09:12:27	2.2	Bottom	3	1	20.25	7.95	32.61	97.2	7.26	22.6	14.5
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	IS7	09:12:44	2.2	Bottom	3	2	20.26	7.96	32.61	97.2	7.26	21.1	14
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	IS8	08:47:55	1.0	Surface	1	1	20.37	7.96	32.54	97.1	7.24	15.8	10
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	IS8	08:48:12	1.0	Surface	1	2	20.38	7.96	32.52	97.1	7.24	15.5	10.5
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	IS8	08:48:02	3.2	Bottom	3	1	20.38	7.96	32.54	97	7.23	15.6	12
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	IS8	08:47:42	3.2	Bottom	3	2	20.37	7.95	32.55	97.3	7.25	15.9	12.3
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	IS(Mf)9	09:05:35	1.0	Surface	1	1	20.15	7.97	32.68	99.6	7.45	16.3	12.3
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	IS(Mf)9	09:05:53	1.0	Surface	1	2	20.15	7.97	32.67	99.6	7.45	16.1	12.1
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	IS(Mf)9	09:05:24	2.8	Bottom	3	1	20.15	7.97	32.68	99.6	7.45	16.2	12.4
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	IS(Mf)9	09:05:43	2.8	Bottom	3	2	20.15	7.97	32.69	99.6	7.44	16.4	13.2
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	IS10	08:25:46	1.0	Surface	1	1	20.47	8.2	32.63	96.7	7.19	13.3	18.7
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	IS10	08:24:54	1.0	Surface	1	2	20.46	8.2	32.63	97.1	7.23	13.2	17.7
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	IS10	08:25:32	5.6	Middle	2	1	20.43	8.2	32.66	96.7	7.19	13.7	23.1
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	IS10	08:24:45	5.6	Middle	2	2	20.44	8.2	32.65	97.1	7.22	13.4	24.4
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	IS10	08:25:23	10.1	Bottom	3	1	20.44	8.2	32.66	96.6	7.18	13.6	23.8
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	IS10	08:24:32	10.1	Bottom	3	2	20.44	8.19	32.65	97	7.22	13.5	25.3
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	SR3	09:37:17	0.7	Middle	2	1	20.19	7.97	32.65	97.4	7.28	9.7	12.4
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	SR3	09:37:26	0.7	Middle	2	2	20.19	7.97	32.65	97.4	7.28	9.5	12.3
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	SR4	08:54:28	1.0	Surface	1	1	20.29	7.95	32.56	96.8	7.22	11.2	8.6
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	SR4	08:54:42	1.0	Surface	1	2	20.3	7.95	32.56	96.5	7.2	11.3	7.4
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	SR4	08:54:33	2.9	Bottom	3	1	20.29	7.95	32.57	96.6	7.21	11.4	12.3
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	SR4	08:54:21	2.9	Bottom	3	2	20.29	7.95	32.57	96.9	7.23	11.1	10.2
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	SR5	08:31:08	1.0	Surface	1	1	20.46	8.2	32.63	96.6	7.19	12.9	20.9
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	SR5	08:30:45	1.0	Surface	1	2	20.46	8.2	32.63	96.7	7.19	12.7	19.9
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	SR5	08:30:24	4.0	Bottom	3	1	20.44	8.2	32.65	96.5	7.18	12.7	20.6
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	SR5	08:30:57	4.0	Bottom	3	2	20.46	8.2	32.64	96.4	7.17	13	20.8
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	SR10A	07:48:01	1.0	Surface	1	1	20.8	7.96	32.68	93.4	6.9	17.6	7.4
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	SR10A	07:47:31	1.0	Surface	1	2	20.81	7.96	32.66	93.5	6.91	17.9	7
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	SR10A	07:47:51	3.3	Middle	2	1	20.82	7.96	32.69	93.3	6.89	18.1	7.6
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	SR10A	07:47:22	3.3	Middle	2	2	20.84	7.96	32.72	93.4	6.9	17.8	6.8
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	SR10A	07:47:12	5.6	Bottom	3	1	20.83	7.96	32.72	93.5	6.91	18.3	10.8
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	SR10A	07:47:43	5.6	Bottom	3	2	20.84	7.96	32.73	93.4	6.89	18.5	9.6
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	SR10B	07:41:43	1.0	Surface	1	1	20.93	7.94	32.83	97.3	7.17	14.3	11.1
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	SR10B	07:42:04	1.0	Surface	1	2	20.94	7.95	32.85	95.3	7.02	14.2	11.6
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	SR10B	07:41:52	4.4	Bottom	3	1	20.93	7.94	32.85	93.9	6.91	14.1	11.6
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	SR10B	07:40:03	4.4	Bottom	3	2	20.94	7.92	32.81	92.6	6.82	14.7	11.6
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	CS2	09:24:59	1.0	Surface	1	1	20.51	8.2	32.5	95.9	7.13	15.9	23.6
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	CS2	09:25:28	1.0	Surface	1	2	20.5	8.2	32.49	96.1	7.15	15.5	23.1
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	CS2	09:25:15	4.1	Middle	2	1	20.5	8.2	32.55	95.9	7.13	16	26.2
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	CS2	09:24:48	4.1	Middle	2	2	20.5	8.2	32.57	95.5	7.1	16	26.3
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	CS2	09:25:06	7.1	Bottom	3	1	20.5	8.2	32.54	95.8	7.12	16.2	36.7
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	CS2	09:24:37	7.1	Bottom	3	2	20.51	8.2	32.59	95.4	7.09	16	36.6
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	CS(Mf)5	08:16:20	1.0	Surface	1	1	20.71	7.95	32.48	94.9	7.03	14.1	9.1
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	CS(Mf)5	08:17:07	1.0	Surface	1	2	20.71	7.96	32.47	94.8	7.03	14.5	8.1
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	CS(Mf)5	08:16:50	6.7	Middle	2	1	20.68	7.96	32.49	94.4	7	14.2	10.3
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	CS(Mf)5	08:16:11	6.7	Middle	2	2	20.69	7.95	32.49	94.8	7.03	14.1	10.6
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	CS(Mf)5	08:15:59	12.3	Bottom	3	1	20.68	7.95	32.5	94.5	7.01	15.1	13.9
HKLR	HY/2011/03	2013-12-04	Mid-Flood	Sunny	CS(Mf)5	08:16:39	12.3	Bottom	3	2	20.67	7.96	32.5	94.1	6.97	15.5	12.2
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	IS5	14:41:41	1.0	Surface	1	1	20.01	7.94	32.11	95.7	7.2	12.8	15.2
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	IS5	14:40:47	1.0	Surface	1	2	20	7.94	32.12	95.4	7.17	12.8	15.1
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	IS5	14:40:36	4.3	Middle	2	1	19.99	7.94	32.16	95.6	7.19	12.5	15.1
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	IS5	14:41:08	4.3	Middle	2	2	19.99	7.94	32.15	95.7	7.2	13	14.1
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	IS5	14:40:29	7.5	Bottom	3	1	19.99	7.94	32.17	95.6	7.19	12.6	15.8
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	IS5	14:40:57	7.5	Bottom	3	2	19.99	7.94	32.17	95.3	7.17	12.9	15.9
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	IS(Mf)6	14:48:05	1.0	Surface	1	1	20.32	7.96	32.08	97.5	7.3	12.3	12.4
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	IS(Mf)6	14:48:23	1.0	Surface	1	2	20.36	7.96	32.06	97.7	7.31	12.3	11.6

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	2013-12-06	Mid-Ebb	Sunny	IS(Mf)6	14:47:56	2.2	Bottom	3	1	20.17	7.95	32.08	97.3	7.3	12.4	13.1
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	IS(Mf)6	14:48:11	2.2	Bottom	3	2	20.24	7.96	32.05	97.3	7.29	12.6	11.2
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	IS7	14:52:45	1.0	Surface	1	1	20.46	7.97	32.04	98.4	7.35	13.8	10.4
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	IS7	14:53:02	1.0	Surface	1	2	20.4	7.97	32.04	98.5	7.36	13.6	11
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	IS7	14:52:35	2.3	Bottom	3	1	20.29	7.96	32.06	97.7	7.31	14	10.8
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	IS7	14:52:52	2.3	Bottom	3	2	20.35	7.97	32.05	98.4	7.36	13.9	11.6
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	IS8	15:18:25	1.0	Surface	1	1	20.54	7.92	31.78	97.6	7.28	8.6	9.2
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	IS8	15:18:39	1.0	Surface	1	2	20.48	7.92	31.8	97	7.25	8.9	8.5
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	IS8	15:18:31	3.0	Bottom	3	1	20.49	7.92	31.79	97.2	7.27	8.9	10.2
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	IS8	15:18:15	3.0	Bottom	3	2	20.52	7.92	31.79	97.5	7.28	8.5	10.2
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	IS(Mf)9	15:00:15	1.0	Surface	1	1	20.41	7.97	32.03	99.2	7.41	10.4	9.2
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	IS(Mf)9	14:59:56	1.0	Surface	1	2	20.38	7.97	32.01	99.9	7.47	10.2	8.6
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	IS(Mf)9	14:59:46	2.7	Bottom	3	1	20.32	7.97	32.02	99.5	7.45	10.2	10.4
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	IS(Mf)9	15:00:04	2.7	Bottom	3	2	20.22	7.97	32.04	99.3	7.44	10.3	11.5
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	IS10	15:33:09	1.0	Surface	1	1	20.57	8.13	31.12	95.4	7.14	4.1	9.3
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	IS10	15:32:33	1.0	Surface	1	2	20.53	8.14	31.23	95.2	7.13	4.2	9.9
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	IS10	15:32:21	5.2	Middle	2	1	20.43	8.16	32.05	94.8	7.08	4.4	9.2
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	IS10	15:32:56	5.2	Middle	2	2	20.43	8.16	32.04	94.8	7.08	4.3	9.6
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	IS10	15:32:46	9.3	Bottom	3	1	20.44	8.15	32.01	94.8	7.08	4.2	9.6
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	IS10	15:32:10	9.3	Bottom	3	2	20.43	8.16	32.08	94.8	7.08	4.3	9.3
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	SR3	14:31:47	0.7	Middle	2	1	20.12	7.93	32.1	98.7	7.41	10.9	16.1
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	SR3	14:31:39	0.7	Middle	2	2	20.12	7.93	32.11	99.2	7.44	10.8	16.2
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	SR4	15:10:57	1.0	Surface	1	1	20.57	7.91	31.9	96.3	7.18	5.6	10.3
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	SR4	15:11:21	1.0	Surface	1	2	20.57	7.91	31.89	96.2	7.17	5.6	11.2
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	SR4	15:11:11	2.7	Bottom	3	1	20.54	7.91	31.89	96.1	7.17	5.6	12.6
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	SR4	15:10:47	2.7	Bottom	3	2	20.54	7.92	31.91	96.4	7.19	5.8	12.8
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	SR5	15:23:07	1.0	Surface	1	1	20.47	8.14	31.3	95.3	7.14	4.2	10.2
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	SR5	15:22:41	1.0	Surface	1	2	20.48	8.14	31.34	95.5	7.16	4.1	10.9
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	SR5	15:22:54	4.5	Bottom	3	1	20.43	8.15	31.96	95.2	7.11	4	11.6
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	SR5	15:22:32	4.5	Bottom	3	2	20.44	8.15	32	95.4	7.13	4	10.3
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	SR10A	16:25:25	1.0	Surface	1	1	20.73	7.95	32.48	91.3	6.77	6.7	8.4
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	SR10A	16:24:51	1.0	Surface	1	2	20.73	7.95	32.51	91.4	6.77	6.5	8.7
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	SR10A	16:24:40	3.2	Middle	2	1	20.73	7.95	32.55	91.3	6.76	6.6	8.4
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	SR10A	16:25:12	3.2	Middle	2	2	20.73	7.95	32.55	90.9	6.73	6.6	7.7
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	SR10A	16:24:25	5.3	Bottom	3	1	20.73	7.94	32.61	91.5	6.77	6.8	8.8
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	SR10A	16:25:02	5.3	Bottom	3	2	20.74	7.95	32.64	91.1	6.74	6.6	7.2
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	SR10B	16:32:58	1.0	Surface	1	1	20.72	7.95	32.48	91.5	6.78	5.6	7.2
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	SR10B	16:32:37	1.0	Surface	1	2	20.72	7.95	32.49	91.4	6.77	5.5	6.2
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	SR10B	16:32:48	3.8	Bottom	3	1	20.72	7.95	32.54	91.3	6.77	5.7	8.7
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	SR10B	16:32:28	3.8	Bottom	3	2	20.73	7.95	32.55	91.3	6.76	5.6	8.8
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	CS2	14:07:29	1.0	Surface	1	1	20.44	8.19	31.25	96.5	7.24	4.8	9.2
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	CS2	14:08:40	1.0	Surface	1	2	20.42	8.17	31.26	95.1	7.13	5	9.5
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	CS2	14:07:11	3.6	Middle	2	1	20.39	8.21	31.6	97.4	7.3	5.5	11
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	CS2	14:08:26	3.6	Middle	2	2	20.38	8.18	31.44	95	7.12	5	10.3
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	CS2	14:08:11	6.1	Bottom	3	1	20.4	8.19	31.85	95.2	7.12	7	10.7
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	CS2	14:06:59	6.1	Bottom	3	2	20.35	8.2	32.09	98.5	7.36	6.8	11.2
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	CS(Mf)5	15:49:03	1.0	Surface	1	1	20.74	7.95	32.33	92.3	6.85	6.7	8.2
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	CS(Mf)5	15:48:27	1.0	Surface	1	2	20.76	7.95	32.29	92.5	6.86	6.5	7.1
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	CS(Mf)5	15:48:53	6.5	Middle	2	1	20.75	7.95	32.45	91.9	6.8	8.4	7.6
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	CS(Mf)5	15:48:13	6.5	Middle	2	2	20.74	7.95	32.45	91.4	6.77	8.6	8.6
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	CS(Mf)5	15:48:44	11.9	Bottom	3	1	20.76	7.95	32.52	92.1	6.82	8.5	9.1
HKLR	HY/2011/03	2013-12-06	Mid-Ebb	Sunny	CS(Mf)5	15:48:03	11.9	Bottom	3	2	20.72	7.94	32.57	91.2	6.76	8.6	8
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	IS5	11:11:28	1.0	Surface	1	1	19.98	7.94	32.32	94.8	7.13	12.5	14
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	IS5	11:10:57	1.0	Surface	1	2	19.98	7.93	32.32	94.8	7.13	12.4	14.5
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	IS5	11:10:47	4.1	Middle	2	1	19.96	7.93	32.33	94.5	7.11	12.7	15.6
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	IS5	11:11:17	4.1	Middle	2	2	19.96	7.94	32.33	94.5	7.11	13.1	15.9
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	IS5	11:11:07	7.2	Bottom	3	1	19.96	7.93	32.33	94.6	7.11	13	16
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	IS5	11:10:37	7.2	Bottom	3	2	19.96	7.93	32.34	94.7	7.12	12.9	14.6
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	IS(Mf)6	11:03:05	1.0	Surface	1	1	20.14	7.94	32.25	96.3	7.22	20.1	24.6
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	IS(Mf)6	11:03:23	1.0	Surface	1	2	20.15	7.94	32.25	96.3	7.22	20.5	24.8
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	IS(Mf)6	11:03:13	2.1	Bottom	3	1	20.13	7.94	32.25	96.2	7.22	20.4	28.8
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	IS(Mf)6	11:02:53	2.1	Bottom	3	2	20.12	7.93	32.25	96.1	7.21	20.9	27.8

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	2013-12-06	Mid-Flood	Sunny	IS7	10:56:00	1.0	Surface	1	1	20.1	7.93	32.22	96.4	7.24	16.1	20.3
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	IS7	10:56:18	1.0	Surface	1	2	20.09	7.93	32.23	96.2	7.22	16.2	18.2
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	IS7	10:55:49	2.2	Bottom	3	1	20.09	7.92	32.23	96.5	7.24	16.9	22.4
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	IS7	10:56:08	2.2	Bottom	3	2	20.08	7.93	32.23	96.3	7.23	16.8	22.1
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	IS8	10:31:51	1.0	Surface	1	1	20.26	7.92	32.13	95.5	7.15	9.3	12.6
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	IS8	10:31:33	1.0	Surface	1	2	20.24	7.91	32.13	95.5	7.15	10.1	11.2
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	IS8	10:31:23	3.1	Bottom	3	1	20.23	7.91	32.13	95.6	7.16	10.6	11.9
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	IS8	10:31:41	3.1	Bottom	3	2	20.24	7.91	32.12	95.3	7.14	10.2	11.9
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	IS(Mf)9	10:49:14	1.0	Surface	1	1	20.14	7.93	32.23	96.7	7.25	17.2	9.4
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	IS(Mf)9	10:48:47	1.0	Surface	1	2	20.1	7.92	32.24	96.8	7.27	17.3	9.2
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	IS(Mf)9	10:48:56	2.8	Bottom	3	1	19.95	7.93	32.27	96.3	7.25	17.1	11.2
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	IS(Mf)9	10:48:38	2.8	Bottom	3	2	20.01	7.92	32.28	96.9	7.28	17.4	11
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	IS10	10:09:02	1.0	Surface	1	1	20.15	8.16	32.31	95.6	7.16	14.3	20.3
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	IS10	10:09:38	1.0	Surface	1	2	20.16	8.16	32.31	95.3	7.14	14.9	20
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	IS10	10:09:26	5.3	Middle	2	1	20.13	8.16	32.38	95.1	7.13	15	20.6
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	IS10	10:08:51	5.3	Middle	2	2	20.13	8.16	32.38	95.3	7.14	15.6	20.8
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	IS10	10:08:44	9.5	Bottom	3	1	20.13	8.16	32.36	95.4	7.15	15.1	22.1
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	IS10	10:09:20	9.5	Bottom	3	2	20.13	8.16	32.38	95.1	7.13	16.6	22
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	SR3	11:19:25	0.7	Middle	2	1	20.03	7.95	32.3	95.6	7.18	12.2	18
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	SR3	11:19:16	0.7	Middle	2	2	20.01	7.95	32.3	95.5	7.17	12.2	17
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	SR4	10:39:23	1.0	Surface	1	1	20.22	7.9	32.09	95.5	7.15	10.4	17.2
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	SR4	10:38:45	1.0	Surface	1	2	20.22	7.9	32.09	96.7	7.25	10.5	17.6
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	SR4	10:38:59	2.6	Bottom	3	1	20.22	7.9	32.09	96	7.19	10.6	20
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	SR4	10:38:36	2.6	Bottom	3	2	20.22	7.9	32.09	97.4	7.3	10.5	19.2
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	SR5	10:19:51	1.0	Surface	1	1	20.16	8.16	32.36	95.2	7.13	12.8	22.9
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	SR5	10:19:24	1.0	Surface	1	2	20.16	8.16	32.36	95.2	7.13	13.5	22.8
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	SR5	10:19:08	4.4	Bottom	3	1	20.12	8.16	32.38	94.9	7.11	14	21.5
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	SR5	10:19:35	4.4	Bottom	3	2	20.13	8.16	32.37	95	7.12	13.6	21.4
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	SR10A	09:21:24	1.0	Surface	1	1	20.62	7.91	32.45	91.6	6.8	21.1	31.2
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	SR10A	09:21:51	1.0	Surface	1	2	20.62	7.91	32.45	91.5	6.79	21.2	32.9
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	SR10A	09:21:42	3.2	Middle	2	1	20.62	7.91	32.46	91.4	6.78	22.3	35.6
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	SR10A	09:21:14	3.2	Middle	2	2	20.62	7.91	32.46	91.5	6.79	22.7	35.7
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	SR10A	09:21:05	5.4	Bottom	3	1	20.62	7.91	32.45	91.6	6.8	21.7	36.6
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	SR10A	09:21:34	5.4	Bottom	3	2	20.62	7.91	32.46	91.4	6.79	21.8	37.4
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	SR10B	09:16:29	1.0	Surface	1	1	20.66	7.89	32.53	91.8	6.81	12.7	24.9
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	SR10B	09:16:11	1.0	Surface	1	2	20.65	7.89	32.51	91.9	6.82	13.3	23.8
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	SR10B	09:16:20	4.1	Bottom	3	1	20.66	7.89	32.52	91.8	6.8	13.2	26.3
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	SR10B	09:16:04	4.1	Bottom	3	2	20.66	7.89	32.5	92	6.83	13.3	24.4
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	CS2	11:35:54	1.0	Surface	1	1	20.24	8.16	32.24	94.8	7.1	12.4	15
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	CS2	11:36:28	1.0	Surface	1	2	20.23	8.16	32.26	94.6	7.09	12.5	14.5
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	CS2	11:36:19	3.4	Middle	2	1	20.18	8.16	32.33	94.3	7.06	13.4	15.5
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	CS2	11:35:44	3.4	Middle	2	2	20.17	8.16	32.33	94.5	7.08	13	15.6
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	CS2	11:36:09	5.8	Bottom	3	1	20.19	8.16	32.33	94.4	7.07	15.1	14.8
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	CS2	11:35:30	5.8	Bottom	3	2	20.18	8.16	32.34	94.5	7.08	15.5	15.7
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	CS(Mf)5	09:53:42	1.0	Surface	1	1	20.37	7.91	32.04	93.6	7	14.6	13.4
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	CS(Mf)5	09:52:33	1.0	Surface	1	2	20.36	7.9	32.04	93.1	6.96	14.7	14.4
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	CS(Mf)5	09:52:19	6.4	Middle	2	1	20.34	7.92	32.05	93.7	7	20.2	13
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	CS(Mf)5	09:53:05	6.4	Middle	2	2	20.31	7.9	32.08	93.6	7	20.6	13.6
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	CS(Mf)5	09:51:44	11.7	Bottom	3	1	20.32	7.89	32.14	93.1	6.96	20.2	13.7
HKLR	HY/2011/03	2013-12-06	Mid-Flood	Sunny	CS(Mf)5	09:52:48	11.7	Bottom	3	2	20.32	7.9	32.12	92.8	6.94	20.8	14.8
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	IS5	17:36:46	1.0	Surface	1	1	20.66	7.95	32.49	96.3	7.14	9.3	7.6
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	IS5	17:36:10	1.0	Surface	1	2	20.64	7.94	32.53	96.3	7.14	9.2	8.2
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	IS5	17:36:36	4.3	Middle	2	1	20.61	7.94	32.56	95.8	7.11	10.1	8.7
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	IS5	17:36:02	4.3	Middle	2	2	20.61	7.94	32.59	96	7.12	9.6	9.2
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	IS5	17:35:48	7.6	Bottom	3	1	20.62	7.94	32.59	96.1	7.13	9.1	9.9
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	IS5	17:36:21	7.6	Bottom	3	2	20.62	7.94	32.56	96	7.12	9.6	9.6
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	IS(Mf)6	17:45:06	1.0	Surface	1	1	20.59	7.93	32.45	96.1	7.14	11.5	10.1
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	IS(Mf)6	17:44:45	1.0	Surface	1	2	20.59	7.93	32.46	95.9	7.12	11.4	10.2
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	IS(Mf)6	17:44:54	2.2	Bottom	3	1	20.59	7.93	32.46	95.8	7.12	13	11.7
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	IS(Mf)6	17:44:35	2.2	Bottom	3	2	20.59	7.92	32.47	96	7.13	12.2	11.3
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	IS7	17:50:40	1.0	Surface	1	1	20.66	7.95	32.24	96.1	7.14	12.5	10.7
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	IS7	17:51:01	1.0	Surface	1	2	20.66	7.95	32.24	96.3	7.15	12.2	9.9

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	2013-12-09	Mid-Ebb	Sunny	IS7	17:50:47	2.4	Bottom	3	1	20.54	7.94	32.25	95.8	7.13	14.2	15.3
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	IS7	17:50:28	2.4	Bottom	3	2	20.52	7.93	32.25	95.5	7.11	15.6	14.2
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	IS8	18:13:41	1.0	Surface	1	1	20.6	7.96	31.71	97.2	7.25	5.2	7.8
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	IS8	18:13:26	1.0	Surface	1	2	20.59	7.96	31.71	97.3	7.26	5.1	7.2
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	IS8	18:13:19	2.7	Bottom	3	1	20.6	7.95	31.74	97.2	7.25	5.1	9
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	IS8	18:13:34	2.7	Bottom	3	2	20.57	7.95	31.75	97	7.24	5.2	9.6
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	IS(Mf)9	17:57:13	1.0	Surface	1	1	20.78	7.97	32.16	99	7.34	11.1	8.2
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	IS(Mf)9	17:56:57	1.0	Surface	1	2	20.81	7.97	32.15	99.7	7.39	10.6	8.7
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	IS(Mf)9	17:56:48	2.5	Bottom	3	1	20.77	7.97	32.18	99.7	7.39	11.9	9
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	IS(Mf)9	17:57:06	2.5	Bottom	3	2	20.72	7.97	32.2	99.2	7.36	12.4	8.9
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	IS10	19:02:48	1.0	Surface	1	1	20.49	8.1	29.18	93.4	7.08	3.2	5.5
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	IS10	19:03:29	1.0	Surface	1	2	20.48	8.09	29.18	93.3	7.08	3.2	5
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	IS10	19:03:16	5.3	Middle	2	1	20.44	8.13	31.34	93.1	6.98	4.7	5.7
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	IS10	19:02:37	5.3	Middle	2	2	20.43	8.13	31.36	93.1	6.98	4.6	6.6
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	IS10	19:02:27	9.5	Bottom	3	1	20.36	8.13	31.38	92.7	6.96	5.3	5.5
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	IS10	19:03:05	9.5	Bottom	3	2	20.39	8.12	31.36	92.8	6.96	5.4	6.5
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	SR3	17:21:04	0.9	Middle	2	1	20.66	7.91	32.65	96.7	7.16	9.1	8.1
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	SR3	17:20:57	0.9	Middle	2	2	20.65	7.9	32.65	96.6	7.16	8.8	8.8
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	SR4	18:07:00	1.0	Surface	1	1	20.72	7.94	31.76	95.4	7.1	5.7	5.3
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	SR4	18:06:50	1.0	Surface	1	2	20.72	7.94	31.76	95.6	7.11	5.7	7.4
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	SR4	18:06:43	2.6	Bottom	3	1	20.72	7.94	31.77	95.6	7.11	5.7	7.6
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	SR4	18:06:56	2.6	Bottom	3	2	20.72	7.94	31.77	95.4	7.1	5.7	7.6
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	SR5	18:52:08	1.0	Surface	1	1	20.53	8.11	30.06	94.5	7.13	2.7	4.2
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	SR5	18:52:27	1.0	Surface	1	2	20.53	8.1	29.78	94.2	7.11	2.8	4.3
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	SR5	18:51:57	3.6	Bottom	3	1	20.47	8.11	31	94.4	7.09	3	5.8
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	SR5	18:52:17	3.6	Bottom	3	2	20.48	8.11	30.81	94.2	7.08	3.1	4.3
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	SR10A	19:10:13	1.0	Surface	1	1	20.61	7.97	32.36	91.3	6.78	3.5	3.2
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	SR10A	19:10:52	1.0	Surface	1	2	20.62	7.97	32.37	91.3	6.78	3.4	2.2
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	SR10A	19:10:34	3.2	Middle	2	1	20.62	7.97	32.39	91.1	6.76	3.6	5
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	SR10A	19:10:01	3.2	Middle	2	2	20.62	7.96	32.38	91.1	6.77	3.6	5.5
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	SR10A	19:09:45	5.4	Bottom	3	1	20.61	7.96	32.37	91	6.76	3.5	5.4
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	SR10A	19:10:26	5.4	Bottom	3	2	20.62	7.97	32.39	91	6.76	3.6	5.6
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	SR10B	19:18:47	1.0	Surface	1	1	20.62	7.98	32.38	91.2	6.77	3.4	5.5
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	SR10B	19:18:22	1.0	Surface	1	2	20.62	7.97	32.37	91.2	6.77	3.4	6.3
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	SR10B	19:18:35	4.5	Bottom	3	1	20.62	7.97	32.38	91	6.76	3.4	5.8
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	SR10B	19:18:10	4.5	Bottom	3	2	20.62	7.97	32.38	90.9	6.75	3.8	6
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	CS2	17:21:12	1.0	Surface	1	1	20.5	8.13	29.57	93.5	7.08	4.1	5.4
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	CS2	17:22:13	1.0	Surface	1	2	20.5	8.12	29.71	92.8	7.02	4.3	6.7
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	CS2	17:21:01	4.1	Middle	2	1	20.39	8.15	30.15	93.9	7.09	4.9	5.9
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	CS2	17:21:37	4.1	Middle	2	2	20.4	8.13	30.28	92.9	7.01	4.7	4.7
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	CS2	17:21:27	7.1	Bottom	3	1	20.42	8.13	31.36	92.7	6.95	5.8	6.6
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	CS2	17:20:44	7.1	Bottom	3	2	20.42	8.16	31.5	95	7.12	5.8	6.8
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	CS(Mf)5	18:44:38	1.0	Surface	1	1	20.65	7.98	31.86	92.8	6.91	3.4	7
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	CS(Mf)5	18:43:53	1.0	Surface	1	2	20.64	7.98	31.89	92.3	6.87	3.2	7.6
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	CS(Mf)5	18:44:22	6.8	Middle	2	1	20.57	7.98	32.28	91.2	6.79	3.4	7
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	CS(Mf)5	18:43:42	6.8	Middle	2	2	20.57	7.97	32.28	91.5	6.81	3.7	7.4
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	CS(Mf)5	18:43:31	12.6	Bottom	3	1	20.58	7.97	32.28	92.2	6.86	3.5	6.3
HKLR	HY/2011/03	2013-12-09	Mid-Ebb	Sunny	CS(Mf)5	18:44:10	12.6	Bottom	3	2	20.58	7.98	32.33	92	6.84	3.6	6.7
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	IS5	13:33:04	1.0	Surface	1	1	20.53	7.97	31.91	95.7	7.14	9.4	11.5
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	IS5	13:33:35	1.0	Surface	1	2	20.46	7.97	31.9	95.5	7.13	9.2	11.7
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	IS5	13:32:54	4.4	Middle	2	1	20.48	7.96	31.91	95.3	7.12	9.5	11.5
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	IS5	13:33:28	4.4	Middle	2	2	20.42	7.97	31.9	95.1	7.11	9.2	11.9
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	IS5	13:33:18	7.8	Bottom	3	1	20.43	7.97	31.9	95.3	7.12	9.5	11.5
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	IS5	13:32:41	7.8	Bottom	3	2	20.43	7.96	31.9	95.3	7.12	9.7	10.7
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	IS(Mf)6	13:24:02	1.0	Surface	1	1	20.7	7.98	31.78	97.5	7.26	11	11.9
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	IS(Mf)6	13:23:43	1.0	Surface	1	2	20.68	7.98	31.79	96.6	7.19	12	11.8
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	IS(Mf)6	13:23:33	2.2	Bottom	3	1	20.49	7.97	31.77	96	7.17	14.7	12.5
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	IS(Mf)6	13:23:51	2.2	Bottom	3	2	20.68	7.98	31.77	97	7.22	13.9	13.5
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	IS7	13:17:43	1.0	Surface	1	1	20.54	7.96	31.77	96.4	7.19	13	11.9
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	IS7	13:17:30	1.0	Surface	1	2	20.63	7.96	31.76	96.6	7.2	12.9	10.8
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	IS7	13:17:35	2.3	Bottom	3	1	20.55	7.96	31.72	96.3	7.19	14	12.9
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	IS7	13:17:16	2.3	Bottom	3	2	20.48	7.96	31.74	96.3	7.2	13.8	12.9

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	2013-12-09	Mid-Flood	Sunny	IS8	12:52:46	1.0	Surface	1	1	20.48	7.9	31.39	95.1	7.12	7.5	7.8
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	IS8	12:53:05	1.0	Surface	1	2	20.48	7.92	31.39	95.2	7.13	7	7.2
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	IS8	12:52:58	2.5	Bottom	3	1	20.4	7.91	31.48	95	7.12	9	7.5
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	IS8	12:52:39	2.5	Bottom	3	2	20.46	7.9	31.44	95	7.11	8	9
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	IS(Mf)9	13:11:35	1.0	Surface	1	1	20.47	7.94	31.54	95.6	7.15	13.2	14.4
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	IS(Mf)9	13:12:01	1.0	Surface	1	2	20.5	7.95	31.49	95.8	7.17	13	14.6
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	IS(Mf)9	13:11:26	2.5	Bottom	3	1	20.38	7.94	31.76	95.3	7.13	13.7	17.6
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	IS(Mf)9	13:11:47	2.5	Bottom	3	2	20.39	7.95	31.72	95.4	7.14	13.3	17.3
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	IS10	12:49:25	1.0	Surface	1	1	20.29	8.11	31.37	94.4	7.1	7.6	9.6
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	IS10	12:48:51	1.0	Surface	1	2	20.27	8.11	31.42	94.4	7.1	7.7	9.9
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	IS10	12:49:13	5.5	Middle	2	1	20.23	8.11	31.51	94	7.07	9.6	10.3
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	IS10	12:48:42	5.5	Middle	2	2	20.24	8.11	31.5	94.2	7.08	9.6	11.1
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	IS10	12:48:31	9.9	Bottom	3	1	20.25	8.11	31.54	94.3	7.09	9.6	11.4
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	IS10	12:49:02	9.9	Bottom	3	2	20.24	8.11	31.53	94.1	7.07	9.5	11.7
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	SR3	13:44:25	0.8	Middle	2	1	20.52	7.98	31.9	95.8	7.15	8.7	10
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	SR3	13:44:32	0.8	Middle	2	2	20.52	7.98	31.9	95.9	7.16	8.9	9.9
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	SR4	13:01:05	1.0	Surface	1	1	20.61	7.93	31.45	95.8	7.15	6.3	6.5
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	SR4	13:00:56	1.0	Surface	1	2	20.61	7.93	31.44	95.6	7.14	6.2	7.4
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	SR4	13:00:59	2.4	Bottom	3	1	20.61	7.93	31.42	95.7	7.15	6.3	6.4
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	SR4	13:00:48	2.4	Bottom	3	2	20.61	7.93	31.43	95.7	7.15	6.3	6.1
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	SR5	12:59:46	1.0	Surface	1	1	20.27	8.11	31.38	94.4	7.1	6.6	8
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	SR5	13:00:09	1.0	Surface	1	2	20.27	8.11	31.39	94.2	7.08	6.4	7.1
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	SR5	12:59:35	3.8	Bottom	3	1	20.25	8.11	31.44	94.3	7.09	6.5	11.8
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	SR5	12:59:58	3.8	Bottom	3	2	20.24	8.11	31.45	94	7.07	6.6	12.1
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	SR10A	11:53:27	1.0	Surface	1	1	20.54	7.89	32.11	90.7	6.76	6.6	6.4
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	SR10A	11:52:51	1.0	Surface	1	2	20.53	7.88	32.11	90.6	6.75	6.4	8.2
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	SR10A	11:53:14	3.3	Middle	2	1	20.53	7.89	32.12	90.5	6.74	6.8	7.6
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	SR10A	11:52:40	3.3	Middle	2	2	20.52	7.88	32.11	90.5	6.74	6.5	9
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	SR10A	11:53:03	5.5	Bottom	3	1	20.53	7.89	32.12	90.4	6.73	6.3	8.5
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	SR10A	11:52:33	5.5	Bottom	3	2	20.52	7.88	32.12	90.4	6.74	6.2	8
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	SR10B	11:39:56	1.0	Surface	1	1	20.57	7.86	32.17	90.6	6.74	6.6	9.3
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	SR10B	11:39:39	1.0	Surface	1	2	20.57	7.85	32.14	90.5	6.73	6.6	9
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	SR10B	11:39:30	4.6	Bottom	3	1	20.57	7.85	32.13	90.5	6.74	6.6	12.3
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	SR10B	11:39:48	4.6	Bottom	3	2	20.57	7.86	32.16	90.4	6.73	6.5	12.4
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	CS2	14:33:19	1.0	Surface	1	1	20.58	8.09	30.8	94.3	7.07	4.7	5.5
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	CS2	14:33:49	1.0	Surface	1	2	20.66	8.08	30.76	95	7.12	4.7	5.5
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	CS2	14:33:39	4.0	Middle	2	1	20.59	8.08	30.78	94.3	7.08	5	7.4
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	CS2	14:33:09	4.0	Middle	2	2	20.35	8.09	30.9	93.5	7.04	5.2	5.2
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	CS2	14:32:59	6.9	Bottom	3	1	20.28	8.09	30.96	93.4	7.04	6.1	7
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	CS2	14:33:28	6.9	Bottom	3	2	20.45	8.09	30.86	94	7.07	6.2	7.8
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	CS(Mf)5	12:24:47	1.0	Surface	1	1	20.46	7.9	31.31	91.4	6.85	7.4	6.1
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	CS(Mf)5	12:23:57	1.0	Surface	1	2	20.41	7.89	31.41	90.8	6.81	8.2	6.6
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	CS(Mf)5	12:24:29	6.9	Middle	2	1	20.42	7.9	31.96	90	6.73	11.5	7.1
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	CS(Mf)5	12:23:45	6.9	Middle	2	2	20.42	7.89	31.95	90.2	6.74	12	5.6
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	CS(Mf)5	12:24:16	12.7	Bottom	3	1	20.42	7.9	31.95	90.4	6.76	12	8.6
HKLR	HY/2011/03	2013-12-09	Mid-Flood	Sunny	CS(Mf)5	12:23:34	12.7	Bottom	3	2	20.42	7.89	31.93	90.8	6.79	10.7	7
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	IS5	08:35:55	1.0	Surface	1	1	20.35	7.95	31.49	94.9	7.12	6.1	7.6
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	IS5	08:36:28	1.0	Surface	1	2	20.37	7.95	31.52	94.8	7.11	6.2	8.3
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	IS5	08:36:19	4.4	Middle	2	1	20.46	7.98	31.8	94.8	7.09	6.3	7.6
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	IS5	08:35:44	4.4	Middle	2	2	20.51	7.99	31.95	95	7.09	6.1	7.7
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	IS5	08:35:35	7.8	Bottom	3	1	20.49	7.98	32.13	95	7.09	6.1	8.3
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	IS5	08:36:08	7.8	Bottom	3	2	20.5	7.99	32.14	94.9	7.07	6.1	9.1
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	IS(Mf)6	08:28:29	1.0	Surface	1	1	20.32	7.92	31.39	94.2	7.07	10.1	13.5
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	IS(Mf)6	08:28:08	1.0	Surface	1	2	20.31	7.92	31.39	94.4	7.1	9.9	14.4
HKLR	HY/2011/03		Mid-Ebb		IS(Mf)6			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		IS(Mf)6			Middle	2	2							
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	IS(Mf)6	08:28:16	2.1	Bottom	3	1	20.33	7.92	31.4	94.2	7.08	10.2	14.3
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	IS(Mf)6	08:27:55	2.1	Bottom	3	2	20.31	7.92	31.39	94.6	7.1	10.2	14.4
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	IS7	08:21:56	1.0	Surface	1	1	20.15	7.91	31.14	95.7	7.22	9.3	9.9
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	IS7	08:21:42	1.0	Surface	1	2	20.14	7.92	31.14	95.8	7.23	9.3	11.1
HKLR	HY/2011/03		Mid-Ebb		IS7			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		IS7			Middle	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	2013-12-11	Mid-Ebb	Fine	IS7	08:21:33	2.2	Bottom	3	1	20.14	7.91	31.15	95.8	7.23	9.4	12.6
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	IS7	08:21:49	2.2	Bottom	3	2	20.14	7.91	31.15	95.8	7.23	9.3	12.8
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	IS8	07:57:53	1.0	Surface	1	1	20.3	7.91	31.23	93	7	8.6	10.4
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	IS8	07:58:14	1.0	Surface	1	2	20.27	7.92	31.21	93.2	7.02	8.7	10.2
HKLR	HY/2011/03		Mid-Ebb		IS8			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		IS8			Middle	2	2							
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	IS8	07:58:02	3.1	Bottom	3	1	20.29	7.91	31.24	93.2	7.01	8.6	12.9
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	IS8	07:57:42	3.1	Bottom	3	2	20.36	7.9	31.32	93.3	7	8.5	12.9
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	IS(Mf)9	08:15:13	1.0	Surface	1	1	20.23	7.91	31.17	95.1	7.17	9.6	8.5
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	IS(Mf)9	08:14:56	1.0	Surface	1	2	20.22	7.91	31.17	95.3	7.18	9.6	8.9
HKLR	HY/2011/03		Mid-Ebb		IS(Mf)9			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		IS(Mf)9			Middle	2	2							
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	IS(Mf)9	08:15:04	2.6	Bottom	3	1	20.25	7.91	31.21	95.2	7.17	9.8	10.6
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	IS(Mf)9	08:14:46	2.6	Bottom	3	2	20.21	7.91	31.18	95.4	7.19	9.6	10.5
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	IS10	07:44:29	1.0	Surface	1	1	20.27	8.12	31.57	92.4	6.94	4	5.6
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	IS10	07:45:05	1.0	Surface	1	2	20.31	8.12	31.61	92.2	6.92	4.3	6.3
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	IS10	07:44:12	4.8	Middle	2	1	20.39	8.12	31.76	92	6.88	5.1	5
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	IS10	07:44:53	4.8	Middle	2	2	20.39	8.12	31.75	91.9	6.88	4.9	5.4
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	IS10	07:44:02	8.5	Bottom	3	1	20.42	8.12	31.83	92.2	6.89	5	4.8
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	IS10	07:44:45	8.5	Bottom	3	2	20.41	8.12	31.83	92.2	6.9	4.9	5.6
HKLR	HY/2011/03		Mid-Ebb		SR3			Surface	1	1							
HKLR	HY/2011/03		Mid-Ebb		SR3			Surface	1	2							
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	SR3	08:42:15	0.8	Middle	2	1	20.33	7.95	31.46	94.7	7.11	5.1	6.9
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	SR3	08:42:05	0.8	Middle	2	2	20.33	7.95	31.46	94.8	7.12	5.3	6
HKLR	HY/2011/03		Mid-Ebb		SR3			Bottom	3	1							
HKLR	HY/2011/03		Mid-Ebb		SR3			Bottom	3	2							
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	SR4	08:03:48	1.0	Surface	1	1	20.35	7.89	30.94	92	6.93	4.8	7.2
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	SR4	08:04:04	1.0	Surface	1	2	20.36	7.89	30.95	92	6.93	4.8	6.4
HKLR	HY/2011/03		Mid-Ebb		SR4			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		SR4			Middle	2	2							
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	SR4	08:03:56	2.6	Bottom	3	1	20.36	7.89	30.97	92.1	6.93	4.8	6.2
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	SR4	08:03:39	2.6	Bottom	3	2	20.37	7.89	30.98	92.1	6.93	4.9	7.1
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	SR5	07:55:12	1.0	Surface	1	1	20.27	8.12	31.57	92.5	6.95	3.9	4.4
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	SR5	07:54:45	1.0	Surface	1	2	20.28	8.12	31.58	92.4	6.94	4.1	5.2
HKLR	HY/2011/03		Mid-Ebb		SR5			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		SR5			Middle	2	2							
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	SR5	07:54:33	4.4	Bottom	3	1	20.39	8.12	31.78	92.4	6.91	4.6	7.9
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	SR5	07:54:57	4.4	Bottom	3	2	20.36	8.12	31.75	92.4	6.92	4.4	8
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	SR10A	06:50:48	1.0	Surface	1	1	20.69	7.94	32.64	90.8	6.72	2.3	6.2
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	SR10A	06:50:11	1.0	Surface	1	2	20.69	7.93	32.64	90.8	6.73	2.3	7.4
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	SR10A	06:50:39	3.3	Middle	2	1	20.7	7.93	32.65	90.6	6.71	2.3	5.8
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	SR10A	06:50:02	3.3	Middle	2	2	20.7	7.92	32.65	90.8	6.72	2.4	5.5
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	SR10A	06:50:29	5.5	Bottom	3	1	20.7	7.93	32.65	90.5	6.7	2.3	6
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	SR10A	06:49:50	5.5	Bottom	3	2	20.7	7.92	32.65	90.8	6.72	2.3	6.1
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	SR10B	06:41:37	1.0	Surface	1	1	20.73	7.92	32.59	89.9	6.66	2.4	6
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	SR10B	06:41:58	1.0	Surface	1	2	20.74	7.92	32.6	90	6.66	2.5	5.6
HKLR	HY/2011/03		Mid-Ebb		SR10B			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		SR10B			Middle	2	2							
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	SR10B	06:41:26	3.8	Bottom	3	1	20.73	7.91	32.6	89.9	6.66	2.3	7.2
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	SR10B	06:41:46	3.8	Bottom	3	2	20.73	7.92	32.61	89.8	6.65	2.5	7.3
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	CS2	09:12:33	1.0	Surface	1	1	20.2	8.12	31.25	94.5	7.12	5.1	6.5
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	CS2	09:13:16	1.0	Surface	1	2	20.2	8.12	31.25	94.3	7.1	4.5	6.9
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	CS2	09:12:20	3.5	Middle	2	1	20.21	8.12	31.26	94.2	7.09	4.6	5.8
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	CS2	09:13:03	3.5	Middle	2	2	20.22	8.12	31.26	94	7.08	4.8	6.6
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	CS2	09:12:53	5.9	Bottom	3	1	20.23	8.12	31.28	94	7.08	5.1	9.2
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	CS2	09:12:09	5.9	Bottom	3	2	20.22	8.12	31.28	94.1	7.09	5.1	8.3
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	CS(Mf)5	07:25:58	1.0	Surface	1	1	20.33	7.9	31.58	90.5	6.79	3.2	4.9
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	CS(Mf)5	07:25:12	1.0	Surface	1	2	20.3	7.9	31.53	90.9	6.83	3.3	5.9
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	CS(Mf)5	07:24:58	6.4	Middle	2	1	20.59	7.92	32.25	90.3	6.72	3.2	6
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	CS(Mf)5	07:25:47	6.4	Middle	2	2	20.59	7.91	32.29	90.3	6.71	3.2	5.8
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	CS(Mf)5	07:24:47	11.8	Bottom	3	1	20.66	7.93	32.57	91.1	6.76	3.4	7.4
HKLR	HY/2011/03	2013-12-11	Mid-Ebb	Fine	CS(Mf)5	07:25:33	11.8	Bottom	3	2	20.66	7.93	32.63	91.3	6.76	3.3	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	2013-12-11	Mid-Flood	Sunny	IS5	13:41:38	1.0	Surface	1	1	20.32	7.94	31.27	95.8	7.2	8.3	14.5
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	IS5	13:40:54	1.0	Surface	1	2	20.32	7.94	31.26	95.9	7.21	8.4	15.5
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	IS5	13:40:44	4.3	Middle	2	1	20.33	7.94	31.38	95.7	7.19	8.6	16.2
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	IS5	13:41:27	4.3	Middle	2	2	20.32	7.94	31.37	95.6	7.18	8.5	17
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	IS5	13:40:34	7.6	Bottom	3	1	20.33	7.94	31.4	95.7	7.19	8.4	15.9
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	IS5	13:41:18	7.6	Bottom	3	2	20.33	7.95	31.42	95.5	7.17	8.5	16.4
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	IS(Mf)6	13:48:29	1.0	Surface	1	1	20.34	7.93	31.16	97.1	7.3	9.7	13.3
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	IS(Mf)6	13:48:47	1.0	Surface	1	2	20.34	7.93	31.16	97	7.3	9.6	12.9
HKLR	HY/2011/03		Mid-Flood		IS(Mf)6			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		IS(Mf)6			Middle	2	2							
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	IS(Mf)6	13:48:18	2.2	Bottom	3	1	20.35	7.93	31.22	97.3	7.31	9.8	14.9
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	IS(Mf)6	13:48:37	2.2	Bottom	3	2	20.35	7.93	31.22	97	7.29	9.6	13.9
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	IS7	13:55:51	1.0	Surface	1	1	20.43	7.93	31.2	95.6	7.18	10.2	11.6
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	IS7	13:55:26	1.0	Surface	1	2	20.45	7.93	31.22	96	7.2	10.1	11.4
HKLR	HY/2011/03		Mid-Flood		IS7			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		IS7			Middle	2	2							
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	IS7	13:55:17	2.2	Bottom	3	1	20.39	7.92	31.21	96	7.21	10.3	12.4
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	IS7	13:55:38	2.2	Bottom	3	2	20.37	7.92	31.22	95.6	7.18	10.3	14
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	IS8	14:19:09	1.0	Surface	1	1	20.3	7.91	31.31	93.1	7	5.8	6.5
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	IS8	14:18:53	1.0	Surface	1	2	20.3	7.91	31.31	93.4	7.02	5.8	7.5
HKLR	HY/2011/03		Mid-Flood		IS8			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		IS8			Middle	2	2							
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	IS8	14:19:01	2.8	Bottom	3	1	20.29	7.91	31.33	93.1	7	5.7	6.7
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	IS8	14:18:44	2.8	Bottom	3	2	20.29	7.91	31.33	93.4	7.02	5.8	7.8
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	IS(Mf)9	14:02:18	1.0	Surface	1	1	20.36	7.93	31.21	95.5	7.17	10.4	11.3
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	IS(Mf)9	14:02:34	1.0	Surface	1	2	20.36	7.93	31.2	95.3	7.16	10.3	12.2
HKLR	HY/2011/03		Mid-Flood		IS(Mf)9			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		IS(Mf)9			Middle	2	2							
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	IS(Mf)9	14:02:26	2.8	Bottom	3	1	20.35	7.92	31.21	95.3	7.16	10.1	12.2
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	IS(Mf)9	14:02:11	2.8	Bottom	3	2	20.34	7.92	31.21	95.5	7.18	10.3	12.8
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	IS10	14:40:37	1.0	Surface	1	1	20.35	8.15	31.23	93.8	7.05	6.3	6.4
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	IS10	14:41:27	1.0	Surface	1	2	20.36	8.15	31.26	93.6	7.03	6.9	8.1
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	IS10	14:40:25	4.8	Middle	2	1	20.37	8.14	31.36	93.3	7.01	7.5	8.6
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	IS10	14:41:13	4.8	Middle	2	2	20.38	8.14	31.45	93.2	6.99	7.3	9.7
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	IS10	14:41:06	8.6	Bottom	3	1	20.38	8.14	31.45	93.4	7.01	8.4	12.8
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	IS10	14:40:12	8.6	Bottom	3	2	20.38	8.14	31.42	93.3	7	8.6	13
HKLR	HY/2011/03		Mid-Flood		SR3			Surface	1	1							
HKLR	HY/2011/03		Mid-Flood		SR3			Surface	1	2							
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	SR3	13:31:44	0.7	Middle	2	1	20.29	7.92	31.22	96.9	7.29	11.3	14.7
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	SR3	13:31:34	0.7	Middle	2	2	20.3	7.92	31.24	97.1	7.3	11	13.8
HKLR	HY/2011/03		Mid-Flood		SR3			Bottom	3	1							
HKLR	HY/2011/03		Mid-Flood		SR3			Bottom	3	2							
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	SR4	14:11:54	1.0	Surface	1	1	20.34	7.91	31.29	91.4	6.87	8.6	12.4
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	SR4	14:11:38	1.0	Surface	1	2	20.35	7.91	31.3	91.8	6.89	8.9	11.5
HKLR	HY/2011/03		Mid-Flood		SR4			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		SR4			Middle	2	2							
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	SR4	14:11:29	2.8	Bottom	3	1	20.35	7.91	31.33	91.8	6.9	9.2	11.8
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	SR4	14:11:45	2.8	Bottom	3	2	20.34	7.91	31.32	91.5	6.87	8.6	11.8
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	SR5	14:30:12	1.0	Surface	1	1	20.39	8.14	31.31	94.3	7.08	7	12.5
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	SR5	14:30:39	1.0	Surface	1	2	20.38	8.15	31.24	94.8	7.12	7.2	12.5
HKLR	HY/2011/03		Mid-Flood		SR5			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		SR5			Middle	2	2							
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	SR5	14:30:28	4.5	Bottom	3	1	20.37	8.15	31.28	94.4	7.09	7.8	13.3
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	SR5	14:29:56	4.5	Bottom	3	2	20.38	8.14	31.48	93.9	7.04	8.3	14.5
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	SR10A	15:27:36	1.0	Surface	1	1	20.73	7.95	32.72	90.5	6.69	2.8	4.6
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	SR10A	15:27:06	1.0	Surface	1	2	20.74	7.95	32.76	90.6	6.7	3	5.8
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	SR10A	15:26:55	3.4	Middle	2	1	20.75	7.95	32.84	90.7	6.7	3	5.1
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	SR10A	15:27:26	3.4	Middle	2	2	20.75	7.95	32.84	90.4	6.68	3	6.5
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	SR10A	15:27:16	5.8	Bottom	3	1	20.75	7.95	32.85	90.5	6.69	3	6.4
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	SR10A	15:26:46	5.8	Bottom	3	2	20.75	7.95	32.85	90.8	6.71	3	5.7
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	SR10B	15:35:50	1.0	Surface	1	1	20.74	7.96	32.74	90.4	6.68	2.8	4.3
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	SR10B	15:36:25	1.0	Surface	1	2	20.74	7.96	32.7	90.5	6.69	2.7	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		Mid-Flood		SR10B			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		SR10B			Middle	2	2							
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	SR10B	15:35:58	4.2	Bottom	3	1	20.74	7.96	32.81	90.2	6.67	2.8	6.2
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	SR10B	15:35:42	4.2	Bottom	3	2	20.74	7.96	32.81	90.3	6.68	2.8	5.1
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	CS2	13:13:44	1.0	Surface	1	1	20.28	8.2	31.21	95	7.15	7.2	6
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	CS2	13:14:23	1.0	Surface	1	2	20.27	8.19	31.19	94.2	7.09	7.6	6.6
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	CS2	13:13:30	3.3	Middle	2	1	20.28	8.21	31.29	94.8	7.13	9.2	7.5
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	CS2	13:14:10	3.3	Middle	2	2	20.28	8.19	31.26	93.9	7.06	9.4	6.5
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	CS2	13:13:15	5.5	Bottom	3	1	20.29	8.22	31.33	95.8	7.2	9.5	6.2
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	CS2	13:13:58	5.5	Bottom	3	2	20.28	8.2	31.27	94.4	7.1	8.7	6.9
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	CS(Mf)5	14:52:15	1.0	Surface	1	1	20.49	7.94	32.01	89.6	6.68	5.6	4.4
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	CS(Mf)5	14:51:39	1.0	Surface	1	2	20.54	7.93	32.1	89.6	6.67	5.7	4.7
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	CS(Mf)5	14:52:02	6.6	Middle	2	1	20.68	7.94	32.67	89.3	6.61	8.3	5
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	CS(Mf)5	14:51:28	6.6	Middle	2	2	20.67	7.93	32.65	89.6	6.63	8.5	5.4
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	CS(Mf)5	14:51:18	12.1	Bottom	3	1	20.66	7.93	32.66	90.1	6.68	8.6	4.1
HKLR	HY/2011/03	2013-12-11	Mid-Flood	Sunny	CS(Mf)5	14:51:53	12.1	Bottom	3	2	20.66	7.94	32.66	89.7	6.65	8.5	4.5
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	IS5	10:59:27	1.0	Surface	1	1	19.79	7.98	31.96	96.7	7.31	4.5	7.2
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	IS5	11:00:00	1.0	Surface	1	2	19.81	7.98	31.98	96.8	7.31	4.6	5.7
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	IS5	10:59:50	4.3	Middle	2	1	19.84	7.99	32.07	96.4	7.28	5.1	7.6
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	IS5	10:59:15	4.3	Middle	2	2	19.85	7.98	32.06	96.6	7.29	5.1	6.2
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	IS5	10:59:04	7.5	Bottom	3	1	19.85	7.98	32.15	96.7	7.29	5.1	6.7
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	IS5	10:59:39	7.5	Bottom	3	2	19.85	7.99	32.15	96.6	7.29	5.2	7.5
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	IS(Mf)6	10:51:52	1.0	Surface	1	1	19.79	7.96	31.88	96.7	7.31	6.6	8.8
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	IS(Mf)6	10:51:33	1.0	Surface	1	2	19.83	7.96	31.94	96.8	7.32	6.4	9
HKLR	HY/2011/03		Mid-Ebb		IS(Mf)6			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		IS(Mf)6			Middle	2	2							
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	IS(Mf)6	10:51:24	2.1	Bottom	3	1	19.85	7.96	31.99	97	7.33	6.8	8.1
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	IS(Mf)6	10:51:40	2.1	Bottom	3	2	19.85	7.97	32	96.7	7.3	6.6	7.1
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	IS7	10:45:15	1.0	Surface	1	1	19.69	7.95	31.64	97.4	7.39	3.8	7.2
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	IS7	10:44:55	1.0	Surface	1	2	19.69	7.95	31.64	97.7	7.42	3.7	7.1
HKLR	HY/2011/03		Mid-Ebb		IS7			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		IS7			Middle	2	2							
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	IS7	10:45:03	2.2	Bottom	3	1	19.69	7.95	31.65	97.5	7.4	3.8	7.2
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	IS7	10:44:43	2.2	Bottom	3	2	19.69	7.95	31.65	97.8	7.42	3.8	8.1
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	IS8	10:21:04	1.0	Surface	1	1	19.82	7.91	31.73	92.9	7.03	6.9	7.2
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	IS8	10:21:19	1.0	Surface	1	2	19.82	7.91	31.72	92.8	7.02	6.7	8
HKLR	HY/2011/03		Mid-Ebb		IS8			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		IS8			Middle	2	2							
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	IS8	10:21:11	3.1	Bottom	3	1	19.81	7.91	31.84	93	7.03	6.8	8.3
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	IS8	10:20:55	3.1	Bottom	3	2	19.9	7.91	31.96	93	7.02	6.8	7.1
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	IS(Mf)9	10:37:56	1.0	Surface	1	1	19.72	7.93	31.66	95.3	7.23	6.5	4.8
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	IS(Mf)9	10:38:12	1.0	Surface	1	2	19.72	7.93	31.66	95	7.21	6.6	4.5
HKLR	HY/2011/03		Mid-Ebb		IS(Mf)9			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		IS(Mf)9			Middle	2	2							
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	IS(Mf)9	10:37:47	2.5	Bottom	3	1	19.72	7.93	31.68	95.4	7.23	6.8	8
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	IS(Mf)9	10:38:04	2.5	Bottom	3	2	19.72	7.93	31.69	95.2	7.22	6.7	6.2
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	IS10	09:55:41	1.0	Surface	1	1	19.88	8.11	32.04	93.7	7.07	5.2	6.2
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	IS10	09:56:50	1.0	Surface	1	2	19.98	8.12	32.09	92.9	7	5.6	5.3
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	IS10	09:56:40	5.1	Middle	2	1	20.19	8.12	32.44	93.2	6.97	6	7
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	IS10	09:55:26	5.1	Middle	2	2	20.19	8.12	32.46	93.4	6.99	5.8	6.2
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	IS10	09:55:17	9.1	Bottom	3	1	20.16	8.12	32.47	93.5	7	5.6	9.6
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	IS10	09:56:28	9.1	Bottom	3	2	20.19	8.13	32.51	93.4	6.98	5.7	8
HKLR	HY/2011/03		Mid-Ebb		SR3			Surface	1	1							
HKLR	HY/2011/03		Mid-Ebb		SR3			Surface	1	2							
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	SR3	11:04:41	0.7	Middle	2	1	19.8	7.99	31.97	96.7	7.31	4.2	6.5
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	SR3	11:04:52	0.7	Middle	2	2	19.79	7.98	31.96	96.6	7.3	4.2	4.9
HKLR	HY/2011/03		Mid-Ebb		SR3			Bottom	3	1							
HKLR	HY/2011/03		Mid-Ebb		SR3			Bottom	3	2							
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	SR4	10:27:17	1.0	Surface	1	1	19.65	7.9	31.34	91.1	6.93	4.1	4.4
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	SR4	10:26:54	1.0	Surface	1	2	19.67	7.9	31.37	91.3	6.94	4.1	4.3
HKLR	HY/2011/03		Mid-Ebb		SR4			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		SR4			Middle	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	2013-12-13	Mid-Ebb	Cloudy	SR4	10:26:44	2.8	Bottom	3	1	19.7	7.89	31.48	91.7	6.96	4.3	5.9
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	SR4	10:27:05	2.8	Bottom	3	2	19.69	7.9	31.44	91.2	6.93	4.3	5.9
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	SR5	10:05:56	1.0	Surface	1	1	19.98	8.12	32.1	93.4	7.03	5.1	5.3
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	SR5	10:05:33	1.0	Surface	1	2	19.87	8.12	32.03	93.8	7.08	4.9	6.7
HKLR	HY/2011/03		Mid-Ebb		SR5			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		SR5			Middle	2	2							
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	SR5	10:05:45	4.7	Bottom	3	1	20.12	8.12	32.38	93.9	7.04	5.2	7.4
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	SR5	10:05:14	4.7	Bottom	3	2	20.17	8.12	32.4	93.6	7.01	5	8.1
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	SR10A	09:05:57	1.0	Surface	1	1	20.62	7.94	33.01	90	6.66	2.7	4.9
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	SR10A	09:06:27	1.0	Surface	1	2	20.61	7.94	32.99	90	6.66	2.8	4.5
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	SR10A	09:06:19	3.3	Middle	2	1	20.63	7.94	33.03	90	6.66	2.8	4.3
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	SR10A	09:05:44	3.3	Middle	2	2	20.63	7.94	33.04	90.2	6.67	3	4.2
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	SR10A	09:06:07	5.5	Bottom	3	1	20.64	7.94	33.06	90	6.65	2.9	7
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	SR10A	09:05:32	5.5	Bottom	3	2	20.63	7.94	33.05	90.1	6.67	2.9	6.3
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	SR10B	08:59:50	1.0	Surface	1	1	20.63	7.91	32.97	91	6.73	3.2	6.3
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	SR10B	09:00:07	1.0	Surface	1	2	20.63	7.91	32.98	90.7	6.71	3.1	6.7
HKLR	HY/2011/03		Mid-Ebb		SR10B			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		SR10B			Middle	2	2							
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	SR10B	08:59:40	3.8	Bottom	3	1	20.63	7.91	32.96	91.2	6.75	3.3	8.7
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	SR10B	08:59:58	3.8	Bottom	3	2	20.63	7.91	32.98	90.8	6.72	3.2	6.7
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	CS2	11:18:46	1.0	Surface	1	1	20.08	8.13	32.28	95.2	7.15	4.6	9.3
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	CS2	11:18:11	1.0	Surface	1	2	20.1	8.13	32.29	95.1	7.14	4.7	7.6
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	CS2	11:18:33	3.5	Middle	2	1	20.01	8.15	32.33	95.4	7.16	4	10
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	CS2	11:17:56	3.5	Middle	2	2	20.01	8.15	32.34	95.3	7.16	4	9.6
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	CS2	11:18:23	6.0	Bottom	3	1	20.01	8.15	32.36	94.8	7.12	4.5	8.8
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	CS2	11:17:44	6.0	Bottom	3	2	20	8.15	32.38	94.6	7.1	4.3	9.4
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	CS(Mf)5	09:38:49	1.0	Surface	1	1	20.25	7.89	32.39	90.6	6.77	2.7	6.1
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	CS(Mf)5	09:39:29	1.0	Surface	1	2	20.31	7.9	32.54	90.5	6.75	2.7	5.5
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	CS(Mf)5	09:38:37	6.4	Middle	2	1	20.54	7.9	32.98	90.7	6.72	2.7	5.3
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	CS(Mf)5	09:39:16	6.4	Middle	2	2	20.59	7.91	33.07	90.4	6.69	2.8	4.5
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	CS(Mf)5	09:39:04	11.8	Bottom	3	1	20.57	7.91	33.08	90.8	6.72	2.8	5
HKLR	HY/2011/03	2013-12-13	Mid-Ebb	Cloudy	CS(Mf)5	09:38:20	11.8	Bottom	3	2	20.57	7.9	33.07	91.1	6.74	2.7	4.7
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	IS5	14:54:54	1.0	Surface	1	1	19.84	7.99	31.96	96.9	7.32	5.8	7.1
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	IS5	14:55:26	1.0	Surface	1	2	19.83	7.99	31.93	96.9	7.32	5.6	7.4
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	IS5	14:55:16	4.2	Middle	2	1	19.86	8	32.11	96.6	7.29	5.6	8.3
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	IS5	14:54:44	4.2	Middle	2	2	19.86	7.99	32.13	96.7	7.29	5.7	10.2
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	IS5	14:54:37	7.3	Bottom	3	1	19.85	7.99	32.13	96.9	7.31	5.7	10.7
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	IS5	14:55:04	7.3	Bottom	3	2	19.85	7.99	32.12	96.8	7.3	5.7	11
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	IS(Mf)6	15:02:10	1.0	Surface	1	1	19.72	7.96	31.69	97.7	7.41	14.5	11.4
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	IS(Mf)6	15:01:54	1.0	Surface	1	2	19.73	7.96	31.71	97.8	7.41	14.1	11.4
HKLR	HY/2011/03		Mid-Flood		IS(Mf)6			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		IS(Mf)6			Middle	2	2							
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	IS(Mf)6	15:01:42	2.1	Bottom	3	1	19.76	7.96	31.78	97.9	7.42	14.2	12.1
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	IS(Mf)6	15:02:00	2.1	Bottom	3	2	19.74	7.96	31.76	97.8	7.41	14.2	13.8
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	IS7	15:09:05	1.0	Surface	1	1	19.7	7.96	31.66	99.1	7.52	5.3	6
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	IS7	15:08:50	1.0	Surface	1	2	19.71	7.96	31.66	99	7.51	5.6	7.5
HKLR	HY/2011/03		Mid-Flood		IS7			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		IS7			Middle	2	2							
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	IS7	15:08:56	2.2	Bottom	3	1	19.71	7.96	31.67	99.2	7.52	5.1	8
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	IS7	15:08:41	2.2	Bottom	3	2	19.71	7.96	31.68	99.5	7.54	5.4	7.2
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	IS8	15:34:16	1.0	Surface	1	1	19.87	7.94	31.84	94.1	7.11	8.3	8.9
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	IS8	15:34:28	1.0	Surface	1	2	19.87	7.93	31.85	94.1	7.11	8.5	9.4
HKLR	HY/2011/03		Mid-Flood		IS8			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		IS8			Middle	2	2							
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	IS8	15:34:22	3.0	Bottom	3	1	19.86	7.94	31.93	94.6	7.14	8.8	11.1
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	IS8	15:34:09	3.0	Bottom	3	2	19.84	7.94	31.91	94.3	7.12	8.9	11.2
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	IS(Mf)9	15:15:20	1.0	Surface	1	1	19.88	7.96	31.87	95.2	7.19	15.9	11.4
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	IS(Mf)9	15:15:36	1.0	Surface	1	2	19.87	7.96	31.86	95.2	7.19	15.8	11.9
HKLR	HY/2011/03		Mid-Flood		IS(Mf)9			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		IS(Mf)9			Middle	2	2							
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	IS(Mf)9	15:15:12	2.7	Bottom	3	1	19.89	7.96	31.98	95.4	7.2	16.1	14.1
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	IS(Mf)9	15:15:27	2.7	Bottom	3	2	19.88	7.97	31.97	95.3	7.19	15.8	14.1

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	2013-12-13	Mid-Flood	Fine	IS10	15:58:10	1.0	Surface	1	1	20.15	8.13	32.34	96.9	7.26	3.1	7.3
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	IS10	15:57:39	1.0	Surface	1	2	20.16	8.13	32.34	97	7.27	3.1	6.4
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	IS10	15:57:28	5.1	Middle	2	1	20.1	8.13	32.34	96.8	7.26	3.8	5.3
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	IS10	15:58:00	5.1	Middle	2	2	20.1	8.14	32.34	96.7	7.26	3.7	6.5
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	IS10	15:57:48	9.2	Bottom	3	1	20.08	8.14	32.33	96.5	7.24	5.2	5.3
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	IS10	15:57:13	9.2	Bottom	3	2	20.06	8.14	32.33	96.8	7.27	5	5.6
HKLR	HY/2011/03		Mid-Flood		SR3			Surface	1	1							
HKLR	HY/2011/03		Mid-Flood		SR3			Surface	1	2							
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	SR3	14:45:50	0.7	Middle	2	1	19.8	7.97	31.86	99.2	7.5	6.9	8.8
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	SR3	14:45:58	0.7	Middle	2	2	19.8	7.97	31.87	98.9	7.48	6.9	9.3
HKLR	HY/2011/03		Mid-Flood		SR3			Bottom	3	1							
HKLR	HY/2011/03		Mid-Flood		SR3			Bottom	3	2							
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	SR4	15:27:03	1.0	Surface	1	1	19.88	7.92	31.81	92.9	7.02	4.8	5.6
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	SR4	15:27:28	1.0	Surface	1	2	19.91	7.92	31.83	91.9	6.94	4.7	5.1
HKLR	HY/2011/03		Mid-Flood		SR4			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		SR4			Middle	2	2							
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	SR4	15:27:19	2.8	Bottom	3	1	19.91	7.93	31.85	92.1	6.95	5.4	6.2
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	SR4	15:26:51	2.8	Bottom	3	2	19.89	7.92	31.83	93.2	7.04	5.4	5.6
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	SR5	15:47:58	1.0	Surface	1	1	20.16	8.11	32.32	97.4	7.3	2.5	4.9
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	SR5	15:48:24	1.0	Surface	1	2	20.16	8.12	32.33	97.2	7.28	2.5	3.4
HKLR	HY/2011/03		Mid-Flood		SR5			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		SR5			Middle	2	2							
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	SR5	15:48:12	4.4	Bottom	3	1	20.1	8.12	32.33	97	7.28	2.5	5.7
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	SR5	15:47:41	4.4	Bottom	3	2	20.09	8.12	32.33	97.2	7.29	2.6	3.7
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	SR10A	16:46:50	1.0	Surface	1	1	20.63	7.97	33.23	90.2	6.66	3	3.8
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	SR10A	16:47:31	1.0	Surface	1	2	20.63	7.98	33.23	90.1	6.66	3	3.9
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	SR10A	16:47:21	3.3	Middle	2	1	20.63	7.98	33.23	90	6.65	3.2	5.2
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	SR10A	16:46:39	3.3	Middle	2	2	20.63	7.97	33.23	90.1	6.66	3	6.5
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	SR10A	16:46:27	5.5	Bottom	3	1	20.63	7.97	33.23	90.2	6.66	3.1	6.5
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	SR10A	16:47:04	5.5	Bottom	3	2	20.63	7.97	33.24	89.9	6.65	3.2	7.3
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	SR10B	16:56:04	1.0	Surface	1	1	20.63	7.98	33.24	90.1	6.66	3.1	5.1
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	SR10B	16:56:20	1.0	Surface	1	2	20.63	7.98	33.24	90	6.65	3.2	5.8
HKLR	HY/2011/03		Mid-Flood		SR10B			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		SR10B			Middle	2	2							
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	SR10B	16:56:13	4.3	Bottom	3	1	20.63	7.98	33.25	90	6.65	3	4.9
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	SR10B	16:55:56	4.3	Bottom	3	2	20.63	7.98	33.25	90.1	6.66	3.1	6
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	CS2	14:29:01	1.0	Surface	1	1	20.06	8.1	32.34	99.4	7.46	3.3	3.7
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	CS2	14:28:29	1.0	Surface	1	2	20.05	8.1	32.35	101.1	7.59	3.1	4.2
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	CS2	14:28:49	3.4	Middle	2	1	20.06	8.11	32.35	99.6	7.47	3.3	5.1
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	CS2	14:28:21	3.4	Middle	2	2	20.05	8.11	32.38	101.4	7.61	3.5	4.3
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	CS2	14:28:40	5.7	Bottom	3	1	20.05	8.12	32.35	100.3	7.52	4.4	4.4
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	CS2	14:28:07	5.7	Bottom	3	2	20.05	8.1	32.53	103.4	7.75	4.2	4.6
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	CS(Mf)5	16:14:21	1.0	Surface	1	1	20.39	7.97	32.69	90.8	6.76	3.2	4.8
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	CS(Mf)5	16:13:27	1.0	Surface	1	2	20.4	7.97	32.69	91.2	6.79	3.4	6.2
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	CS(Mf)5	16:14:07	6.6	Middle	2	1	20.55	7.97	33.05	89.6	6.64	3.9	4.8
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	CS(Mf)5	16:13:17	6.6	Middle	2	2	20.52	7.97	32.98	90.6	6.72	3.6	4.3
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	CS(Mf)5	16:13:04	12.1	Bottom	3	1	20.55	7.97	33.08	91.4	6.77	3.7	4.2
HKLR	HY/2011/03	2013-12-13	Mid-Flood	Fine	CS(Mf)5	16:13:56	12.1	Bottom	3	2	20.58	7.95	33.05	89.6	6.63	3.7	4.7
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	IS5	11:08:59	1.0	Surface	1	1	19.42	8	32.23	93.9	7.13	7.3	9.2
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	IS5	11:08:37	1.0	Surface	1	2	19.42	7.99	32.27	93.9	7.13	7.3	8.8
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	IS5	11:08:51	4.8	Middle	2	1	19.44	7.99	32.39	93.8	7.12	7.6	9.7
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	IS5	11:08:29	4.8	Middle	2	2	19.44	7.98	32.36	93.8	7.12	7.4	10.7
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	IS5	11:08:22	8.5	Bottom	3	1	19.43	7.98	32.36	93.7	7.11	7.4	14.1
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	IS5	11:08:46	8.5	Bottom	3	2	19.43	7.99	32.36	93.7	7.11	7.6	13.5
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	IS(Mf)6	11:15:07	1.0	Surface	1	1	19.25	7.99	32.16	96.1	7.33	5.9	8.4
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	IS(Mf)6	11:15:16	1.0	Surface	1	2	19.3	8	32.24	95.4	7.28	5.8	8.6
HKLR	HY/2011/03		Mid-Ebb		IS(Mf)6			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		IS(Mf)6			Middle	2	2							
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	IS(Mf)6	11:15:03	2.7	Bottom	3	1	19.19	7.99	32.15	95.7	7.3	5.8	10.1
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	IS(Mf)6	11:15:11	2.7	Bottom	3	2	19.22	7.99	32.14	95.1	7.25	5.8	10.7
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	IS7	11:21:11	1.0	Surface	1	1	19.26	7.99	32.23	101.2	7.72	10.9	15.6
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	IS7	11:21:19	1.0	Surface	1	2	19.3	7.99	32.26	98.9	7.54	11.6	16.4

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		Mid-Ebb		IS7			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		IS7			Middle	2	2							
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	IS7	11:21:07	2.9	Bottom	3	1	19.24	7.99	32.22	99.9	7.61	11.1	16.9
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	IS7	11:21:15	2.9	Bottom	3	2	19.26	7.99	32.24	97.9	7.46	11.5	17
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	IS8	11:40:24	1.0	Surface	1	1	19.62	7.98	32.55	92.3	6.97	7.6	11.6
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	IS8	11:40:16	1.0	Surface	1	2	19.66	7.98	32.58	92.6	6.99	7.4	11.9
HKLR	HY/2011/03		Mid-Ebb		IS8			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		IS8			Middle	2	2							
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	IS8	11:40:20	2.6	Bottom	3	1	19.63	7.98	32.57	92.3	6.97	7.4	12.2
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	IS8	11:40:12	2.6	Bottom	3	2	19.64	7.98	32.65	92.4	6.98	7.5	12.6
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	IS(Mf)9	11:27:07	1.0	Surface	1	1	19.51	7.98	32.37	99.4	7.54	8.5	14.5
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	IS(Mf)9	11:27:15	1.0	Surface	1	2	19.5	7.98	32.37	97.5	7.4	8.4	13.9
HKLR	HY/2011/03		Mid-Ebb		IS(Mf)9			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		IS(Mf)9			Middle	2	2							
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	IS(Mf)9	11:27:04	2.5	Bottom	3	1	19.51	7.98	32.38	98.4	7.46	8.6	14.1
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	IS(Mf)9	11:27:11	2.5	Bottom	3	2	19.48	7.98	32.37	96.9	7.35	8.4	15.1
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	IS10	12:24:45	1.0	Surface	1	1	19.67	8.18	32.97	94.5	7.12	6	13.3
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	IS10	12:23:42	1.0	Surface	1	2	19.68	8.18	32.97	94.4	7.11	6.1	14.1
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	IS10	12:24:27	5.3	Middle	2	1	19.71	8.18	33	94.1	7.08	6.2	13.8
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	IS10	12:23:27	5.3	Middle	2	2	19.73	8.18	33.01	94	7.07	6.1	14.7
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	IS10	12:24:13	9.6	Bottom	3	1	19.75	8.18	33.05	94.2	7.08	6.4	14.3
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	IS10	12:23:14	9.6	Bottom	3	2	19.77	8.18	33.07	94.2	7.08	6.1	13.5
HKLR	HY/2011/03		Mid-Ebb		SR3			Surface	1	1							
HKLR	HY/2011/03		Mid-Ebb		SR3			Surface	1	2							
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	SR3	11:01:36	1.0	Middle	2	1	19.35	7.93	32.15	102.7	7.82	7	13
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	SR3	11:01:39	1.0	Middle	2	2	19.35	7.93	32.15	102.6	7.81	6.9	12.2
HKLR	HY/2011/03		Mid-Ebb		SR3			Bottom	3	1							
HKLR	HY/2011/03		Mid-Ebb		SR3			Bottom	3	2							
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	SR4	11:34:21	1.0	Surface	1	1	19.59	7.97	32.51	98.6	7.46	7.4	14.3
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	SR4	11:34:28	1.0	Surface	1	2	19.6	7.98	32.57	96.2	7.28	7.5	14.4
HKLR	HY/2011/03		Mid-Ebb		SR4			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		SR4			Middle	2	2							
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	SR4	11:34:24	2.8	Bottom	3	1	19.56	7.97	32.51	95.7	7.24	7.4	15.2
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	SR4	11:34:15	2.8	Bottom	3	2	19.56	7.97	32.52	97	7.34	7.4	14
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	SR5	12:12:20	1.0	Surface	1	1	19.67	8.17	32.98	95.3	7.17	6.1	13.8
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	SR5	12:11:58	1.0	Surface	1	2	19.66	8.17	32.97	95.6	7.2	6.2	15
HKLR	HY/2011/03		Mid-Ebb		SR5			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		SR5			Middle	2	2							
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	SR5	12:11:47	3.5	Bottom	3	1	19.67	8.17	32.99	95.9	7.22	6.3	14.8
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	SR5	12:12:10	3.5	Bottom	3	2	19.7	8.17	33.01	95.4	7.18	6.2	14.5
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	SR10A	12:47:21	1.0	Surface	1	1	20.04	7.99	33	94.2	7.31	5.1	11.3
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	SR10A	12:47:50	1.0	Surface	1	2	20.04	7.99	33	94.1	7.3	5.1	12
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	SR10A	12:47:12	3.1	Middle	2	1	20.04	7.99	33	94	7.3	5.1	13.4
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	SR10A	12:47:40	3.1	Middle	2	2	20.05	7.99	33	94	7.3	5.3	14.5
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	SR10A	12:47:31	5.1	Bottom	3	1	20.05	7.99	33	93.9	7.29	5.4	14.3
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	SR10A	12:47:04	5.1	Bottom	3	2	20.04	8	33	94	7.3	5.3	14.5
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	SR10B	12:52:30	1.0	Surface	1	1	20.03	7.99	33	95	7.38	4.9	10.2
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	SR10B	12:52:57	1.0	Surface	1	2	20.03	7.99	33	94.6	7.34	5.2	9.9
HKLR	HY/2011/03		Mid-Ebb		SR10B			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		SR10B			Middle	2	2							
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	SR10B	12:52:43	3.4	Bottom	3	1	20.03	7.99	33	94.5	7.34	5.2	11.5
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	SR10B	12:52:19	3.4	Bottom	3	2	20.03	7.99	33	94.8	7.36	5.2	11.8
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	CS2	10:54:22	1.0	Surface	1	1	19.67	8.15	32.97	94.8	7.14	7.5	14.7
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	CS2	10:53:33	1.0	Surface	1	2	19.69	8.14	32.99	95.8	7.21	7.9	13.8
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	CS2	10:53:21	4.1	Middle	2	1	19.73	8.14	33.03	96.3	7.24	8.8	13.9
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	CS2	10:54:06	4.1	Middle	2	2	19.73	8.15	33.02	94.7	7.12	8.6	14.9
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	CS2	10:53:54	7.1	Bottom	3	1	19.77	8.15	33.07	94.9	7.13	9.2	14.3
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	CS2	10:52:59	7.1	Bottom	3	2	19.78	8.13	33.08	99.2	7.45	9.2	14.3
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	CS(Mf)5	12:14:28	1.0	Surface	1	1	20.8	8.01	33.04	97.2	7.55	4.7	10.4
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	CS(Mf)5	12:15:31	1.0	Surface	1	2	20.07	8.01	33.04	97.3	7.55	4.8	10.8
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	CS(Mf)5	12:15:10	6.6	Middle	2	1	20.08	8.01	33.04	96.9	7.5	5.1	10.4
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	CS(Mf)5	12:14:07	6.6	Middle	2	2	20.1	8.01	33.05	96.6	7.49	4.9	10.4

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	2013-12-16	Mid-Ebb	Rainy	CS(Mf)5	12:14:49	12.1	Bottom	3	1	20.1	8.01	33.05	96.6	7.49	5.3	11.7
HKLR	HY/2011/03	2013-12-16	Mid-Ebb	Rainy	CS(Mf)5	12:13:46	12.1	Bottom	3	2	20.12	8.01	33.05	96.3	7.47	5.1	12.2
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	IS5	07:46:38	1.0	Surface	1	1	19.43	8.04	32.31	94.4	7.17	8	11.2
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	IS5	07:46:16	1.0	Surface	1	2	19.42	8.03	32.31	95	7.21	7.6	10.6
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	IS5	07:46:32	4.8	Middle	2	1	19.44	8.04	32.37	94.3	7.16	8.2	10.6
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	IS5	07:46:11	4.8	Middle	2	2	19.44	8.03	32.37	94.7	7.19	7.8	11.5
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	IS5	07:46:28	8.5	Bottom	3	1	19.42	8.04	32.37	94.3	7.15	7.8	13.9
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	IS5	07:46:05	8.5	Bottom	3	2	19.4	8.03	32.36	94.7	7.19	7.5	13.4
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	IS(Mf)6	07:39:17	1.0	Surface	1	1	19.31	8.03	32.37	97.2	7.38	11.8	14
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	IS(Mf)6	07:38:57	1.0	Surface	1	2	19.38	8.03	32.4	98.6	7.5	12.2	13.2
HKLR	HY/2011/03		Mid-Flood		IS(Mf)6			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		IS(Mf)6			Middle	2	2							
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	IS(Mf)6	07:38:54	2.4	Bottom	3	1	19.37	8.03	32.4	97.9	7.44	12.2	14.5
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	IS(Mf)6	07:39:01	2.4	Bottom	3	2	19.36	8.03	32.39	96.2	7.32	12	14.3
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	IS7	07:32:51	1.0	Surface	1	1	19.4	8.01	32.36	96.9	7.36	15.5	18
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	IS7	07:33:00	1.0	Surface	1	2	19.4	8.01	32.36	96	7.29	15.1	18.9
HKLR	HY/2011/03		Mid-Flood		IS7			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		IS7			Middle	2	2							
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	IS7	07:32:47	2.2	Bottom	3	1	19.39	8.01	32.36	96.3	7.32	15.9	18.2
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	IS7	07:32:55	2.2	Bottom	3	2	19.39	8.01	32.36	95.4	7.25	15.2	18.4
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	IS8	07:09:45	1.0	Surface	1	1	19.62	7.99	32.41	96.6	7.3	6.8	12.1
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	IS8	07:09:58	1.0	Surface	1	2	19.62	7.99	32.41	95	7.18	6.8	12.3
HKLR	HY/2011/03		Mid-Flood		IS8			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		IS8			Middle	2	2							
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	IS8	07:09:51	2.7	Bottom	3	1	19.62	7.99	32.41	94.3	7.13	6.7	16.2
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	IS8	07:09:40	2.7	Bottom	3	2	19.62	7.99	32.41	95.7	7.24	7	16.7
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	IS(Mf)9	07:26:34	1.0	Surface	1	1	19.66	7.98	32.49	98.6	7.45	13.2	14.1
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	IS(Mf)9	07:26:48	1.0	Surface	1	2	19.66	7.99	32.48	96.5	7.29	13.3	14.7
HKLR	HY/2011/03		Mid-Flood		IS(Mf)9			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		IS(Mf)9			Middle	2	2							
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	IS(Mf)9	07:26:30	2.8	Bottom	3	1	19.66	7.98	32.49	97.4	7.36	13.4	17.1
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	IS(Mf)9	07:26:38	2.8	Bottom	3	2	19.66	7.99	32.48	95.1	7.18	13.5	16.5
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	IS10	07:04:23	1.0	Surface	1	1	19.76	8.2	33.05	94.8	7.13	12.3	25
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	IS10	07:03:36	1.0	Surface	1	2	19.75	8.2	33.06	95	7.14	12.4	24.3
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	IS10	07:03:19	5.2	Middle	2	1	19.78	8.2	33.08	94.8	7.12	12.7	23.4
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	IS10	07:04:04	5.2	Middle	2	2	19.78	8.2	33.08	94.6	7.11	12.6	24.6
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	IS10	07:03:48	9.4	Bottom	3	1	19.78	8.2	33.08	94.6	7.11	12.6	25.6
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	IS10	07:03:09	9.4	Bottom	3	2	19.78	8.2	33.09	94.7	7.11	12.8	24.9
HKLR	HY/2011/03		Mid-Flood		SR3			Surface	1	1							
HKLR	HY/2011/03		Mid-Flood		SR3			Surface	1	2							
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	SR3	07:53:09	0.8	Middle	2	1	19.33	8.03	32.21	94.1	7.16	5.8	10.7
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	SR3	07:53:11	0.8	Middle	2	2	19.33	8.03	32.21	94.1	7.16	5.8	10.9
HKLR	HY/2011/03		Mid-Flood		SR3			Bottom	3	1							
HKLR	HY/2011/03		Mid-Flood		SR3			Bottom	3	2							
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	SR4	07:15:35	1.0	Surface	1	1	19.54	7.97	32.1	93.6	7.1	7.2	10.4
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	SR4	07:15:26	1.0	Surface	1	2	19.54	7.97	32.1	95.1	7.22	7.6	10.9
HKLR	HY/2011/03		Mid-Flood		SR4			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		SR4			Middle	2	2							
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	SR4	07:15:22	2.6	Bottom	3	1	19.54	7.97	32.1	94.3	7.15	7.7	13.3
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	SR4	07:15:31	2.6	Bottom	3	2	19.54	7.97	32.1	93	7.06	7.3	13.8
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	SR5	07:14:36	1.0	Surface	1	1	19.74	8.2	33.04	94.5	7.11	13.2	20.7
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	SR5	07:14:04	1.0	Surface	1	2	19.75	8.2	33.05	94.6	7.11	13.1	19.6
HKLR	HY/2011/03		Mid-Flood		SR5			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		SR5			Middle	2	2							
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	SR5	07:13:55	3.6	Bottom	3	1	19.76	8.2	33.05	94.6	7.11	13.2	20.2
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	SR5	07:14:24	3.6	Bottom	3	2	19.74	8.2	33.05	94.5	7.1	13.1	20.4
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	SR10A	06:13:09	1.0	Surface	1	1	20.33	7.93	33.04	90	6.69	5	9.6
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	SR10A	06:12:55	1.0	Surface	1	2	20.33	7.93	33.04	91.4	6.8	5	8.6
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	SR10A	06:13:05	3.2	Middle	2	1	20.33	7.93	33.04	89.7	6.67	5.1	9.6
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	SR10A	06:12:49	3.2	Middle	2	2	20.33	7.93	33.05	91	6.77	5.3	9.7
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	SR10A	06:13:02	5.3	Bottom	3	1	20.33	7.93	33.04	89.7	6.67	5.3	11.4
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	SR10A	06:12:46	5.3	Bottom	3	2	20.32	7.93	33.04	90.5	6.73	5.2	10.9

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	2013-12-16	Mid-Flood	Rainy	SR10B	06:07:05	1.0	Surface	1	1	20.31	7.89	32.95	89.8	6.69	5.3	9.3
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	SR10B	06:06:55	1.0	Surface	1	2	20.31	7.88	32.92	90.1	6.71	5.7	8.5
HKLR	HY/2011/03		Mid-Flood		SR10B			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		SR10B			Middle	2	2							
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	SR10B	06:06:50	4.2	Bottom	3	1	20.31	7.88	32.92	90	6.7	5.5	11.1
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	SR10B	06:07:00	4.2	Bottom	3	2	20.31	7.89	32.94	89.6	6.67	5.4	10.5
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	CS2	08:37:09	1.0	Surface	1	1	19.79	8.21	33.23	95.2	7.14	8.6	14.6
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	CS2	08:36:42	1.0	Surface	1	2	19.79	8.21	33.24	95.2	7.14	8.9	14.6
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	CS2	08:37:01	4.0	Middle	2	1	19.81	8.22	33.27	95.1	7.13	8.6	15.5
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	CS2	08:36:32	4.0	Middle	2	2	19.8	8.21	33.25	95.1	7.14	8.6	14.4
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	CS2	08:36:20	7.0	Bottom	3	1	19.81	8.21	33.28	95	7.13	9.6	22.4
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	CS2	08:36:52	7.0	Bottom	3	2	19.8	8.21	33.27	95	7.13	9.5	21.4
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	CS(Mf)5	06:41:13	1.0	Surface	1	1	20.21	7.99	33.02	89.8	6.69	9	10.1
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	CS(Mf)5	06:42:04	1.0	Surface	1	2	20.16	8	33.05	90.2	6.73	8.6	11.1
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	CS(Mf)5	06:41:03	6.5	Middle	2	1	20.21	7.99	33.02	89.4	6.67	9.1	10.2
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	CS(Mf)5	06:41:40	6.5	Middle	2	2	20.21	8	33.02	89.4	6.67	9	9.9
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	CS(Mf)5	06:41:27	11.9	Bottom	3	1	20.2	8	33.01	89.3	6.66	8.9	14.9
HKLR	HY/2011/03	2013-12-16	Mid-Flood	Rainy	CS(Mf)5	06:40:56	11.9	Bottom	3	2	20.21	7.99	33.02	89.4	6.66	9.1	13.3
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	IS5	12:15:11	1.0	Surface	1	1	17.93	7.97	31.34	93.8	7.38	10.1	16.1
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	IS5	12:14:45	1.0	Surface	1	2	17.91	7.96	31.33	93.8	7.38	10.6	15.3
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	IS5	12:14:37	4.6	Middle	2	1	17.91	7.96	31.34	93.9	7.39	10.7	16.9
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	IS5	12:15:04	4.6	Middle	2	2	17.91	7.96	31.34	93.5	7.35	10.6	16.6
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	IS5	12:14:29	8.1	Bottom	3	1	17.9	7.96	31.33	93.7	7.37	11.4	17.2
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	IS5	12:14:55	8.1	Bottom	3	2	17.92	7.96	31.35	93.7	7.37	11	18
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	IS(Mf)6	12:22:04	1.0	Surface	1	1	17.87	7.95	31.15	95.8	7.55	20.8	13.2
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	IS(Mf)6	12:21:54	1.0	Surface	1	2	17.87	7.95	31.17	96.1	7.58	20.6	12.6
HKLR	HY/2011/03		Mid-Ebb		IS(Mf)6			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		IS(Mf)6			Middle	2	2							
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	IS(Mf)6	12:21:48	2.4	Bottom	3	1	17.87	7.95	31.15	96.2	7.58	21.4	16.9
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	IS(Mf)6	12:21:58	2.4	Bottom	3	2	17.86	7.95	31.16	95.9	7.55	21.6	17.2
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	IS7	12:29:19	1.0	Surface	1	1	18.12	7.98	31.65	95.5	7.47	10	17.1
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	IS7	12:29:05	1.0	Surface	1	2	18.11	7.97	31.63	95.8	7.5	10.2	16.5
HKLR	HY/2011/03		Mid-Ebb		IS7			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		IS7			Middle	2	2							
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	IS7	12:28:59	2.4	Bottom	3	1	18.1	7.97	31.62	96	7.51	10.6	19.1
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	IS7	12:29:12	2.4	Bottom	3	2	18.11	7.97	31.65	95.7	7.48	10.4	19.5
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	IS8	12:59:20	1.0	Surface	1	1	17.96	7.98	31.44	95.9	7.54	6.7	10.5
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	IS8	12:59:38	1.0	Surface	1	2	17.96	7.98	31.45	95.7	7.52	6.6	9.8
HKLR	HY/2011/03		Mid-Ebb		IS8			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		IS8			Middle	2	2							
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	IS8	12:59:10	2.5	Bottom	3	1	17.95	7.98	31.43	95.8	7.52	7	9
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	IS8	12:59:27	2.5	Bottom	3	2	17.96	7.98	31.47	95.7	7.51	6.9	10.3
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	IS(Mf)9	12:35:31	1.0	Surface	1	1	18.11	7.97	31.68	95.1	7.44	13.4	11.4
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	IS(Mf)9	12:35:19	1.0	Surface	1	2	18.11	7.97	31.68	95.5	7.47	13.4	10.6
HKLR	HY/2011/03		Mid-Ebb		IS(Mf)9			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		IS(Mf)9			Middle	2	2							
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	IS(Mf)9	12:35:11	2.4	Bottom	3	1	18.1	7.96	31.65	95.6	7.48	13.7	13
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	IS(Mf)9	12:35:24	2.4	Bottom	3	2	18.1	7.97	31.66	95.2	7.45	13.6	12.5
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	IS10	13:30:39	1.0	Surface	1	1	18.47	8.21	32.76	94.2	7.26	7.9	12
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	IS10	13:30:03	1.0	Surface	1	2	18.47	8.21	32.76	94.1	7.26	7.5	11.6
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	IS10	13:30:26	5.4	Middle	2	1	18.47	8.21	32.78	93.8	7.23	8.2	13.2
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	IS10	13:29:52	5.4	Middle	2	2	18.47	8.21	32.78	93.8	7.24	8.1	11.2
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	IS10	13:30:14	9.8	Bottom	3	1	18.48	8.21	32.79	93.9	7.24	8.4	13.8
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	IS10	13:29:44	9.8	Bottom	3	2	18.47	8.21	32.78	93.8	7.23	8.5	13.3
HKLR	HY/2011/03		Mid-Ebb		SR3			Surface	1	1							
HKLR	HY/2011/03		Mid-Ebb		SR3			Surface	1	2							
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	SR3	12:03:51	0.8	Middle	2	1	17.9	7.93	31.26	95.3	7.5	11.4	14.6
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	SR3	12:03:55	0.8	Middle	2	2	17.91	7.93	31.27	95.2	7.49	11.2	15.4
HKLR	HY/2011/03		Mid-Ebb		SR3			Bottom	3	1							
HKLR	HY/2011/03		Mid-Ebb		SR3			Bottom	3	2							
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	SR4	12:48:16	1.0	Surface	1	1	17.95	7.96	31.4	96.3	7.57	6.7	9.2
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	SR4	12:48:35	1.0	Surface	1	2	17.95	7.97	31.41	95.9	7.54	6.8	8.6

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		Mid-Ebb		SR4			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		SR4			Middle	2	2							
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	SR4	12:48:10	2.3	Bottom	3	1	17.94	7.96	31.38	96.3	7.57	6.9	9.9
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	SR4	12:48:25	2.3	Bottom	3	2	17.99	7.96	31.48	96.1	7.54	7	9.3
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	SR5	13:19:03	1.0	Surface	1	1	18.47	8.21	32.76	95.4	7.36	7.6	13.4
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	SR5	13:19:23	1.0	Surface	1	2	18.47	8.21	32.77	95	7.32	7.5	13.6
HKLR	HY/2011/03		Mid-Ebb		SR5			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		SR5			Middle	2	2							
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	SR5	13:19:14	3.6	Bottom	3	1	18.47	8.21	32.77	95	7.33	7.6	13.8
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	SR5	13:18:52	3.6	Bottom	3	2	18.47	8.2	32.77	95.6	7.37	7.7	13.1
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	SR10A	14:02:40	1.0	Surface	1	1	19.67	7.99	33.26	91.5	6.89	4.9	7.7
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	SR10A	14:02:11	1.0	Surface	1	2	19.65	7.98	33.23	91.6	6.9	4.9	7.7
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	SR10A	14:01:59	3.3	Middle	2	1	19.67	7.97	33.24	91.8	6.91	5.3	8.8
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	SR10A	14:02:31	3.3	Middle	2	2	19.66	7.99	33.25	91.4	6.88	5.7	7.9
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	SR10A	14:01:48	5.5	Bottom	3	1	19.66	7.97	33.22	92	6.93	5.7	9.6
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	SR10A	14:02:21	5.5	Bottom	3	2	19.67	7.98	33.26	91.4	6.88	5.8	9.6
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	SR10B	14:13:28	1.0	Surface	1	1	19.67	8	33.29	91.2	6.87	4.7	8.8
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	SR10B	14:13:14	1.0	Surface	1	2	19.67	8	33.29	91.3	6.87	4.9	9.7
HKLR	HY/2011/03		Mid-Ebb		SR10B			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		SR10B			Middle	2	2							
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	SR10B	14:13:06	4.5	Bottom	3	1	19.65	8	33.28	91.2	6.87	5.1	8.8
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	SR10B	14:13:21	4.5	Bottom	3	2	19.66	8	33.28	91.1	6.86	5	9.3
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	CS2	12:00:02	1.0	Surface	1	1	18.77	8.23	32.92	95.8	7.34	8.6	14.7
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	CS2	11:59:30	1.0	Surface	1	2	18.77	8.24	32.97	97.6	7.47	8.6	15.1
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	CS2	11:59:53	4.0	Middle	2	1	18.77	8.23	32.96	96	7.35	8.2	14.3
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	CS2	11:59:20	4.0	Middle	2	2	18.77	8.24	33.02	98.6	7.55	8.5	13.8
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	CS2	11:59:06	7.0	Bottom	3	1	18.78	8.24	33.07	101.1	7.74	8.5	16.7
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	CS2	11:59:41	7.0	Bottom	3	2	18.78	8.23	32.99	96.5	7.39	8.3	15.3
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	CS(Mf)5	13:34:46	1.0	Surface	1	1	19.74	7.97	33.2	92	6.92	4.2	7.5
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	CS(Mf)5	13:35:16	1.0	Surface	1	2	19.75	7.98	33.23	91.6	6.89	4.4	7.1
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	CS(Mf)5	13:35:07	6.7	Middle	2	1	19.74	7.98	33.23	91.5	6.88	4.7	7.5
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	CS(Mf)5	13:34:35	6.7	Middle	2	2	19.75	7.97	33.2	92.2	6.93	4.6	5.9
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	CS(Mf)5	13:34:58	12.4	Bottom	3	1	19.75	7.98	33.24	91.6	6.89	4.6	8.6
HKLR	HY/2011/03	2013-12-18	Mid-Ebb	Sunny	CS(Mf)5	13:34:23	12.4	Bottom	3	2	19.73	7.96	33.19	92.4	6.95	4.8	9.1
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	IS5	09:07:48	1.0	Surface	1	1	17.87	7.99	31.58	93.3	7.33	11.9	16.6
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	IS5	09:08:09	1.0	Surface	1	2	17.89	8	31.62	93	7.31	12.1	18
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	IS5	09:08:02	4.7	Middle	2	1	17.89	7.99	31.63	92.9	7.29	12.6	17
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	IS5	09:07:37	4.7	Middle	2	2	17.89	7.98	31.6	93.4	7.34	12.2	16.1
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	IS5	09:07:30	8.3	Bottom	3	1	17.87	7.98	31.57	93.6	7.36	12.5	17.5
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	IS5	09:07:56	8.3	Bottom	3	2	17.89	7.99	31.63	93.1	7.32	12.8	16.6
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	IS(Mf)6	09:00:17	1.0	Surface	1	1	17.73	7.99	31.65	94.1	7.42	11.2	12.2
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	IS(Mf)6	09:00:32	1.0	Surface	1	2	17.75	8	31.67	93.9	7.39	11.4	11.6
HKLR	HY/2011/03		Mid-Flood		IS(Mf)6			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		IS(Mf)6			Middle	2	2							
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	IS(Mf)6	09:00:06	2.5	Bottom	3	1	17.73	7.98	31.74	94.3	7.42	11.9	12.1
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	IS(Mf)6	09:00:24	2.5	Bottom	3	2	17.73	7.99	31.77	94	7.39	11.7	11.5
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	IS7	08:54:02	1.0	Surface	1	1	17.91	7.99	31.92	93.8	7.36	12.1	15.6
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	IS7	08:53:51	1.0	Surface	1	2	17.91	7.98	31.91	94	7.37	12.4	14.8
HKLR	HY/2011/03		Mid-Flood		IS7			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		IS7			Middle	2	2							
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	IS7	08:53:56	2.4	Bottom	3	1	17.89	7.98	31.91	93.7	7.35	12.3	16.1
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	IS7	08:53:43	2.4	Bottom	3	2	17.89	7.98	31.9	94	7.37	12.6	16.7
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	IS8	08:17:09	1.0	Surface	1	1	18.09	7.96	31.88	93.6	7.32	7.9	12.3
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	IS8	08:16:57	1.0	Surface	1	2	18.09	7.95	31.87	94	7.35	8	12.3
HKLR	HY/2011/03		Mid-Flood		IS8			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		IS8			Middle	2	2							
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	IS8	08:16:50	2.7	Bottom	3	1	18.08	7.95	31.85	94.3	7.37	8.2	11.9
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	IS8	08:17:03	2.7	Bottom	3	2	18.08	7.96	31.87	93.6	7.32	8.1	13.1
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	IS(Mf)9	08:47:33	1.0	Surface	1	1	17.9	7.97	31.79	93.9	7.37	18.9	24.7
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	IS(Mf)9	08:47:22	1.0	Surface	1	2	17.89	7.96	31.78	94.2	7.39	18.7	23.9
HKLR	HY/2011/03		Mid-Flood		IS(Mf)9			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		IS(Mf)9			Middle	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	2013-12-18	Mid-Flood	Sunny	IS(Mf)9	08:47:27	2.4	Bottom	3	1	17.88	7.96	31.77	93.9	7.37	19.2	27.8
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	IS(Mf)9	08:47:14	2.4	Bottom	3	2	17.88	7.95	31.76	94.3	7.4	19.4	26.3
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	IS10	08:52:14	1.0	Surface	1	1	18.12	8.19	32.75	94.5	7.34	13.1	17.5
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	IS10	08:52:48	1.0	Surface	1	2	18.07	8.19	32.71	94.1	7.32	12.7	18.3
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	IS10	08:52:38	5.4	Middle	2	1	18.14	8.19	32.73	94	7.3	11.4	20.1
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	IS10	08:52:00	5.4	Middle	2	2	18.14	8.18	32.73	94.3	7.32	11.3	19.4
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	IS10	08:52:28	9.7	Bottom	3	1	18.18	8.19	32.8	94.2	7.3	11.6	22
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	IS10	08:51:48	9.7	Bottom	3	2	18.31	8.19	32.83	94.7	7.32	11.4	21.8
HKLR	HY/2011/03		Mid-Flood		SR3			Surface	1	1							
HKLR	HY/2011/03		Mid-Flood		SR3			Surface	1	2							
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	SR3	09:18:49	0.8	Middle	2	1	17.88	8.01	31.64	93.3	7.33	12.8	17.2
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	SR3	09:18:44	0.8	Middle	2	2	17.84	8.01	31.64	93.2	7.32	12.7	16.3
HKLR	HY/2011/03		Mid-Flood		SR3			Bottom	3	1							
HKLR	HY/2011/03		Mid-Flood		SR3			Bottom	3	2							
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	SR4	08:27:58	1.0	Surface	1	1	18.09	7.98	31.91	92.9	7.26	7.4	12.1
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	SR4	08:27:43	1.0	Surface	1	2	18.09	7.97	31.91	93	7.27	7.5	11.9
HKLR	HY/2011/03		Mid-Flood		SR4			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		SR4			Middle	2	2							
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	SR4	08:27:49	2.5	Bottom	3	1	18.08	7.98	31.9	93	7.26	7.6	13
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	SR4	08:27:35	2.5	Bottom	3	2	18.08	7.98	31.9	93	7.27	7.7	13.8
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	SR5	09:02:13	1.0	Surface	1	1	17.94	8.18	32.66	93.5	7.29	14.3	22.5
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	SR5	09:02:42	1.0	Surface	1	2	17.93	8.18	32.66	93.4	7.28	14.3	21.2
HKLR	HY/2011/03		Mid-Flood		SR5			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		SR5			Middle	2	2							
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	SR5	09:02:32	3.5	Bottom	3	1	18	8.19	32.68	93.3	7.26	14.6	22
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	SR5	09:02:03	3.5	Bottom	3	2	17.95	8.18	32.68	93.5	7.29	14.7	22
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	SR10A	07:16:48	1.0	Surface	1	1	19.65	8.03	33.27	91.5	6.89	8.4	9.4
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	SR10A	07:17:23	1.0	Surface	1	2	19.68	8.03	33.3	90.8	6.83	8	10.5
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	SR10A	07:16:36	3.3	Middle	2	1	19.66	8.01	33.28	91.2	6.86	8.4	10
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	SR10A	07:17:13	3.3	Middle	2	2	19.68	8.03	33.3	90.5	6.81	8.7	8.5
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	SR10A	07:16:19	5.5	Bottom	3	1	19.67	8.01	33.3	91.1	6.85	8.9	13
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	SR10A	07:17:05	5.5	Bottom	3	2	19.69	8.03	33.31	90.6	6.81	8.9	11.3
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	SR10B	07:08:19	1.0	Surface	1	1	19.69	7.97	33.36	92.5	6.96	7.3	12.3
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	SR10B	07:08:42	1.0	Surface	1	2	19.69	7.99	33.37	91.9	6.91	7.1	13.4
HKLR	HY/2011/03		Mid-Flood		SR10B			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		SR10B			Middle	2	2							
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	SR10B	07:08:29	4.6	Bottom	3	1	19.68	7.98	33.36	91.4	6.87	7.4	12.3
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	SR10B	07:08:03	4.6	Bottom	3	2	19.67	7.97	33.35	91.5	6.88	7.6	13.1
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	CS2	10:02:47	1.0	Surface	1	1	18.33	8.21	32.82	94.5	7.3	12.7	21.2
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	CS2	10:03:25	1.0	Surface	1	2	18.33	8.21	32.82	94.5	7.31	12.4	20.3
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	CS2	10:03:16	4.0	Middle	2	1	18.3	8.21	32.85	94.4	7.3	13.2	20.9
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	CS2	10:02:36	4.0	Middle	2	2	18.29	8.21	32.86	94.3	7.3	13.1	20.9
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	CS2	10:03:00	7.0	Bottom	3	1	18.29	8.21	32.85	94.1	7.28	13.6	22.3
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	CS2	10:02:27	7.0	Bottom	3	2	18.31	8.21	32.84	94.1	7.28	13.3	23.5
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	CS(Mf)5	07:45:25	1.0	Surface	1	1	19.16	7.98	32.97	91.8	6.99	5.5	11.7
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	CS(Mf)5	07:44:50	1.0	Surface	1	2	19.16	7.96	32.97	92	7	5.4	11.2
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	CS(Mf)5	07:45:18	6.7	Middle	2	1	19.16	7.98	32.96	91.6	6.97	6.1	10.5
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	CS(Mf)5	07:44:30	6.7	Middle	2	2	19.18	7.95	32.98	92.3	7.02	6.2	11.2
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	CS(Mf)5	07:44:17	12.3	Bottom	3	1	19.18	7.94	32.99	92.5	7.03	7.1	10
HKLR	HY/2011/03	2013-12-18	Mid-Flood	Sunny	CS(Mf)5	07:45:01	12.3	Bottom	3	2	19.18	7.97	32.99	91.8	6.98	6.9	10.5
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	IS5	13:16:55	1.0	Surface	1	1	17.25	7.96	31.93	95.2	7.55	11.5	11.2
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	IS5	13:17:21	1.0	Surface	1	2	17.25	7.96	31.94	95	7.54	11.3	10.4
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	IS5	13:17:13	4.5	Middle	2	1	17.25	7.96	31.94	94.9	7.53	11.5	13.3
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	IS5	13:16:46	4.5	Middle	2	2	17.25	7.96	31.93	95	7.54	11.6	14.4
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	IS5	13:16:33	7.9	Bottom	3	1	17.23	7.95	31.93	94.9	7.53	12.1	16.8
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	IS5	13:17:06	7.9	Bottom	3	2	17.25	7.96	31.94	94.9	7.53	11.4	18.3
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	IS(Mf)6	13:26:21	1.0	Surface	1	1	17.28	7.95	31.96	95.6	7.58	11.8	17.7
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	IS(Mf)6	13:26:04	1.0	Surface	1	2	17.34	7.95	31.95	96	7.6	11.2	16.5
HKLR	HY/2011/03		Mid-Ebb		IS(Mf)6			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		IS(Mf)6			Middle	2	2							
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	IS(Mf)6	13:26:15	2.2	Bottom	3	1	17.22	7.95	31.92	95.4	7.57	12.5	17.7
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	IS(Mf)6	13:25:55	2.2	Bottom	3	2	17.27	7.94	31.9	96	7.61	12.4	17.5

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	2013-12-20	Mid-Ebb	Sunny	IS7	13:33:34	1.0	Surface	1	1	17.85	7.95	32.09	97.4	7.63	12.1	13.6
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	IS7	13:33:49	1.0	Surface	1	2	17.77	7.95	32.12	96.9	7.61	12.6	14.6
HKLR	HY/2011/03		Mid-Ebb		IS7			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		IS7			Middle	2	2							
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	IS7	13:33:28	2.3	Bottom	3	1	17.67	7.94	31.94	97.2	7.64	12.5	14.7
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	IS7	13:33:45	2.3	Bottom	3	2	17.62	7.95	31.99	96.5	7.6	12.8	14.6
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	IS8	13:59:08	1.0	Surface	1	1	17.89	7.92	32.36	96.4	7.53	7.5	7.8
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	IS8	13:59:21	1.0	Surface	1	2	17.89	7.93	32.36	95.9	7.5	7.4	6.9
HKLR	HY/2011/03		Mid-Ebb		IS8			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		IS8			Middle	2	2							
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	IS8	13:59:02	2.5	Bottom	3	1	17.91	7.92	32.38	96.5	7.54	7.4	10.5
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	IS8	13:59:14	2.5	Bottom	3	2	17.88	7.93	32.38	96.1	7.51	7.4	11
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	IS(Mf)9	13:41:26	1.0	Surface	1	1	17.71	7.96	32.05	95.9	7.53	14.2	7.2
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	IS(Mf)9	13:41:40	1.0	Surface	1	2	17.79	7.96	32.05	95.8	7.52	13.3	7.4
HKLR	HY/2011/03		Mid-Ebb		IS(Mf)9			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		IS(Mf)9			Middle	2	2							
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	IS(Mf)9	13:41:34	2.6	Bottom	3	1	17.71	7.96	31.99	95.5	7.5	14.2	13.4
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	IS(Mf)9	13:41:20	2.6	Bottom	3	2	17.65	7.95	32.02	95.7	7.53	15.8	14
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	IS10	14:43:55	1.0	Surface	1	1	17.99	8.2	30.9	94.9	7.46	3.7	7.6
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	IS10	14:44:31	1.0	Surface	1	2	18.02	8.21	30.67	94.7	7.46	3.7	6.8
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	IS10	14:44:21	5.4	Middle	2	1	18.08	8.21	32.7	94.4	7.33	4.6	6.4
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	IS10	14:43:41	5.4	Middle	2	2	18.11	8.21	32.71	94.5	7.34	4.5	6.4
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	IS10	14:44:10	9.7	Bottom	3	1	18.11	8.21	32.79	94.5	7.34	4.4	7.8
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	IS10	14:43:31	9.7	Bottom	3	2	18.13	8.21	32.8	94.7	7.35	4.2	6
HKLR	HY/2011/03		Mid-Ebb		SR3			Surface	1	1							
HKLR	HY/2011/03		Mid-Ebb		SR3			Surface	1	2							
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	SR3	13:04:02	0.8	Middle	2	1	17.26	7.93	31.87	96.4	7.65	11	17.2
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	SR3	13:03:49	0.8	Middle	2	2	17.25	7.92	31.85	96.9	7.69	11.1	18.2
HKLR	HY/2011/03		Mid-Ebb		SR3			Bottom	3	1							
HKLR	HY/2011/03		Mid-Ebb		SR3			Bottom	3	2							
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	SR4	13:53:03	1.0	Surface	1	1	18.48	7.9	31.97	95.6	7.4	7	8.5
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	SR4	13:52:44	1.0	Surface	1	2	18.4	7.88	32.23	95.9	7.43	7.8	8.4
HKLR	HY/2011/03		Mid-Ebb		SR4			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		SR4			Middle	2	2							
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	SR4	13:52:37	2.7	Bottom	3	1	18.39	7.88	32.24	96.2	7.45	7.9	8.1
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	SR4	13:52:51	2.7	Bottom	3	2	18.37	7.89	32.31	95.4	7.39	8	8.3
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	SR5	14:33:35	1.0	Surface	1	1	17.98	8.21	31.19	95.6	7.51	4.5	8.1
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	SR5	14:33:13	1.0	Surface	1	2	17.99	8.2	31.04	95.8	7.53	4.5	8.4
HKLR	HY/2011/03		Mid-Ebb		SR5			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		SR5			Middle	2	2							
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	SR5	14:33:26	3.4	Bottom	3	1	17.98	8.2	32.49	95.6	7.45	4.3	7.3
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	SR5	14:33:01	3.4	Bottom	3	2	17.98	8.2	32.54	95.9	7.47	4.4	8.9
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	SR10A	15:00:56	1.0	Surface	1	1	19.55	8.01	33.68	93.3	7.01	4.4	4.6
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	SR10A	15:00:22	1.0	Surface	1	2	19.55	8.01	33.67	93.7	7.04	4	4.5
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	SR10A	15:00:13	3.2	Middle	2	1	19.55	8	33.67	93.6	7.04	5	4.8
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	SR10A	15:00:45	3.2	Middle	2	2	19.56	8.01	33.7	93.2	7.01	5.1	4.7
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	SR10A	15:00:36	5.3	Bottom	3	1	19.56	8.01	33.71	93.4	7.02	5.1	4.8
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	SR10A	15:00:02	5.3	Bottom	3	2	19.55	8	33.67	93.6	7.04	4.7	5.1
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	SR10B	15:13:23	1.0	Surface	1	1	19.56	8.03	33.71	93	6.99	5.3	5.9
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	SR10B	15:13:41	1.0	Surface	1	2	19.57	8.04	33.71	92.9	6.98	5.6	6.2
HKLR	HY/2011/03		Mid-Ebb		SR10B			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		SR10B			Middle	2	2							
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	SR10B	15:13:14	4.5	Bottom	3	1	19.57	8.03	33.72	93	6.99	5.3	5.8
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	SR10B	15:13:34	4.5	Bottom	3	2	19.57	8.03	33.72	92.9	6.98	5.6	5
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	CS2	13:06:53	1.0	Surface	1	1	17.93	8.26	31.45	96.9	7.6	3.9	5.5
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	CS2	13:07:23	1.0	Surface	1	2	17.92	8.25	31.47	96.4	7.57	3.8	5.5
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	CS2	13:06:41	4.1	Middle	2	1	17.87	8.27	31.95	96.7	7.58	4.8	6
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	CS2	13:07:13	4.1	Middle	2	2	17.85	8.25	31.79	96.2	7.55	4.8	6.3
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	CS2	13:07:03	7.1	Bottom	3	1	17.86	8.25	32.06	96.3	7.55	4.5	6.5
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	CS2	13:06:12	7.1	Bottom	3	2	17.68	8.29	32.61	97.2	7.61	4.7	6.9
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	CS(Mf)5	14:34:14	1.0	Surface	1	1	19.35	8.02	33.36	94.3	7.13	3.3	7.7
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	CS(Mf)5	14:33:40	1.0	Surface	1	2	19.32	8.01	33.35	94.5	7.15	3.2	7.3

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	2013-12-20	Mid-Ebb	Sunny	CS(Mf)5	14:34:03	6.6	Middle	2	1	19.64	8.03	33.62	94.5	7.1	3.3	6.8
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	CS(Mf)5	14:33:27	6.6	Middle	2	2	19.66	8.02	33.63	94.7	7.1	3.4	8.1
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	CS(Mf)5	14:33:51	12.2	Bottom	3	1	19.55	8.02	33.62	95	7.15	3.1	7.5
HKLR	HY/2011/03	2013-12-20	Mid-Ebb	Sunny	CS(Mf)5	14:33:13	12.2	Bottom	3	2	19.54	8.01	33.6	95.2	7.16	3.3	7.6
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	IS5	10:30:53	1.0	Surface	1	1	17.21	7.95	32.03	94.6	7.5	11.8	15.8
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	IS5	10:30:01	1.0	Surface	1	2	17.21	7.94	32.02	94.8	7.52	12.1	15.2
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	IS5	10:30:42	4.4	Middle	2	1	17.16	7.95	32.04	94.3	7.49	12.6	15.7
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	IS5	10:29:44	4.4	Middle	2	2	17.17	7.93	32.03	94.6	7.51	12.1	15.2
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	IS5	10:30:32	7.7	Bottom	3	1	17.17	7.95	32.04	94.4	7.5	13	16.2
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	IS5	10:29:37	7.7	Bottom	3	2	17.17	7.93	32.03	94.5	7.5	12.1	15.6
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	IS(Mf)6	10:21:20	1.0	Surface	1	1	17.28	7.94	32.06	94.9	7.52	14.6	12.6
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	IS(Mf)6	10:21:43	1.0	Surface	1	2	17.3	7.94	32.04	94.9	7.52	13.7	13
HKLR	HY/2011/03		Mid-Flood		IS(Mf)6			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		IS(Mf)6			Middle	2	2							
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	IS(Mf)6	10:21:29	2.2	Bottom	3	1	17.28	7.94	32.13	94.8	7.51	17.4	11.9
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	IS(Mf)6	10:21:11	2.2	Bottom	3	2	17.28	7.93	32.11	94.9	7.52	17.6	12
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	IS7	10:14:40	1.0	Surface	1	1	17.3	7.94	32.16	93.6	7.4	23.9	22.1
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	IS7	10:14:23	1.0	Surface	1	2	17.33	7.93	32.09	93.7	7.42	24.6	20.3
HKLR	HY/2011/03		Mid-Flood		IS7			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		IS7			Middle	2	2							
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	IS7	10:14:34	2.4	Bottom	3	1	17.29	7.93	32.2	93.5	7.4	20.4	26.4
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	IS7	10:14:09	2.4	Bottom	3	2	17.29	7.92	32.19	93.9	7.43	21.5	25.6
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	IS8	09:50:27	1.0	Surface	1	1	17.91	7.92	32.43	94.1	7.35	25.5	32
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	IS8	09:50:44	1.0	Surface	1	2	17.9	7.92	32.45	93.8	7.33	26.3	33.2
HKLR	HY/2011/03		Mid-Flood		IS8			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		IS8			Middle	2	2							
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	IS8	09:50:36	2.8	Bottom	3	1	17.89	7.92	32.45	93.8	7.33	22.7	34
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	IS8	09:50:13	2.8	Bottom	3	2	17.89	7.91	32.44	94.1	7.35	23.5	34
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	IS(Mf)9	10:06:45	1.0	Surface	1	1	17.73	7.93	32.32	94	7.37	21.6	16.2
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	IS(Mf)9	10:06:32	1.0	Surface	1	2	17.73	7.92	32.32	94.2	7.39	21	17.1
HKLR	HY/2011/03		Mid-Flood		IS(Mf)9			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		IS(Mf)9			Middle	2	2							
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	IS(Mf)9	10:06:24	2.5	Bottom	3	1	17.72	7.92	32.32	94.2	7.39	19.5	16.8
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	IS(Mf)9	10:06:38	2.5	Bottom	3	2	17.73	7.92	32.32	94.1	7.38	20.1	17.3
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	IS10	09:09:27	1.0	Surface	1	1	17.75	8.17	32.82	94.9	7.41	7.4	10.1
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	IS10	09:10:00	1.0	Surface	1	2	17.75	8.17	32.82	94.8	7.41	7.5	9.6
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	IS10	09:09:50	5.4	Middle	2	1	17.8	8.17	32.86	94.6	7.38	7.5	11
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	IS10	09:09:15	5.4	Middle	2	2	17.8	8.17	32.86	94.6	7.39	7.8	9.7
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	IS10	09:08:55	9.8	Bottom	3	1	17.8	8.17	32.87	94.8	7.4	7.6	12
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	IS10	09:09:41	9.8	Bottom	3	2	17.8	8.17	32.87	94.6	7.38	7.4	11.1
HKLR	HY/2011/03		Mid-Flood		SR3			Surface	1	1							
HKLR	HY/2011/03		Mid-Flood		SR3			Surface	1	2							
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	SR3	10:40:41	0.8	Middle	2	1	17.23	7.95	32.02	94.9	7.53	10.8	15.6
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	SR3	10:41:01	0.8	Middle	2	2	17.21	7.96	32.02	94.8	7.53	11.9	14.2
HKLR	HY/2011/03		Mid-Flood		SR3			Bottom	3	1							
HKLR	HY/2011/03		Mid-Flood		SR3			Bottom	3	2							
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	SR4	09:55:49	1.0	Surface	1	1	18.13	7.9	32.47	94	7.31	13.7	18.5
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	SR4	09:56:19	1.0	Surface	1	2	18.17	7.92	32.52	93.3	7.25	14.1	18.7
HKLR	HY/2011/03		Mid-Flood		SR4			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		SR4			Middle	2	2							
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	SR4	09:56:05	2.5	Bottom	3	1	18.17	7.91	32.52	93.5	7.26	13.2	19.2
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	SR4	09:55:41	2.5	Bottom	3	2	18.13	7.9	32.48	94.2	7.32	12.8	19.4
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	SR5	09:17:27	1.0	Surface	1	1	17.75	8.17	32.82	95	7.42	6.5	8.2
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	SR5	09:17:46	1.0	Surface	1	2	17.76	8.17	32.82	95	7.43	6.5	8.6
HKLR	HY/2011/03		Mid-Flood		SR5			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		SR5			Middle	2	2							
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	SR5	09:17:38	3.8	Bottom	3	1	17.76	8.17	32.83	94.9	7.42	6.7	9.8
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	SR5	09:17:18	3.8	Bottom	3	2	17.76	8.17	32.83	95	7.42	6.7	9.8
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	SR10A	08:33:51	1.0	Surface	1	1	19.36	7.99	33.44	92.9	7.02	6.6	8.5
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	SR10A	08:34:22	1.0	Surface	1	2	19.36	8.01	33.46	92.7	7	6.5	8.3
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	SR10A	08:33:42	3.4	Middle	2	1	19.37	7.98	33.45	92.9	7.01	7	9.4
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	SR10A	08:34:12	3.4	Middle	2	2	19.37	8	33.46	92.6	6.99	7	9.7

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	2013-12-20	Mid-Flood	Sunny	SR10A	08:34:06	5.8	Bottom	3	1	19.37	7.99	33.46	92.5	6.99	7.1	9
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	SR10A	08:33:30	5.8	Bottom	3	2	19.37	7.98	33.44	92.8	7.01	6.8	10.2
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	SR10B	08:21:53	1.0	Surface	1	1	19.56	7.94	33.51	93.2	7.01	7.4	11.6
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	SR10B	08:21:30	1.0	Surface	1	2	19.55	7.91	33.49	93.6	7.04	7.8	10.8
HKLR	HY/2011/03		Mid-Flood		SR10B			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		SR10B			Middle	2	2							
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	SR10B	08:21:19	4.7	Bottom	3	1	19.56	7.89	33.49	93.5	7.03	8	12.6
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	SR10B	08:21:42	4.7	Bottom	3	2	19.56	7.93	33.51	93.2	7.01	7.4	14
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	CS2	10:53:19	1.0	Surface	1	1	17.51	8.17	32.53	95.6	7.52	11.6	15.8
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	CS2	10:52:51	1.0	Surface	1	2	17.51	8.17	32.53	95.4	7.5	11.3	15.5
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	CS2	10:53:11	4.1	Middle	2	1	17.51	8.17	32.53	95.4	7.5	11.5	15.4
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	CS2	10:52:41	4.1	Middle	2	2	17.51	8.16	32.53	95	7.47	11.3	14.5
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	CS2	10:53:01	7.2	Bottom	3	1	17.51	8.17	32.52	95.4	7.5	11.4	16.5
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	CS2	10:52:28	7.2	Bottom	3	2	17.54	8.16	30.78	95.5	7.59	11.5	16
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	CS(Mf)5	09:03:04	1.0	Surface	1	1	18.24	7.94	32.76	93.6	7.25	6.3	6.9
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	CS(Mf)5	09:02:11	1.0	Surface	1	2	18.25	7.92	32.75	93.7	7.26	6.5	7.6
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	CS(Mf)5	09:01:59	6.7	Middle	2	1	18.37	7.92	32.84	93.5	7.22	6.8	7.3
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	CS(Mf)5	09:02:53	6.7	Middle	2	2	18.32	7.94	32.81	93.5	7.23	6.5	9
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	CS(Mf)5	09:01:50	12.4	Bottom	3	1	18.35	7.91	32.85	93.8	7.24	6.7	8.2
HKLR	HY/2011/03	2013-12-20	Mid-Flood	Sunny	CS(Mf)5	09:02:35	12.4	Bottom	3	2	18.32	7.93	32.84	93.7	7.24	6.4	7.7
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	IS5	15:24:41	1.0	Surface	1	1	17.16	7.96	31.93	97.7	7.76	11.5	13.3
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	IS5	15:25:07	1.0	Surface	1	2	17.21	7.96	31.93	97.5	7.74	12.2	14.2
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	IS5	15:24:33	4.3	Middle	2	1	17.1	7.95	31.93	97.6	7.77	11.6	14.7
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	IS5	15:24:58	4.3	Middle	2	2	17.11	7.96	31.94	97.2	7.73	12.3	13.7
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	IS5	15:24:50	7.5	Bottom	3	1	17.12	7.96	31.92	97.3	7.74	12.1	16.6
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	IS5	15:24:26	7.5	Bottom	3	2	17.19	7.96	31.89	97.9	7.78	12.1	15.5
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	IS(Mf)6	15:31:09	1.0	Surface	1	1	17.04	7.94	31.87	96.6	7.69	11.2	11.5
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	IS(Mf)6	15:31:23	1.0	Surface	1	2	17.07	7.94	31.87	96.3	7.67	11.2	11.4
HKLR	HY/2011/03		Mid-Ebb		IS(Mf)6			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		IS(Mf)6			Middle	2	2							
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	IS(Mf)6	15:31:15	2.1	Bottom	3	1	17.05	7.94	31.85	96.3	7.67	11.1	12.1
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	IS(Mf)6	15:31:03	2.1	Bottom	3	2	17.04	7.94	31.85	96.6	7.7	11.5	12.2
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	IS7	15:39:19	1.0	Surface	1	1	17.39	7.96	31.87	97.6	7.72	11.2	11.8
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	IS7	15:39:02	1.0	Surface	1	2	17.39	7.96	31.87	97.5	7.71	11.2	12.3
HKLR	HY/2011/03		Mid-Ebb		IS7			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		IS7			Middle	2	2							
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	IS7	15:38:52	2.2	Bottom	3	1	17.37	7.96	31.84	97.5	7.72	11.4	12.7
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	IS7	15:39:09	2.2	Bottom	3	2	17.38	7.96	31.85	97.4	7.71	11.4	13.2
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	IS8	16:02:05	1.0	Surface	1	1	17.75	7.99	31.67	97.8	7.7	6.8	9.1
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	IS8	16:01:52	1.0	Surface	1	2	17.76	7.99	31.65	98.1	7.72	6.9	9.5
HKLR	HY/2011/03		Mid-Ebb		IS8			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		IS8			Middle	2	2							
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	IS8	16:01:57	2.7	Bottom	3	1	17.72	7.99	31.66	97.8	7.7	6.9	10.9
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	IS8	16:01:41	2.7	Bottom	3	2	17.72	7.99	31.66	97.9	7.71	6.8	12.1
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	IS(Mf)9	15:46:02	1.0	Surface	1	1	17.56	7.98	31.86	102.8	8.11	5.2	5.7
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	IS(Mf)9	15:45:46	1.0	Surface	1	2	17.65	7.98	31.84	103.1	8.12	5.3	6.8
HKLR	HY/2011/03		Mid-Ebb		IS(Mf)9			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		IS(Mf)9			Middle	2	2							
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	IS(Mf)9	15:45:34	2.7	Bottom	3	1	17.55	7.98	31.79	102.4	8.08	5	8.2
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	IS(Mf)9	15:45:55	2.7	Bottom	3	2	17.53	7.98	31.79	102.6	8.1	5.1	6.1
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	IS10	16:24:23	1.0	Surface	1	1	17.63	8.25	30.14	96.6	7.69	3.4	4.7
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	IS10	16:23:25	1.0	Surface	1	2	17.64	8.26	30.39	96.5	7.67	3.4	4.3
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	IS10	16:24:05	5.3	Middle	2	1	17.55	8.26	32.05	95.7	7.54	5.7	4.8
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	IS10	16:23:04	5.3	Middle	2	2	17.56	8.26	32.07	95.3	7.51	5.9	5.2
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	IS10	16:23:49	9.6	Bottom	3	1	17.52	8.25	32.19	95.4	7.51	5.2	5
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	IS10	16:22:52	9.6	Bottom	3	2	17.54	8.26	32.18	95.2	7.5	5.6	4
HKLR	HY/2011/03		Mid-Ebb		SR3			Surface	1	1							
HKLR	HY/2011/03		Mid-Ebb		SR3			Surface	1	2							
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	SR3	15:16:32	0.7	Middle	2	1	17.37	7.96	31.89	101.4	8.02	11.6	13.6
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	SR3	15:16:40	0.7	Middle	2	2	17.37	7.96	31.89	100.9	7.99	11.4	13.6
HKLR	HY/2011/03		Mid-Ebb		SR3			Bottom	3	1							
HKLR	HY/2011/03		Mid-Ebb		SR3			Bottom	3	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	2013-12-23	Mid-Ebb	Sunny	SR4	15:52:04	1.0	Surface	1	1	17.88	7.99	31.79	98.3	7.71	4.8	6.3
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	SR4	15:51:52	1.0	Surface	1	2	17.88	7.99	31.81	98.5	7.72	4.9	6.6
HKLR	HY/2011/03		Mid-Ebb		SR4			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		SR4			Middle	2	2							
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	SR4	15:51:57	2.7	Bottom	3	1	17.88	7.99	31.8	98.4	7.72	4.9	5.3
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	SR4	15:51:45	2.7	Bottom	3	2	17.88	7.99	31.82	98.5	7.72	4.8	5.1
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	SR5	16:13:11	1.0	Surface	1	1	17.64	8.25	30.24	97	7.71	3.1	4.4
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	SR5	16:13:44	1.0	Surface	1	2	17.64	8.25	30.21	96.8	7.7	3	4.3
HKLR	HY/2011/03		Mid-Ebb		SR5			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		SR5			Middle	2	2							
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	SR5	16:12:56	4.5	Bottom	3	1	17.57	8.25	31.96	96.8	7.63	4.5	4.3
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	SR5	16:13:27	4.5	Bottom	3	2	17.58	8.25	31.95	96.4	7.6	4.5	4.7
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	SR10A	17:10:27	1.0	Surface	1	1	19.03	8.01	33.37	92.3	7.02	4	7
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	SR10A	17:09:52	1.0	Surface	1	2	19.03	8.01	33.38	92.5	7.03	4.1	8
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	SR10A	17:09:43	3.3	Middle	2	1	19.03	8	33.4	92.4	7.03	4.2	8.2
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	SR10A	17:10:17	3.3	Middle	2	2	19.04	8.01	33.4	92.1	7	4.3	8.2
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	SR10A	17:10:02	5.6	Bottom	3	1	19.03	8.01	33.43	92.3	7.01	4.3	8.4
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	SR10A	17:09:34	5.6	Bottom	3	2	19.03	8	33.43	92.6	7.04	4.1	7.6
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	SR10B	17:17:41	1.0	Surface	1	1	19.03	8.02	33.38	91.9	6.98	3.7	7.1
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	SR10B	17:17:55	1.0	Surface	1	2	19.03	8.02	33.38	91.9	6.99	3.6	6.3
HKLR	HY/2011/03		Mid-Ebb		SR10B			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		SR10B			Middle	2	2							
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	SR10B	17:17:49	4.0	Bottom	3	1	19.03	8.02	33.39	91.9	6.99	3.7	6.2
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	SR10B	17:17:33	4.0	Bottom	3	2	19.03	8.02	33.39	91.9	6.99	3.8	7.1
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	CS2	14:58:14	1.0	Surface	1	1	17.59	8.27	30.44	98.9	7.87	2.6	6.1
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	CS2	14:58:58	1.0	Surface	1	2	17.59	8.27	30.39	97.8	7.78	2.7	7
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	CS2	14:58:42	3.3	Middle	2	1	17.62	8.28	30.95	97.8	7.75	4	6.6
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	CS2	14:57:53	3.3	Middle	2	2	17.65	8.27	31.23	99.8	7.89	3.9	7.3
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	CS2	14:57:43	5.5	Bottom	3	1	17.7	8.26	32.45	101.2	7.93	4.1	8.9
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	CS2	14:58:30	5.5	Bottom	3	2	17.7	8.27	32.2	98.2	7.71	4.2	7.6
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	CS(Mf)5	16:43:33	1.0	Surface	1	1	18.74	8.01	32.92	92.4	7.08	3.3	6.3
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	CS(Mf)5	16:44:27	1.0	Surface	1	2	18.71	8.02	32.9	92.4	7.09	3.2	5.3
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	CS(Mf)5	16:44:12	6.4	Middle	2	1	18.93	8.02	33.29	91.6	6.98	3.4	5.8
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	CS(Mf)5	16:43:23	6.4	Middle	2	2	18.92	8.01	33.25	92.1	7.02	3.5	4.3
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	CS(Mf)5	16:44:02	11.8	Bottom	3	1	19.01	8.02	33.46	92.1	7.01	3.5	5.7
HKLR	HY/2011/03	2013-12-23	Mid-Ebb	Sunny	CS(Mf)5	16:43:13	11.8	Bottom	3	2	18.97	8.01	33.43	92.7	7.05	3.5	5.9
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	IS5	11:32:10	1.0	Surface	1	1	16.97	7.97	32.2	95.7	7.62	10.3	12.5
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	IS5	11:31:29	1.0	Surface	1	2	16.97	7.97	32.2	96	7.65	10.8	13.3
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	IS5	11:31:17	4.3	Middle	2	1	16.94	7.96	32.2	95.8	7.63	10.3	12.3
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	IS5	11:32:00	4.3	Middle	2	2	16.95	7.97	32.2	95.5	7.61	10.6	12.8
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	IS5	11:31:41	7.6	Bottom	3	1	16.94	7.97	32.2	95.5	7.61	10.4	12.6
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	IS5	11:31:07	7.6	Bottom	3	2	16.94	7.96	32.2	95.9	7.64	10.7	14.2
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	IS(Mf)6	11:24:22	1.0	Surface	1	1	17.15	7.98	32.18	97.7	7.75	14.1	12
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	IS(Mf)6	11:24:03	1.0	Surface	1	2	17.21	7.97	32.19	97.8	7.75	13.9	12.2
HKLR	HY/2011/03		Mid-Flood		IS(Mf)6			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		IS(Mf)6			Middle	2	2							
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	IS(Mf)6	11:24:12	2.3	Bottom	3	1	17.17	7.97	32.17	97.6	7.74	14.2	13
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	IS(Mf)6	11:23:50	2.3	Bottom	3	2	17.14	7.97	32.17	97.6	7.75	14.3	13.9
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	IS7	11:17:47	1.0	Surface	1	1	17.11	7.97	32.14	96.4	7.66	16.8	11.9
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	IS7	11:17:32	1.0	Surface	1	2	17.12	7.97	32.16	96.8	7.69	16.6	12.6
HKLR	HY/2011/03		Mid-Flood		IS7			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		IS7			Middle	2	2							
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	IS7	11:17:39	2.4	Bottom	3	1	17.07	7.97	32.11	96.5	7.67	16.2	12.9
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	IS7	11:17:25	2.4	Bottom	3	2	17.11	7.97	32.11	96.7	7.69	16.2	11.9
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	IS8	10:55:56	1.0	Surface	1	1	17.49	7.98	32.23	95.8	7.55	18.6	13.7
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	IS8	10:55:39	1.0	Surface	1	2	17.41	7.98	32.24	95.8	7.56	18.5	14.6
HKLR	HY/2011/03		Mid-Flood		IS8			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		IS8			Middle	2	2							
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	IS8	10:55:31	3.3	Bottom	3	1	17.45	7.98	32.2	95.7	7.55	18.2	14.5
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	IS8	10:55:47	3.3	Bottom	3	2	17.37	7.98	32.19	95.4	7.54	18.7	14.4
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	IS(Mf)9	11:11:06	1.0	Surface	1	1	16.98	7.96	32.16	97.4	7.75	21.7	12.1
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	IS(Mf)9	11:11:28	1.0	Surface	1	2	17.09	7.96	32.14	97.4	7.74	21.6	12

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		Mid-Flood		IS(Mf)9			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		IS(Mf)9			Middle	2	2							
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	IS(Mf)9	11:11:14	2.7	Bottom	3	1	16.96	7.96	32.14	97.1	7.74	22	13.4
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	IS(Mf)9	11:10:58	2.7	Bottom	3	2	16.95	7.96	32.14	97.3	7.76	21.7	14.4
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	IS10	10:53:04	1.0	Surface	1	1	17.25	8.22	32.18	96.3	7.63	8.4	12.7
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	IS10	10:53:46	1.0	Surface	1	2	17.23	8.22	32.18	96.1	7.61	8.6	12.9
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	IS10	10:52:47	5.2	Middle	2	1	17.21	8.22	32.2	95.8	7.59	9.1	13.8
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	IS10	10:53:35	5.2	Middle	2	2	17.21	8.22	32.21	95.7	7.58	9.2	13.5
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	IS10	10:53:21	9.4	Bottom	3	1	17.2	8.22	32.26	95.6	7.58	9.4	13.4
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	IS10	10:52:30	9.4	Bottom	3	2	17.19	8.22	32.26	95.7	7.59	9.8	13.3
HKLR	HY/2011/03		Mid-Flood		SR3			Surface	1	1							
HKLR	HY/2011/03		Mid-Flood		SR3			Surface	1	2							
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	SR3	11:38:47	0.7	Middle	2	1	16.98	7.97	32.2	96.2	7.66	11.4	13
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	SR3	11:38:57	0.7	Middle	2	2	16.99	7.97	32.19	96.2	7.66	11.3	13.2
HKLR	HY/2011/03		Mid-Flood		SR3			Bottom	3	1							
HKLR	HY/2011/03		Mid-Flood		SR3			Bottom	3	2							
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	SR4	11:00:47	1.0	Surface	1	1	17.39	7.97	32.12	96.5	7.63	8.8	8.8
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	SR4	11:00:58	1.0	Surface	1	2	17.4	7.97	32.12	96.1	7.6	8.7	9.2
HKLR	HY/2011/03		Mid-Flood		SR4			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		SR4			Middle	2	2							
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	SR4	11:00:40	2.7	Bottom	3	1	17.4	7.96	32.13	96.9	7.65	8.5	9.5
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	SR4	11:00:52	2.7	Bottom	3	2	17.39	7.97	32.13	96.3	7.61	8.7	8.4
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	SR5	11:03:10	1.0	Surface	1	1	17.21	8.22	32.2	96	7.61	10.1	13.8
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	SR5	11:03:32	1.0	Surface	1	2	17.22	8.22	32.19	95.8	7.59	9.9	14.4
HKLR	HY/2011/03		Mid-Flood		SR5			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		SR5			Middle	2	2							
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	SR5	11:03:21	4.3	Bottom	3	1	17.2	8.22	32.22	95.7	7.59	11	14.3
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	SR5	11:03:00	4.3	Bottom	3	2	17.19	8.22	32.24	95.7	7.59	11.6	14
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	SR10A	09:55:09	1.0	Surface	1	1	18.71	8.02	33.16	92.9	7.11	3.8	5.9
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	SR10A	09:54:42	1.0	Surface	1	2	18.72	8.03	33.19	92.9	7.12	3.8	4.4
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	SR10A	09:54:33	3.3	Middle	2	1	18.75	8.01	33.23	92.9	7.11	4.2	7.1
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	SR10A	09:55:00	3.3	Middle	2	2	18.76	8.01	33.23	92.9	7.1	4.2	8.7
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	SR10A	09:54:52	5.5	Bottom	3	1	18.76	8.02	33.26	93	7.11	4.1	7.9
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	SR10A	09:54:23	5.5	Bottom	3	2	18.76	8.01	33.26	93	7.11	4.1	6.5
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	SR10B	09:48:45	1.0	Surface	1	1	19.09	7.98	33.49	93	7.06	4.8	7.3
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	SR10B	09:48:59	1.0	Surface	1	2	19.09	7.99	33.5	92.8	7.05	4.7	8
HKLR	HY/2011/03		Mid-Flood		SR10B			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		SR10B			Middle	2	2							
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	SR10B	09:48:51	4.3	Bottom	3	1	19.09	7.99	33.49	92.9	7.05	4.7	6.6
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	SR10B	09:48:36	4.3	Bottom	3	2	19.09	7.98	33.48	93.1	7.07	4.9	7.2
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	CS2	12:18:50	1.0	Surface	1	1	17.29	8.23	31.93	96.7	7.66	6	5.6
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	CS2	12:17:56	1.0	Surface	1	2	17.26	8.23	31.99	96.4	7.64	6.7	6.2
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	CS2	12:18:37	3.5	Middle	2	1	17.24	8.23	32.14	96.3	7.63	6.1	6.2
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	CS2	12:17:47	3.5	Middle	2	2	17.24	8.23	32.18	96.1	7.61	6.7	6.4
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	CS2	12:17:38	6.0	Bottom	3	1	17.24	8.23	32.17	96.1	7.61	9.7	8.4
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	CS2	12:18:14	6.0	Bottom	3	2	17.24	8.23	32.17	96.1	7.61	9.3	7.9
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	CS(Mf)5	10:25:00	1.0	Surface	1	1	17.93	7.96	32	92.8	7.26	6	5.8
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	CS(Mf)5	10:25:42	1.0	Surface	1	2	17.89	7.97	31.99	92.4	7.24	5.7	5.6
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	CS(Mf)5	10:24:50	6.4	Middle	2	1	18.84	7.98	33.23	93.7	7.16	7.5	6.6
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	CS(Mf)5	10:25:30	6.4	Middle	2	2	18.81	7.98	33.23	93.2	7.12	7.6	6
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	CS(Mf)5	10:25:20	11.8	Bottom	3	1	18.83	7.98	33.39	93.9	7.17	7.9	6.8
HKLR	HY/2011/03	2013-12-23	Mid-Flood	Sunny	CS(Mf)5	10:24:39	11.8	Bottom	3	2	18.73	7.97	33.46	94.7	7.24	7.7	5.2
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	IS5	17:41:17	1.0	Surface	1	1	16.99	7.98	32.05	98.3	7.83	8.6	8
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	IS5	17:40:46	1.0	Surface	1	2	16.98	7.98	32.06	98.2	7.82	8.8	8.6
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	IS5	17:40:37	4.3	Middle	2	1	16.94	7.97	32.07	97.9	7.8	9.1	10.1
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	IS5	17:41:07	4.3	Middle	2	2	16.97	7.98	32.06	97.9	7.8	9.3	10.8
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	IS5	17:40:31	7.6	Bottom	3	1	16.95	7.97	32.05	98	7.81	9.5	12.4
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	IS5	17:40:54	7.6	Bottom	3	2	16.96	7.98	32.05	98	7.81	9.4	12.7
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	IS(Mf)6	17:47:14	1.0	Surface	1	1	17.03	8	32.03	101.7	8.1	6.5	7.4
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	IS(Mf)6	17:47:36	1.0	Surface	1	2	17.04	8	32.03	101.6	8.09	6.4	6.7
HKLR	HY/2011/03		Mid-Ebb		IS(Mf)6			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		IS(Mf)6			Middle	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	2013-12-25	Mid-Ebb	Sunny	IS(Mf)6	17:47:00	2.2	Bottom	3	1	16.99	7.99	32.05	101.9	8.12	6.4	8.3
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	IS(Mf)6	17:47:24	2.2	Bottom	3	2	16.99	7.99	32.05	101.4	8.08	6.5	6.5
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	IS7	17:54:00	1.0	Surface	1	1	17.34	8	32.05	101.3	8.01	7.1	7.9
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	IS7	17:53:43	1.0	Surface	1	2	17.32	8	32.05	101	8	7.1	8.6
HKLR	HY/2011/03		Mid-Ebb		IS7			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		IS7			Middle	2	2							
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	IS7	17:53:33	2.2	Bottom	3	1	17.3	7.99	32	100.8	7.99	7.2	7.9
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	IS7	17:53:50	2.2	Bottom	3	2	17.25	7.99	32.03	100.8	7.99	7.2	7.5
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	IS8	18:15:57	1.0	Surface	1	1	17.85	8.02	32.14	100.1	7.84	4.2	5.9
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	IS8	18:16:11	1.0	Surface	1	2	17.85	8.02	32.13	100.2	7.85	4.2	5.9
HKLR	HY/2011/03		Mid-Ebb		IS8			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		IS8			Middle	2	2							
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	IS8	18:15:50	2.9	Bottom	3	1	17.85	8.02	32.15	99.9	7.82	4	5.5
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	IS8	18:16:04	2.9	Bottom	3	2	17.85	8.02	32.14	100.1	7.84	4.1	5.4
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	IS(Mf)9	17:59:32	1.0	Surface	1	1	17.54	8	32.04	99.4	7.83	7.2	8.4
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	IS(Mf)9	17:59:52	1.0	Surface	1	2	17.51	8	32.04	98.9	7.8	7.2	7.7
HKLR	HY/2011/03		Mid-Ebb		IS(Mf)9			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		IS(Mf)9			Middle	2	2							
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	IS(Mf)9	17:59:43	2.8	Bottom	3	1	17.48	8	32.02	98.9	7.81	7.2	7.8
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	IS(Mf)9	17:59:22	2.8	Bottom	3	2	17.53	8	32.02	99.3	7.83	7.2	8
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	IS10	18:28:54	1.0	Surface	1	1	17.74	8.21	32.29	96.9	7.6	5.3	7.8
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	IS10	18:29:50	1.0	Surface	1	2	17.74	8.21	32.29	97	7.6	5.5	8.1
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	IS10	18:29:43	5.7	Middle	2	1	17.73	8.21	32.29	96.4	7.56	6.1	9.6
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	IS10	18:28:44	5.7	Middle	2	2	17.74	8.21	32.32	96.4	7.56	6.3	8.4
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	IS10	18:28:31	10.3	Bottom	3	1	17.72	8.21	32.36	96.1	7.53	7.5	9.3
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	IS10	18:29:31	10.3	Bottom	3	2	17.68	8.2	32.38	96.1	7.54	7.8	7.9
HKLR	HY/2011/03		Mid-Ebb		SR3			Surface	1	1							
HKLR	HY/2011/03		Mid-Ebb		SR3			Surface	1	2							
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	SR3	17:31:45	0.7	Middle	2	1	17	7.96	32.05	100.3	7.99	11	10.6
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	SR3	17:31:56	0.7	Middle	2	2	16.98	7.97	32.05	99.9	7.96	10	10.2
HKLR	HY/2011/03		Mid-Ebb		SR3			Bottom	3	1							
HKLR	HY/2011/03		Mid-Ebb		SR3			Bottom	3	2							
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	SR4	18:09:50	1.0	Surface	1	1	17.85	8.02	32.16	100.1	7.83	4.3	6.4
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	SR4	18:09:31	1.0	Surface	1	2	17.85	8.02	32.17	100	7.83	4.2	5.2
HKLR	HY/2011/03		Mid-Ebb		SR4			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		SR4			Middle	2	2							
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	SR4	18:09:38	2.9	Bottom	3	1	17.85	8.02	32.17	100	7.83	4.3	5.8
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	SR4	18:09:22	2.9	Bottom	3	2	17.85	8.01	32.18	99.8	7.82	4.3	6.4
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	SR5	18:15:03	1.0	Surface	1	1	17.75	8.2	32.31	97.7	7.66	4.5	8.3
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	SR5	18:15:24	1.0	Surface	1	2	17.76	8.2	32.33	97.7	7.66	4.6	7.4
HKLR	HY/2011/03		Mid-Ebb		SR5			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		SR5			Middle	2	2							
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	SR5	18:14:51	4.5	Bottom	3	1	17.77	8.2	32.35	97.6	7.65	4.6	7.8
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	SR5	18:15:09	4.5	Bottom	3	2	17.77	8.2	32.35	97.6	7.65	4.8	8
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	SR10A	19:23:35	1.0	Surface	1	1	18.74	8.03	33.57	93.6	7.15	2.9	3.1
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	SR10A	19:23:57	1.0	Surface	1	2	18.76	8.03	33.58	93.4	7.13	3	4.2
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	SR10A	19:23:26	3.3	Middle	2	1	18.75	8.02	33.59	93.4	7.13	2.8	4.6
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	SR10A	19:23:50	3.3	Middle	2	2	18.78	8.03	33.63	93.4	7.13	2.9	3.6
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	SR10A	19:23:43	5.6	Bottom	3	1	18.76	8.03	33.63	93.6	7.14	2.9	4.2
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	SR10A	19:23:19	5.6	Bottom	3	2	18.74	8.02	33.59	93.5	7.14	2.8	5.9
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	SR10B	19:31:57	1.0	Surface	1	1	18.75	8.03	33.58	93.1	7.11	2.7	3.3
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	SR10B	19:32:17	1.0	Surface	1	2	18.76	8.03	33.58	93.2	7.11	2.7	3.4
HKLR	HY/2011/03		Mid-Ebb		SR10B			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		SR10B			Middle	2	2							
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	SR10B	19:31:49	4.2	Bottom	3	1	18.75	8.03	33.6	93.1	7.11	2.8	4.9
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	SR10B	19:32:06	4.2	Bottom	3	2	18.77	8.03	33.62	93	7.1	2.9	5.7
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	CS2	17:16:53	1.0	Surface	1	1	17.76	8.15	32.42	94.7	7.42	5	9
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	CS2	17:17:52	1.0	Surface	1	2	17.77	8.18	32.37	94.9	7.44	4.9	8
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	CS2	17:17:44	4.2	Middle	2	1	17.81	8.18	32.46	94	7.35	5.2	8
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	CS2	17:16:45	4.2	Middle	2	2	17.85	8.14	32.51	93.8	7.33	5.4	8.5
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	CS2	17:16:37	7.3	Bottom	3	1	18.01	8.14	32.75	94	7.31	5.8	7.7
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	CS2	17:17:33	7.3	Bottom	3	2	18.06	8.17	32.77	94.2	7.32	5.7	8.7

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	2013-12-25	Mid-Ebb	Sunny	CS(Mf)5	18:57:29	1.0	Surface	1	1	18.48	8.03	32.99	94.6	7.28	3	4.9
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	CS(Mf)5	18:56:47	1.0	Surface	1	2	18.47	8.03	33	94.3	7.26	2.9	5.9
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	CS(Mf)5	18:57:20	6.3	Middle	2	1	18.57	8.03	33.37	94.8	7.27	3	4.1
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	CS(Mf)5	18:56:37	6.3	Middle	2	2	18.72	8.03	33.46	94.1	7.2	3	6.2
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	CS(Mf)5	18:57:01	11.5	Bottom	3	1	18.75	8.03	33.6	94.9	7.25	3.3	5.8
HKLR	HY/2011/03	2013-12-25	Mid-Ebb	Sunny	CS(Mf)5	18:56:25	11.5	Bottom	3	2	18.77	8.03	33.61	94.9	7.24	3.2	7.2
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	IS5	13:13:12	1.0	Surface	1	1	16.97	7.98	32.02	99.5	7.93	7.4	7.8
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	IS5	13:13:44	1.0	Surface	1	2	16.94	7.98	32.02	99	7.9	7.5	6.8
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	IS5	13:13:34	4.4	Middle	2	1	16.9	7.98	32.03	98.6	7.87	7.6	8.9
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	IS5	13:12:58	4.4	Middle	2	2	16.9	7.97	32.04	98.8	7.89	7.7	8.4
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	IS5	13:12:48	7.8	Bottom	3	1	16.9	7.97	32.04	99	7.9	7.6	7.8
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	IS5	13:13:24	7.8	Bottom	3	2	16.91	7.97	32.04	98.9	7.9	7.5	7.7
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	IS(Mf)6	13:05:50	1.0	Surface	1	1	17.18	7.98	32.01	101.6	8.07	7.5	10
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	IS(Mf)6	13:05:26	1.0	Surface	1	2	17.18	7.98	32.01	101.6	8.06	7.5	10.5
HKLR	HY/2011/03		Mid-Flood		IS(Mf)6			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		IS(Mf)6			Middle	2	2							
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	IS(Mf)6	13:05:12	2.3	Bottom	3	1	17.18	7.98	32.02	101.5	8.06	7.6	10.9
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	IS(Mf)6	13:05:34	2.3	Bottom	3	2	17.18	7.98	32.01	101.6	8.07	7.7	11.2
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	IS7	13:00:01	1.0	Surface	1	1	17.33	7.98	32.04	100.6	7.96	8.5	9
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	IS7	12:59:44	1.0	Surface	1	2	17.32	7.98	32.04	100.7	7.97	8.3	9.2
HKLR	HY/2011/03		Mid-Flood		IS7			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		IS7			Middle	2	2							
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	IS7	12:59:33	2.2	Bottom	3	1	17.22	7.97	32.03	100.5	7.98	8.7	8.9
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	IS7	12:59:51	2.2	Bottom	3	2	17.28	7.98	32.02	100.4	7.96	8.6	8.9
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	IS8	12:36:36	1.0	Surface	1	1	17.7	7.98	32.18	96.5	7.58	10.2	15.7
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	IS8	12:36:55	1.0	Surface	1	2	17.73	7.98	32.18	96.3	7.56	10.5	16.8
HKLR	HY/2011/03		Mid-Flood		IS8			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		IS8			Middle	2	2							
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	IS8	12:36:44	2.8	Bottom	3	1	17.68	7.98	32.18	96.2	7.55	10.3	17
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	IS8	12:36:27	2.8	Bottom	3	2	17.68	7.97	32.19	96.6	7.59	10.5	17.1
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	IS(Mf)9	12:53:37	1.0	Surface	1	1	17.45	7.97	32.05	96.9	7.65	14.1	13.9
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	IS(Mf)9	12:53:18	1.0	Surface	1	2	17.42	7.97	32.06	97.2	7.68	14.4	13.9
HKLR	HY/2011/03		Mid-Flood		IS(Mf)9			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		IS(Mf)9			Middle	2	2							
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	IS(Mf)9	12:53:10	2.7	Bottom	3	1	17.33	7.97	32	97	7.68	15.2	14.3
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	IS(Mf)9	12:53:26	2.7	Bottom	3	2	17.34	7.97	32	96.8	7.66	15	13.6
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	IS10	12:30:33	1.0	Surface	1	1	17.64	8.2	32.44	95.8	7.52	8	14.4
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	IS10	12:29:54	1.0	Surface	1	2	17.65	8.2	32.47	95.6	7.5	7.9	13.4
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	IS10	12:30:27	5.8	Middle	2	1	17.65	8.2	32.5	95.6	7.5	8.1	14
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	IS10	12:29:48	5.8	Middle	2	2	17.66	8.19	32.51	95.4	7.48	8.2	12.8
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	IS10	12:29:38	10.6	Bottom	3	1	17.67	8.19	32.55	95.4	7.48	8.4	12.4
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	IS10	12:30:20	10.6	Bottom	3	2	17.66	8.2	32.54	95.6	7.49	8.2	14.4
HKLR	HY/2011/03		Mid-Flood		SR3			Surface	1	1							
HKLR	HY/2011/03		Mid-Flood		SR3			Surface	1	2							
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	SR3	13:21:36	0.6	Middle	2	1	16.99	7.99	32.01	99.9	7.96	7.4	9
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	SR3	13:21:29	0.6	Middle	2	2	16.99	7.99	32.01	99.9	7.96	7.5	7.4
HKLR	HY/2011/03		Mid-Flood		SR3			Bottom	3	1							
HKLR	HY/2011/03		Mid-Flood		SR3			Bottom	3	2							
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	SR4	12:43:05	1.0	Surface	1	1	17.65	7.98	32.11	97.7	7.68	6.2	11.2
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	SR4	12:42:48	1.0	Surface	1	2	17.64	7.98	32.12	98.8	7.77	6.3	11.5
HKLR	HY/2011/03		Mid-Flood		SR4			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		SR4			Middle	2	2							
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	SR4	12:42:40	2.8	Bottom	3	1	17.62	7.98	32.13	99.6	7.83	6.4	11.3
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	SR4	12:42:58	2.8	Bottom	3	2	17.64	7.98	32.12	98	7.7	6.4	11.4
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	SR5	12:41:42	1.0	Surface	1	1	17.66	8.21	32.47	96.6	7.58	7.7	12
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	SR5	12:41:53	1.0	Surface	1	2	17.65	8.21	32.45	96.6	7.58	7.5	12.2
HKLR	HY/2011/03		Mid-Flood		SR5			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		SR5			Middle	2	2							
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	SR5	12:41:36	4.5	Bottom	3	1	17.65	8.21	32.47	96.5	7.57	7.8	12.5
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	SR5	12:41:48	4.5	Bottom	3	2	17.66	8.21	32.45	96.5	7.57	7.6	14.3
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	SR10A	11:37:26	1.0	Surface	1	1	18.73	8	33.4	92.6	7.08	2.4	4.5
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	SR10A	11:37:00	1.0	Surface	1	2	18.73	8	33.41	92.8	7.09	2.5	5.9

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	2013-12-25	Mid-Flood	Sunny	SR10A	11:37:17	3.3	Middle	2	1	18.74	8	33.44	92.5	7.07	2.6	5.7
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	SR10A	11:36:52	3.3	Middle	2	2	18.73	7.99	33.43	92.7	7.08	2.6	7
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	SR10A	11:37:09	5.5	Bottom	3	1	18.74	8	33.45	92.6	7.08	2.6	6.2
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	SR10A	11:36:40	5.5	Bottom	3	2	18.73	7.99	33.43	92.7	7.08	2.5	7.8
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	SR10B	11:31:11	1.0	Surface	1	1	18.89	8	33.48	93.6	7.13	2.8	9.1
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	SR10B	11:31:29	1.0	Surface	1	2	18.89	8	33.5	93.2	7.1	2.8	9.2
HKLR	HY/2011/03		Mid-Flood		SR10B			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		SR10B			Middle	2	2							
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	SR10B	11:31:20	4.5	Bottom	3	1	18.89	8	33.49	93.3	7.11	2.8	8
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	SR10B	11:31:01	4.5	Bottom	3	2	18.89	7.99	33.47	93.9	7.15	2.9	8.5
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	CS2	13:37:12	1.0	Surface	1	1	17.93	8.22	32.65	94.8	7.39	5.8	7.8
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	CS2	13:38:02	1.0	Surface	1	2	17.87	8.22	32.61	94.9	7.41	5.6	7.7
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	CS2	13:37:07	4.2	Middle	2	1	17.97	8.22	32.72	94.7	7.37	6	8.2
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	CS2	13:37:56	4.2	Middle	2	2	17.93	8.22	32.67	94.7	7.38	5.8	8.6
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	CS2	13:36:56	7.3	Bottom	3	1	18.02	8.22	32.8	94.6	7.36	6.5	8.4
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	CS2	13:37:39	7.3	Bottom	3	2	18.05	8.22	32.82	94.7	7.36	6.4	8.8
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	CS(Mf)5	12:07:51	1.0	Surface	1	1	18.51	8.01	33.14	92.5	7.11	5.7	5.5
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	CS(Mf)5	12:06:56	1.0	Surface	1	2	18.27	8	32.91	93.2	7.21	5.8	4.5
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	CS(Mf)5	12:07:40	6.6	Middle	2	1	18.72	8.01	33.46	92.5	7.07	6.7	5.6
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	CS(Mf)5	12:06:40	6.6	Middle	2	2	18.71	8	33.46	92.6	7.08	6.6	4.4
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	CS(Mf)5	12:06:24	12.1	Bottom	3	1	18.72	8	33.47	92.9	7.1	6.7	4.5
HKLR	HY/2011/03	2013-12-25	Mid-Flood	Sunny	CS(Mf)5	12:07:27	12.1	Bottom	3	2	18.73	8.01	33.47	92.7	7.09	6.8	3.8
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	IS5	08:13:15	1.0	Surface	1	1	16.53	8.04	32.29	98.2	7.88	4.6	11.2
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	IS5	08:12:40	1.0	Surface	1	2	16.56	8.03	32.29	98.3	7.89	4.6	12
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	IS5	08:12:26	4.4	Middle	2	1	16.58	8.03	32.31	98.1	7.87	4.6	11.8
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	IS5	08:13:04	4.4	Middle	2	2	16.55	8.03	32.3	98.1	7.87	4.6	12.2
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	IS5	08:12:54	7.7	Bottom	3	1	16.56	8.03	32.3	98	7.86	4.4	14.2
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	IS5	08:12:15	7.7	Bottom	3	2	16.58	8.03	32.32	98.3	7.88	4.6	15.8
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	IS(Mf)6	08:05:21	1.0	Surface	1	1	16.19	8.03	32.28	99	8	20.2	26.6
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	IS(Mf)6	08:05:01	1.0	Surface	1	2	16.19	8.03	32.27	99.1	8.01	19.8	26.4
HKLR	HY/2011/03		Mid-Ebb		IS(Mf)6			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		IS(Mf)6			Middle	2	2							
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	IS(Mf)6	08:05:11	2.1	Bottom	3	1	16.19	8.03	32.28	99	8	21.4	27.8
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	IS(Mf)6	08:04:54	2.1	Bottom	3	2	16.19	8.03	32.27	99	8	21.2	27.6
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	IS7	07:56:03	1.0	Surface	1	1	16.27	8.02	32.3	100.7	8.12	7.5	13
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	IS7	07:56:22	1.0	Surface	1	2	16.26	8.02	32.3	100	8.07	7.2	14.9
HKLR	HY/2011/03		Mid-Ebb		IS7			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		IS7			Middle	2	2							
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	IS7	07:56:13	2.4	Bottom	3	1	16.26	8.02	32.3	100.2	8.08	7.3	17
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	IS7	07:55:53	2.4	Bottom	3	2	16.26	8.01	32.3	101.3	8.17	7.5	17.1
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	IS8	07:29:11	1.0	Surface	1	1	17.26	8.03	33.04	95.4	7.52	6.7	16.2
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	IS8	07:28:48	1.0	Surface	1	2	17.26	8.02	33.04	95.7	7.54	6.6	16.7
HKLR	HY/2011/03		Mid-Ebb		IS8			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		IS8			Middle	2	2							
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	IS8	07:29:03	2.9	Bottom	3	1	17.26	8.03	33.05	95.4	7.52	6.9	17.2
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	IS8	07:28:40	2.9	Bottom	3	2	17.26	8.02	33.05	96	7.56	6.7	17.4
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	IS(Mf)9	07:49:57	1.0	Surface	1	1	16.68	8.03	32.44	101	8.07	10.5	19.9
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	IS(Mf)9	07:50:13	1.0	Surface	1	2	16.68	8.03	32.44	100	7.99	10.5	19.7
HKLR	HY/2011/03		Mid-Ebb		IS(Mf)9			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		IS(Mf)9			Middle	2	2							
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	IS(Mf)9	07:49:51	2.3	Bottom	3	1	16.68	8.02	32.44	101.4	8.11	10.6	18.7
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	IS(Mf)9	07:50:05	2.3	Bottom	3	2	16.68	8.03	32.44	100.4	8.03	10.7	19.7
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	IS10	07:24:56	1.0	Surface	1	1	17.41	8.11	32.94	95.2	7.49	3.3	12.7
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	IS10	07:25:34	1.0	Surface	1	2	17.34	8.11	32.93	95.2	7.5	3.3	12.6
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	IS10	07:25:24	5.3	Middle	2	1	17.53	8.11	33.04	95.1	7.45	3.5	13.8
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	IS10	07:24:46	5.3	Middle	2	2	17.64	8.11	33.07	95.2	7.45	3.3	13.2
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	IS10	07:25:09	9.5	Bottom	3	1	17.64	8.11	33.23	95.6	7.47	3.5	18.3
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	IS10	07:24:36	9.5	Bottom	3	2	17.62	8.1	33.23	95.7	7.48	3.5	17
HKLR	HY/2011/03		Mid-Ebb		SR3			Surface	1	1							
HKLR	HY/2011/03		Mid-Ebb		SR3			Surface	1	2							
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	SR3	08:24:12	0.8	Middle	2	1	16.55	8.04	32.28	98.4	7.89	4.6	10.8
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	SR3	08:24:19	0.8	Middle	2	2	16.52	8.04	32.28	98.3	7.89	5.1	10.3

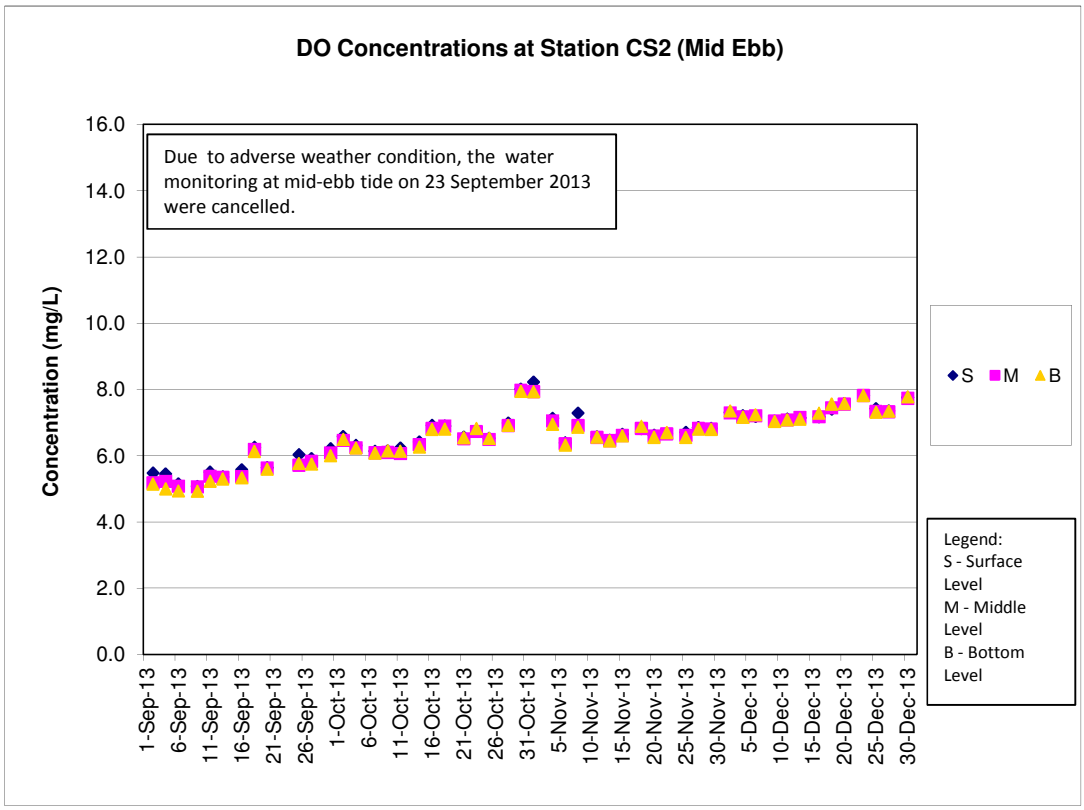
Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03		Mid-Ebb		SR3			Bottom	3	1							
HKLR	HY/2011/03		Mid-Ebb		SR3			Bottom	3	2							
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	SR4	07:36:07	1.0	Surface	1	1	15.99	8.01	31.52	95.9	7.82	3	11.6
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	SR4	07:35:46	1.0	Surface	1	2	16.14	8.01	31.07	96.4	7.85	3.1	10.8
HKLR	HY/2011/03		Mid-Ebb		SR4			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		SR4			Middle	2	2							
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	SR4	07:35:57	2.6	Bottom	3	1	16.15	8.01	31.87	96.6	7.83	3.2	13.2
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	SR4	07:35:40	2.6	Bottom	3	2	16.35	8	32.41	98.1	7.89	3	13
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	SR5	07:34:16	1.0	Surface	1	1	17.24	8.12	32.88	95.8	7.56	3.5	13
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	SR5	07:33:57	1.0	Surface	1	2	17.23	8.12	32.87	95.9	7.57	3.6	12.6
HKLR	HY/2011/03		Mid-Ebb		SR5			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		SR5			Middle	2	2							
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	SR5	07:33:46	3.7	Bottom	3	1	17.21	8.12	32.86	95.8	7.56	3.5	15.6
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	SR5	07:34:07	3.7	Bottom	3	2	17.26	8.12	32.93	96	7.56	3.6	14.6
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	SR10A	06:27:27	1.0	Surface	1	1	18.57	8.01	33.72	93	7.12	2	14.6
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	SR10A	06:27:52	1.0	Surface	1	2	18.57	8.02	33.72	92.6	7.09	2.1	13.2
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	SR10A	06:27:18	3.2	Middle	2	1	18.57	8.01	33.73	93.2	7.13	2.1	14.2
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	SR10A	06:27:44	3.2	Middle	2	2	18.57	8.02	33.73	92.6	7.08	1.9	14.1
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	SR10A	06:27:06	5.3	Bottom	3	1	18.57	8	33.73	93.6	7.16	2.2	15
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	SR10A	06:27:36	5.3	Bottom	3	2	18.57	8.01	33.73	92.6	7.09	2	14.8
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	SR10B	06:13:38	1.0	Surface	1	1	18.49	7.99	33.64	94.8	7.27	2.2	13.2
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	SR10B	06:13:57	1.0	Surface	1	2	18.5	8	33.66	94.3	7.23	2.4	12.5
HKLR	HY/2011/03		Mid-Ebb		SR10B			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		SR10B			Middle	2	2							
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	SR10B	06:13:27	4.6	Bottom	3	1	18.5	7.99	33.63	95.2	7.3	2.2	14.1
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	SR10B	06:13:46	4.6	Bottom	3	2	18.5	7.99	33.66	94.4	7.23	2.2	14.6
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	CS2	09:01:21	1.0	Surface	1	1	17.75	8.13	33.26	94.4	7.36	2.3	14.7
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	CS2	09:01:52	1.0	Surface	1	2	17.75	8.13	33.27	94.4	7.36	2.2	15
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	CS2	09:01:43	4.1	Middle	2	1	17.87	8.13	33.35	94.3	7.33	2.4	15.6
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	CS2	09:01:11	4.1	Middle	2	2	17.9	8.13	33.38	94.4	7.33	2.4	15.6
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	CS2	09:01:32	7.1	Bottom	3	1	17.85	8.13	33.38	94.4	7.34	2.4	16.7
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	CS2	09:00:59	7.1	Bottom	3	2	17.89	8.13	33.41	94.7	7.36	2.4	16.4
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	CS(Mf)5	06:58:51	1.0	Surface	1	1	18.56	8.03	33.79	92.3	7.06	2.1	13.2
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	CS(Mf)5	06:58:09	1.0	Surface	1	2	18.57	8.01	33.79	92.6	7.08	2.1	13.4
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	CS(Mf)5	06:58:31	6.7	Middle	2	1	18.58	8.02	33.8	92	7.04	2.3	12.1
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	CS(Mf)5	06:57:55	6.7	Middle	2	2	18.59	8	33.8	92.5	7.07	2.2	13.7
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	CS(Mf)5	06:58:20	12.4	Bottom	3	1	18.58	8.01	33.8	92.2	7.05	2.4	13.2
HKLR	HY/2011/03	2013-12-27	Mid-Ebb	Sunny	CS(Mf)5	06:57:43	12.4	Bottom	3	2	18.59	8	33.8	92.8	7.1	2.3	13.8
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	IS5	12:52:23	1.0	Surface	1	1	16.29	8	31.88	100.7	8.14	9.7	13.2
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	IS5	12:53:01	1.0	Surface	1	2	16.29	8	31.88	100.3	8.11	10.7	13.4
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	IS5	12:52:44	4.4	Middle	2	1	16.24	8	31.9	100	8.09	11.3	14.5
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	IS5	12:52:09	4.4	Middle	2	2	16.28	8	31.92	100.3	8.11	10.5	15.5
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	IS5	12:52:32	7.8	Bottom	3	1	16.26	8	31.9	100.4	8.12	10.7	17.1
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	IS5	12:52:01	7.8	Bottom	3	2	16.27	8	31.9	100.4	8.11	10.2	16
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	IS(Mf)6	13:00:01	1.0	Surface	1	1	16.36	8.02	31.92	103.9	8.39	8.2	19.2
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	IS(Mf)6	12:59:41	1.0	Surface	1	2	16.37	8.02	31.93	104.3	8.42	8.2	20.5
HKLR	HY/2011/03		Mid-Flood		IS(Mf)6			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		IS(Mf)6			Middle	2	2							
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	IS(Mf)6	12:59:31	2.4	Bottom	3	1	16.37	8.01	31.94	104.5	8.44	8.6	20.7
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	IS(Mf)6	12:59:48	2.4	Bottom	3	2	16.36	8.02	31.94	104	8.39	8.1	21.3
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	IS7	13:06:45	1.0	Surface	1	1	16.39	8.01	32	102.7	8.28	7.3	17
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	IS7	13:06:28	1.0	Surface	1	2	16.4	8.01	32	102.9	8.29	7.5	17.1
HKLR	HY/2011/03		Mid-Flood		IS7			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		IS7			Middle	2	2							
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	IS7	13:06:35	2.4	Bottom	3	1	16.4	8.01	32	102.7	8.28	7.6	16.4
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	IS7	13:06:18	2.4	Bottom	3	2	16.41	8.01	32	103.2	8.31	7.8	17
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	IS8	13:35:14	1.0	Surface	1	1	17.35	8.01	32.72	97.2	7.66	8.6	22.4
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	IS8	13:35:31	1.0	Surface	1	2	17.35	8.01	32.72	97.2	7.66	8.3	23
HKLR	HY/2011/03		Mid-Flood		IS8			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		IS8			Middle	2	2							
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	IS8	13:35:03	2.8	Bottom	3	1	17.35	8.01	32.74	97.1	7.65	9.1	22.6
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	IS8	13:35:21	2.8	Bottom	3	2	17.35	8.01	32.74	97	7.65	8.4	22.6

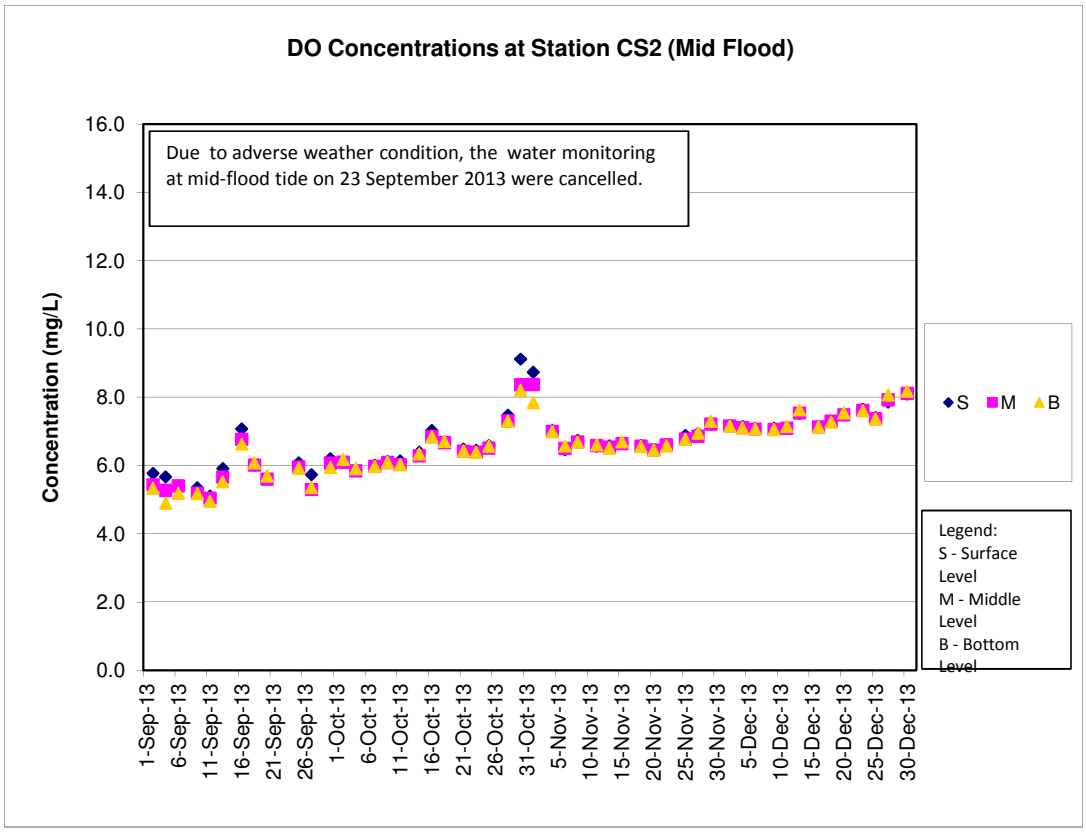
Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	IS(Mf)9	13:15:06	1.0	Surface	1	1	17.05	8.02	32.51	98.6	7.82	10.9	22.1
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	IS(Mf)9	13:14:50	1.0	Surface	1	2	17.05	8.02	32.52	99	7.86	11.2	21.6
HKLR	HY/2011/03		Mid-Flood		IS(Mf)9			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		IS(Mf)9			Middle	2	2							
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	IS(Mf)9	13:14:59	2.7	Bottom	3	1	17.05	8.02	32.52	98.6	7.82	11	24.7
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	IS(Mf)9	13:14:44	2.7	Bottom	3	2	17.04	8.02	32.52	99.3	7.88	11.3	24.2
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	IS10	14:18:41	1.0	Surface	1	1	17.76	8.17	33.07	94.9	7.4	3.1	13.4
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	IS10	14:18:06	1.0	Surface	1	2	17.81	8.17	33.19	95.3	7.42	3.2	13.6
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	IS10	14:17:57	5.4	Middle	2	1	18.02	8.17	33.45	95.3	7.38	3.1	12.9
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	IS10	14:18:31	5.4	Middle	2	2	18.01	8.17	33.42	94.6	7.33	3.2	11.8
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	IS10	14:18:23	9.7	Bottom	3	1	18.06	8.17	33.57	95.4	7.38	3.1	17.2
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	IS10	14:17:49	9.7	Bottom	3	2	17.97	8.17	33.52	96	7.44	3.2	16
HKLR	HY/2011/03		Mid-Flood		SR3			Surface	1	1							
HKLR	HY/2011/03		Mid-Flood		SR3			Surface	1	2							
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	SR3	12:38:40	0.9	Middle	2	1	16.35	7.98	31.87	102.3	8.26	5.5	16.4
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	SR3	12:39:01	0.9	Middle	2	2	16.34	7.98	31.88	102	8.24	5.3	17.4
HKLR	HY/2011/03		Mid-Flood		SR3			Bottom	3	1							
HKLR	HY/2011/03		Mid-Flood		SR3			Bottom	3	2							
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	SR4	13:28:00	1.0	Surface	1	1	17.36	7.99	32.75	97.6	7.69	8.9	16.6
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	SR4	13:27:35	1.0	Surface	1	2	17.36	7.98	32.78	98.2	7.73	9	17.9
HKLR	HY/2011/03		Mid-Flood		SR4			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		SR4			Middle	2	2							
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	SR4	13:27:47	2.6	Bottom	3	1	17.35	7.99	32.79	97.7	7.7	8.7	17.4
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	SR4	13:27:28	2.6	Bottom	3	2	17.36	7.98	32.8	98.3	7.74	8.9	17
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	SR5	14:08:56	1.0	Surface	1	1	17.93	8.17	33.39	97.8	7.59	2.3	11.8
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	SR5	14:09:17	1.0	Surface	1	2	17.85	8.17	33.31	97.3	7.57	2.4	12.5
HKLR	HY/2011/03		Mid-Flood		SR5			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		SR5			Middle	2	2							
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	SR5	14:08:42	3.8	Bottom	3	1	17.9	8.17	33.36	98.1	7.62	2.3	14
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	SR5	14:09:06	3.8	Bottom	3	2	17.85	8.17	33.29	97.3	7.57	2.3	15.1
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	SR10A	14:44:01	1.0	Surface	1	1	18.56	8.06	33.59	93.6	7.17	2.5	13.7
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	SR10A	14:43:26	1.0	Surface	1	2	18.56	8.05	33.59	93.9	7.19	2.6	13
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	SR10A	14:43:49	3.4	Middle	2	1	18.56	8.06	33.65	93.5	7.16	2.4	13
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	SR10A	14:43:13	3.4	Middle	2	2	18.57	8.05	33.65	93.9	7.19	2.5	12.5
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	SR10A	14:43:41	5.7	Bottom	3	1	18.57	8.05	33.66	93.5	7.16	2.4	14.5
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	SR10A	14:43:01	5.7	Bottom	3	2	18.56	8.05	33.68	93.9	7.19	2.5	13.7
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	SR10B	14:58:26	1.0	Surface	1	1	18.56	8.06	33.59	93.1	7.13	2.4	12
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	SR10B	14:58:03	1.0	Surface	1	2	18.56	8.06	33.6	93.2	7.14	2.6	12.4
HKLR	HY/2011/03		Mid-Flood		SR10B			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		SR10B			Middle	2	2							
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	SR10B	14:57:54	4.4	Bottom	3	1	18.56	8.06	33.62	93.1	7.13	2.7	12.1
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	SR10B	14:58:12	4.4	Bottom	3	2	18.56	8.06	33.62	93.1	7.13	2.7	14.2
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	CS2	12:36:13	1.0	Surface	1	1	17.74	8.14	33.32	102	7.95	2.7	12.9
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	CS2	12:36:44	1.0	Surface	1	2	17.74	8.2	33.26	99.8	7.78	2.8	12.4
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	CS2	12:36:33	4.1	Middle	2	1	17.77	8.19	33.32	100.2	7.8	2.8	14.5
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	CS2	12:36:00	4.1	Middle	2	2	17.78	8.1	33.39	103.4	8.05	2.9	15
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	CS2	12:35:44	7.1	Bottom	3	1	17.8	8.08	33.48	106.5	8.28	3.2	15.6
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	CS2	12:36:25	7.1	Bottom	3	2	17.76	8.17	33.36	100.9	7.86	3.3	14.8
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	CS(Mf)5	14:10:25	1.0	Surface	1	1	18.54	8.06	33.56	93.4	7.16	2.5	12
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	CS(Mf)5	14:11:01	1.0	Surface	1	2	18.54	8.06	33.58	93.1	7.14	2.5	11.2
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	CS(Mf)5	14:10:10	6.7	Middle	2	1	18.54	8.06	33.66	93.2	7.14	2.7	13.9
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	CS(Mf)5	14:10:50	6.7	Middle	2	2	18.54	8.06	33.66	92.8	7.11	2.6	12.9
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	CS(Mf)5	14:10:39	12.3	Bottom	3	1	18.54	8.06	33.65	92.9	7.12	2.7	14
HKLR	HY/2011/03	2013-12-27	Mid-Flood	Sunny	CS(Mf)5	14:09:57	12.3	Bottom	3	2	18.54	8.06	33.65	93.3	7.14	2.7	14.2
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	IS5	12:05:18	1.0	Surface	1	1	15.9	8.07	33.08	101.2	8.18	5.5	4.5
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	IS5	12:06:03	1.0	Surface	1	2	15.89	8.07	33.09	100.5	8.13	5	4.2
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	IS5	12:05:54	4.3	Middle	2	1	15.85	8.07	33.1	100.2	8.11	4.9	4.3
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	IS5	12:04:58	4.3	Middle	2	2	15.89	8.07	33.1	101	8.17	5.3	3.4
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	IS5	12:05:46	7.6	Bottom	3	1	15.85	8.06	33.1	100.3	8.12	7.1	4.3
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	IS5	12:04:49	7.6	Bottom	3	2	15.89	8.07	33.09	101	8.17	7.7	4.5
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	IS(Mf)6	11:56:17	1.0	Surface	1	1	16.07	8.07	33.01	102.2	8.24	5.5	3
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	IS(Mf)6	11:55:59	1.0	Surface	1	2	16.08	8.07	33.01	102.5	8.27	5.3	3.7

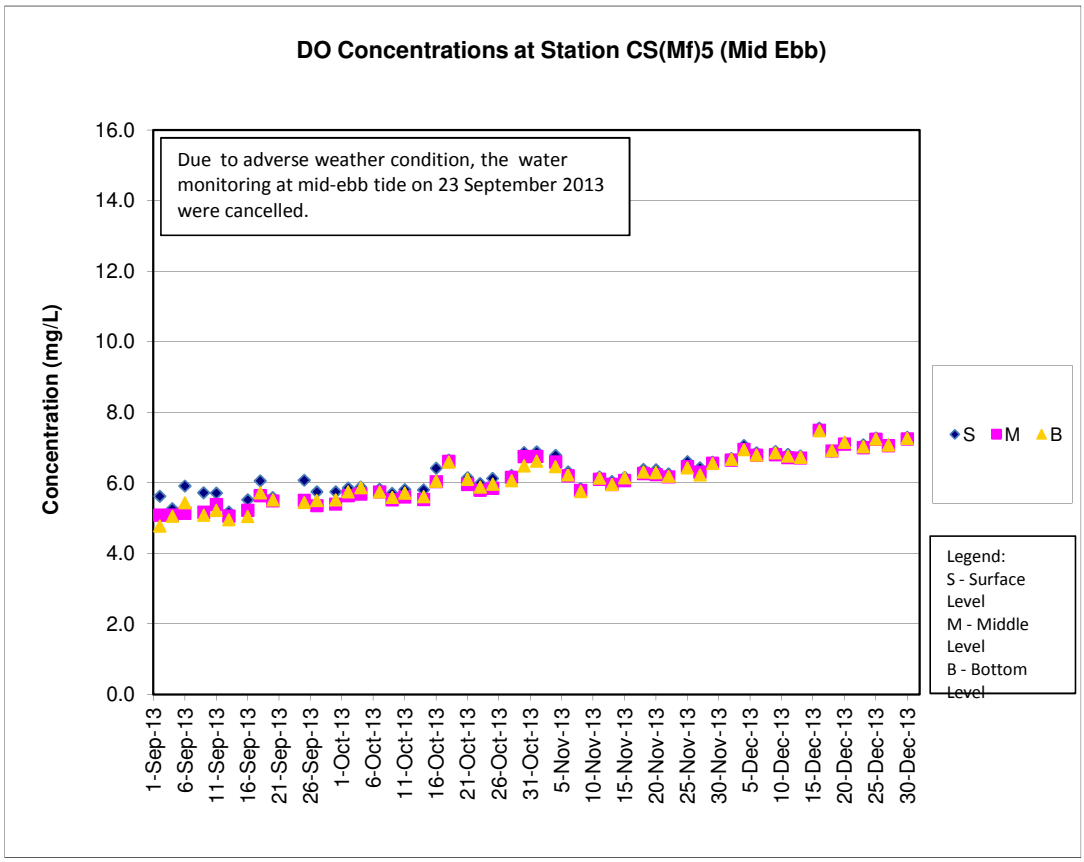
Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03		Mid-Ebb		IS(Mf)6			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		IS(Mf)6			Middle	2	2							
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	IS(Mf)6	11:56:09	2.1	Bottom	3	1	16.06	8.07	33.01	102.2	8.24	6	3.7
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	IS(Mf)6	11:55:52	2.1	Bottom	3	2	16.08	8.07	33	102.7	8.28	6.2	3.1
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	IS7	11:48:59	1.0	Surface	1	1	16.4	8.08	33.13	103.7	8.31	15.5	4.2
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	IS7	11:49:17	1.0	Surface	1	2	16.44	8.08	33.14	103.7	8.29	15.2	4.3
HKLR	HY/2011/03		Mid-Ebb		IS7			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		IS7			Middle	2	2							
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	IS7	11:49:06	2.2	Bottom	3	1	16.42	8.08	33.14	103.7	8.3	16.8	4.6
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	IS7	11:48:48	2.2	Bottom	3	2	16.41	8.08	33.14	103.9	8.31	17.1	4.9
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	IS8	11:24:14	1.0	Surface	1	1	16.51	8.06	33.11	102.1	8.16	8.2	4.6
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	IS8	11:23:51	1.0	Surface	1	2	16.54	8.06	33.12	103.1	8.24	8.8	4.5
HKLR	HY/2011/03		Mid-Ebb		IS8			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		IS8			Middle	2	2							
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	IS8	11:24:05	2.7	Bottom	3	1	16.62	8.06	33.23	102.7	8.18	10.8	10.8
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	IS8	11:23:44	2.7	Bottom	3	2	16.58	8.05	33.23	103.7	8.27	10.3	10.7
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	IS(Mf)9	11:42:56	1.0	Surface	1	1	16.69	8.09	33.24	103.8	8.26	7.1	5.1
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	IS(Mf)9	11:43:07	1.0	Surface	1	2	16.68	8.09	33.23	103.8	8.26	7.3	4.6
HKLR	HY/2011/03		Mid-Ebb		IS(Mf)9			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		IS(Mf)9			Middle	2	2							
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	IS(Mf)9	11:42:50	2.3	Bottom	3	1	16.69	8.09	33.24	103.8	8.26	7.1	7
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	IS(Mf)9	11:43:02	2.3	Bottom	3	2	16.69	8.09	33.23	103.8	8.26	7.2	6.8
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	IS10	11:22:52	1.0	Surface	1	1	17.09	8.2	34.02	99.3	7.8	2.6	3.1
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	IS10	11:23:17	1.0	Surface	1	2	17.05	8.2	34.03	99	7.79	2.5	3.4
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	IS10	11:22:41	5.4	Middle	2	1	16.9	8.19	34.01	98.8	7.8	2.7	3.8
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	IS10	11:23:10	5.4	Middle	2	2	16.88	8.2	34.01	98.6	7.78	2.7	3.5
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	IS10	11:22:31	9.7	Bottom	3	1	16.85	8.19	33.97	98.6	7.79	2.7	6.3
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	IS10	11:23:02	9.7	Bottom	3	2	16.95	8.2	33.95	98.4	7.76	2.8	4.7
HKLR	HY/2011/03		Mid-Ebb		SR3			Surface	1	1							
HKLR	HY/2011/03		Mid-Ebb		SR3			Surface	1	2							
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	SR3	12:18:30	0.8	Middle	2	1	15.92	8.07	33.08	101.2	8.18	5.1	3.8
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	SR3	12:18:42	0.8	Middle	2	2	15.92	8.07	33.08	101.3	8.19	5.1	5.1
HKLR	HY/2011/03		Mid-Ebb		SR3			Bottom	3	1							
HKLR	HY/2011/03		Mid-Ebb		SR3			Bottom	3	2							
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	SR4	11:30:58	1.0	Surface	1	1	16.66	8.05	32.84	99.7	7.96	4.2	3
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	SR4	11:30:45	1.0	Surface	1	2	16.66	8.05	32.94	100.5	8.01	4	2.1
HKLR	HY/2011/03		Mid-Ebb		SR4			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		SR4			Middle	2	2							
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	SR4	11:30:39	2.3	Bottom	3	1	16.64	8.05	33.06	100.8	8.03	4.1	3.4
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	SR4	11:30:51	2.3	Bottom	3	2	16.69	8.05	33.14	100.5	8	4.2	3.6
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	SR5	11:31:52	1.0	Surface	1	1	17.14	8.21	34.02	98.7	7.75	2.5	4.4
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	SR5	11:31:34	1.0	Surface	1	2	17.14	8.21	34.02	98.8	7.75	2.5	3.5
HKLR	HY/2011/03		Mid-Ebb		SR5			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		SR5			Middle	2	2							
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	SR5	11:31:24	3.7	Bottom	3	1	17.15	8.21	34.02	98.7	7.75	2.5	4.7
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	SR5	11:31:43	3.7	Bottom	3	2	17.12	8.21	34.02	98.6	7.74	2.6	3.8
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	SR10A	10:12:59	1.0	Surface	1	1	17.76	8.04	33.63	92.5	7.19	3.1	4
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	SR10A	10:12:28	1.0	Surface	1	2	17.75	8.04	33.63	92.6	7.2	3.3	3.9
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	SR10A	10:12:47	3.4	Middle	2	1	17.76	8.04	33.65	92.3	7.17	3.1	3.7
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	SR10A	10:12:16	3.4	Middle	2	2	17.75	8.04	33.65	92.4	7.19	3.2	3.7
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	SR10A	10:12:04	5.7	Bottom	3	1	17.75	8.04	33.65	92.5	7.19	3.4	3.7
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	SR10A	10:12:40	5.7	Bottom	3	2	17.75	8.04	33.65	92.2	7.17	3.1	4
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	SR10B	09:56:19	1.0	Surface	1	1	17.7	8.02	33.54	93	7.25	2.9	3.5
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	SR10B	09:56:00	1.0	Surface	1	2	17.7	8.01	33.52	93.5	7.28	3	3.4
HKLR	HY/2011/03		Mid-Ebb		SR10B			Middle	2	1							
HKLR	HY/2011/03		Mid-Ebb		SR10B			Middle	2	2							
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	SR10B	09:55:51	4.5	Bottom	3	1	17.7	8.01	33.52	93.6	7.29	3.1	3
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	SR10B	09:56:11	4.5	Bottom	3	2	17.7	8.02	33.54	92.9	7.23	3.2	3.8
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	CS2	12:52:30	1.0	Surface	1	1	16.91	8.22	33.92	98.3	7.75	2.3	3.2
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	CS2	12:51:54	1.0	Surface	1	2	16.9	8.22	33.92	98.6	7.78	2.3	4.5
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	CS2	12:51:44	4.1	Middle	2	1	16.91	8.22	33.99	98.2	7.75	2.5	4.4
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	CS2	12:52:20	4.1	Middle	2	2	16.93	8.22	34.01	98	7.72	2.6	4.4

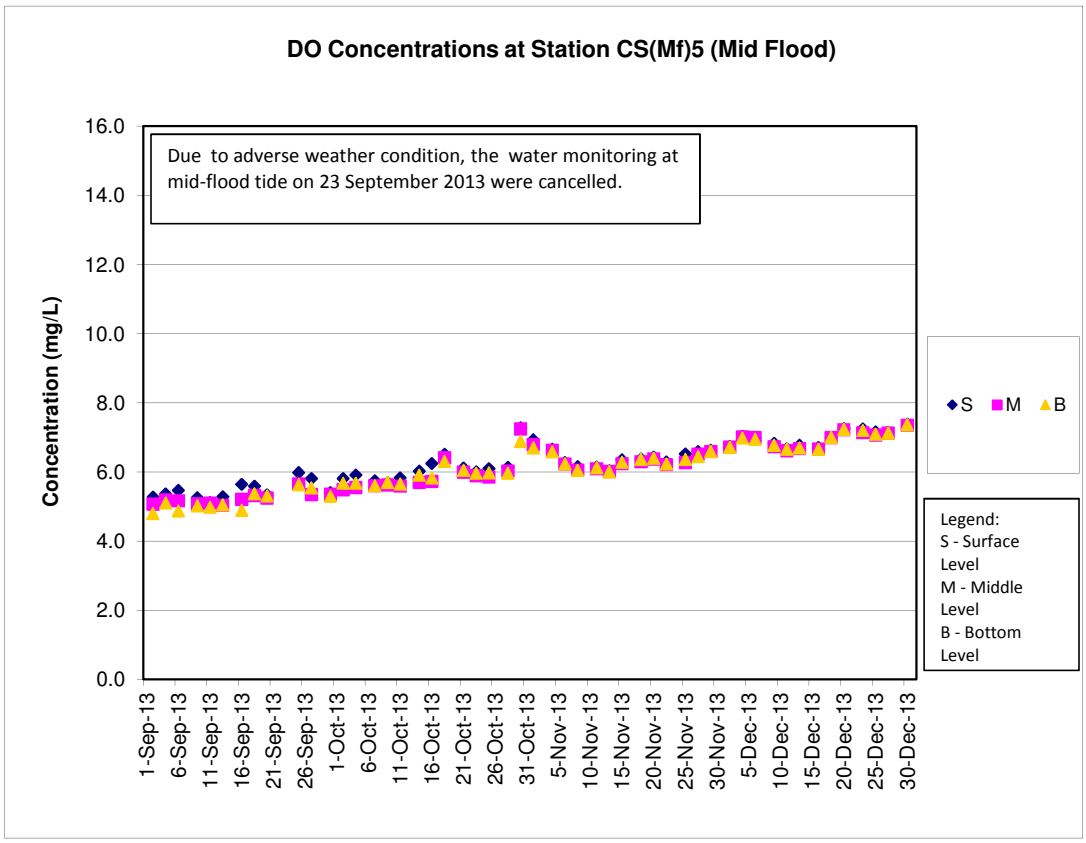
Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	CS2	12:51:28	7.1	Bottom	3	1	16.96	8.22	34.04	99	7.8	2.5	4.7
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	CS2	12:52:06	7.1	Bottom	3	2	16.95	8.22	34.02	98.6	7.77	2.5	4.3
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	CS(Mf)5	10:46:18	1.0	Surface	1	1	17.82	8.03	33.75	94	7.3	2.7	2.7
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	CS(Mf)5	10:46:57	1.0	Surface	1	2	17.82	8.04	33.74	93.7	7.28	2.5	2.8
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	CS(Mf)5	10:46:06	6.7	Middle	2	1	17.74	8.02	33.75	93.3	7.25	3.3	2.6
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	CS(Mf)5	10:46:44	6.7	Middle	2	2	17.75	8.03	33.75	93.1	7.24	3.3	2.3
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	CS(Mf)5	10:45:56	12.4	Bottom	3	1	17.75	8.02	33.76	93.5	7.26	3.1	2.1
HKLR	HY/2011/03	2013-12-30	Mid-Ebb	Sunny	CS(Mf)5	10:46:34	12.4	Bottom	3	2	17.75	8.03	33.75	93.4	7.26	3.2	2.6
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	IS5	15:11:32	1.0	Surface	1	1	16.22	8.06	32.78	103.6	8.34	4.2	4.4
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	IS5	15:12:06	1.0	Surface	1	2	16.17	8.06	32.8	103.3	8.32	4.6	3.7
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	IS5	15:11:57	4.4	Middle	2	1	16.14	8.05	32.85	103.1	8.31	4.9	5.2
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	IS5	15:11:16	4.4	Middle	2	2	16.14	8.05	32.85	102.9	8.29	4.4	4
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	IS5	15:11:10	7.8	Bottom	3	1	16.12	8.05	32.86	102.8	8.29	5.2	4.5
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	IS5	15:11:48	7.8	Bottom	3	2	16.12	8.05	32.85	103	8.31	5.3	5.1
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	IS(Mf)6	15:20:52	1.0	Surface	1	1	16.38	8.06	32.81	107.1	8.59	11.1	9.2
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	IS(Mf)6	15:20:35	1.0	Surface	1	2	16.37	8.06	32.82	106.7	8.57	11.5	7.9
HKLR	HY/2011/03		Mid-Flood		IS(Mf)6			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		IS(Mf)6			Middle	2	2							
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	IS(Mf)6	15:20:25	2.2	Bottom	3	1	16.3	8.06	32.82	106.4	8.55	11.7	10.4
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	IS(Mf)6	15:20:41	2.2	Bottom	3	2	16.36	8.06	32.82	106.6	8.56	12.4	10.8
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	IS7	15:27:20	1.0	Surface	1	1	16.67	8.08	32.97	106.3	8.47	7.8	6.2
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	IS7	15:27:41	1.0	Surface	1	2	16.67	8.08	32.98	106.2	8.46	7.3	6.1
HKLR	HY/2011/03		Mid-Flood		IS7			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		IS7			Middle	2	2							
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	IS7	15:27:34	2.2	Bottom	3	1	16.67	8.08	32.99	106.2	8.47	8.8	6.4
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	IS7	15:27:12	2.2	Bottom	3	2	16.67	8.08	32.99	106.4	8.48	9.2	6.2
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	IS8	15:57:00	1.0	Surface	1	1	16.83	8.07	32.98	104.7	8.32	6.6	6.9
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	IS8	15:56:14	1.0	Surface	1	2	16.82	8.06	32.99	104.8	8.33	6.8	6.4
HKLR	HY/2011/03		Mid-Flood		IS8			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		IS8			Middle	2	2							
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	IS8	15:56:06	2.5	Bottom	3	1	16.83	8.06	33	104.7	8.32	7.3	6.3
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	IS8	15:56:47	2.5	Bottom	3	2	16.84	8.07	33	104.6	8.31	7.4	6.6
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	IS(Mf)9	15:35:33	1.0	Surface	1	1	16.84	8.06	33.12	101.8	8.08	14.1	5.1
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	IS(Mf)9	15:35:51	1.0	Surface	1	2	16.84	8.06	33.14	101.3	8.04	13.7	6.6
HKLR	HY/2011/03		Mid-Flood		IS(Mf)9			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		IS(Mf)9			Middle	2	2							
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	IS(Mf)9	15:35:43	2.4	Bottom	3	1	16.86	8.05	33.22	101.6	8.06	16.8	6.9
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	IS(Mf)9	15:35:23	2.4	Bottom	3	2	16.85	8.05	33.21	101.7	8.07	17.3	6.1
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	IS10	16:25:32	1.0	Surface	1	1	16.98	8.27	33.89	100.3	7.91	2.6	4
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	IS10	16:24:50	1.0	Surface	1	2	16.98	8.27	33.9	100.4	7.91	2.6	5.6
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	IS10	16:25:21	5.3	Middle	2	1	16.98	8.27	33.9	100	7.88	2.6	4.2
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	IS10	16:24:37	5.3	Middle	2	2	16.99	8.28	33.91	100.1	7.88	2.8	5
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	IS10	16:25:09	9.6	Bottom	3	1	16.99	8.27	33.91	99.8	7.86	2.6	4.8
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	IS10	16:24:29	9.6	Bottom	3	2	16.98	8.28	33.91	99.9	7.87	2.6	4.6
HKLR	HY/2011/03		Mid-Flood		SR3			Surface	1	1							
HKLR	HY/2011/03		Mid-Flood		SR3			Surface	1	2							
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	SR3	14:58:52	0.8	Middle	2	1	16.15	8.03	32.78	106.6	8.6	5.2	4.8
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	SR3	14:58:58	0.8	Middle	2	2	16.14	8.03	32.78	106.2	8.56	4.9	5.4
HKLR	HY/2011/03		Mid-Flood		SR3			Bottom	3	1							
HKLR	HY/2011/03		Mid-Flood		SR3			Bottom	3	2							
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	SR4	15:47:39	1.0	Surface	1	1	16.81	8.06	33.03	105.8	8.41	6.6	7.4
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	SR4	15:47:10	1.0	Surface	1	2	16.81	8.05	33.06	106.4	8.46	7	7.8
HKLR	HY/2011/03		Mid-Flood		SR4			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		SR4			Middle	2	2							
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	SR4	15:47:03	2.5	Bottom	3	1	16.81	8.05	33.07	106.6	8.47	7.2	7.1
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	SR4	15:47:31	2.5	Bottom	3	2	16.81	8.07	33.05	105.8	8.41	7.9	6.9
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	SR5	16:14:52	1.0	Surface	1	1	16.99	8.26	33.92	100.9	7.95	2.4	4.1
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	SR5	16:14:36	1.0	Surface	1	2	16.99	8.26	33.92	101	7.95	2.5	3.9
HKLR	HY/2011/03		Mid-Flood		SR5			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		SR5			Middle	2	2							
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	SR5	16:14:26	3.7	Bottom	3	1	16.99	8.26	33.93	101.1	7.96	2.5	4.4
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	SR5	16:14:44	3.7	Bottom	3	2	16.99	8.26	33.92	100.8	7.94	2.5	3.5

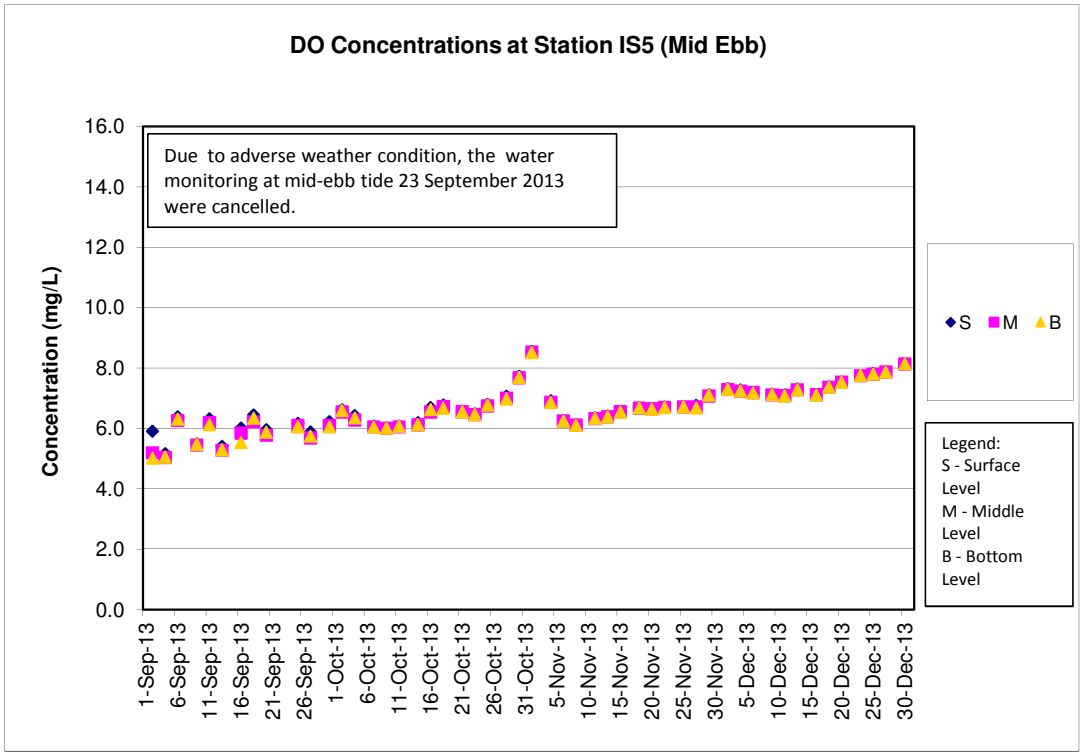
Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	SR10A	17:05:57	1.0	Surface	1	1	17.78	8.05	33.51	93.2	7.25	4.7	2
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	SR10A	17:06:38	1.0	Surface	1	2	17.79	8.05	33.5	92.9	7.23	4.5	2.1
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	SR10A	17:06:23	3.3	Middle	2	1	17.78	8.05	33.56	92.7	7.21	5.2	4.6
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	SR10A	17:05:44	3.3	Middle	2	2	17.78	8.05	33.56	93.1	7.24	5	5.5
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	SR10A	17:05:32	5.6	Bottom	3	1	17.78	8.04	33.56	93.2	7.25	5.8	5
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	SR10A	17:06:14	5.6	Bottom	3	2	17.78	8.05	33.57	92.7	7.21	5.5	5.1
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	SR10B	17:19:01	1.0	Surface	1	1	17.79	8.06	33.51	92.5	7.2	4.4	3.8
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	SR10B	17:19:34	1.0	Surface	1	2	17.78	8.06	33.5	92.6	7.2	4.6	3.4
HKLR	HY/2011/03		Mid-Flood		SR10B			Middle	2	1							
HKLR	HY/2011/03		Mid-Flood		SR10B			Middle	2	2							
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	SR10B	17:18:50	4.8	Bottom	3	1	17.79	8.06	33.54	92.5	7.19	4.9	3.4
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	SR10B	17:19:16	4.8	Bottom	3	2	17.78	8.06	33.56	92.4	7.18	5.1	3.5
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	CS2	14:57:48	1.0	Surface	1	1	16.93	8.31	33.95	102.2	8.06	1.9	3.8
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	CS2	14:57:08	1.0	Surface	1	2	16.94	8.31	33.97	103.3	8.14	2	4.2
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	CS2	14:57:39	4.0	Middle	2	1	16.92	8.31	33.97	102	8.05	2.4	4
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	CS2	14:56:50	4.0	Middle	2	2	16.93	8.31	34.02	103.8	8.18	2.5	3.9
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	CS2	14:56:31	6.9	Bottom	3	1	16.84	8.31	34.18	105.1	8.29	2.4	5.4
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	CS2	14:57:23	6.9	Bottom	3	2	16.89	8.31	34.03	102.3	8.07	2.3	4
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	CS(Mf)5	16:32:21	1.0	Surface	1	1	17.82	8.08	33.53	94.8	7.37	3.1	6.2
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	CS(Mf)5	16:31:26	1.0	Surface	1	2	17.82	8.08	33.52	95.2	7.4	2.8	6.5
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	CS(Mf)5	16:31:14	6.6	Middle	2	1	17.82	8.08	33.59	94.8	7.37	4	5.6
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	CS(Mf)5	16:32:07	6.6	Middle	2	2	17.79	8.08	33.59	94.4	7.34	4.1	6.6
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	CS(Mf)5	16:31:53	12.1	Bottom	3	1	17.81	8.08	33.58	94.8	7.36	3.7	5.4
HKLR	HY/2011/03	2013-12-30	Mid-Flood	Sunny	CS(Mf)5	16:30:56	12.1	Bottom	3	2	17.79	8.07	33.58	94.9	7.38	3.5	6.1

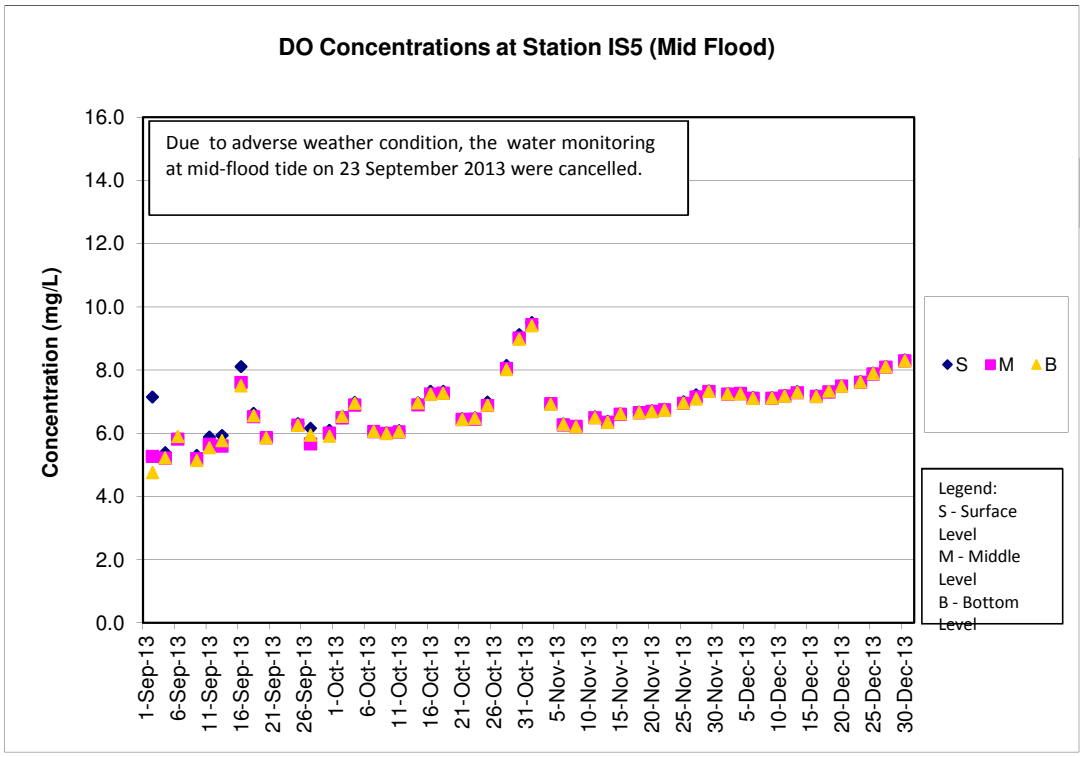

DO Concentrations at Station CS2 (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide on 23 September 2013 were cancelled.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

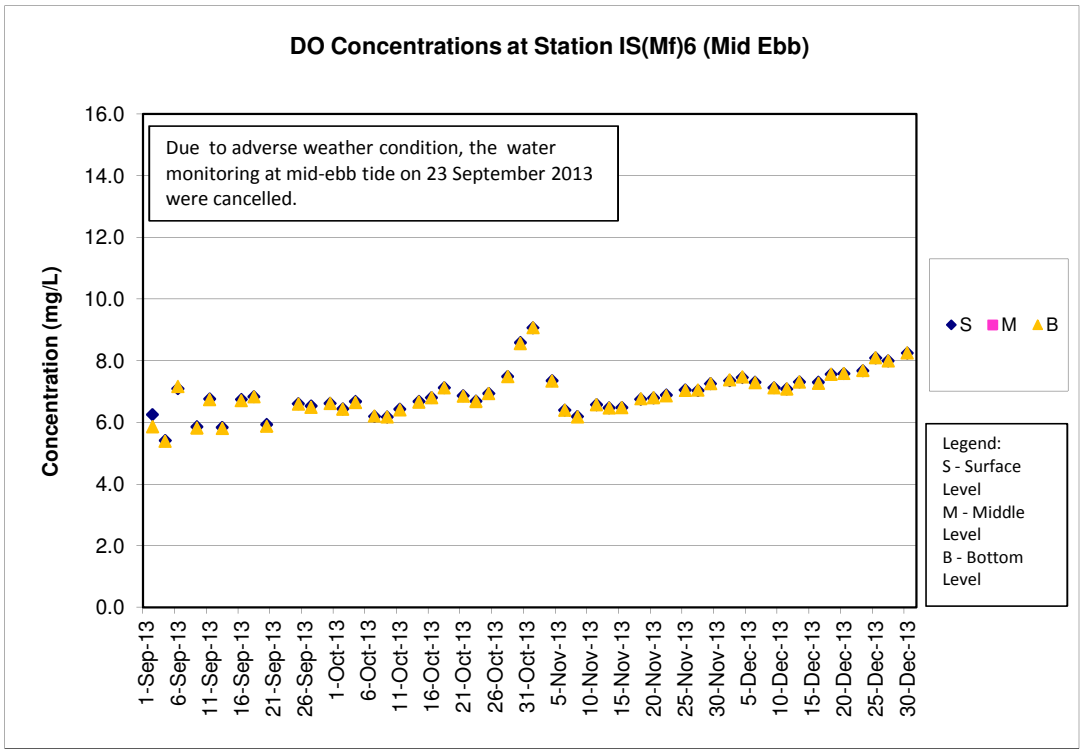

DO Concentrations at Station CS2 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 23 September 2013 were cancelled.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

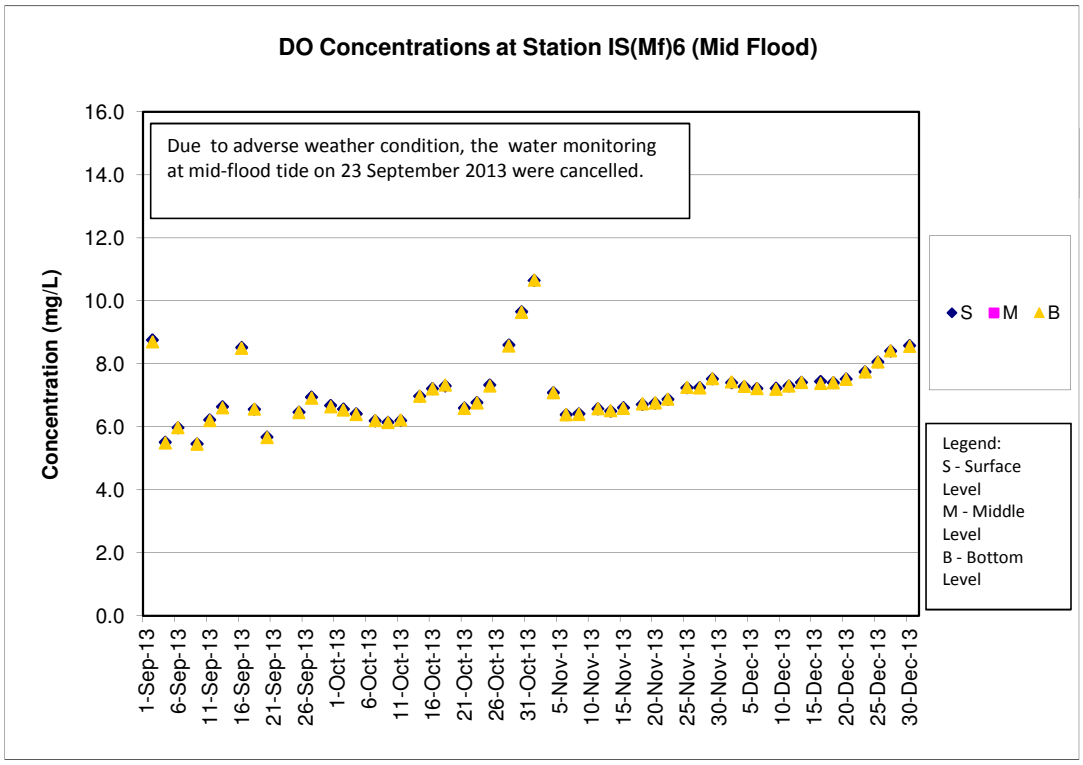

DO Concentrations at Station CS(Mf)5 (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide on 23 September 2013 were cancelled.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

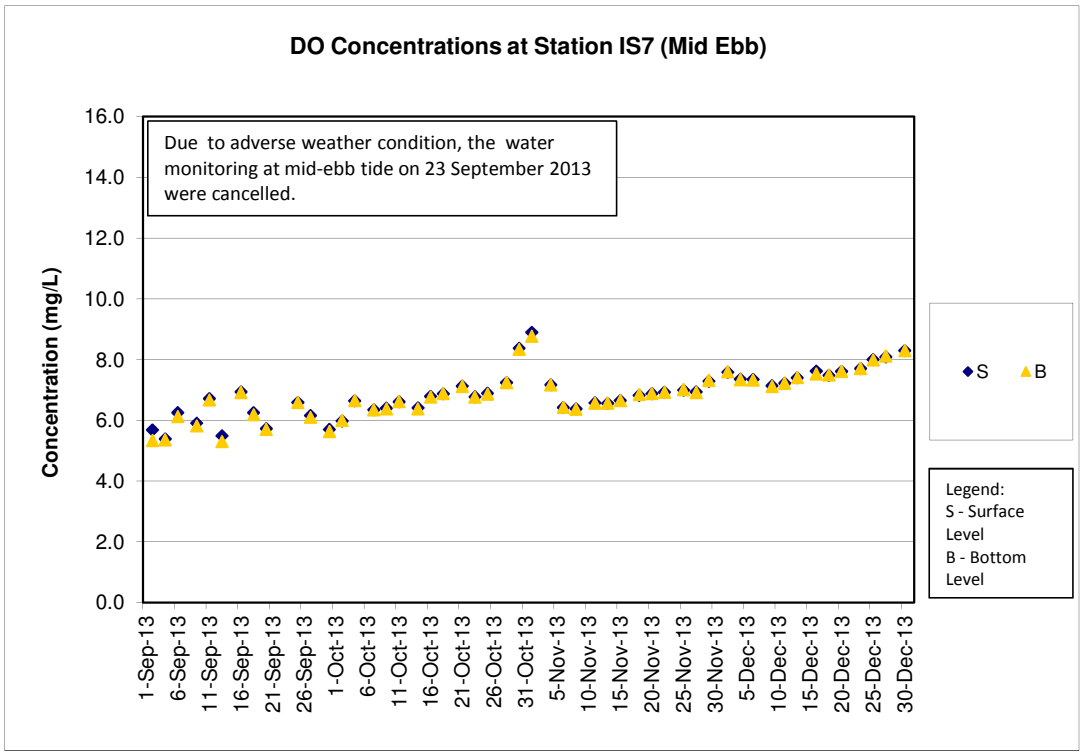

DO Concentrations at Station CS(Mf)5 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 23 September 2013 were cancelled.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

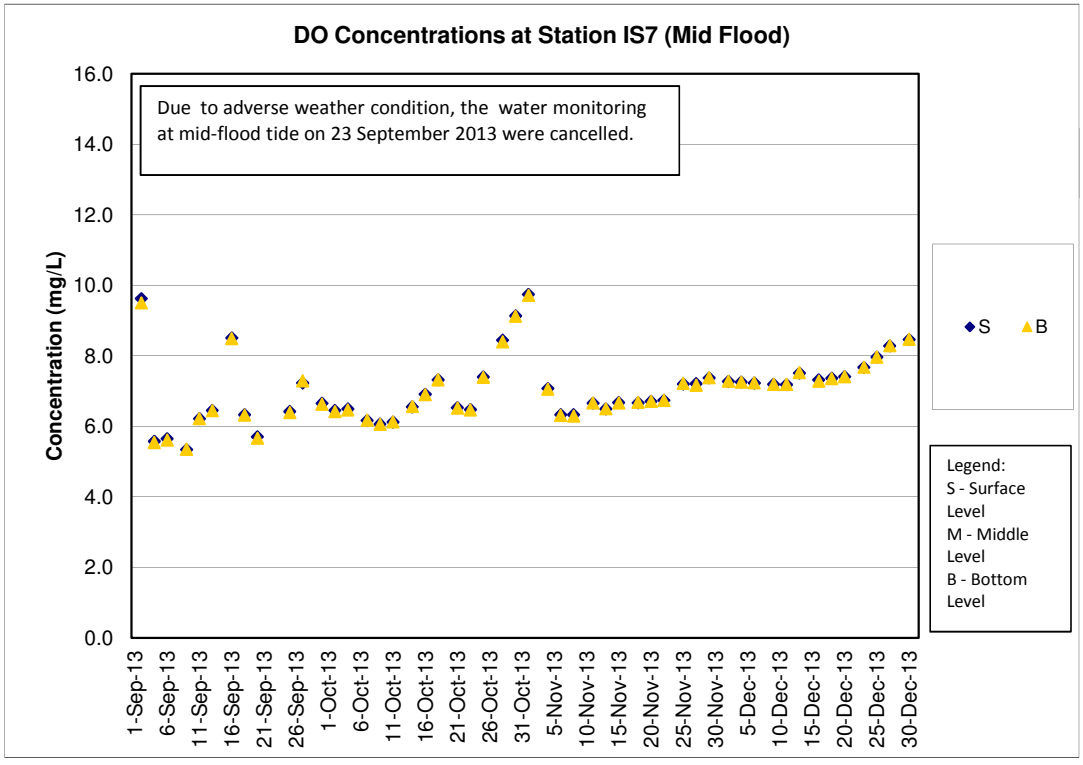

DO Concentrations at Station IS5 (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide 23 September 2013 were cancelled.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

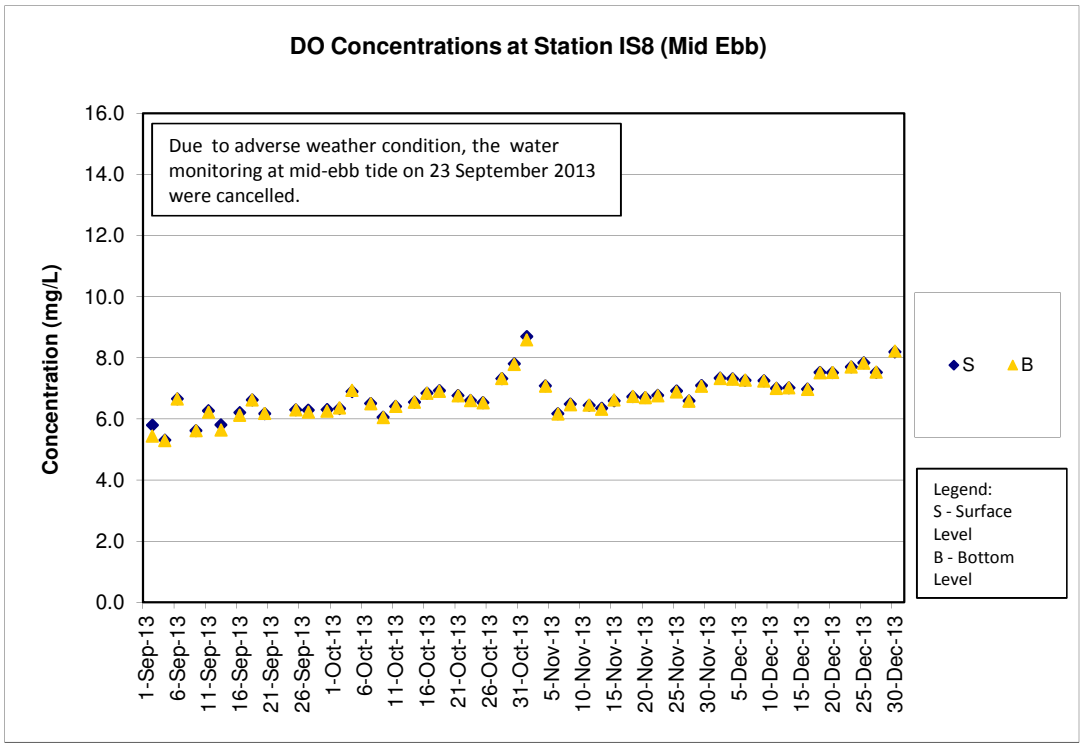

DO Concentrations at Station IS5 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 23 September 2013 were cancelled.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

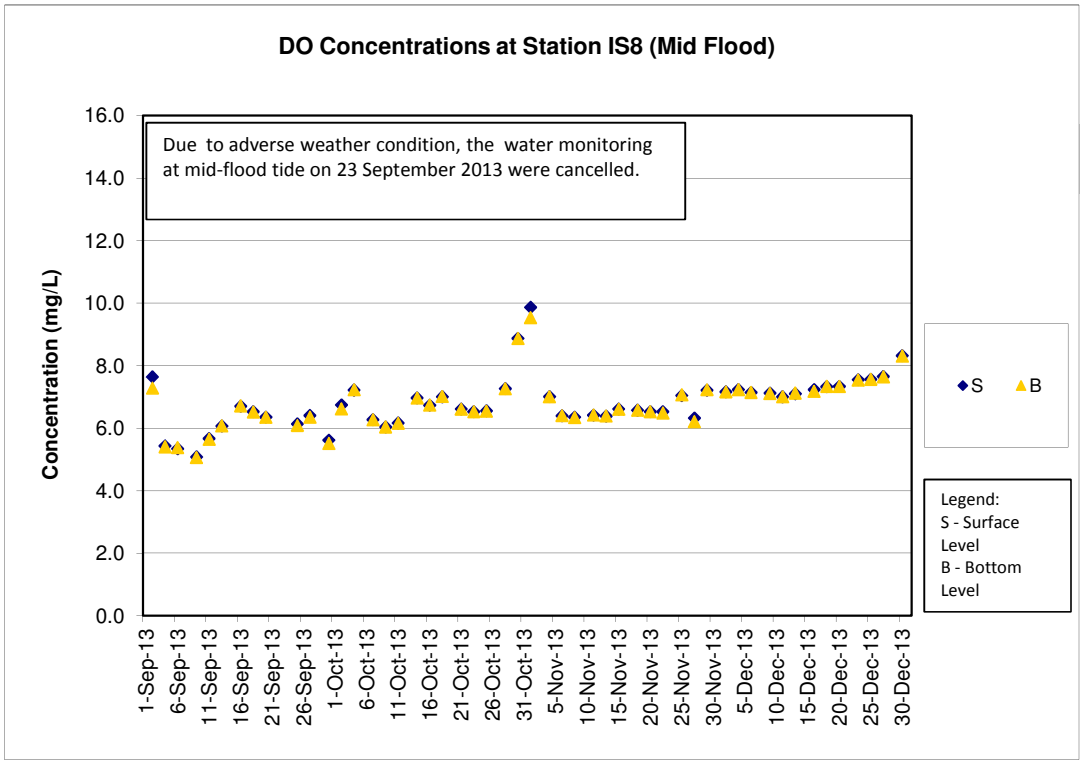

DO Concentrations at Station IS(Mf)6 (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide on 23 September 2013 were cancelled.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

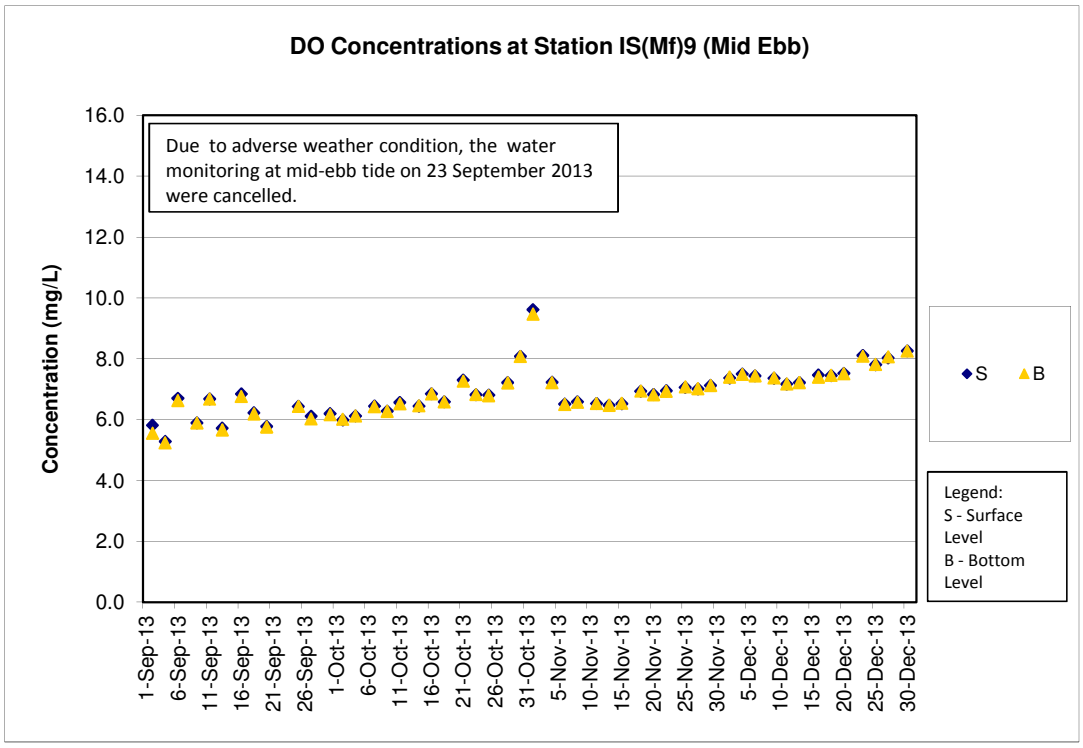

DO Concentrations at Station IS(Mf)6 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 23 September 2013 were cancelled.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

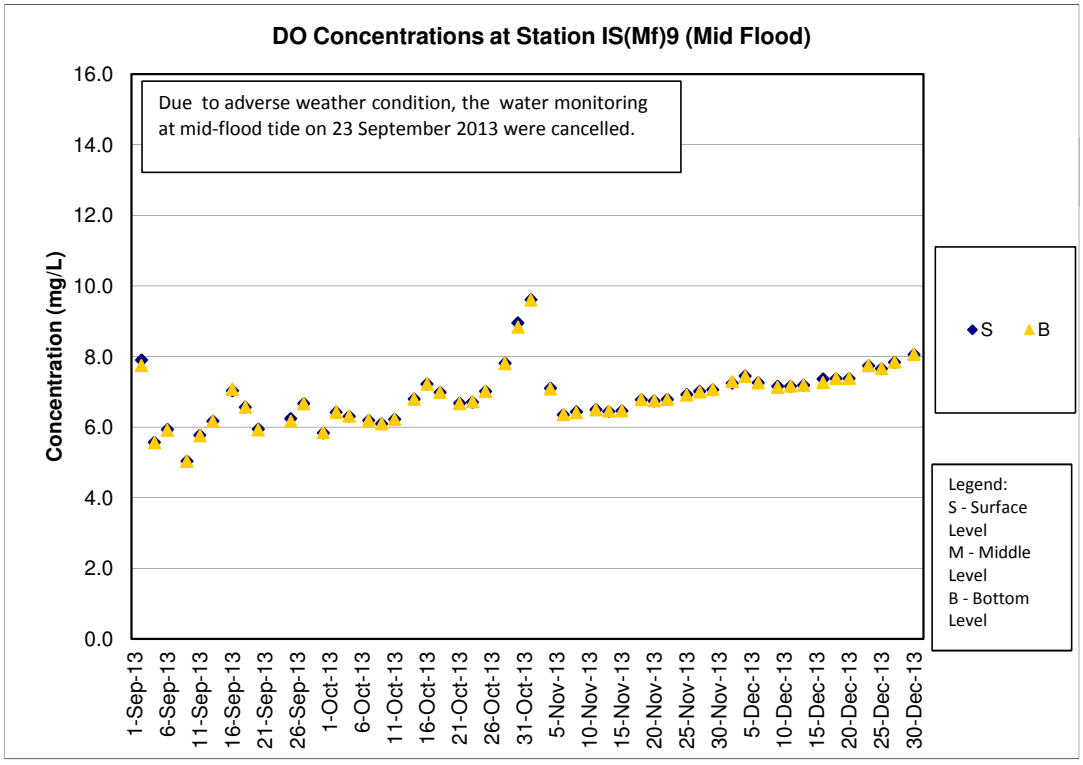

DO Concentrations at Station IS7 (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide on 23 September 2013 were cancelled.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S
B
Legend:
S - Surface Level
B - Bottom Level

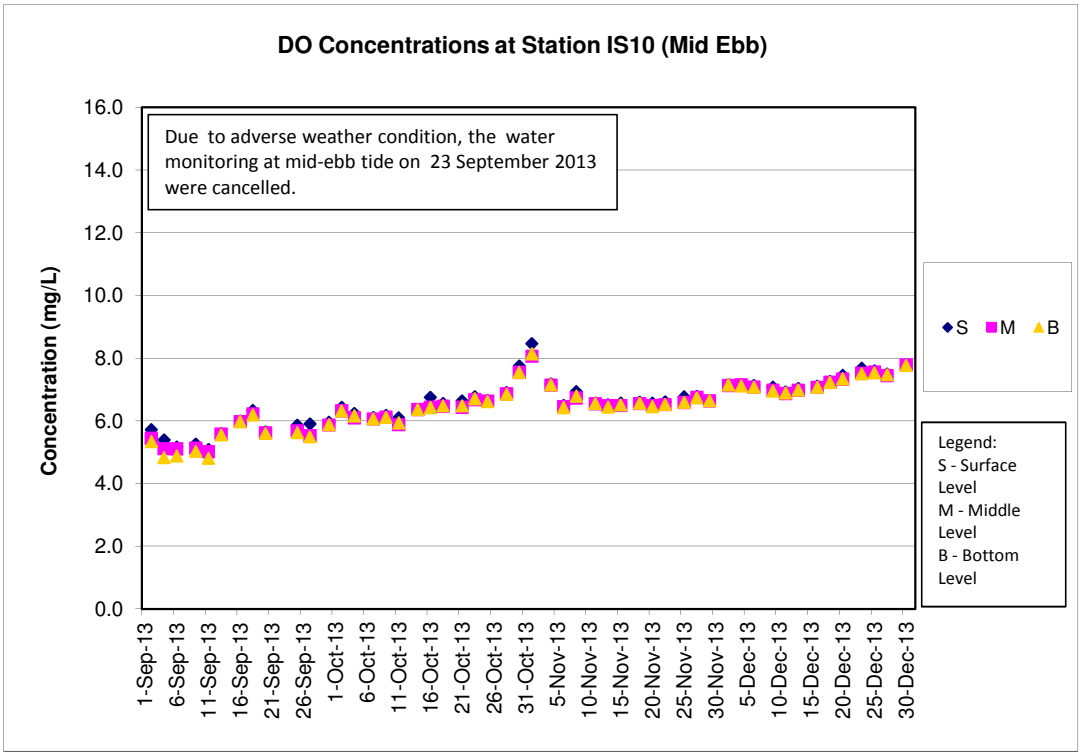

DO Concentrations at Station IS7 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 23 September 2013 were cancelled.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

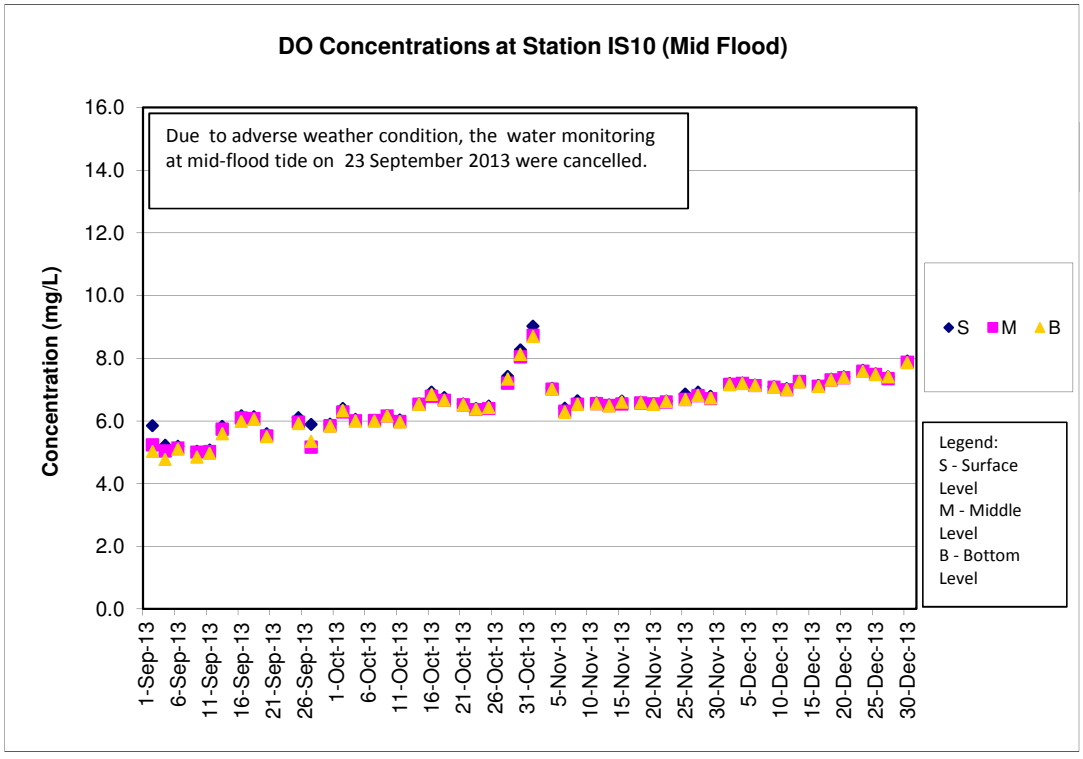

DO Concentrations at Station IS8 (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide on 23 September 2013 were cancelled.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S
B
Legend:
S - Surface Level
B - Bottom Level

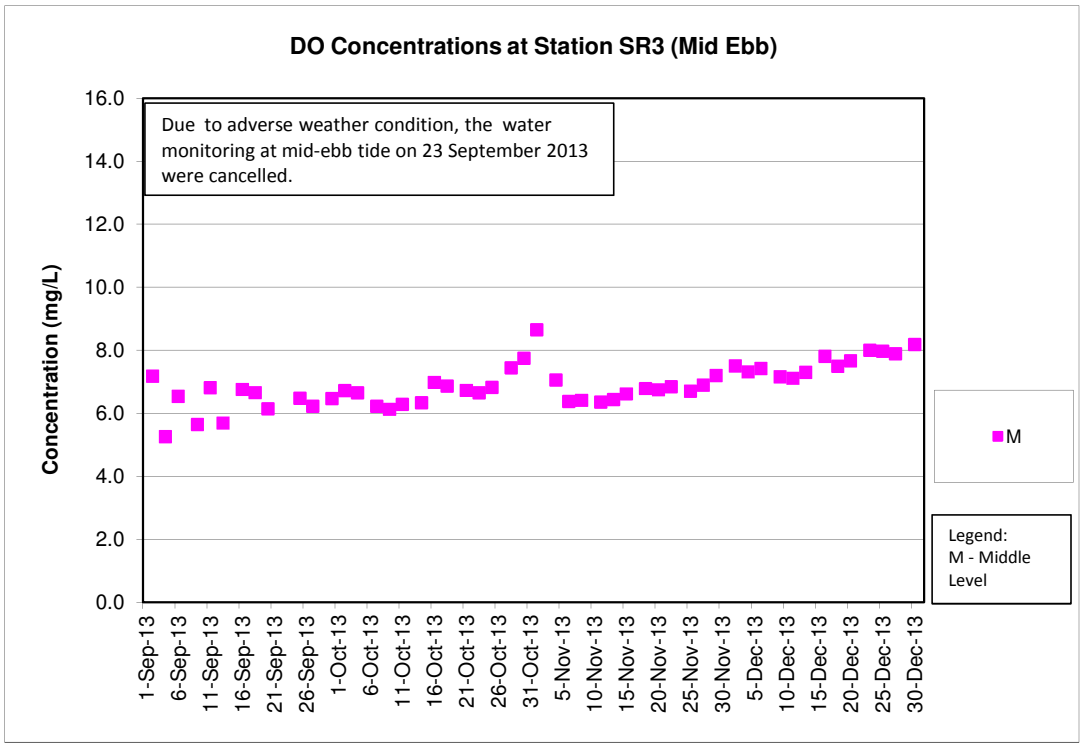

DO Concentrations at Station IS8 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 23 September 2013 were cancelled.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S
B
Legend:
S - Surface Level
B - Bottom Level

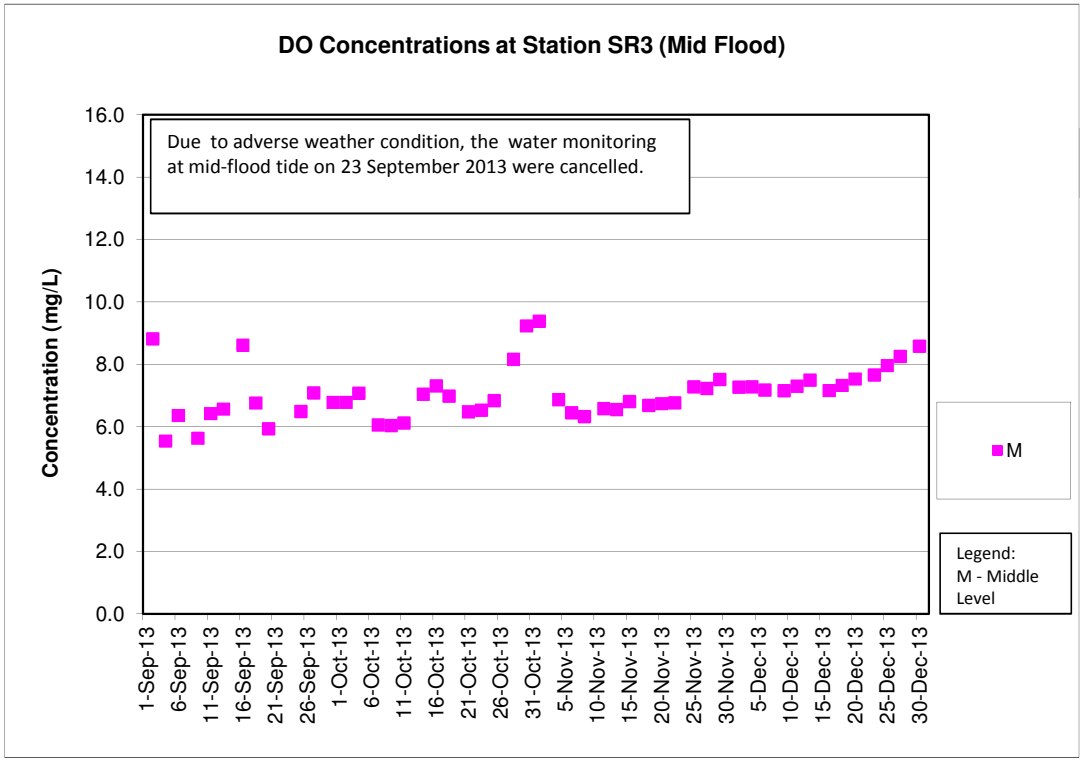

DO Concentrations at Station IS(Mf)9 (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide on 23 September 2013 were cancelled.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S
B
Legend:
S - Surface Level
B - Bottom Level

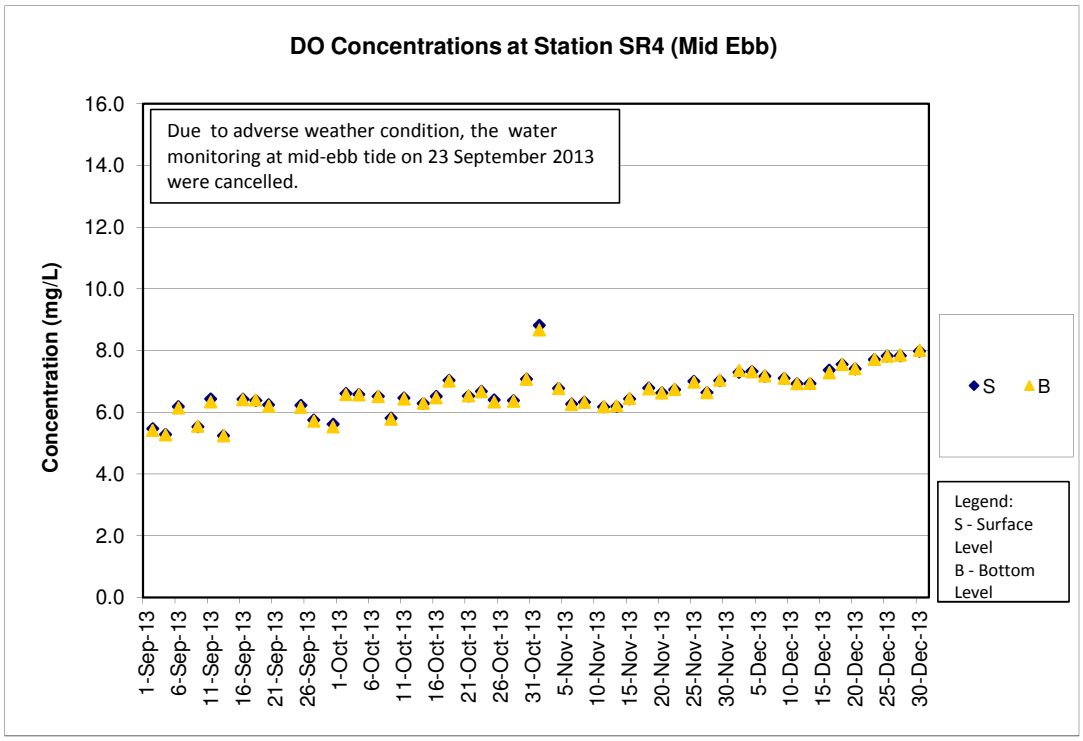

DO Concentrations at Station IS(Mf)9 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 23 September 2013 were cancelled.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

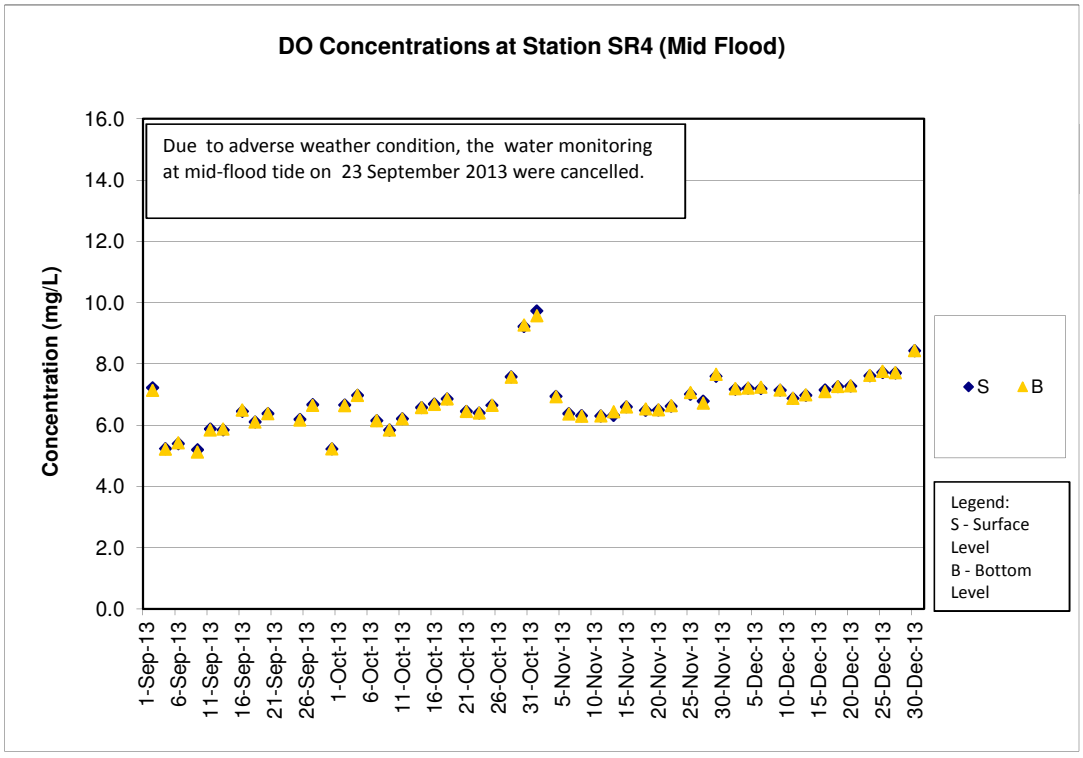

DO Concentrations at Station IS10 (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide on 23 September 2013 were cancelled.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

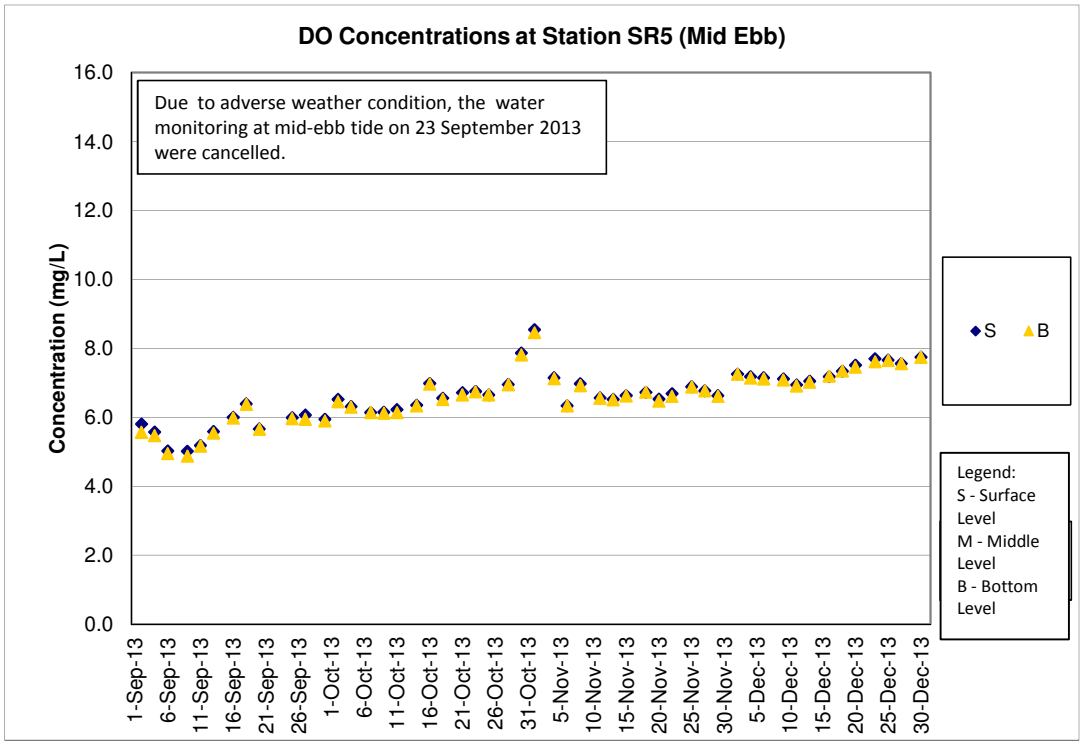

DO Concentrations at Station IS10 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 23 September 2013 were cancelled.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

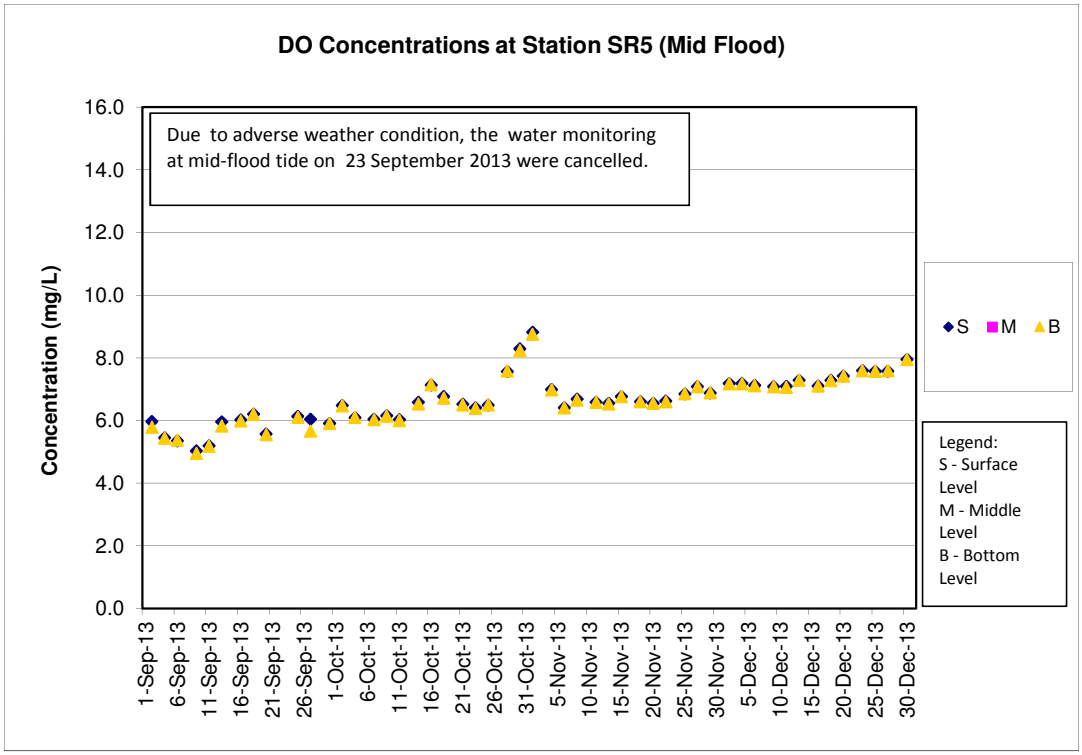

DO Concentrations at Station SR3 (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide on 23 September 2013 were cancelled.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
M
Legend:
M - Middle Level

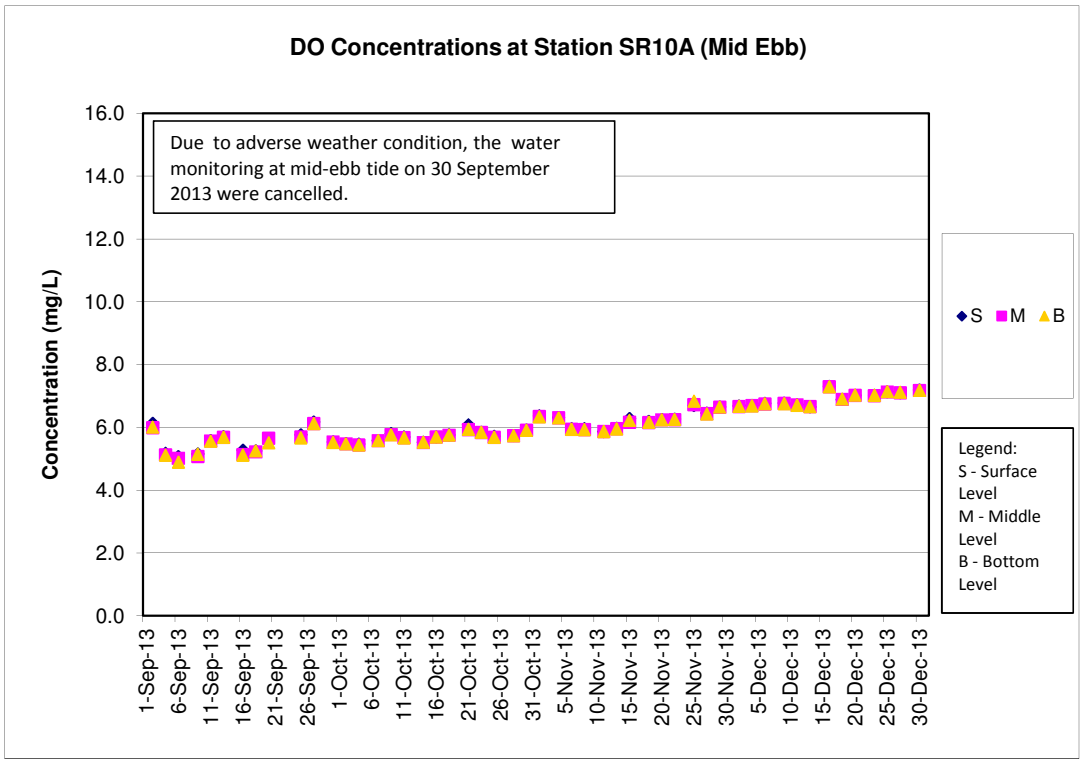

DO Concentrations at Station SR3 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 23 September 2013 were cancelled.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
M
Legend:
M - Middle Level

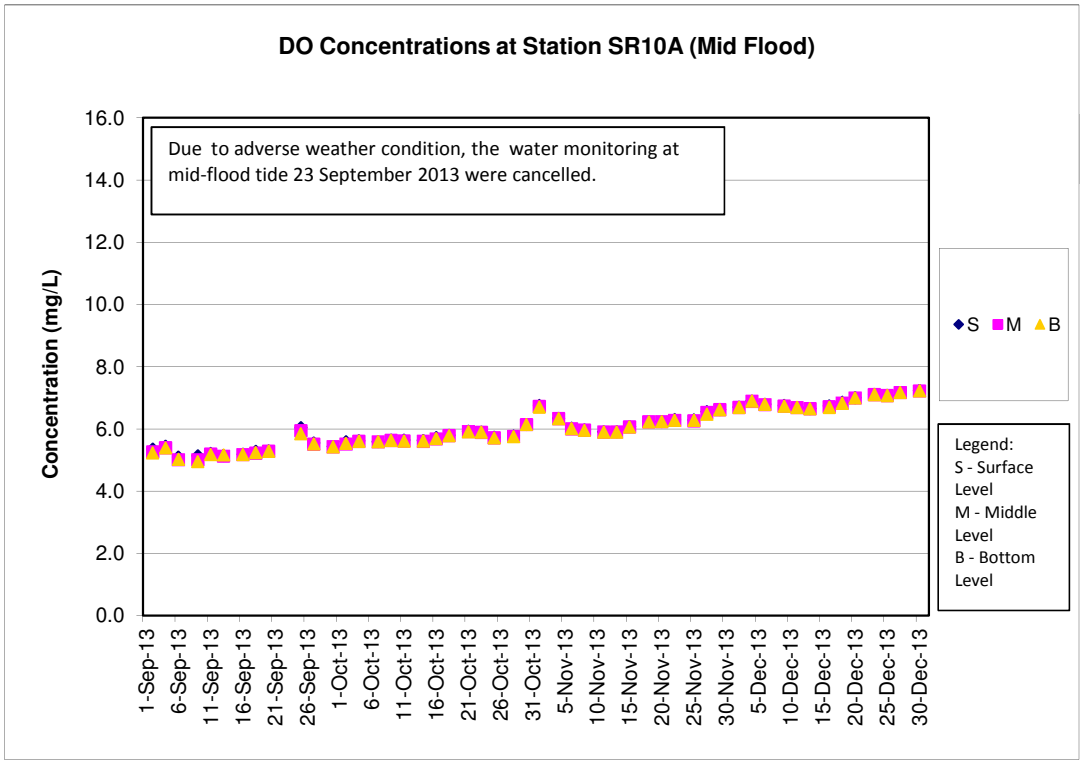

DO Concentrations at Station SR4 (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide on 23 September 2013 were cancelled.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S
B
Legend:
S - Surface Level
B - Bottom Level

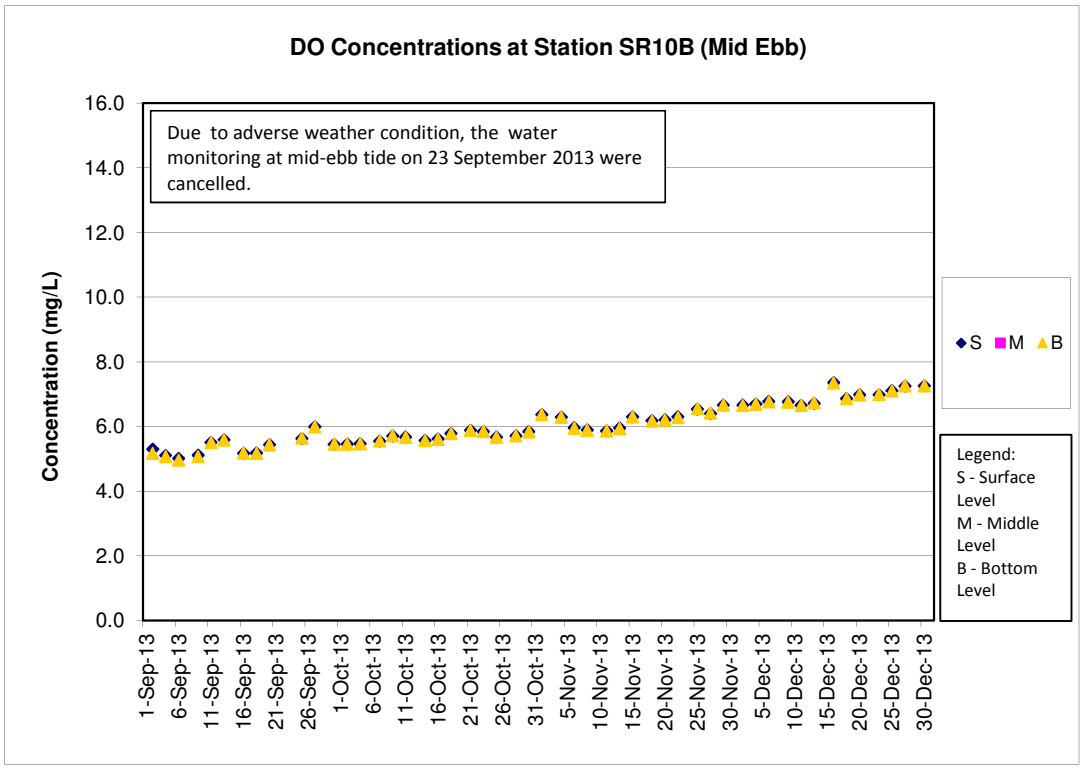

DO Concentrations at Station SR4 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 23 September 2013 were cancelled.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S
B
Legend:
S - Surface Level
B - Bottom Level

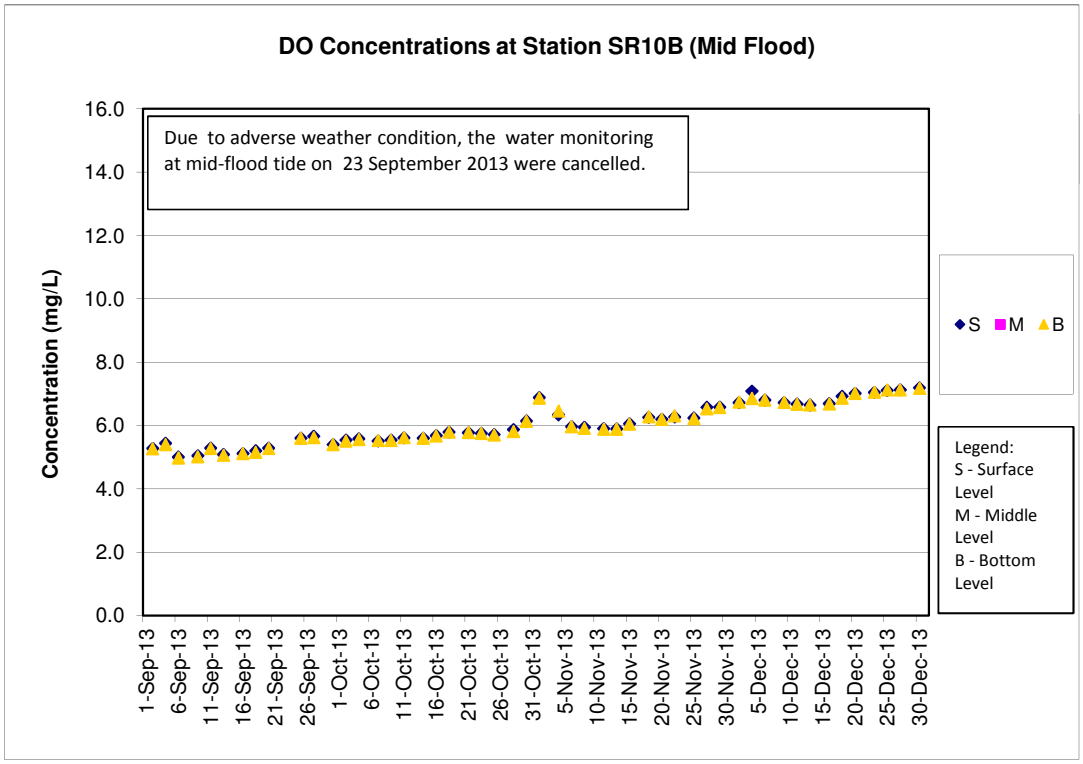

DO Concentrations at Station SR5 (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide on 23 September 2013 were cancelled.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

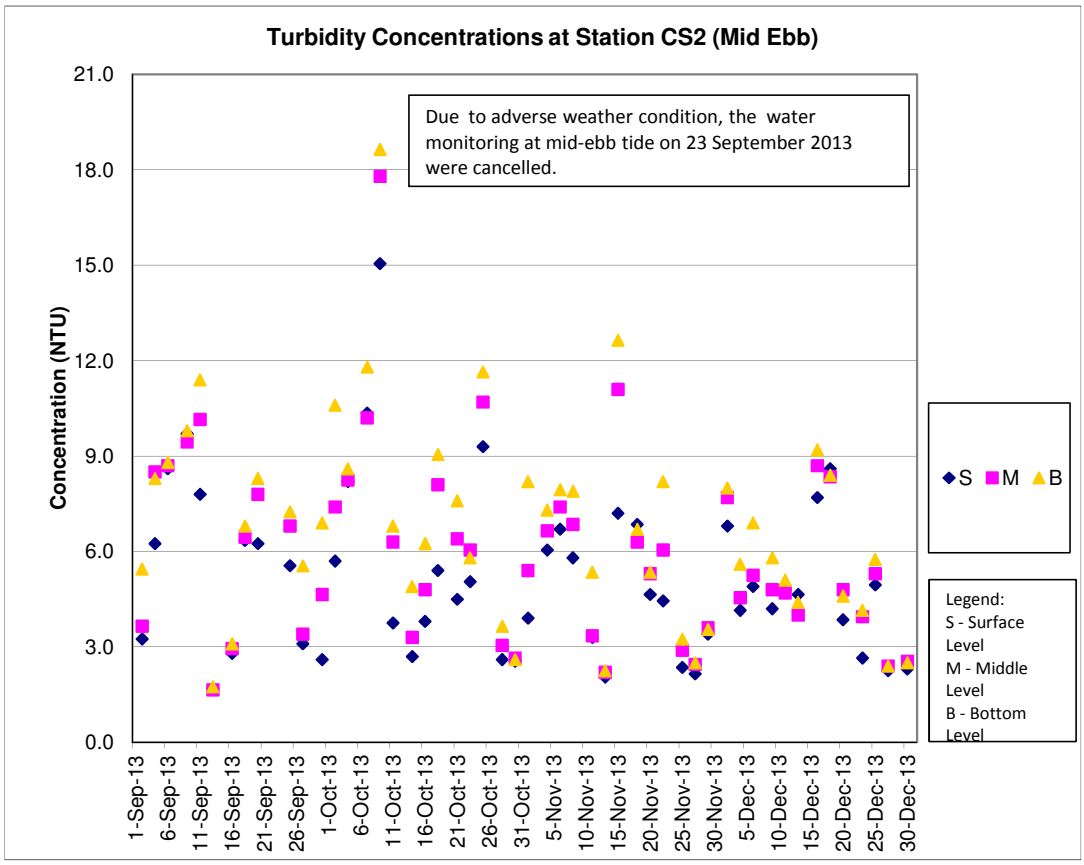

DO Concentrations at Station SR5 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 23 September 2013 were cancelled.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

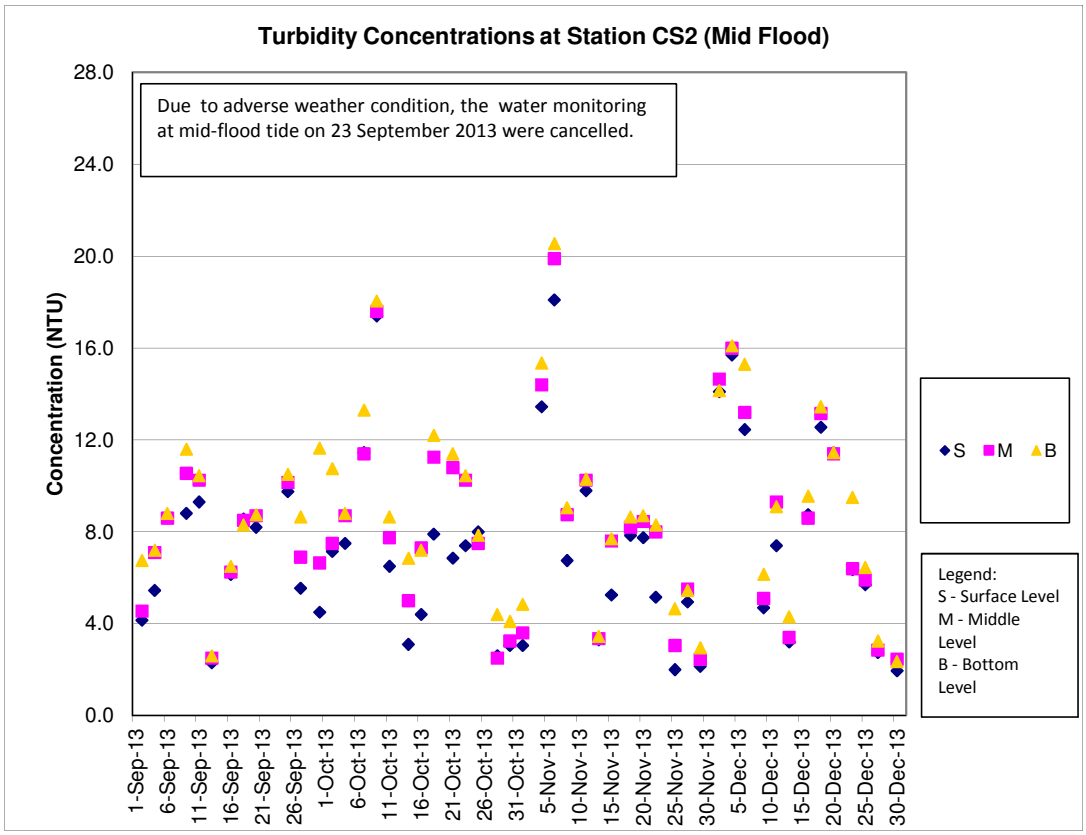

DO Concentrations at Station SR10A (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide on 30 September 2013 were cancelled.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

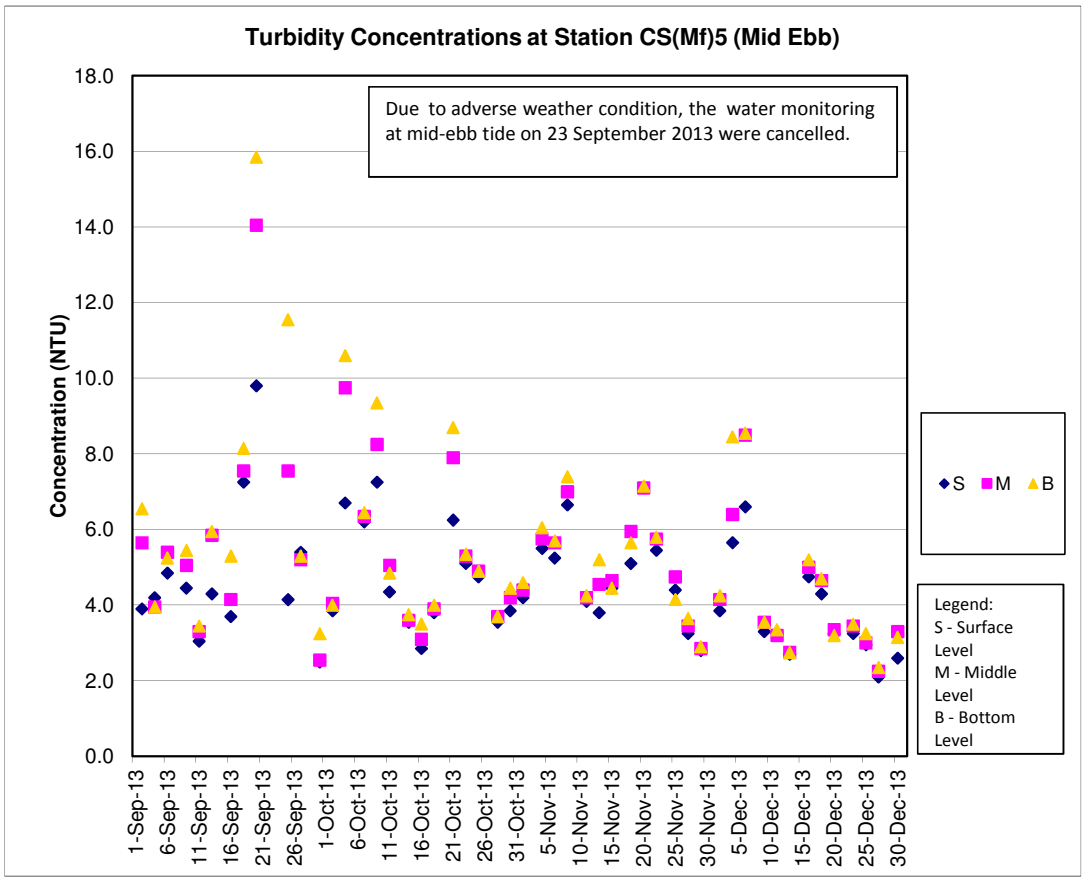

DO Concentrations at Station SR10A (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide 23 September 2013 were cancelled.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

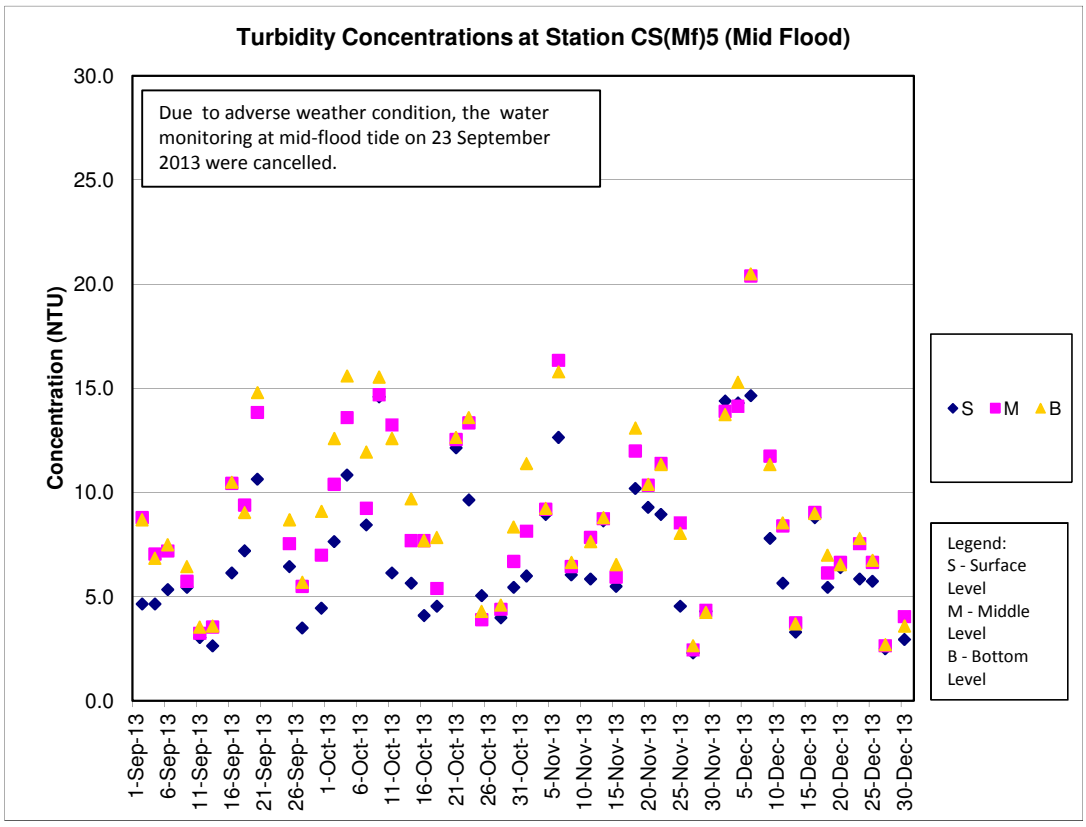

DO Concentrations at Station SR10B (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide on 23 September 2013 were cancelled.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

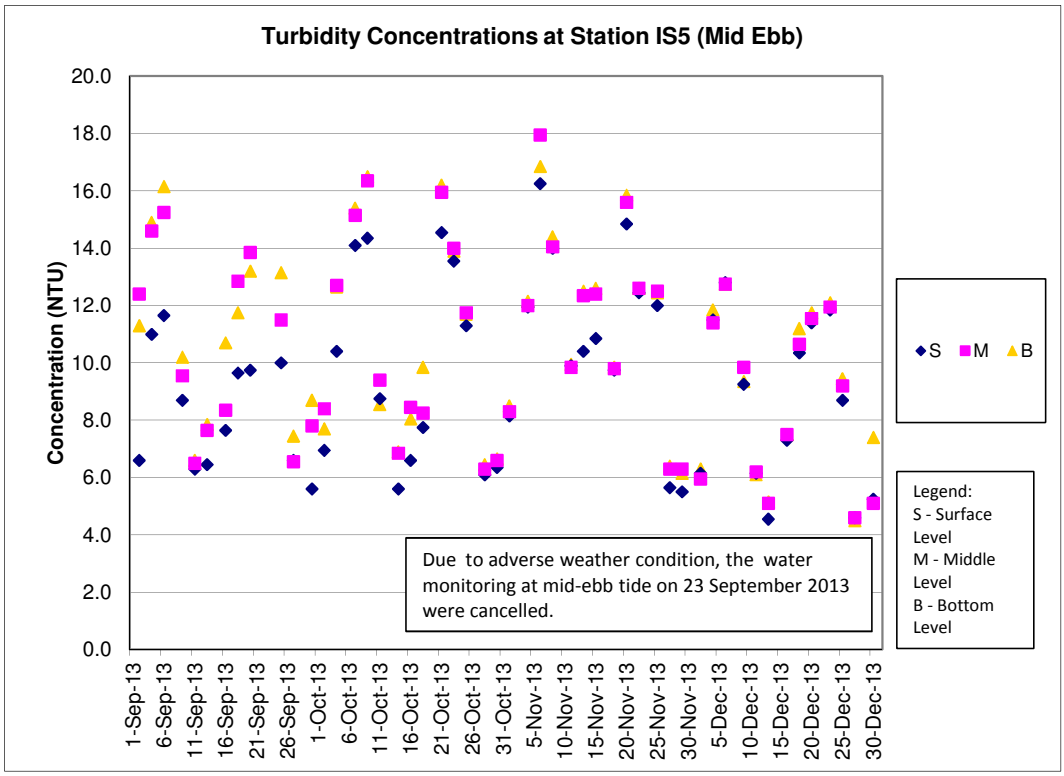

DO Concentrations at Station SR10B (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 23 September 2013 were cancelled.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

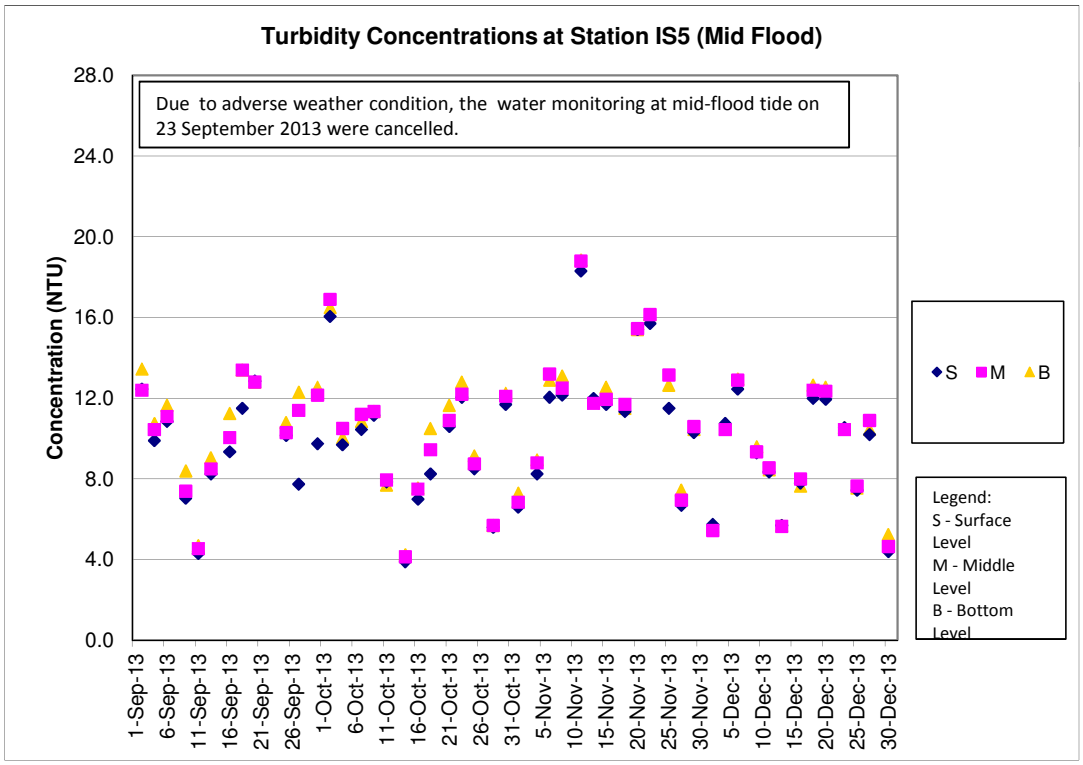

Turbidity Concentrations at Station CS2 (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide on 23 September 2013 were cancelled.
Concentration (NTU)
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

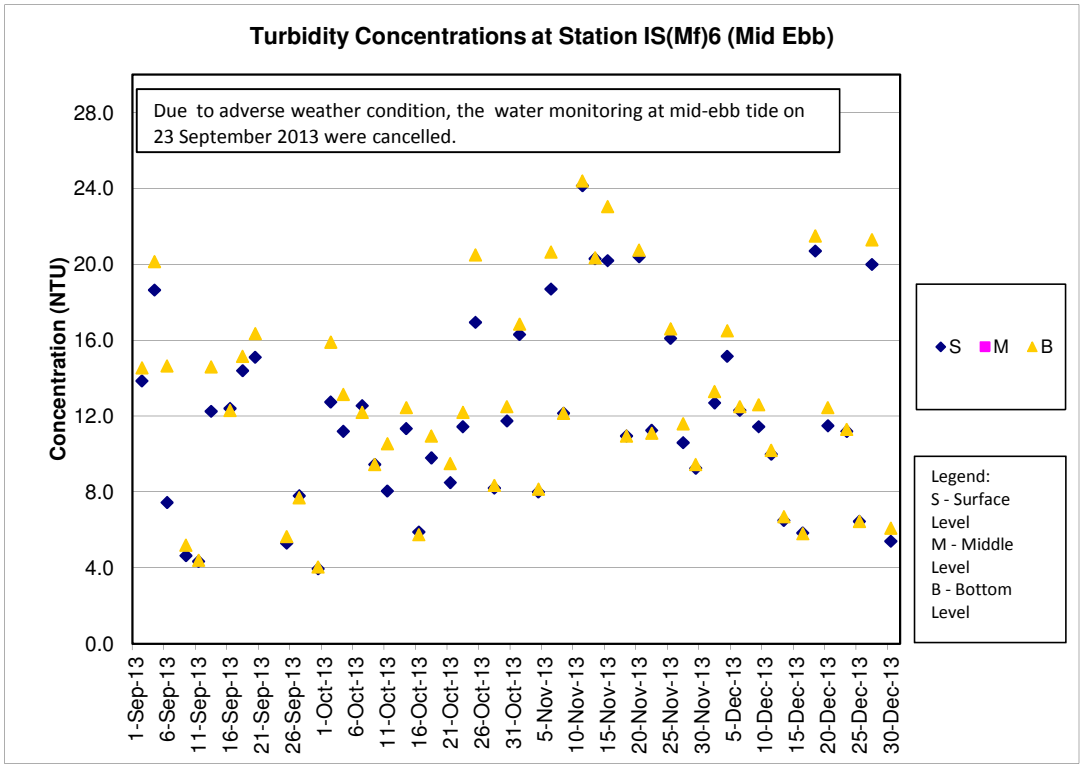

Turbidity Concentrations at Station CS2 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 23 September 2013 were cancelled.
Concentration (NTU)
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

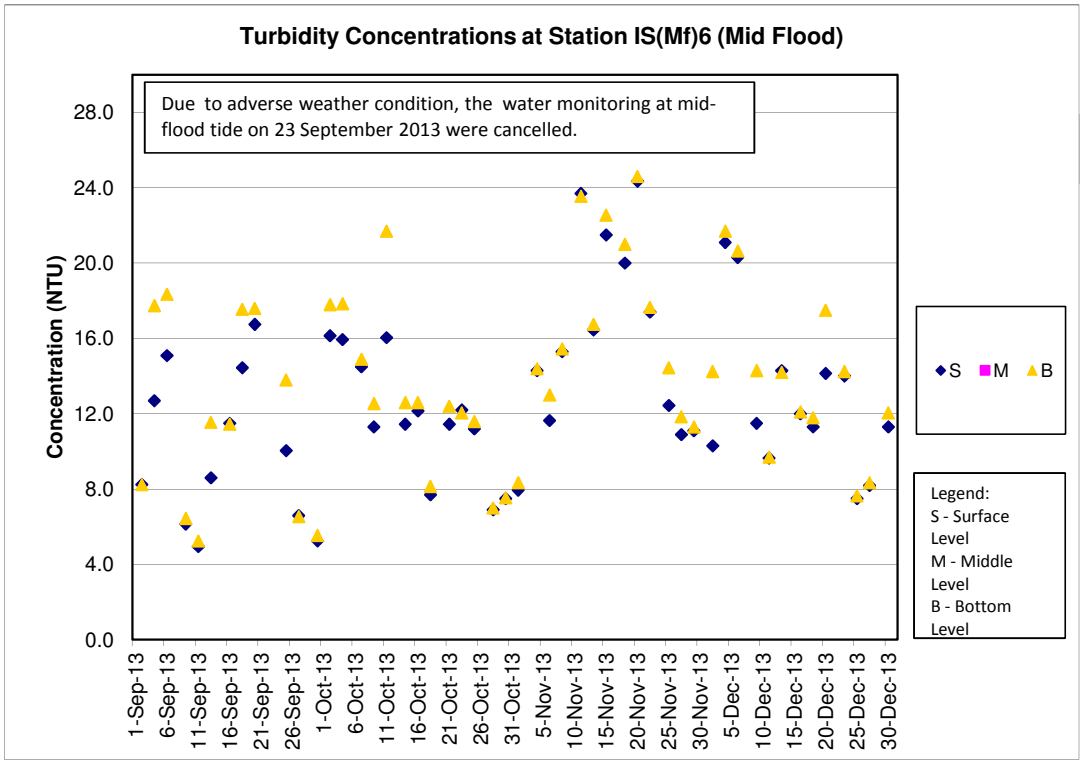

Turbidity Concentrations at Station CS(Mf)5 (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide on 23 September 2013 were cancelled.
Concentration (NTU)
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

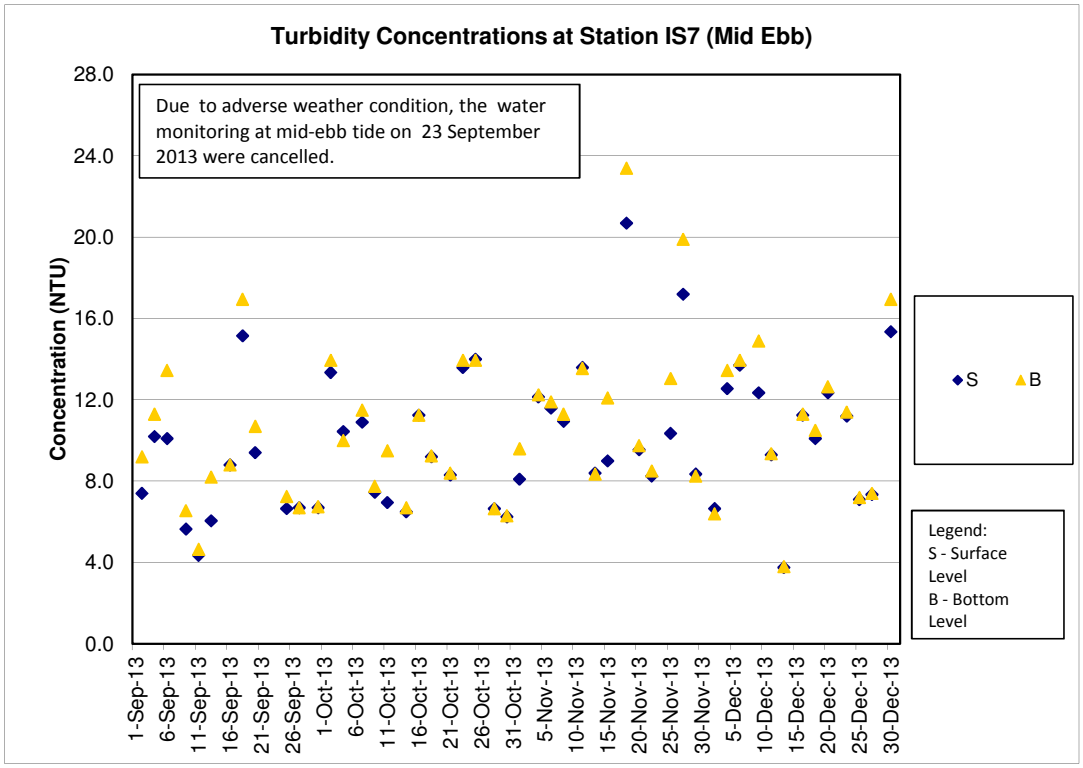

Turbidity Concentrations at Station CS(Mf)5 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 23 September 2013 were cancelled.
Concentration (NTU)
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

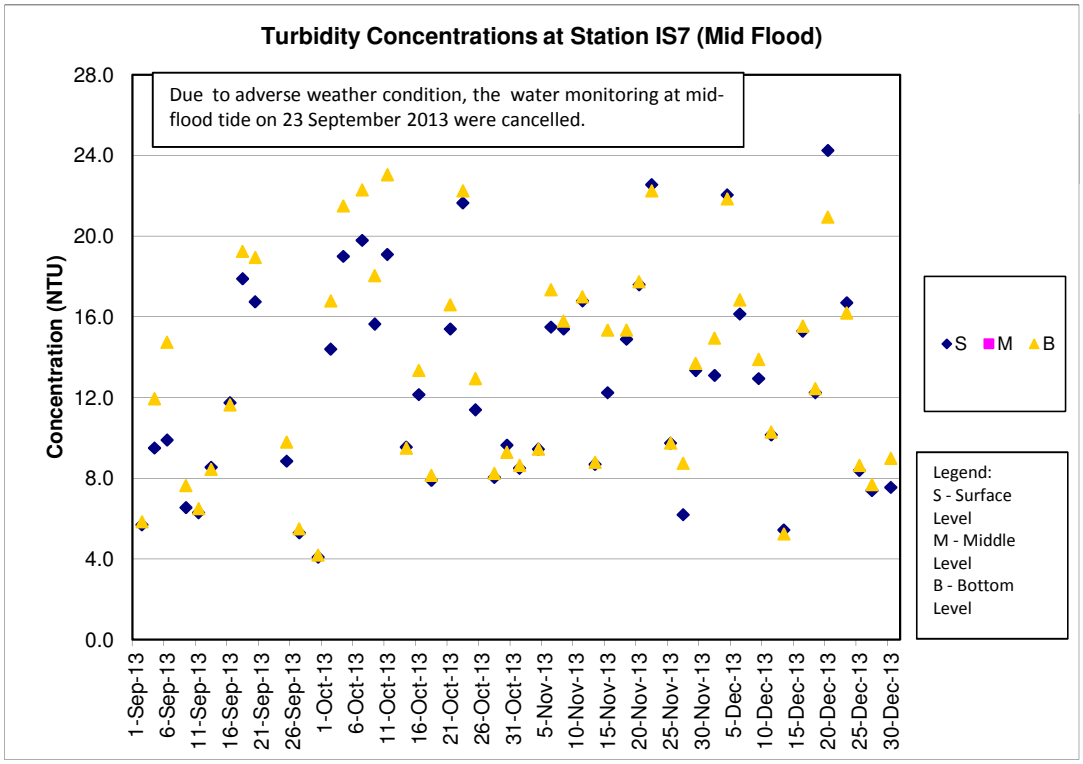

Turbidity Concentrations at Station IS5 (Mid Ebb)
Concentration (NTU)
20.0
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S M B
Due to adverse weather condition, the water monitoring at mid-ebb tide on 23 September 2013 were cancelled.
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

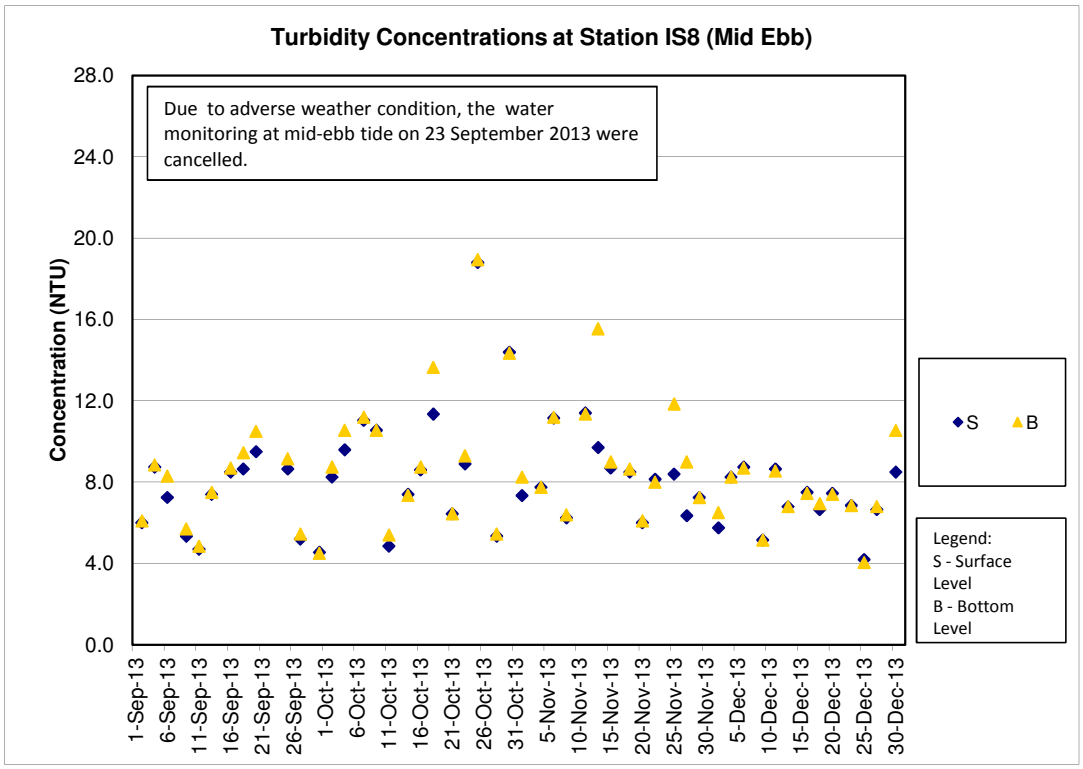

Turbidity Concentrations at Station IS5 (Mid Flood)
Concentration (NTU)
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
Due to adverse weather condition, the water monitoring at mid-flood tide on 23 September 2013 were cancelled.
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

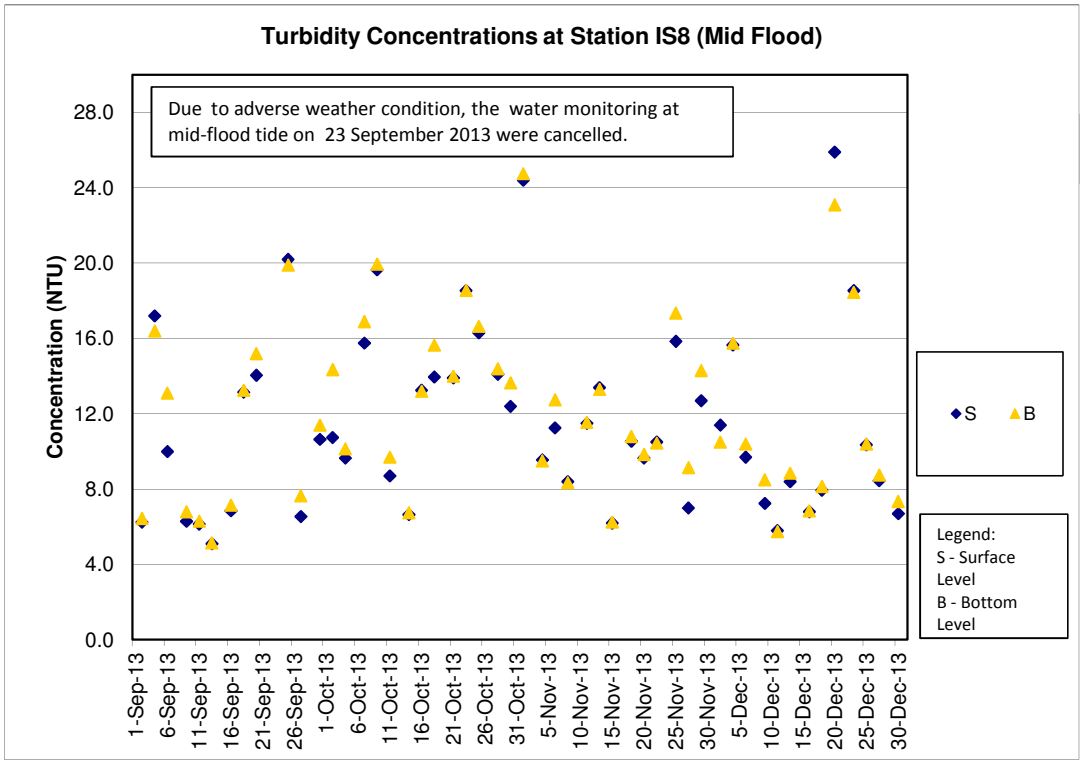

Turbidity Concentrations at Station IS(Mf)6 (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide on 23 September 2013 were cancelled.
Concentration (NTU)
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

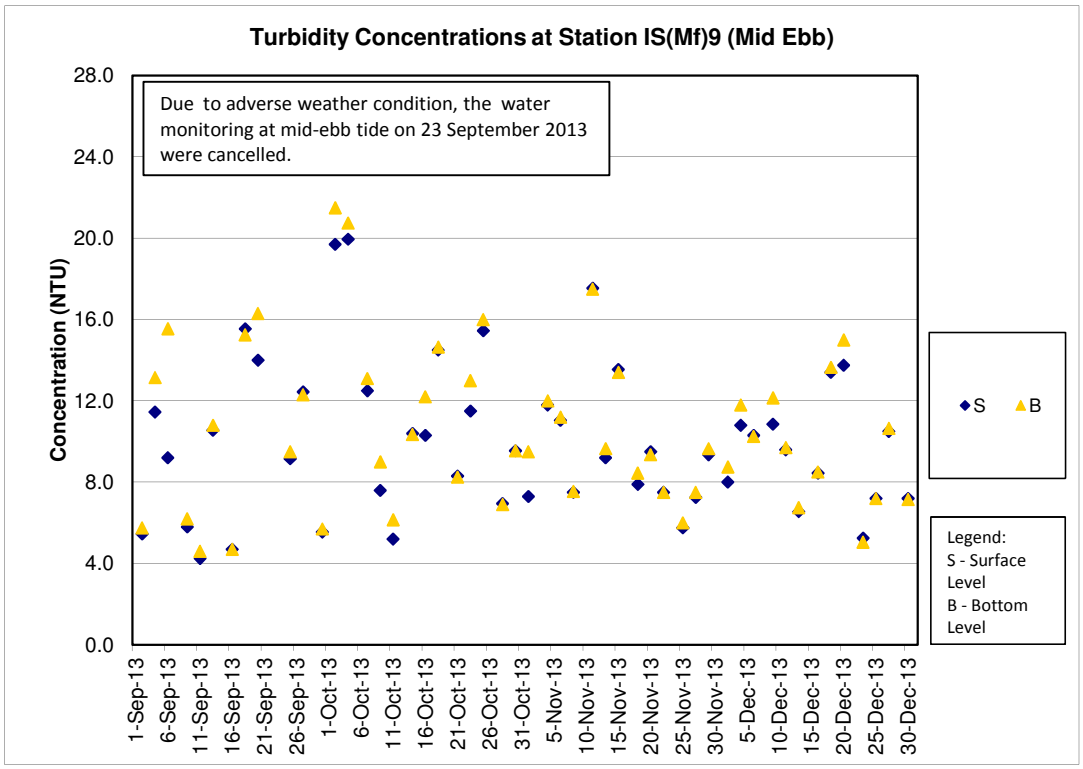

Turbidity Concentrations at Station IS(Mf)6 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 23 September 2013 were cancelled.
Concentration (NTU)
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

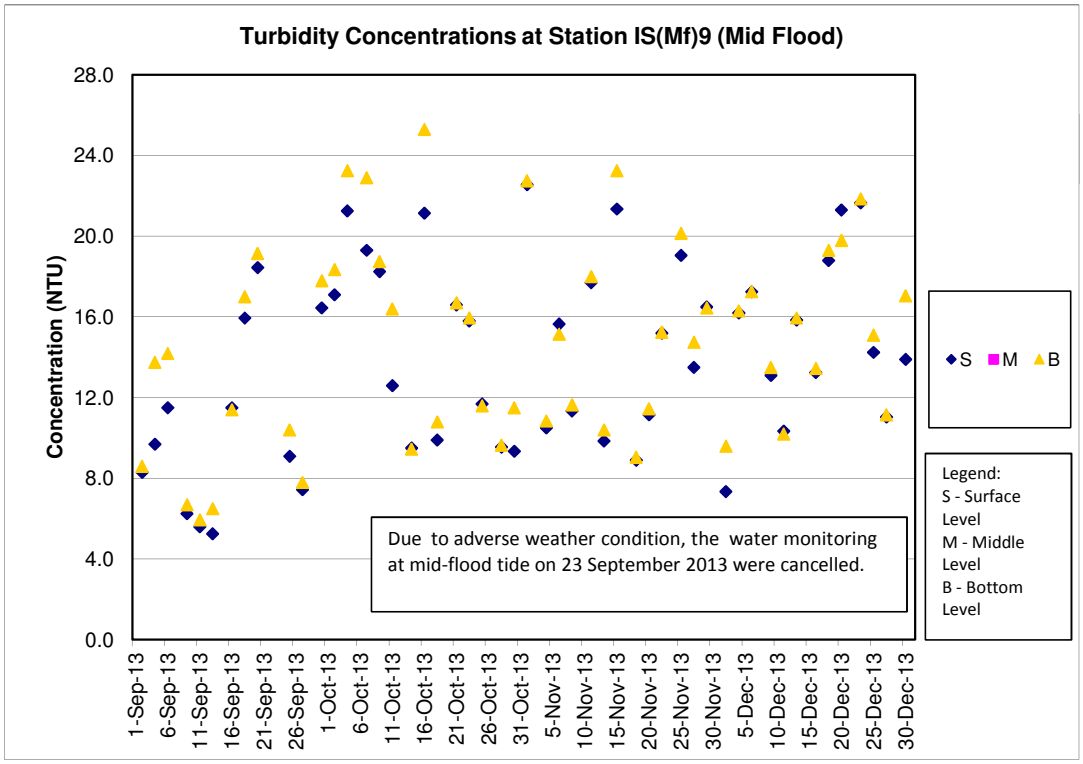

Turbidity Concentrations at Station IS7 (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide on 23 September 2013 were cancelled.
Concentration (NTU)
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S
B
Legend:
S - Surface Level
B - Bottom Level

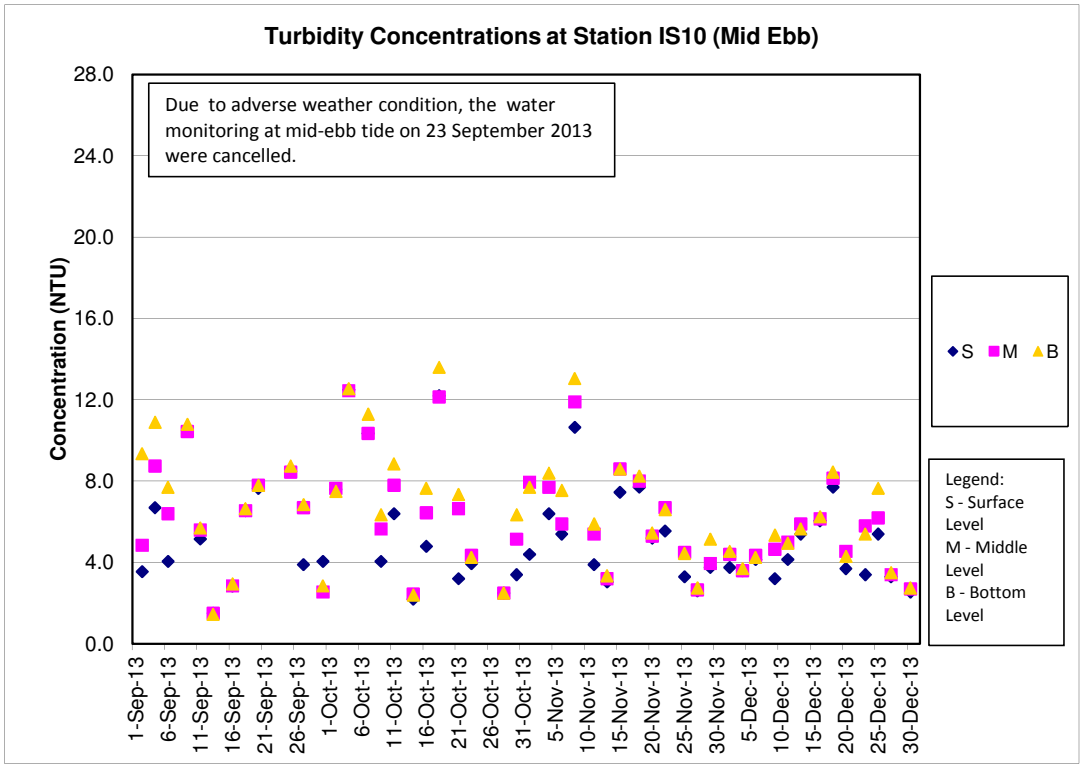

Turbidity Concentrations at Station IS7 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 23 September 2013 were cancelled.
Concentration (NTU)
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

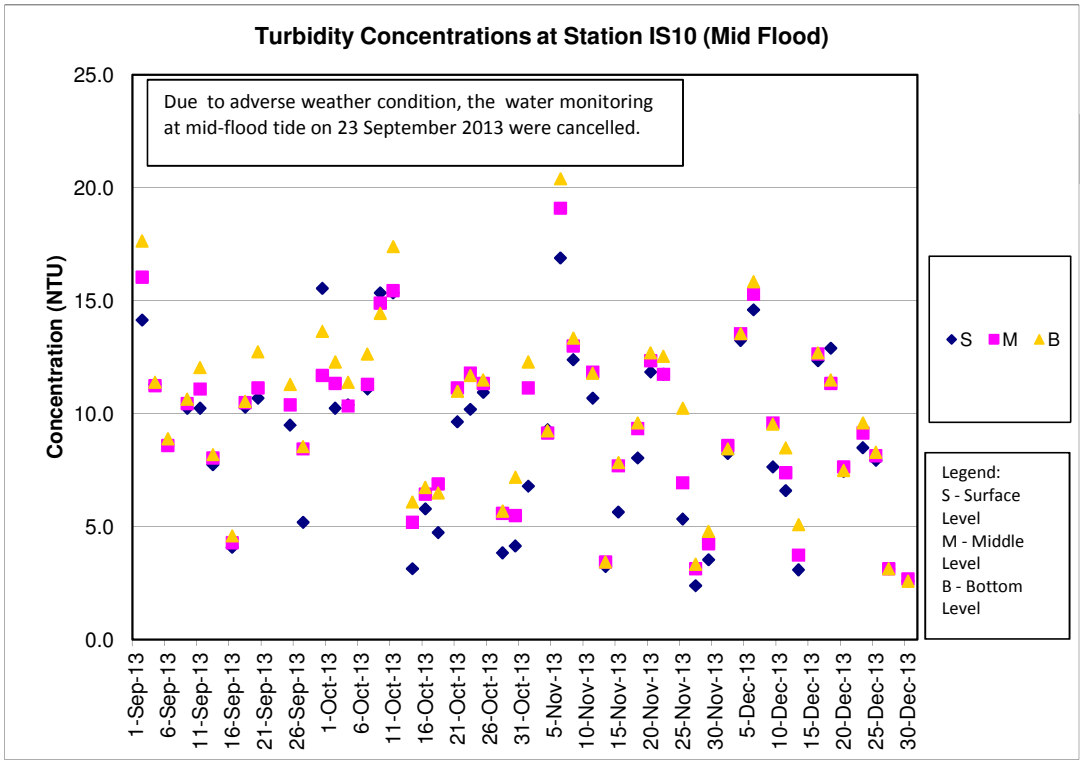

Turbidity Concentrations at Station IS8 (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide on 23 September 2013 were cancelled.
Concentration (NTU)
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S
B
Legend:
S - Surface Level
B - Bottom Level

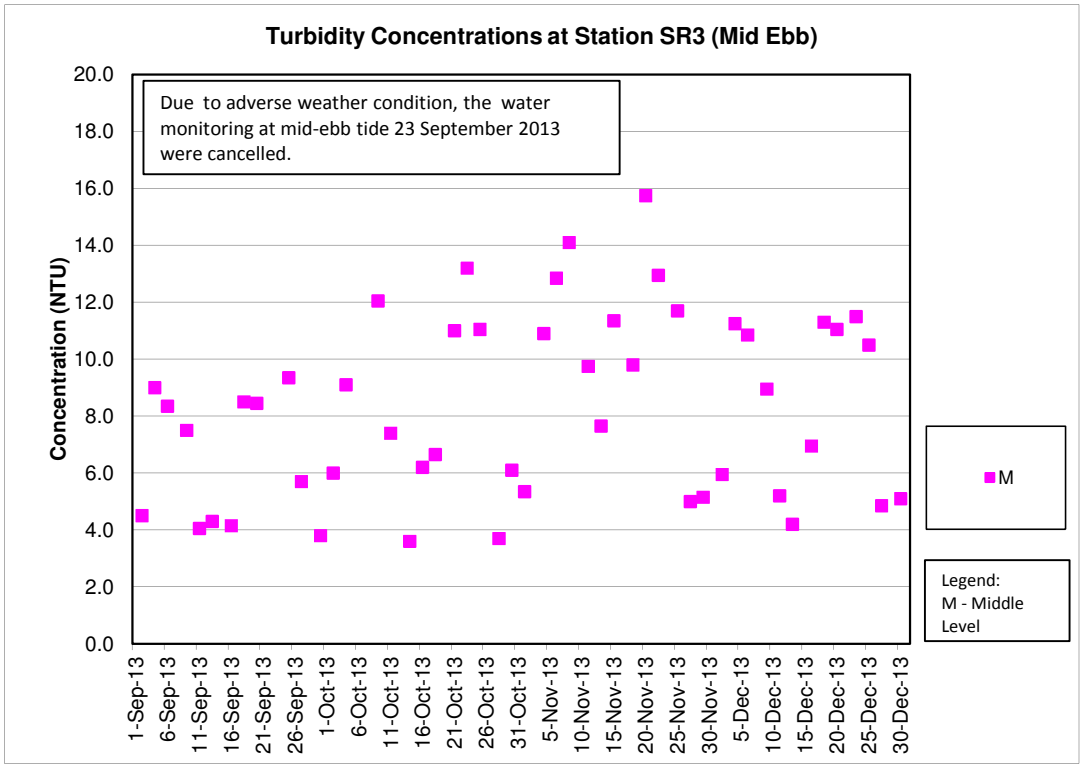

Turbidity Concentrations at Station IS8 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 23 September 2013 were cancelled.
Concentration (NTU)
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S
B
Legend:
S - Surface Level
B - Bottom Level

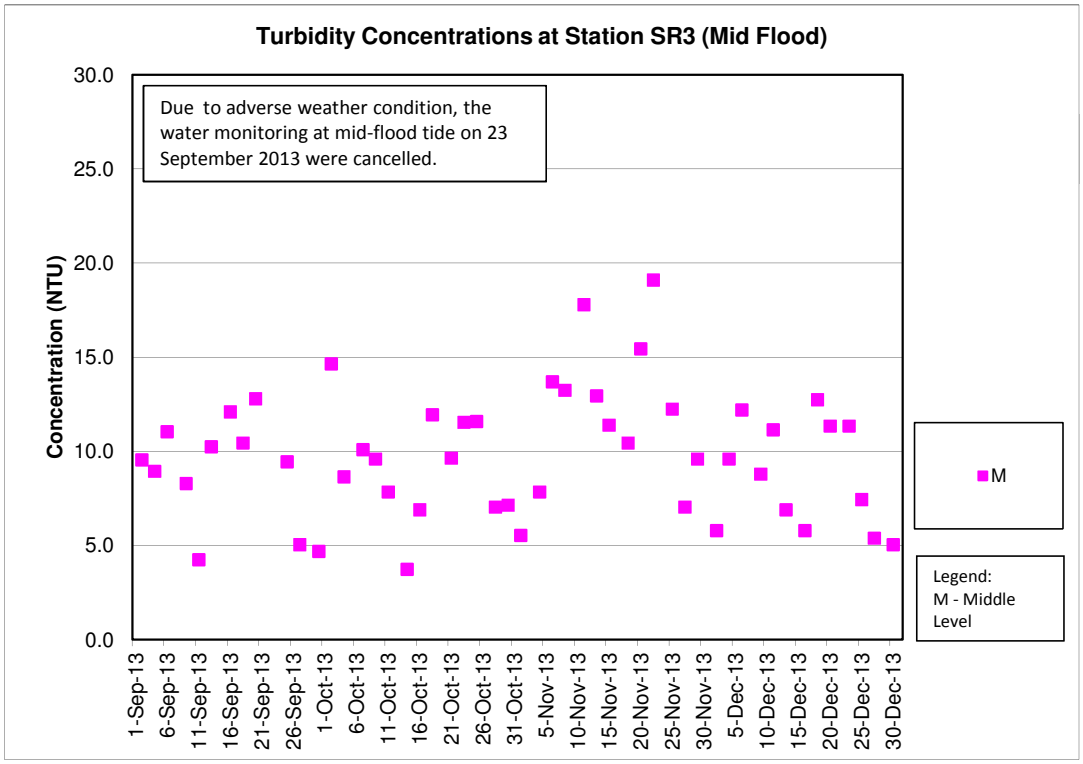

Turbidity Concentrations at Station IS(Mf)9 (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide on 23 September 2013 were cancelled.
Concentration (NTU)
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S
B
Legend:
S - Surface Level
B - Bottom Level

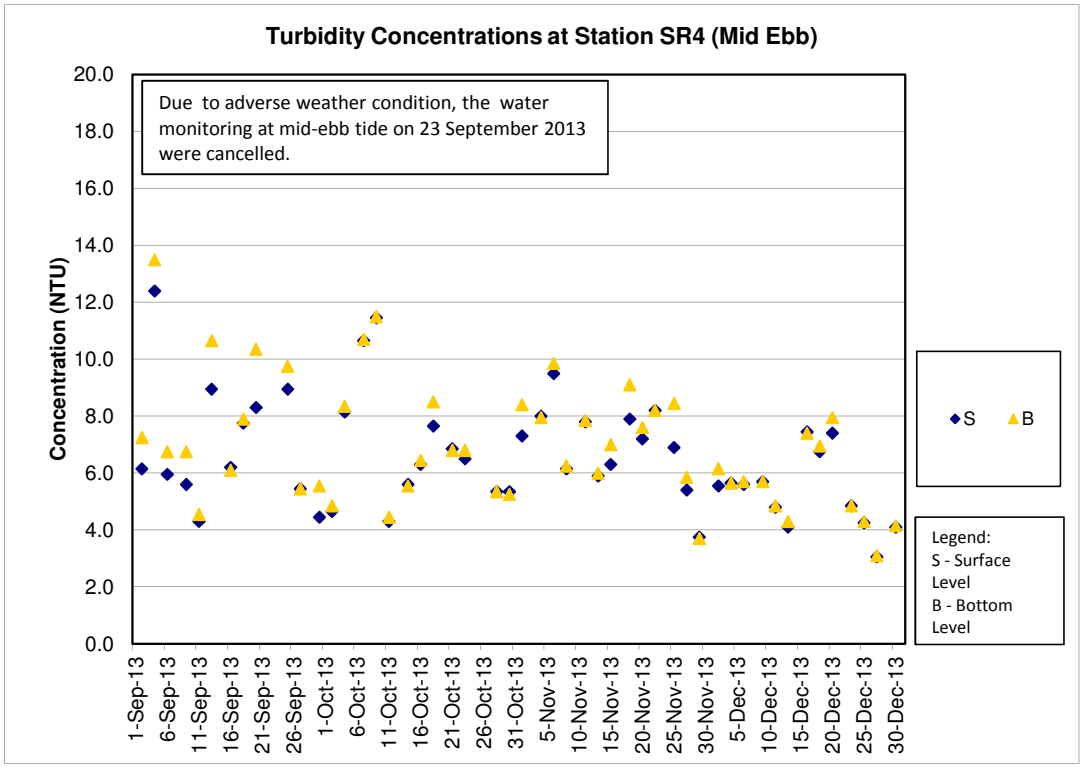

Turbidity Concentrations at Station IS(Mf)9 (Mid Flood)
Concentration (NTU)
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
Due to adverse weather condition, the water monitoring at mid-flood tide on 23 September 2013 were cancelled.
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

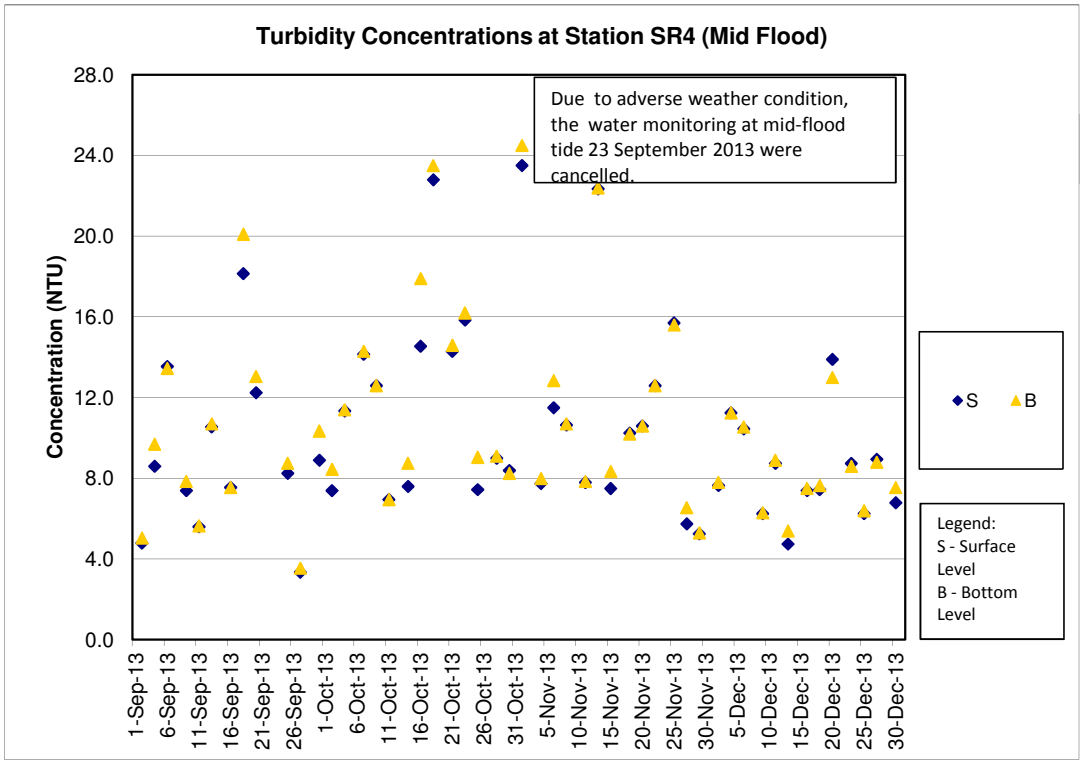

Turbidity Concentrations at Station IS10 (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide on 23 September 2013 were cancelled.
Concentration (NTU)
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

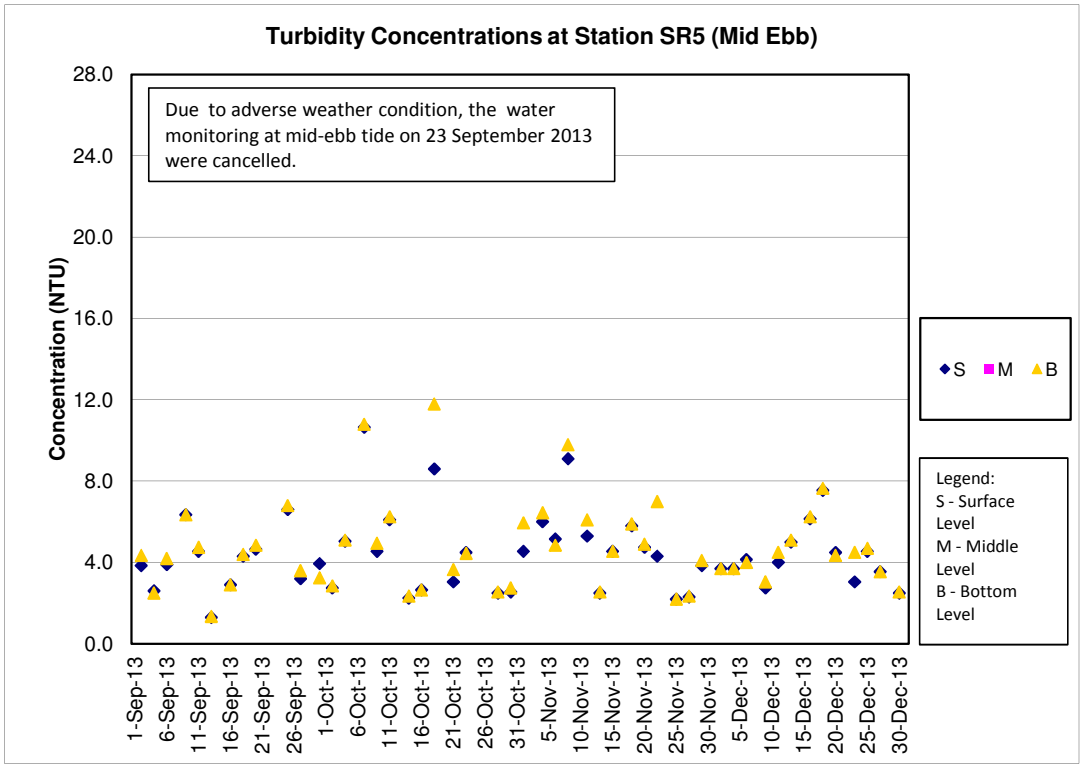

Turbidity Concentrations at Station IS10 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 23 September 2013 were cancelled.
Concentration (NTU)
25.0
20.0
15.0
10.0
5.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

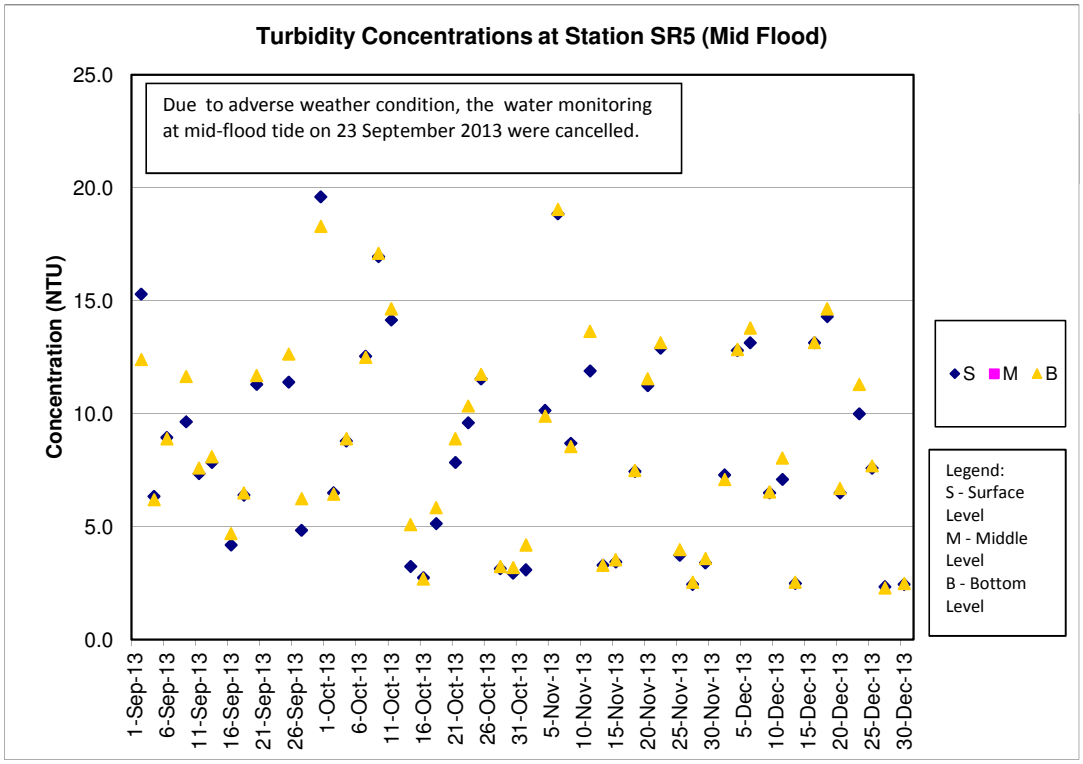

Turbidity Concentrations at Station SR3 (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide 23 September 2013 were cancelled.
Concentration (NTU)
20.0
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
M
Legend:
M - Middle Level

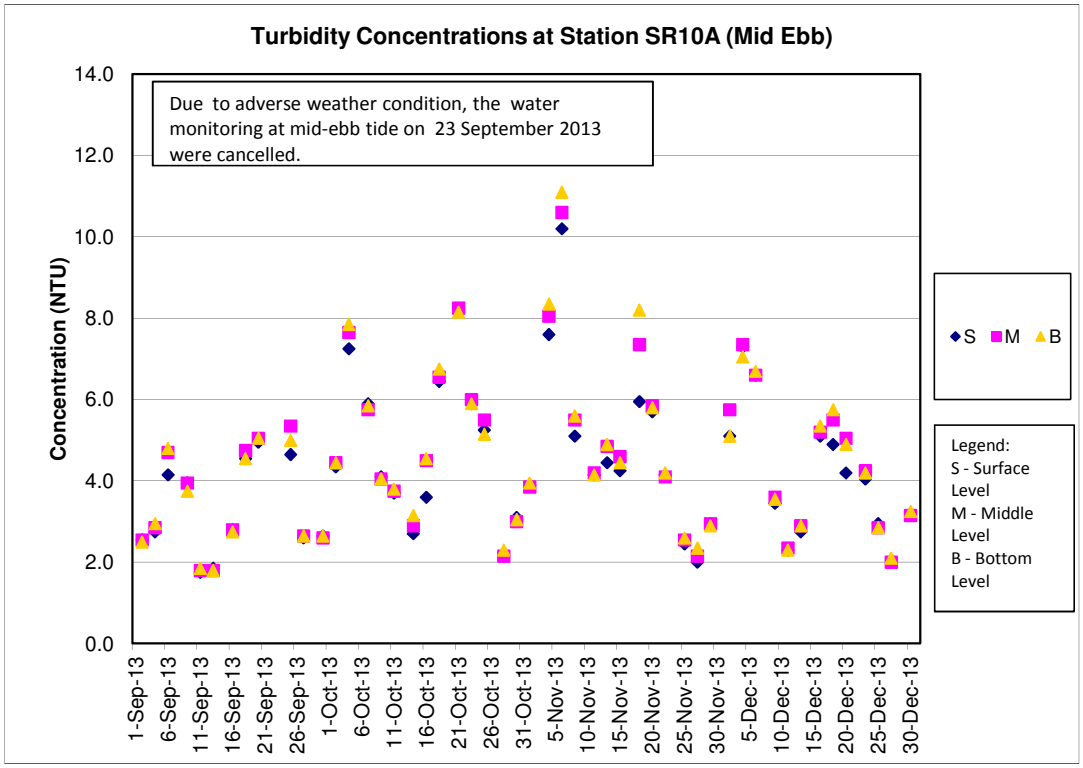

Turbidity Concentrations at Station SR3 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 23 September 2013 were cancelled.
Concentration (NTU)
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
M
Legend:
M - Middle Level

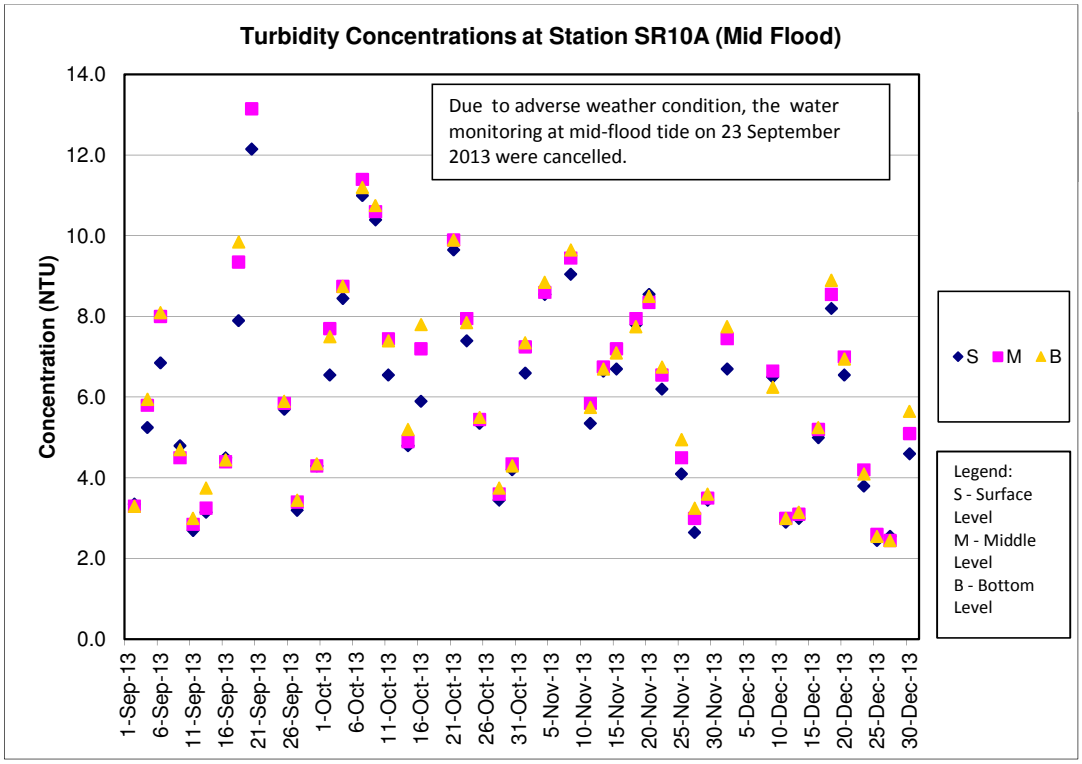

Turbidity Concentrations at Station SR4 (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide on 23 September 2013 were cancelled.
Concentration (NTU)
20.0
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S
B
Legend:
S - Surface Level
B - Bottom Level

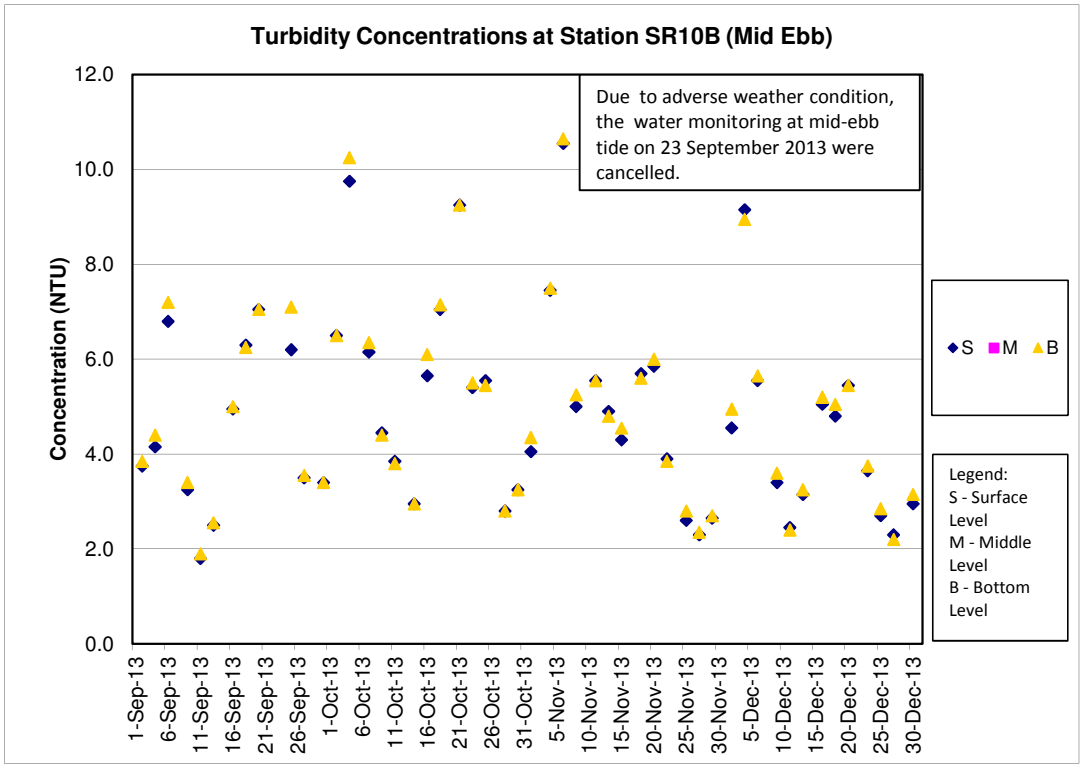

Turbidity Concentrations at Station SR4 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide 23 September 2013 were cancelled.
Concentration (NTU)
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S
B
Legend:
S - Surface Level
B - Bottom Level

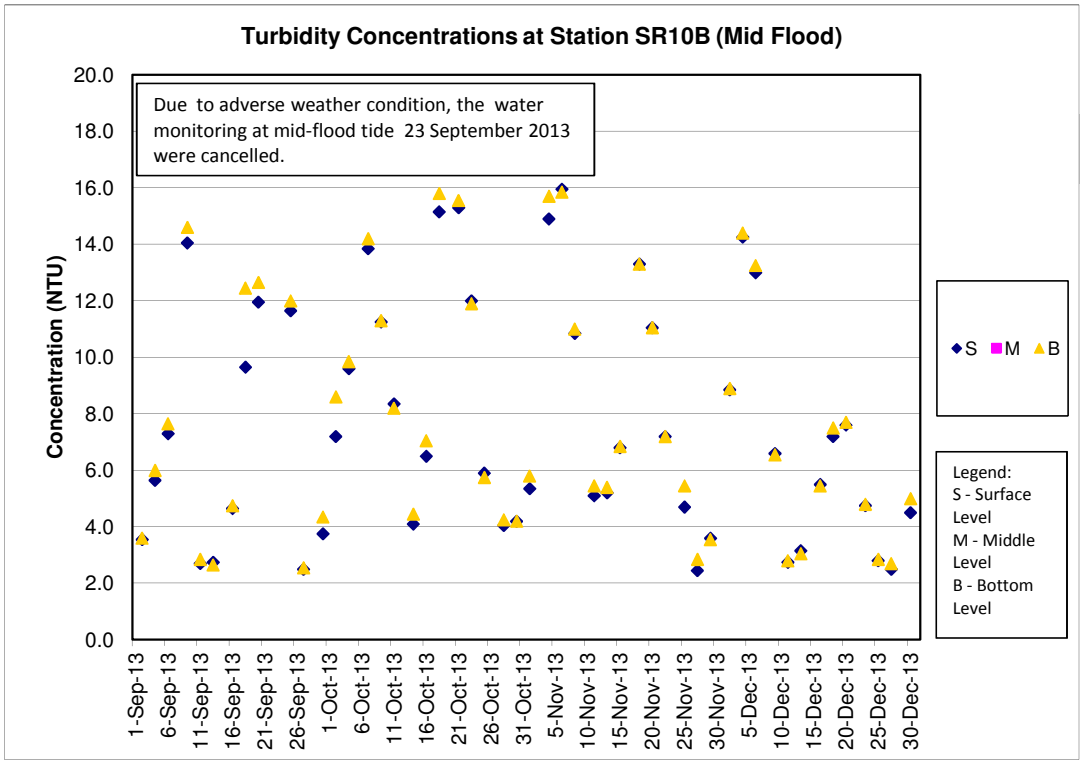

Turbidity Concentrations at Station SR5 (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide on 23 September 2013 were cancelled.
Concentration (NTU)
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

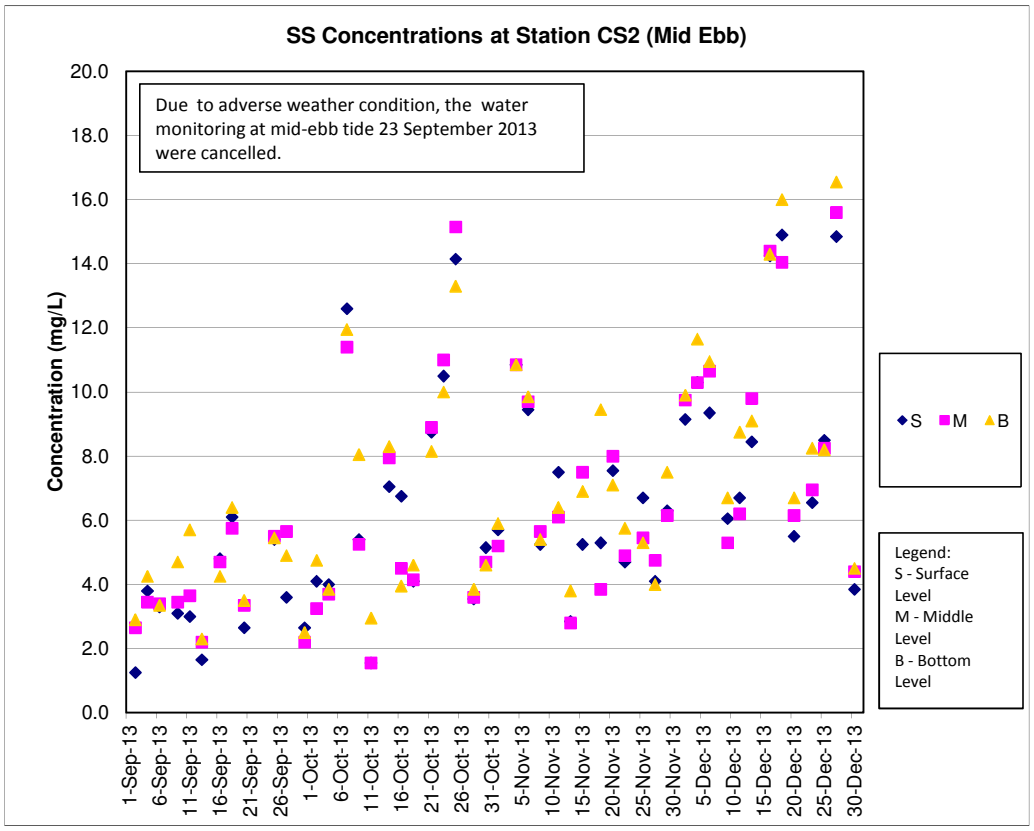

Turbidity Concentrations at Station SR5 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 23 September 2013 were cancelled.
Concentration (NTU)
25.0
20.0
15.0
10.0
5.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

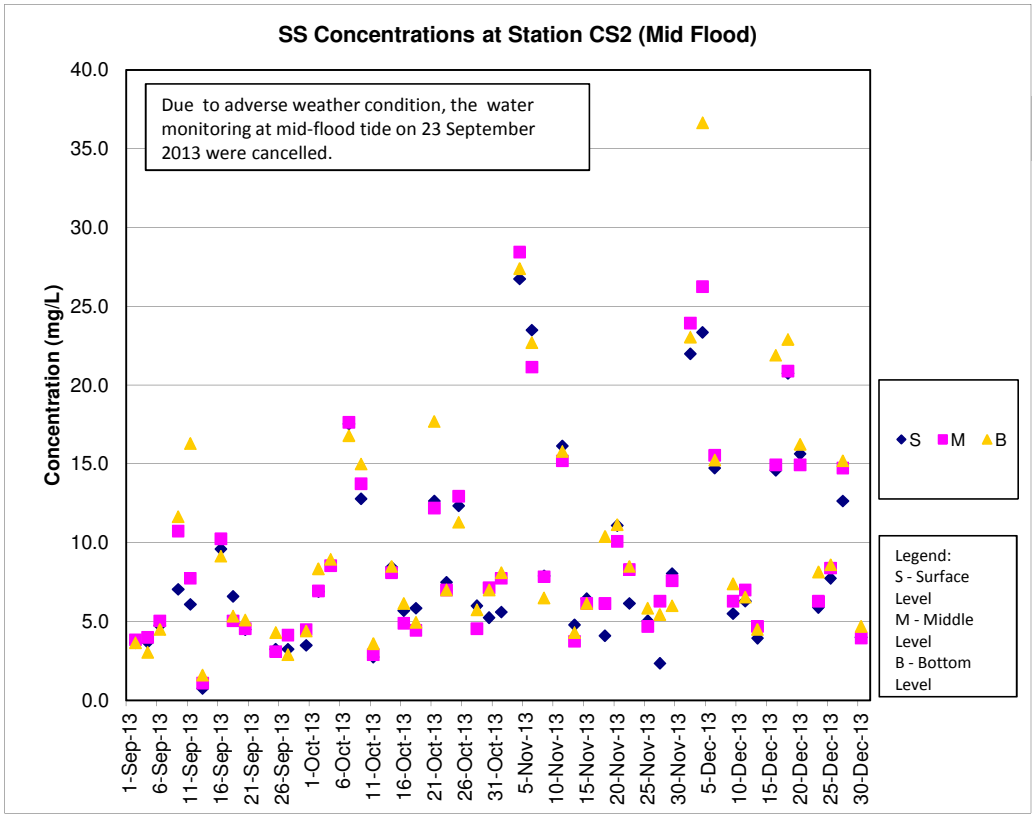

Turbidity Concentrations at Station SR10A (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide on 23 September 2013 were cancelled.
Concentration (NTU)
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

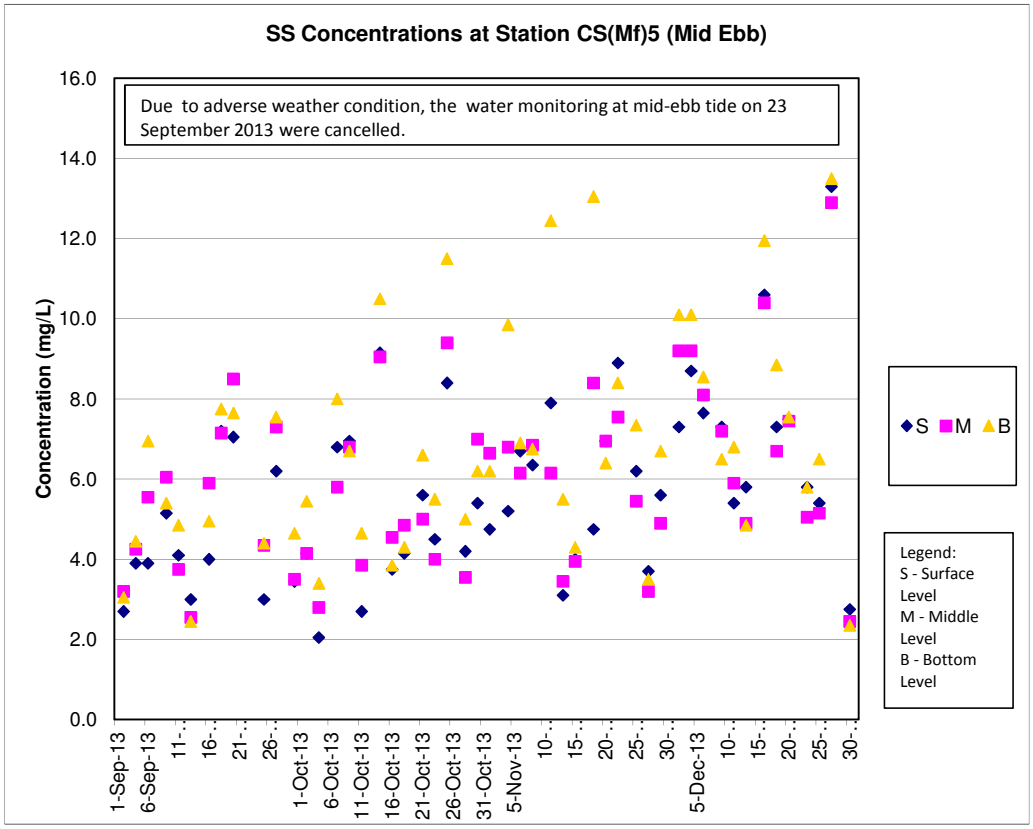

Turbidity Concentrations at Station SR10A (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 23 September 2013 were cancelled.
Concentration (NTU)
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

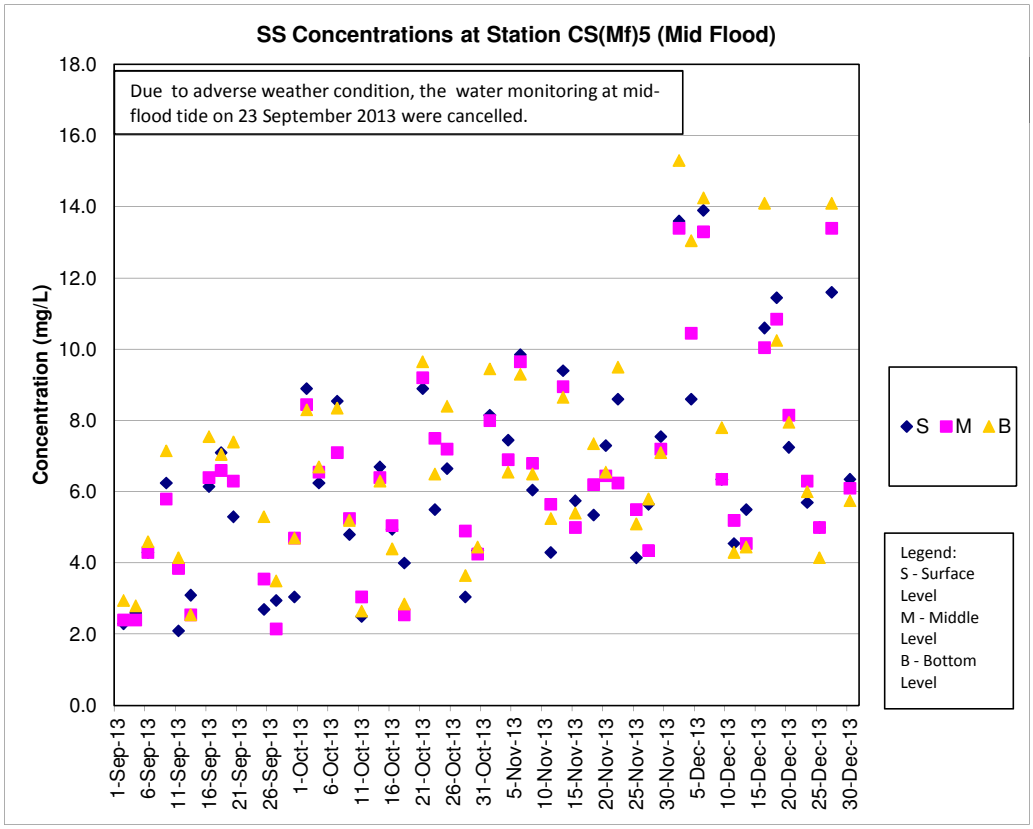

Turbidity Concentrations at Station SR10B (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide on 23 September 2013 were cancelled.
Concentration (NTU)
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

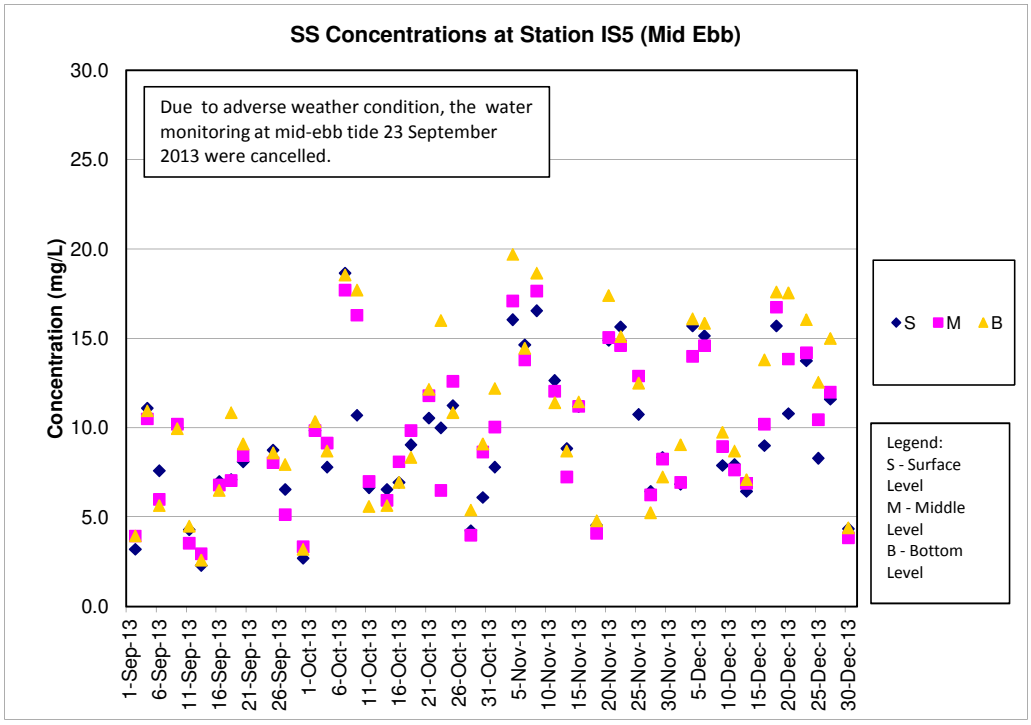

Turbidity Concentrations at Station SR10B (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide 23 September 2013 were cancelled.
Concentration (NTU)
20.0
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

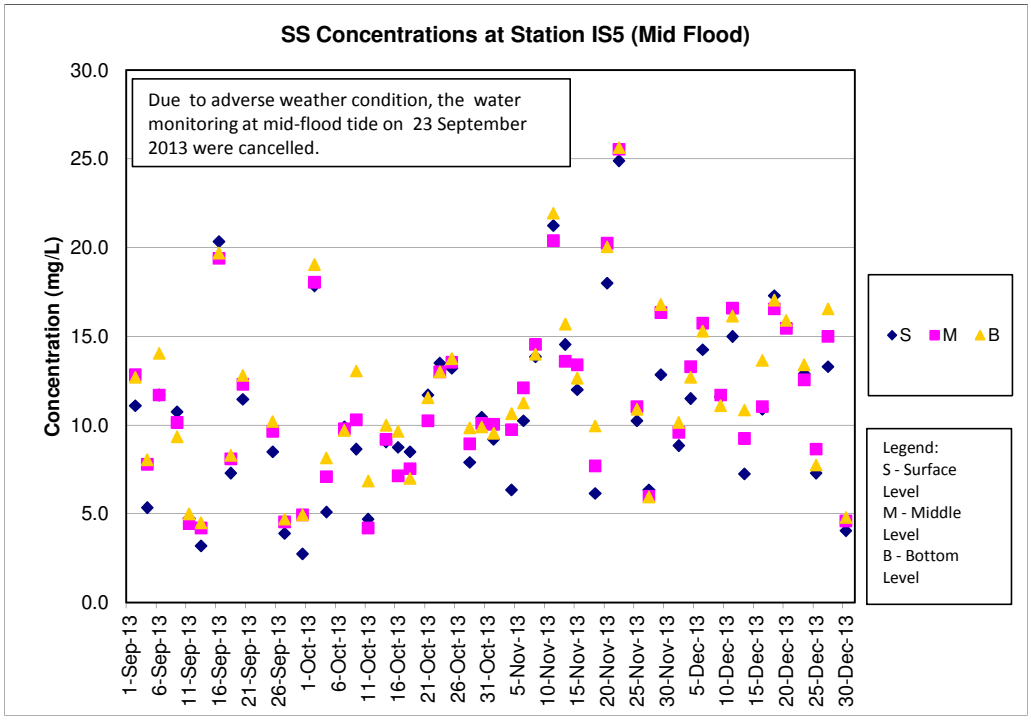

SS Concentrations at Station CS2 (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide 23 September 2013 were cancelled.
Concentration (mg/L)
20.0
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

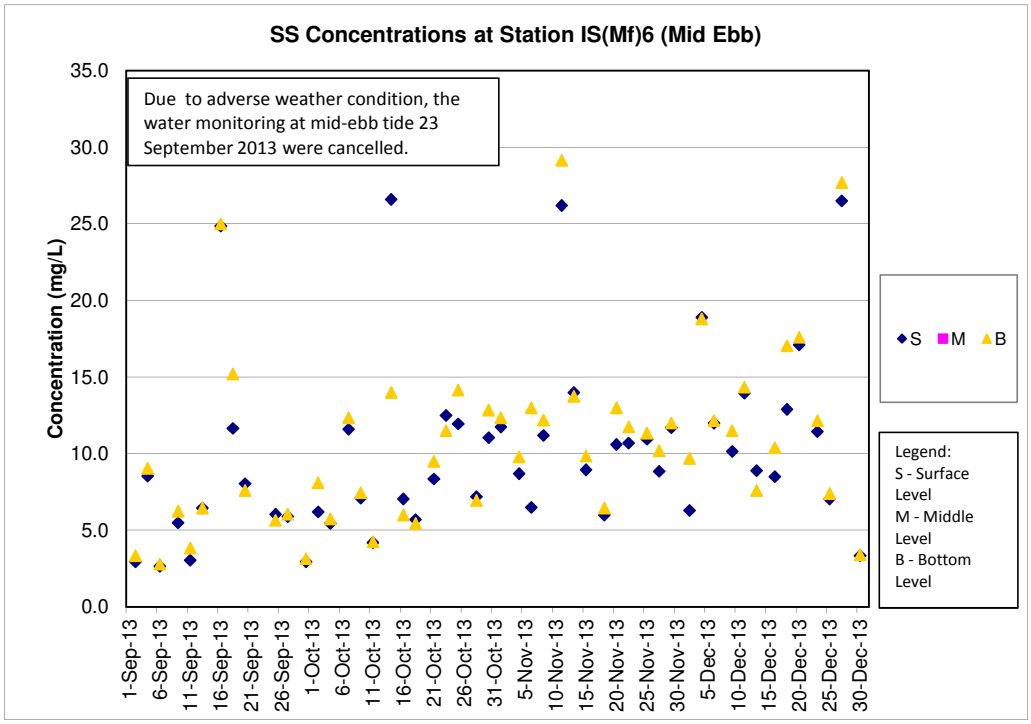

SS Concentrations at Station CS2 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 23 September 2013 were cancelled.
Concentration (mg/L)
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

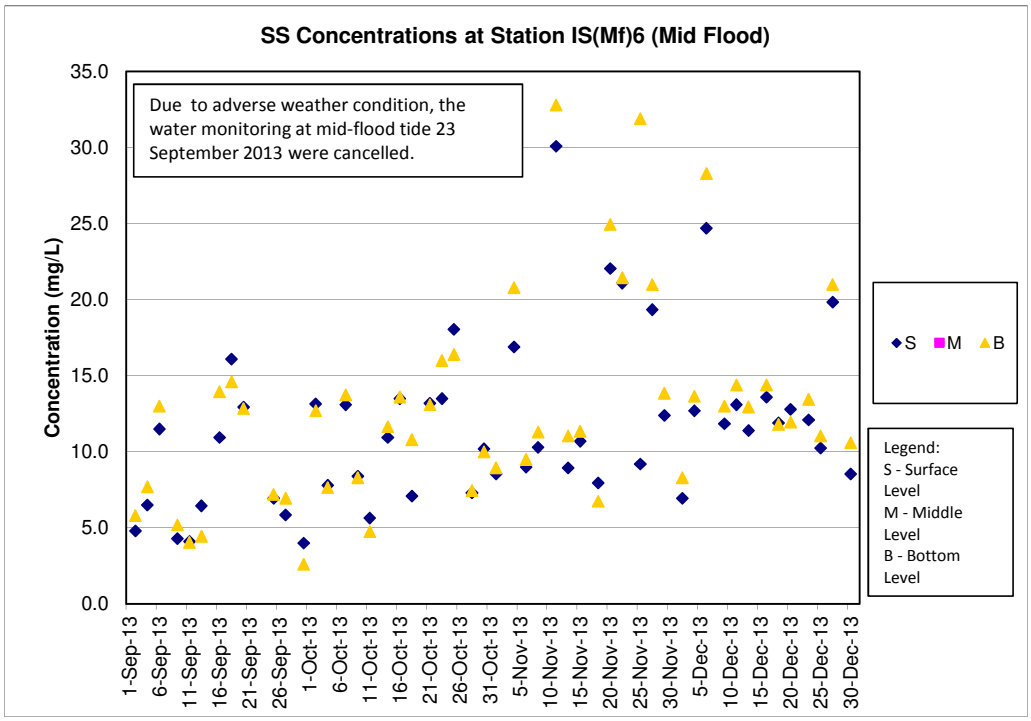

SS Concentrations at Station CS(Mf)5 (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide on 23 September 2013 were cancelled.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Sep-13
6-Sep-13
11-...
16-...
21-...
26-...
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-...
15-...
20-...
25-...
30-...
5-Dec-13
10-...
15-...
20-...
25-...
30-...
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

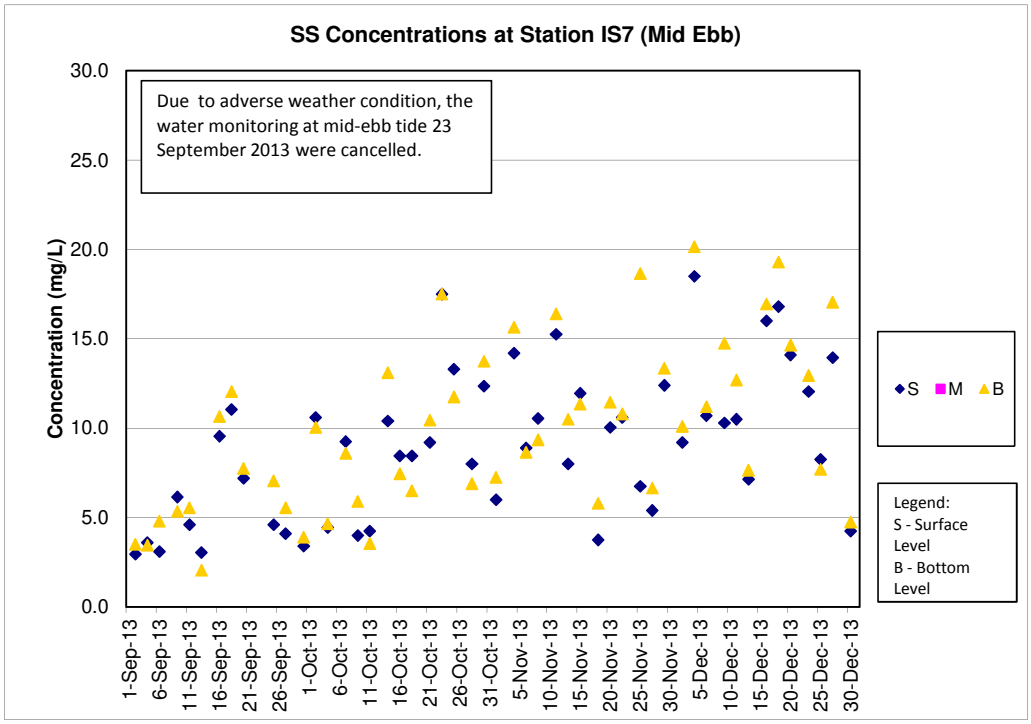

SS Concentrations at Station CS(Mf)5 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 23 September 2013 were cancelled.
Concentration (mg/L)
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

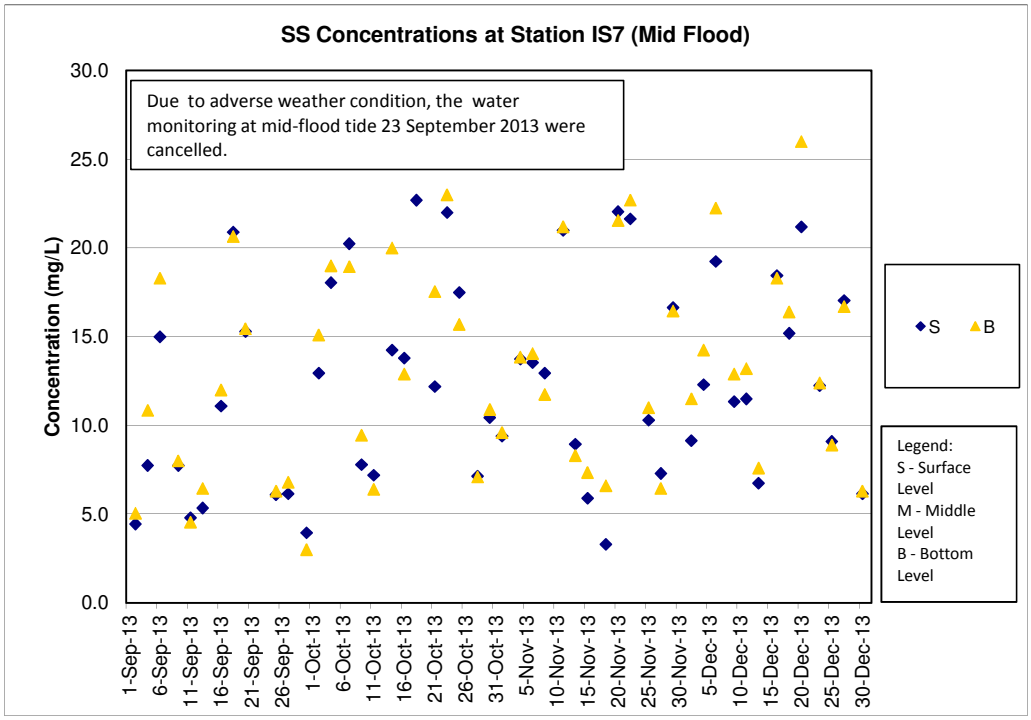

SS Concentrations at Station IS5 (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide 23 September 2013 were cancelled.
Concentration (mg/L)
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

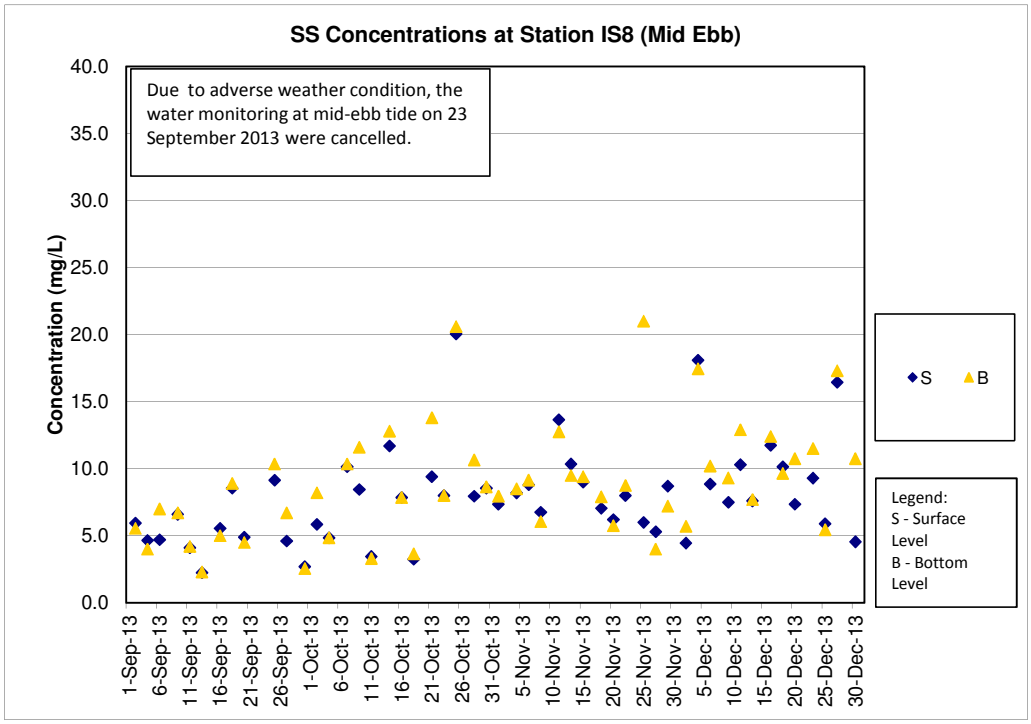

SS Concentrations at Station IS5 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 23 September 2013 were cancelled.
Concentration (mg/L)
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

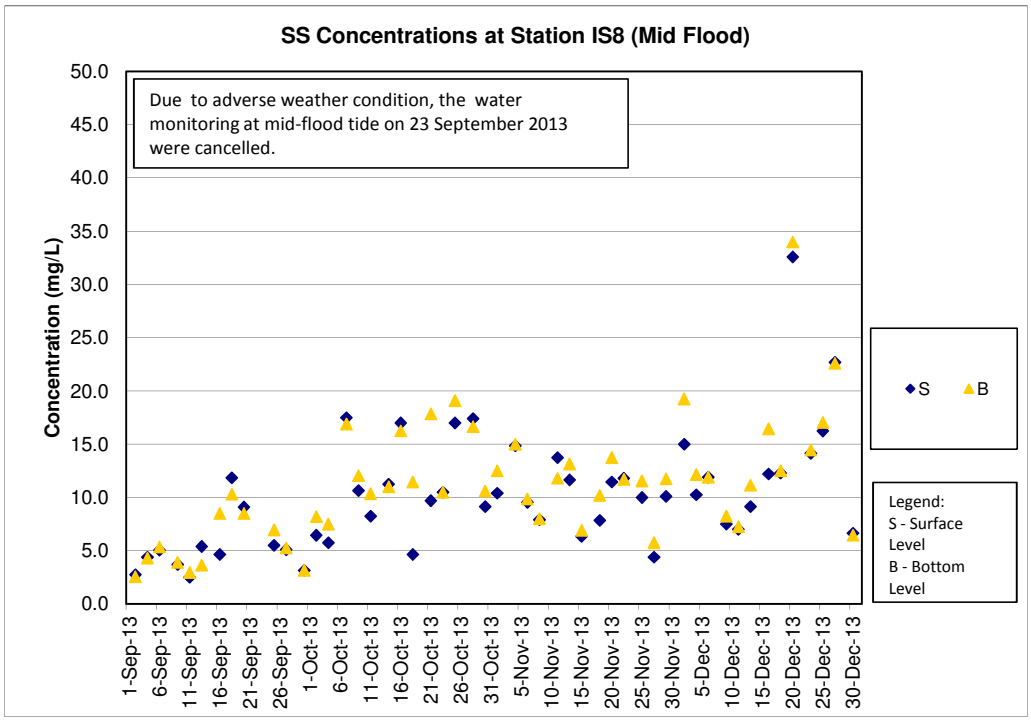

SS Concentrations at Station IS(Mf)6 (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide 23 September 2013 were cancelled.
Concentration (mg/L)
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

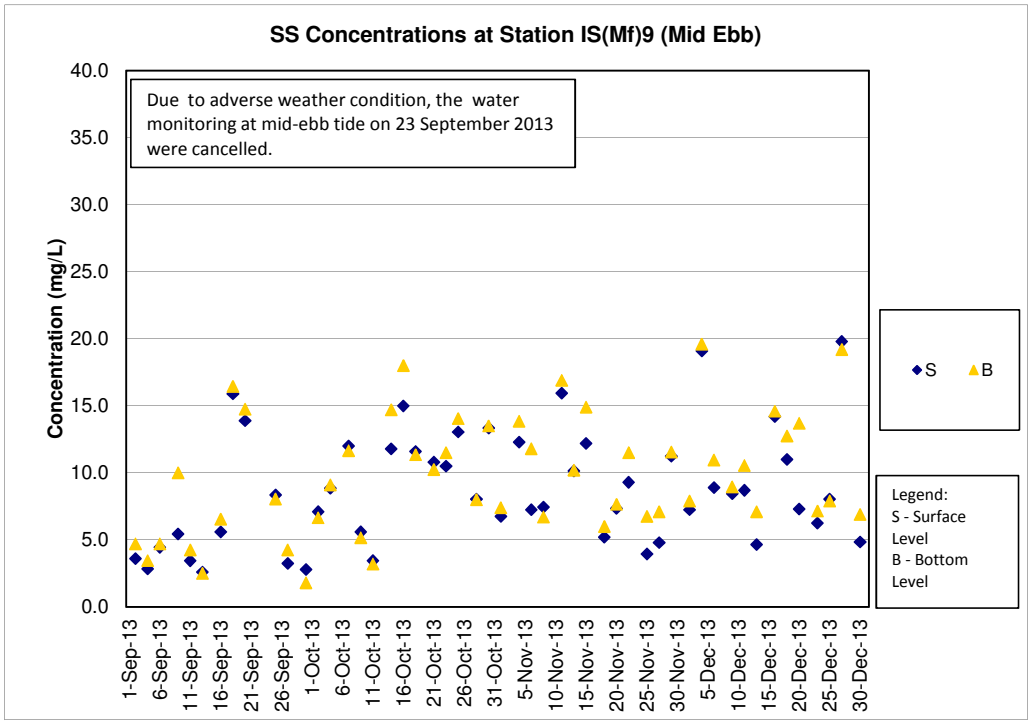

SS Concentrations at Station IS(Mf)6 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide 23 September 2013 were cancelled.
Concentration (mg/L)
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

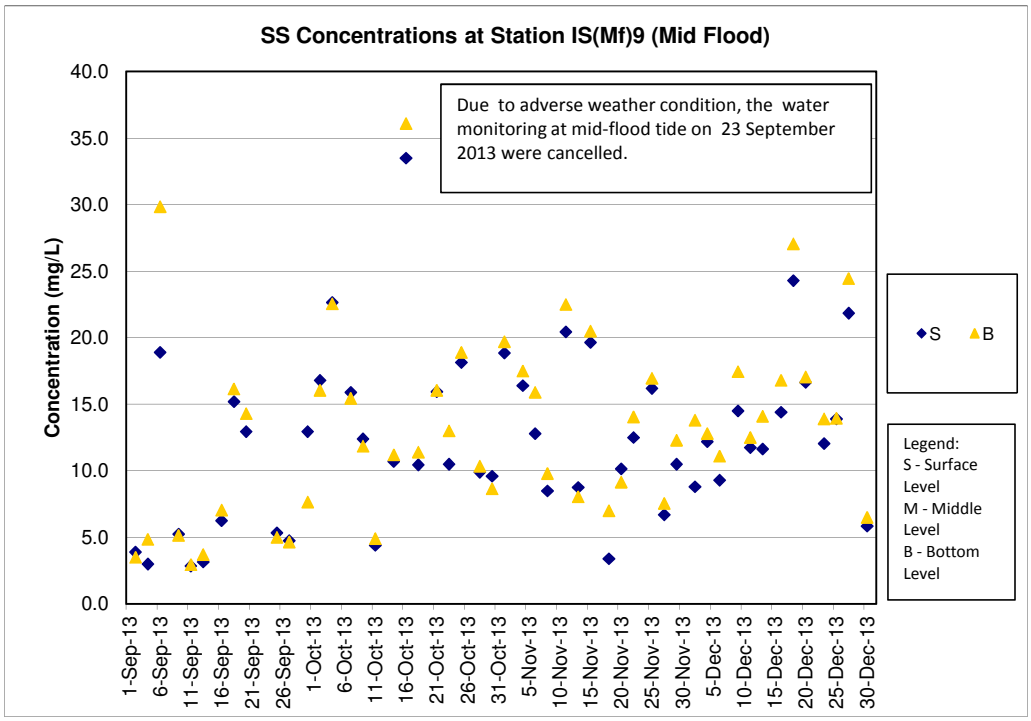

SS Concentrations at Station IS7 (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide 23 September 2013 were cancelled.
Concentration (mg/L)
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S
M
B
Legend:
S - Surface Level
B - Bottom Level

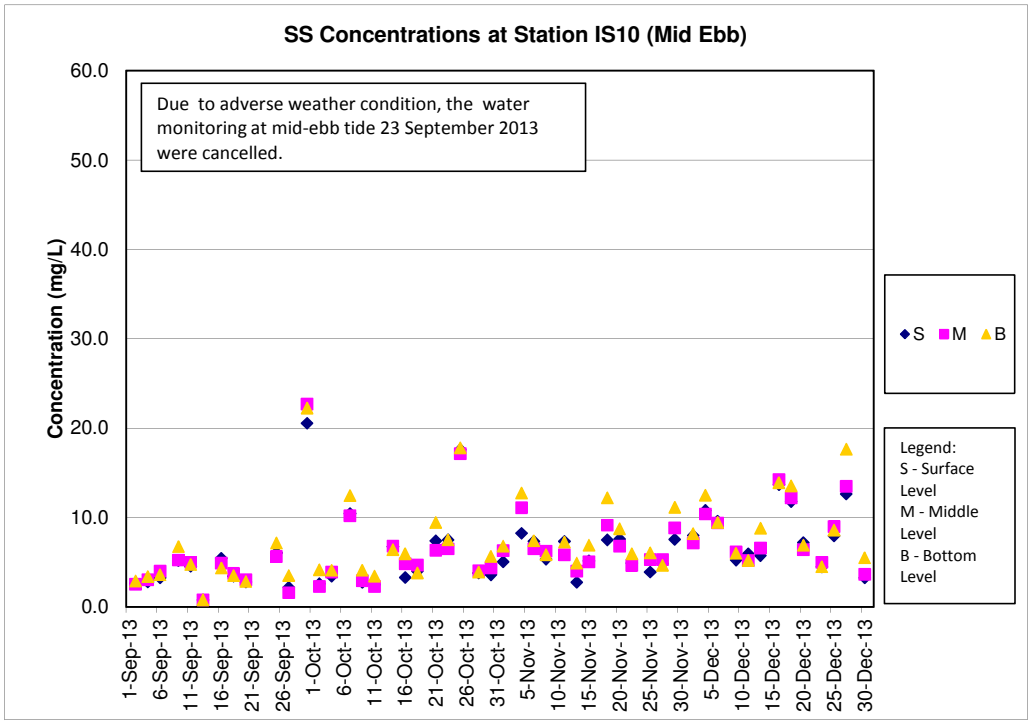

SS Concentrations at Station IS7 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide 23 September 2013 were cancelled.
Concentration (mg/L)
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

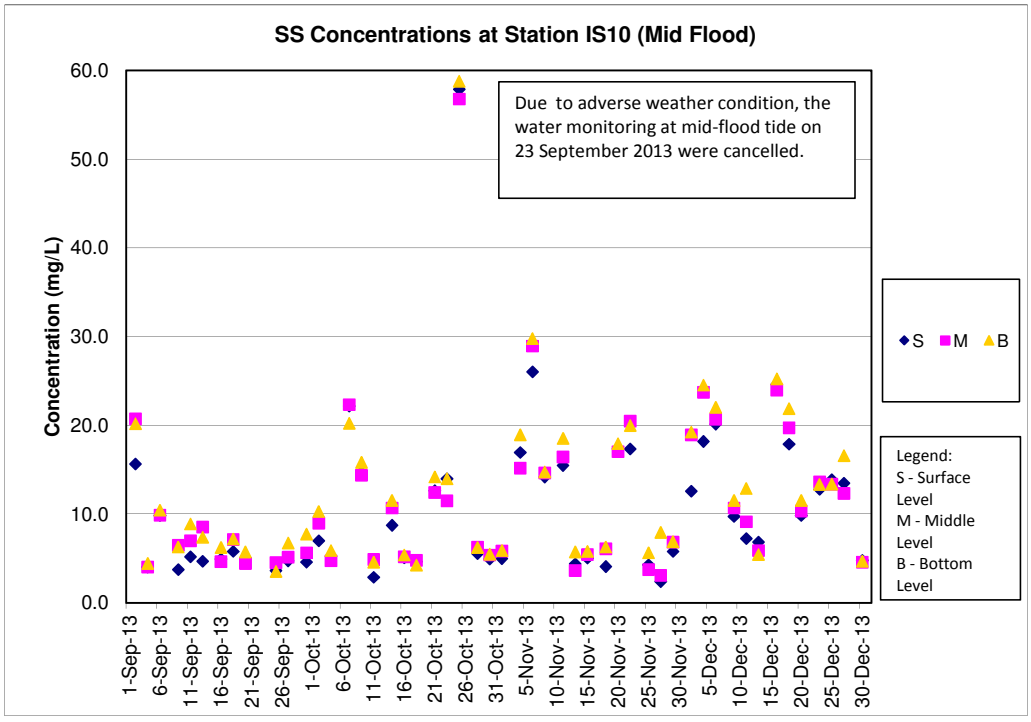

SS Concentrations at Station IS8 (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide on 23 September 2013 were cancelled.
Concentration (mg/L)
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S
B
Legend:
S - Surface Level
B - Bottom Level


SS Concentrations at Station IS8 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 23 September 2013 were cancelled.
Concentration (mg/L)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S
B
Legend:
S - Surface Level
B - Bottom Level


SS Concentrations at Station IS(Mf)9 (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide on 23 September 2013 were cancelled.
Concentration (mg/L)
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S
B
Legend:
S - Surface Level
B - Bottom Level


SS Concentrations at Station IS(Mf)9 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 23 September 2013 were cancelled.
Concentration (mg/L)
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


SS Concentrations at Station IS10 (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide 23 September 2013 were cancelled.
Concentration (mg/L)
60.0
50.0
40.0
30.0
20.0
10.0
0.0
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13


SS Concentrations at Station IS10 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 23 September 2013 were cancelled.
Concentration (mg/L)
60.0
50.0
40.0
30.0
20.0
10.0
0.0
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
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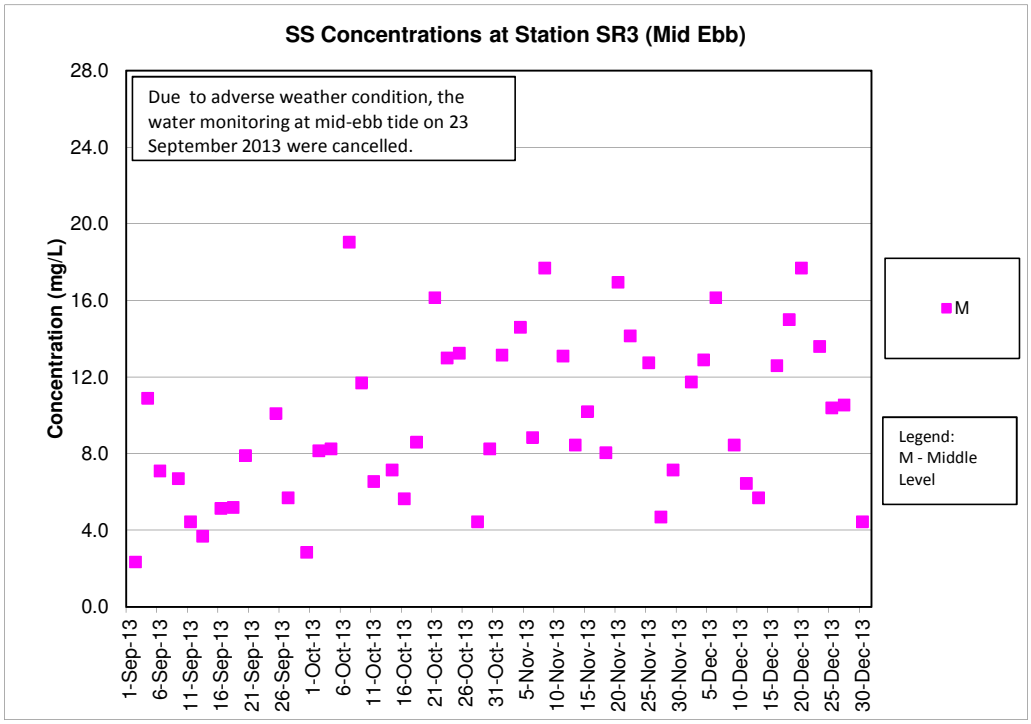
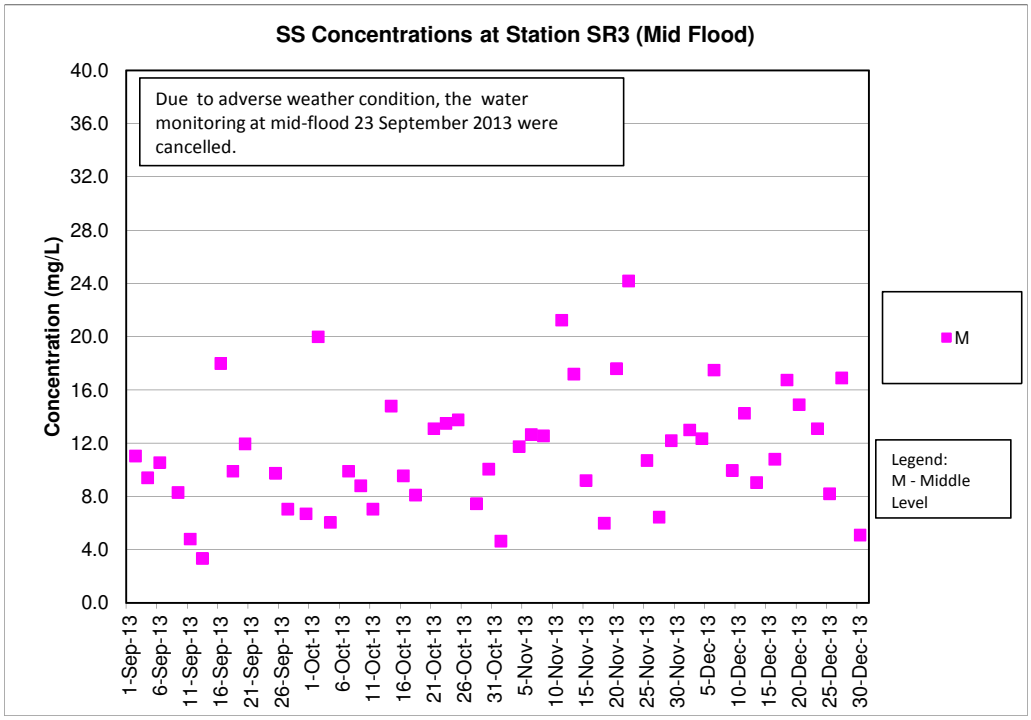
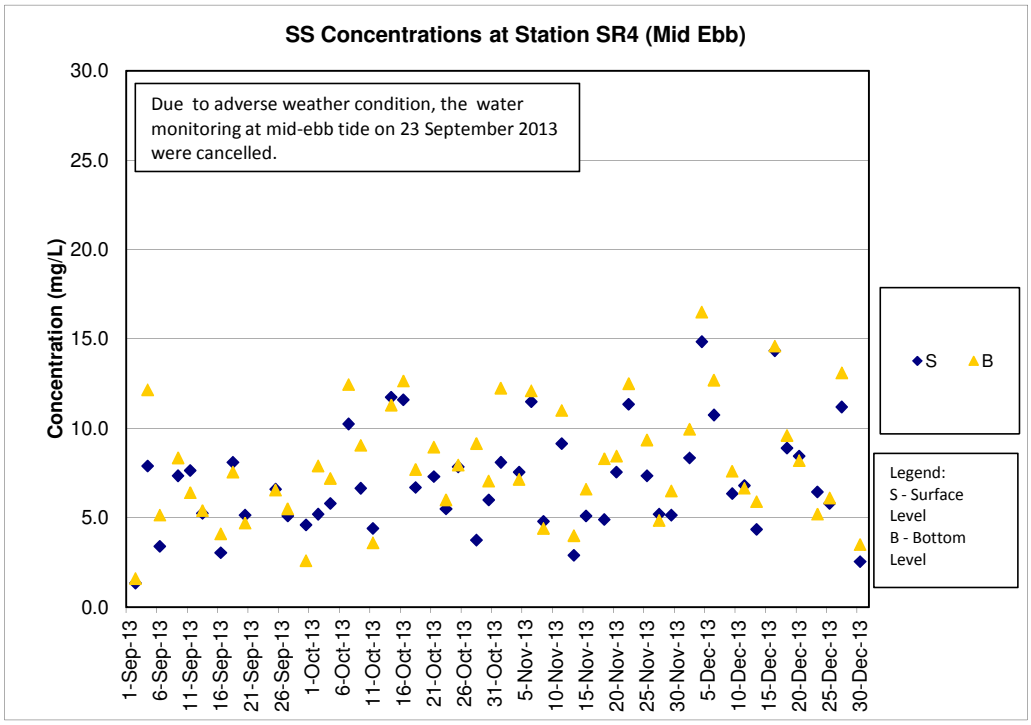
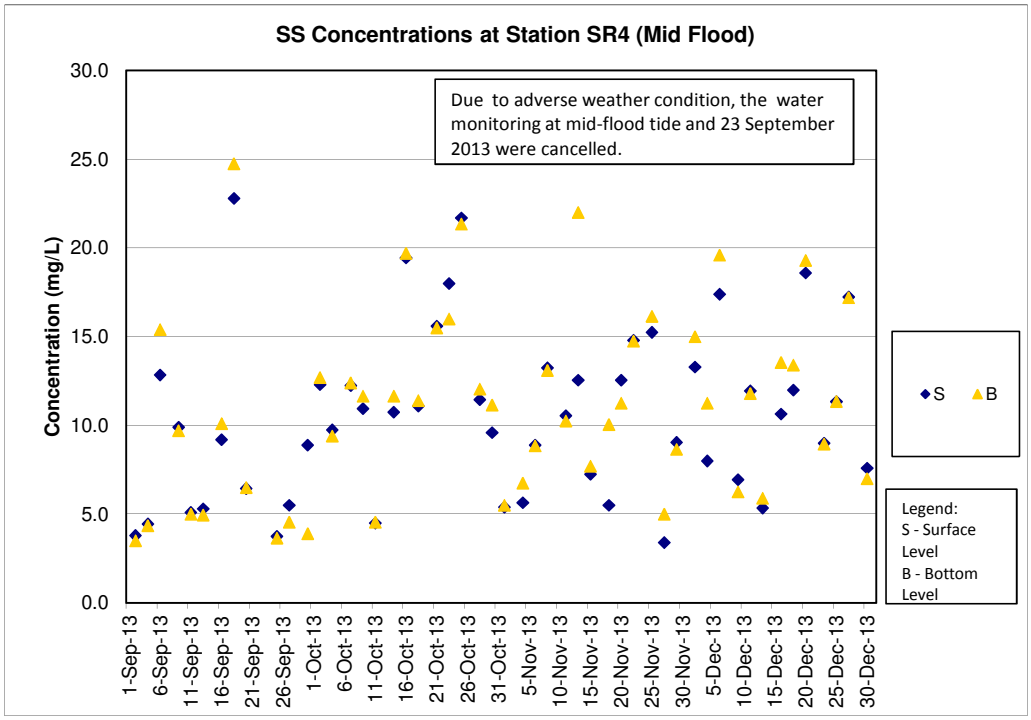
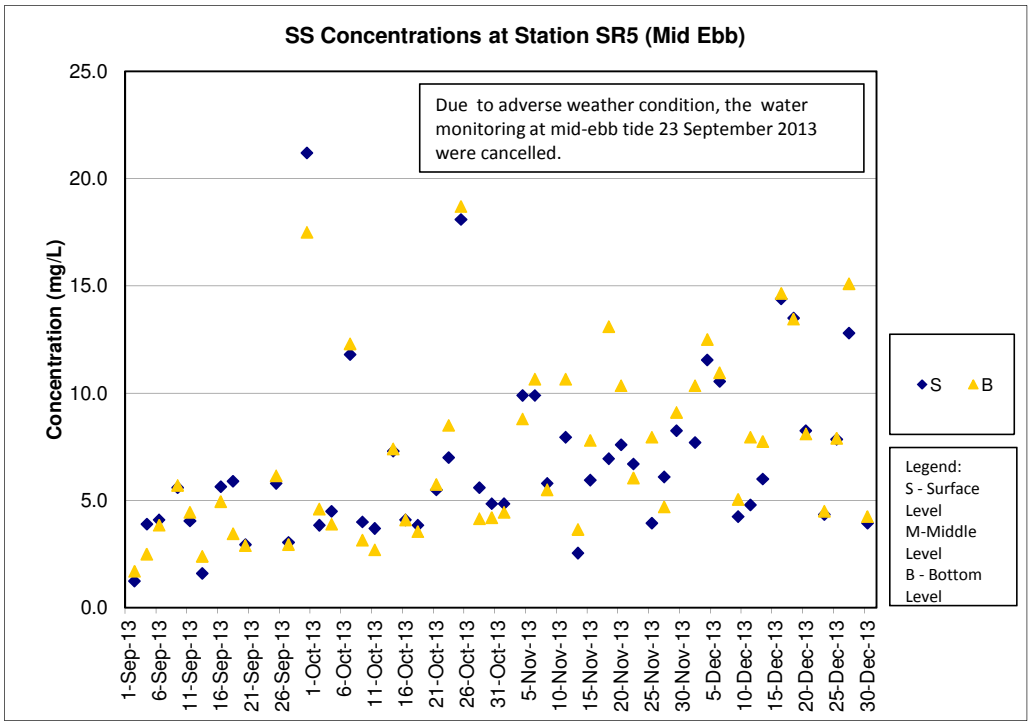
25-Dec-13
30-Dec-13

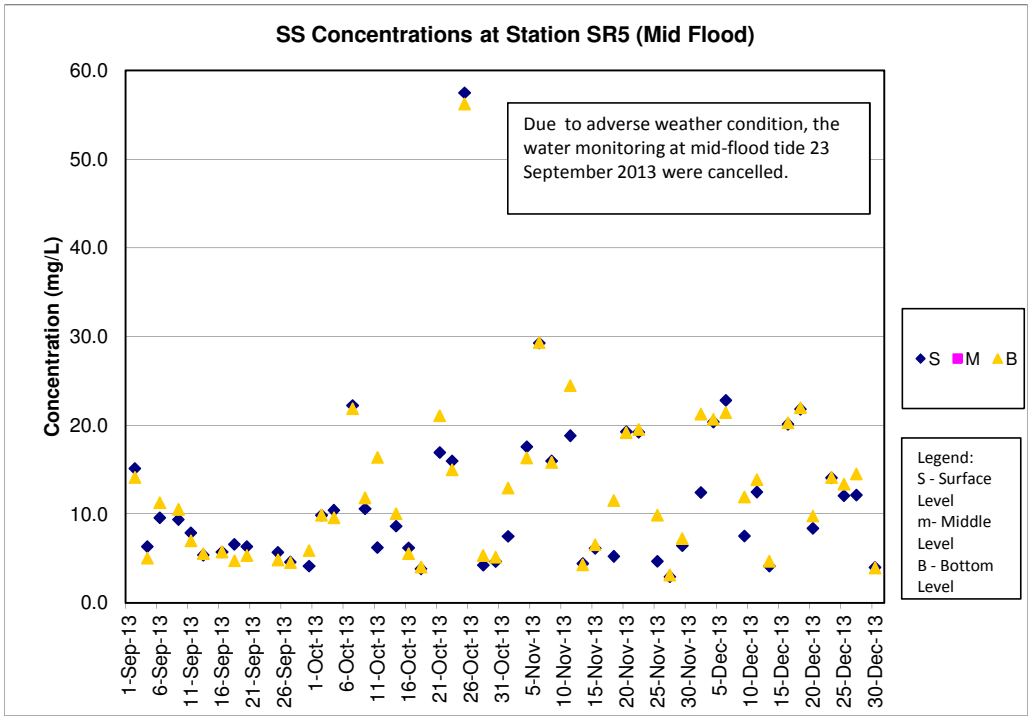

SS Concentrations at Station SR3 (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide on 23 September 2013 were cancelled.
Concentration (mg/L)
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
M
Legend:
M - Middle Level

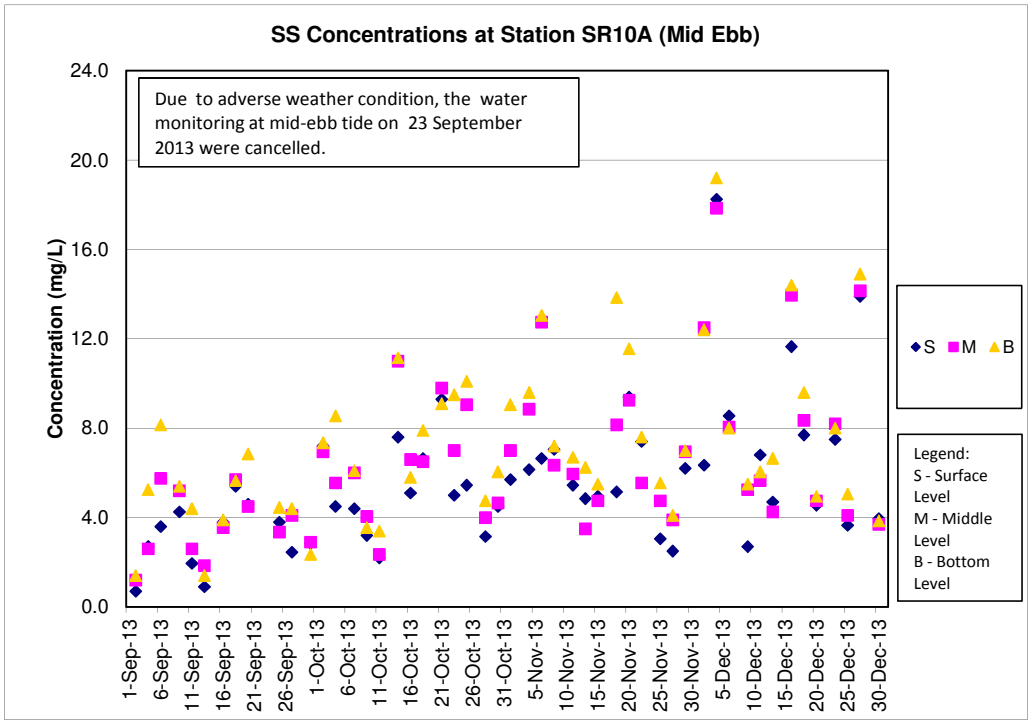

SS Concentrations at Station SR3 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood 23 September 2013 were cancelled.
Concentration (mg/L)
40.0
36.0
32.0
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
M
Legend:
M - Middle Level


SS Concentrations at Station SR4 (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide on 23 September 2013 were cancelled.
Concentration (mg/L)
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S
B
Legend:
S - Surface Level
B - Bottom Level


SS Concentrations at Station SR4 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide and 23 September 2013 were cancelled.
Concentration (mg/L)
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S
B
Legend:
S - Surface Level
B - Bottom Level


SS Concentrations at Station SR5 (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide 23 September 2013 were cancelled.
Concentration (mg/L)
25.0
20.0
15.0
10.0
5.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S
B
Legend:
S - Surface Level
M-Middle Level
B - Bottom Level


SS Concentrations at Station SR5 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide 23 September 2013 were cancelled.
Concentration (mg/L)
60.0
50.0
40.0
30.0
20.0
10.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S
M
B
Legend:
S - Surface Level
m- Middle Level
B - Bottom Level


SS Concentrations at Station SR10A (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide on 23 September 2013 were cancelled.
Concentration (mg/L)
24.0
20.0
16.0
12.0
8.0
4.0
0.0
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
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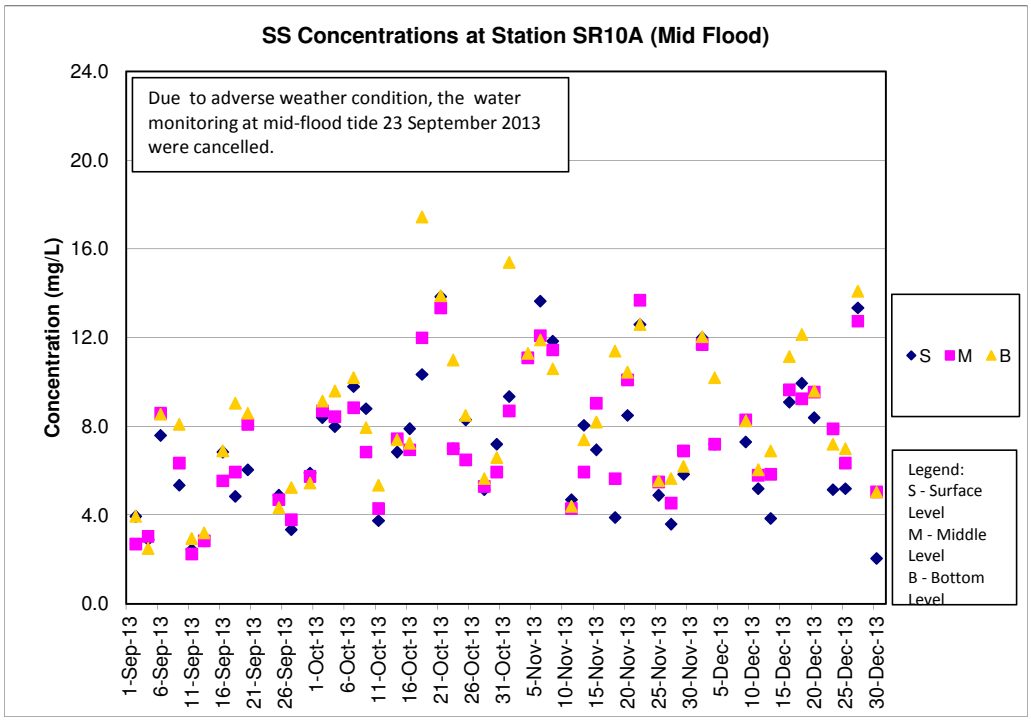
20-Dec-13
25-Dec-13
30-Dec-13


SS Concentrations at Station SR10A (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide 23 September 2013 were cancelled.
Concentration (mg/L)
24.0
20.0
16.0
12.0
8.0
4.0
0.0
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
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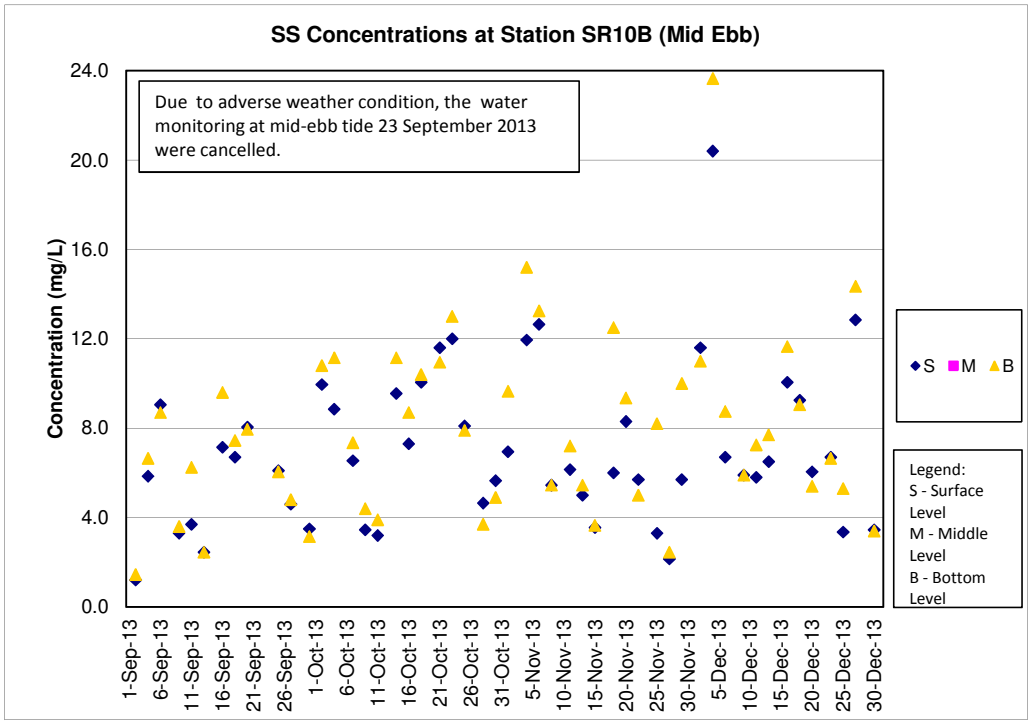
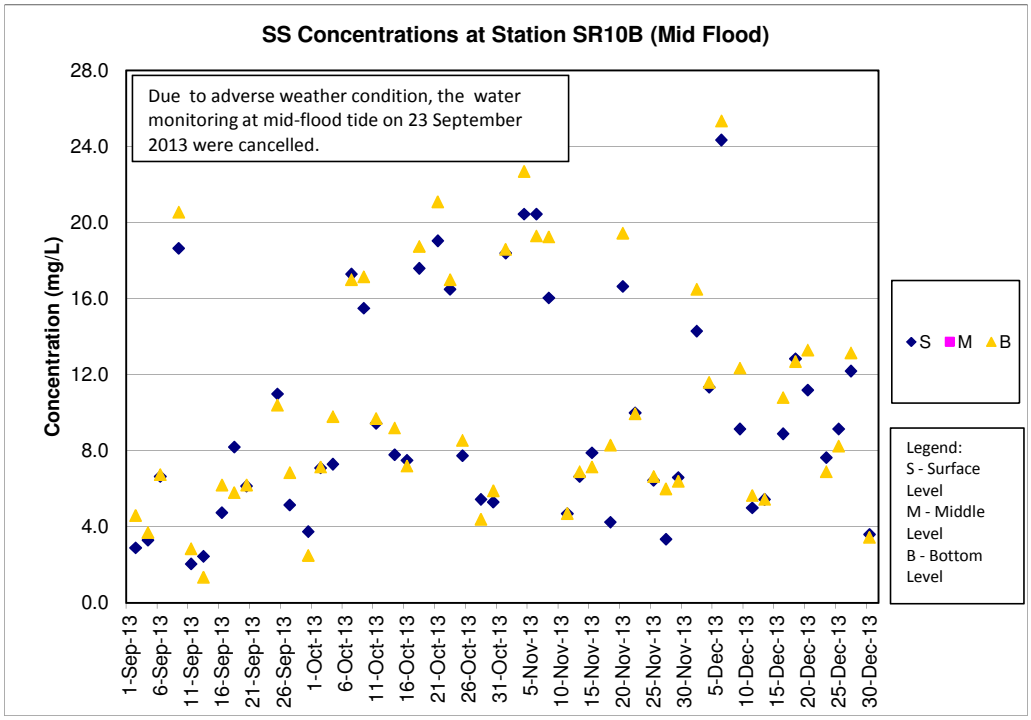
20-Dec-13
25-Dec-13
30-Dec-13


SS Concentrations at Station SR10B (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide 23 September 2013 were cancelled.
Concentration (mg/L)
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


SS Concentrations at Station SR10B (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 23 September 2013 were cancelled.
Concentration (mg/L)
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Sep-13
6-Sep-13
11-Sep-13
16-Sep-13
21-Sep-13
26-Sep-13
1-Oct-13
6-Oct-13
11-Oct-13
16-Oct-13
21-Oct-13
26-Oct-13
31-Oct-13
5-Nov-13
10-Nov-13
15-Nov-13
20-Nov-13
25-Nov-13
30-Nov-13
5-Dec-13
10-Dec-13
15-Dec-13
20-Dec-13
25-Dec-13
30-Dec-13
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	Time	Wind Speed (mph)	Wind Direction
01/12/2013	00:05	0	---
01/12/2013	00:10	0	---
01/12/2013	00:15	0	---
01/12/2013	00:20	0	---
01/12/2013	00:25	0	---
01/12/2013	00:30	0	---
01/12/2013	00:35	0	---
01/12/2013	00:40	0	---
01/12/2013	00:45	0	---
01/12/2013	00:50	0	---
01/12/2013	00:55	0	---
01/12/2013	01:00	0	---
01/12/2013	01:05	0	---
01/12/2013	01:10	0	---
01/12/2013	01:15	0	---
01/12/2013	01:20	0	---
01/12/2013	01:25	0	---
01/12/2013	01:30	0	---
01/12/2013	01:35	0	---
01/12/2013	01:40	0	---
01/12/2013	01:45	0	---
01/12/2013	01:50	0	---
01/12/2013	01:55	0	---
01/12/2013	02:00	0	---
01/12/2013	02:05	0	---
01/12/2013	02:10	0	---
01/12/2013	02:15	0	---
01/12/2013	02:20	0	---
01/12/2013	02:25	0	---
01/12/2013	02:30	0	---
01/12/2013	02:35	0	---
01/12/2013	02:40	0	---
01/12/2013	02:45	0	---
01/12/2013	02:50	0	---
01/12/2013	02:55	0	---
01/12/2013	03:00	0	---
01/12/2013	03:05	0	---
01/12/2013	03:10	0	---
01/12/2013	03:15	0	---
01/12/2013	03:20	0	---
01/12/2013	03:25	0	---
01/12/2013	03:30	0	---
01/12/2013	03:35	0	---
01/12/2013	03:40	0	---
01/12/2013	03:45	0	---
01/12/2013	03:50	0	---
01/12/2013	03:55	0	---
01/12/2013	04:00	0	---
01/12/2013	04:05	0	---
01/12/2013	04:10	0	---
01/12/2013	04:15	0	---
01/12/2013	04:20	0	---
01/12/2013	04:25	0	---
01/12/2013	04:30	0	---
01/12/2013	04:35	0	---
01/12/2013	09:15	0	---
01/12/2013	04:40	0	---
01/12/2013	04:45	0	---
01/12/2013	04:50	0	---
01/12/2013	04:55	0	---
01/12/2013	05:00	0	---
01/12/2013	05:05	0	---
01/12/2013	05:10	0	---
01/12/2013	05:15	0	---
01/12/2013	05:20	0	---
01/12/2013	05:25	0	---
01/12/2013	05:30	0	---
01/12/2013	05:35	0	---
01/12/2013	05:40	0	---
01/12/2013	05:45	0	---
01/12/2013	05:50	0	---
01/12/2013	05:55	0	---
01/12/2013	06:00	0	---
01/12/2013	06:05	0	---
01/12/2013	06:10	0	---
01/12/2013	06:15	0	---
01/12/2013	06:20	0	---
01/12/2013	06:25	0	S
01/12/2013	06:30	2	SSW
01/12/2013	06:35	1	SSW
01/12/2013	06:40	0	SSW
01/12/2013	06:45	0	WSW
01/12/2013	06:50	0	---
01/12/2013	06:55	0	---
01/12/2013	07:00	0	---
01/12/2013	07:05	0	---
01/12/2013	07:10	0	---
01/12/2013	07:15	0	---
01/12/2013	07:20	0	---
01/12/2013	07:25	0	---
01/12/2013	07:30	0	---
01/12/2013	07:35	0	---
01/12/2013	07:40	0	---
01/12/2013	07:45	0	---
01/12/2013	07:50	0	---
01/12/2013	07:55	1	W
01/12/2013	08:00	0	W
01/12/2013	08:05	0	W
01/12/2013	08:10	0	---
01/12/2013	08:15	0	---
01/12/2013	08:20	0	---
01/12/2013	08:25	0	---
01/12/2013	08:30	0	---
01/12/2013	08:35	0	---
01/12/2013	08:40	0	---
01/12/2013	08:45	0	---
01/12/2013	08:50	0	---
01/12/2013	08:55	0	---
01/12/2013	09:00	0	---
01/12/2013	09:05	0	---
01/12/2013	09:10	0	---
01/12/2013	13:50	4	NNE

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
01/12/2013	09:20	0	---
01/12/2013	09:25	0	---
01/12/2013	09:30	0	---
01/12/2013	09:35	0	---
01/12/2013	09:40	0	---
01/12/2013	09:45	0	---
01/12/2013	09:50	0	---
01/12/2013	09:55	0	---
01/12/2013	10:00	0	---
01/12/2013	10:05	0	---
01/12/2013	10:10	0	---
01/12/2013	10:15	0	---
01/12/2013	10:20	0	---
01/12/2013	10:25	1	E
01/12/2013	10:30	2	E
01/12/2013	10:35	2	SE
01/12/2013	10:40	1	ESE
01/12/2013	10:45	3	E
01/12/2013	10:50	2	E
01/12/2013	10:55	2	E
01/12/2013	11:00	2	E
01/12/2013	11:05	1	ENE
01/12/2013	11:10	2	ENE
01/12/2013	11:15	1	ENE
01/12/2013	11:20	1	ENE
01/12/2013	11:25	0	ENE
01/12/2013	11:30	0	ENE
01/12/2013	11:35	0	ENE
01/12/2013	11:40	0	---
01/12/2013	11:45	0	---
01/12/2013	11:50	0	ENE
01/12/2013	11:55	2	ENE
01/12/2013	12:00	2	ENE
01/12/2013	12:05	2	ESE
01/12/2013	12:10	2	E
01/12/2013	12:15	3	E
01/12/2013	12:20	2	E
01/12/2013	12:25	2	ESE
01/12/2013	12:30	2	E
01/12/2013	12:35	2	E
01/12/2013	12:40	2	E
01/12/2013	12:45	2	E
01/12/2013	12:50	2	E
01/12/2013	12:55	1	E
01/12/2013	13:00	3	E
01/12/2013	13:05	2	E
01/12/2013	13:10	1	E
01/12/2013	13:15	1	ENE
01/12/2013	13:20	2	ENE
01/12/2013	13:25	2	E
01/12/2013	13:30	2	E
01/12/2013	13:35	2	E
01/12/2013	13:40	4	NE
01/12/2013	13:45	5	N
01/12/2013	18:25	1	WSW
01/12/2013	18:30	0	WSW

Date	Time	Wind Speed (mph)	Wind Direction
01/12/2013	13:55	5	N
01/12/2013	14:00	5	N
01/12/2013	14:05	4	N
01/12/2013	14:10	5	N
01/12/2013	14:15	5	N
01/12/2013	14:20	4	N
01/12/2013	14:25	5	N
01/12/2013	14:30	5	N
01/12/2013	14:35	5	NNW
01/12/2013	14:40	5	N
01/12/2013	14:45	6	N
01/12/2013	14:50	6	N
01/12/2013	14:55	5	N
01/12/2013	15:00	4	N
01/12/2013	15:05	5	N
01/12/2013	15:10	6	N
01/12/2013	15:15	4	N
01/12/2013	15:20	5	NNW
01/12/2013	15:25	4	NNW
01/12/2013	15:30	5	NNW
01/12/2013	15:35	5	NW
01/12/2013	15:40	4	NW
01/12/2013	15:45	5	NW
01/12/2013	15:50	4	NW
01/12/2013	15:55	5	NW
01/12/2013	16:00	4	WNW
01/12/2013	16:05	5	NW
01/12/2013	16:10	4	NW
01/12/2013	16:15	5	NW
01/12/2013	16:20	5	NW
01/12/2013	16:25	4	NNW
01/12/2013	16:30	5	NW
01/12/2013	16:35	3	NW
01/12/2013	16:40	4	NNW
01/12/2013	16:45	3	NW
01/12/2013	16:50	4	NNW
01/12/2013	16:55	3	WNW
01/12/2013	17:00	3	NW
01/12/2013	17:05	2	NW
01/12/2013	17:10	2	NNW
01/12/2013	17:15	2	NW
01/12/2013	17:20	3	NW
01/12/2013	17:25	1	WNW
01/12/2013	17:30	0	NW
01/12/2013	17:35	2	WNW
01/12/2013	17:40	0	NW
01/12/2013	17:45	1	SSW
01/12/2013	17:50	1	SSW
01/12/2013	17:55	1	SSW
01/12/2013	18:00	2	WSW
01/12/2013	18:05	2	WSW
01/12/2013	18:10	2	WSW
01/12/2013	18:15	0	W
01/12/2013	18:20	0	---
01/12/2013	23:00	0	---
01/12/2013	23:05	0	---

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
01/12/2013	18:35	0	---
01/12/2013	18:40	0	---
01/12/2013	18:45	0	SSW
01/12/2013	18:50	0	SSW
01/12/2013	18:55	0	---
01/12/2013	19:00	0	---
01/12/2013	19:05	0	---
01/12/2013	19:10	0	---
01/12/2013	19:15	0	---
01/12/2013	19:20	0	---
01/12/2013	19:25	0	---
01/12/2013	19:30	0	---
01/12/2013	19:35	0	---
01/12/2013	19:40	0	---
01/12/2013	19:45	0	---
01/12/2013	19:50	0	---
01/12/2013	19:55	0	---
01/12/2013	20:00	0	---
01/12/2013	20:05	0	---
01/12/2013	20:10	0	---
01/12/2013	20:15	0	---
01/12/2013	20:20	0	---
01/12/2013	20:25	0	---
01/12/2013	20:30	0	---
01/12/2013	20:35	0	---
01/12/2013	20:40	0	---
01/12/2013	20:45	0	---
01/12/2013	20:50	0	---
01/12/2013	20:55	0	---
01/12/2013	21:00	0	---
01/12/2013	21:05	0	---
01/12/2013	21:10	0	---
01/12/2013	21:15	0	---
01/12/2013	21:20	0	---
01/12/2013	21:25	0	---
01/12/2013	21:30	0	---
01/12/2013	21:35	0	---
01/12/2013	21:40	0	---
01/12/2013	21:45	0	---
01/12/2013	21:50	0	---
01/12/2013	21:55	0	---
01/12/2013	22:00	0	---
01/12/2013	22:05	0	---
01/12/2013	22:10	0	---
01/12/2013	22:15	0	---
01/12/2013	22:20	0	---
01/12/2013	22:25	0	---
01/12/2013	22:30	0	---
01/12/2013	22:35	0	---
01/12/2013	22:40	0	---
01/12/2013	22:45	0	---
01/12/2013	22:50	0	---
01/12/2013	22:55	0	---
02/12/2013	03:35	0	---
02/12/2013	03:40	0	---
02/12/2013	03:45	0	---

Date	Time	Wind Speed (mph)	Wind Direction
01/12/2013	23:10	0	---
01/12/2013	23:15	0	---
01/12/2013	23:20	0	---
01/12/2013	23:25	0	---
01/12/2013	23:30	0	---
01/12/2013	23:35	0	---
01/12/2013	23:40	0	---
01/12/2013	23:45	0	---
01/12/2013	23:50	0	---
01/12/2013	23:55	0	---
02/12/2013	00:00	0	---
02/12/2013	00:05	0	---
02/12/2013	00:10	0	---
02/12/2013	00:15	0	---
02/12/2013	00:20	0	---
02/12/2013	00:25	0	---
02/12/2013	00:30	0	---
02/12/2013	00:35	0	---
02/12/2013	00:40	0	---
02/12/2013	00:45	0	---
02/12/2013	00:50	0	---
02/12/2013	00:55	0	---
02/12/2013	01:00	0	---
02/12/2013	01:05	0	---
02/12/2013	01:10	0	---
02/12/2013	01:15	0	---
02/12/2013	01:20	0	---
02/12/2013	01:25	0	---
02/12/2013	01:30	0	---
02/12/2013	01:35	0	---
02/12/2013	01:40	0	---
02/12/2013	01:45	0	---
02/12/2013	01:50	0	---
02/12/2013	01:55	0	---
02/12/2013	02:00	0	---
02/12/2013	02:05	0	---
02/12/2013	02:10	0	---
02/12/2013	02:15	0	---
02/12/2013	02:20	0	---
02/12/2013	02:25	0	---
02/12/2013	02:30	0	---
02/12/2013	02:35	0	---
02/12/2013	02:40	0	---
02/12/2013	02:45	0	---
02/12/2013	02:50	0	---
02/12/2013	02:55	0	---
02/12/2013	03:00	0	---
02/12/2013	03:05	0	---
02/12/2013	03:10	0	---
02/12/2013	03:15	0	---
02/12/2013	03:20	0	---
02/12/2013	03:25	0	---
02/12/2013	03:30	0	---
02/12/2013	08:10	0	---
02/12/2013	08:15	0	---
02/12/2013	08:20	0	---

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
02/12/2013	03:50	0	---
02/12/2013	03:55	0	---
02/12/2013	04:00	0	---
02/12/2013	04:05	0	---
02/12/2013	04:10	0	---
02/12/2013	04:15	0	---
02/12/2013	04:20	0	---
02/12/2013	04:25	0	---
02/12/2013	04:30	0	---
02/12/2013	04:35	0	---
02/12/2013	04:40	0	---
02/12/2013	04:45	0	---
02/12/2013	04:50	0	---
02/12/2013	04:55	0	---
02/12/2013	05:00	0	---
02/12/2013	05:05	0	---
02/12/2013	05:10	0	---
02/12/2013	05:15	0	---
02/12/2013	05:20	0	---
02/12/2013	05:25	0	---
02/12/2013	05:30	0	---
02/12/2013	05:35	0	---
02/12/2013	05:40	0	---
02/12/2013	05:45	0	---
02/12/2013	05:50	0	---
02/12/2013	05:55	0	---
02/12/2013	06:00	0	---
02/12/2013	06:05	0	---
02/12/2013	06:10	0	---
02/12/2013	06:15	0	---
02/12/2013	06:20	0	---
02/12/2013	06:25	0	---
02/12/2013	06:30	0	---
02/12/2013	06:35	0	---
02/12/2013	06:40	0	---
02/12/2013	06:45	0	---
02/12/2013	06:50	0	---
02/12/2013	06:55	0	---
02/12/2013	07:00	0	---
02/12/2013	07:05	0	---
02/12/2013	07:10	0	---
02/12/2013	07:15	0	---
02/12/2013	07:20	0	---
02/12/2013	07:25	0	---
02/12/2013	07:30	0	---
02/12/2013	07:35	0	---
02/12/2013	07:40	0	---
02/12/2013	07:45	0	---
02/12/2013	07:50	0	---
02/12/2013	07:55	0	---
02/12/2013	08:00	0	---
02/12/2013	08:05	0	---
02/12/2013	12:45	1	E
02/12/2013	12:50	0	---
02/12/2013	12:55	0	---
02/12/2013	13:00	2	NNE
02/12/2013	08:25	0	---
02/12/2013	08:30	0	---
02/12/2013	08:35	0	---
02/12/2013	08:40	0	---
02/12/2013	08:45	0	---
02/12/2013	08:50	0	---
02/12/2013	08:55	0	---
02/12/2013	09:00	0	---
02/12/2013	09:05	0	---
02/12/2013	09:10	0	---
02/12/2013	09:15	0	---
02/12/2013	09:20	0	---
02/12/2013	09:25	0	---
02/12/2013	09:30	0	---
02/12/2013	09:35	0	---
02/12/2013	09:40	0	---
02/12/2013	09:45	0	---
02/12/2013	09:50	0	---
02/12/2013	09:55	0	---
02/12/2013	10:00	0	---
02/12/2013	10:05	0	---
02/12/2013	10:10	0	---
02/12/2013	10:15	0	---
02/12/2013	10:20	0	---
02/12/2013	10:25	0	---
02/12/2013	10:30	0	---
02/12/2013	10:35	1	ENE
02/12/2013	10:40	1	ENE
02/12/2013	10:45	1	ENE
02/12/2013	10:50	2	SE
02/12/2013	10:55	2	E
02/12/2013	11:00	3	E
02/12/2013	11:05	2	E
02/12/2013	11:10	2	E
02/12/2013	11:15	2	E
02/12/2013	11:20	2	E
02/12/2013	11:25	1	ENE
02/12/2013	11:30	2	ENE
02/12/2013	11:35	2	E
02/12/2013	11:40	2	E
02/12/2013	11:45	2	E
02/12/2013	11:50	3	E
02/12/2013	11:55	2	E
02/12/2013	12:00	2	E
02/12/2013	12:05	2	E
02/12/2013	12:10	2	ESE
02/12/2013	12:15	1	E
02/12/2013	12:20	2	E
02/12/2013	12:25	1	E
02/12/2013	12:30	1	ENE
02/12/2013	12:35	2	E
02/12/2013	12:40	1	E
02/12/2013	17:20	1	SSW
02/12/2013	17:25	0	SW
02/12/2013	17:30	0	---
02/12/2013	17:35	0	---

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
02/12/2013	13:05	3	NE
02/12/2013	13:10	3	N
02/12/2013	13:15	3	NNW
02/12/2013	13:20	1	NNE
02/12/2013	13:25	1	N
02/12/2013	13:30	2	ENE
02/12/2013	13:35	3	ENE
02/12/2013	13:40	2	NE
02/12/2013	13:45	3	ENE
02/12/2013	13:50	4	NE
02/12/2013	13:55	3	ENE
02/12/2013	14:00	3	ENE
02/12/2013	14:05	4	NE
02/12/2013	14:10	3	NE
02/12/2013	14:15	3	NNE
02/12/2013	14:20	3	N
02/12/2013	14:25	4	NNE
02/12/2013	14:30	5	N
02/12/2013	14:35	3	N
02/12/2013	14:40	3	NNE
02/12/2013	14:45	2	N
02/12/2013	14:50	2	NNW
02/12/2013	14:55	4	N
02/12/2013	15:00	5	N
02/12/2013	15:05	5	N
02/12/2013	15:10	3	NNE
02/12/2013	15:15	3	NW
02/12/2013	15:20	4	NW
02/12/2013	15:25	3	NNW
02/12/2013	15:30	2	NW
02/12/2013	15:35	3	NW
02/12/2013	15:40	3	NW
02/12/2013	15:45	4	NW
02/12/2013	15:50	3	NW
02/12/2013	15:55	2	WNW
02/12/2013	16:00	3	NW
02/12/2013	16:05	1	NW
02/12/2013	16:10	2	NNW
02/12/2013	16:15	0	NW
02/12/2013	16:20	4	NW
02/12/2013	16:25	3	NNW
02/12/2013	16:30	2	WNW
02/12/2013	16:35	2	NW
02/12/2013	16:40	3	NW
02/12/2013	16:45	3	NNW
02/12/2013	16:50	1	WNW
02/12/2013	16:55	1	WNW
02/12/2013	17:00	1	NW
02/12/2013	17:05	1	NNW
02/12/2013	17:10	1	WNW
02/12/2013	17:15	1	WNW
02/12/2013	21:55	2	SE
02/12/2013	22:00	1	SSE
02/12/2013	22:05	1	SSE
02/12/2013	22:10	1	SSE
02/12/2013	22:15	0	SSE

Date	Time	Wind Speed (mph)	Wind Direction
02/12/2013	17:40	1	SSW
02/12/2013	17:45	0	SSW
02/12/2013	17:50	0	---
02/12/2013	17:55	0	---
02/12/2013	18:00	0	---
02/12/2013	18:05	0	---
02/12/2013	18:10	0	---
02/12/2013	18:15	0	---
02/12/2013	18:20	0	SSW
02/12/2013	18:25	0	---
02/12/2013	18:30	0	---
02/12/2013	18:35	0	---
02/12/2013	18:40	0	---
02/12/2013	18:45	0	---
02/12/2013	18:50	1	S
02/12/2013	18:55	0	S
02/12/2013	19:00	1	S
02/12/2013	19:05	0	WNW
02/12/2013	19:10	0	S
02/12/2013	19:15	1	S
02/12/2013	19:20	1	WNW
02/12/2013	19:25	1	SSW
02/12/2013	19:30	3	SSE
02/12/2013	19:35	4	S
02/12/2013	19:40	3	S
02/12/2013	19:45	3	SSE
02/12/2013	19:50	3	S
02/12/2013	19:55	2	SE
02/12/2013	20:00	2	ESE
02/12/2013	20:05	2	SE
02/12/2013	20:10	2	SSE
02/12/2013	20:15	1	SSE
02/12/2013	20:20	2	SSE
02/12/2013	20:25	2	SSE
02/12/2013	20:30	1	SE
02/12/2013	20:35	1	SSE
02/12/2013	20:40	2	SE
02/12/2013	20:45	2	SSE
02/12/2013	20:50	3	ESE
02/12/2013	20:55	3	ESE
02/12/2013	21:00	3	SE
02/12/2013	21:05	4	SE
02/12/2013	21:10	3	SE
02/12/2013	21:15	2	SE
02/12/2013	21:20	2	SE
02/12/2013	21:25	1	S
02/12/2013	21:30	2	SSE
02/12/2013	21:35	2	SSE
02/12/2013	21:40	1	SSE
02/12/2013	21:45	1	S
02/12/2013	21:50	1	SSE
03/12/2013	02:30	0	NW
03/12/2013	02:35	1	NW
03/12/2013	02:40	0	NW
03/12/2013	02:45	0	NW
03/12/2013	02:50	0	---

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
02/12/2013	22:20	0	SSE
02/12/2013	22:25	0	SE
02/12/2013	22:30	1	SE
02/12/2013	22:35	1	SSE
02/12/2013	22:40	0	WSW
02/12/2013	22:45	0	---
02/12/2013	22:50	0	---
02/12/2013	22:55	0	---
02/12/2013	23:00	0	WNW
02/12/2013	23:05	3	NW
02/12/2013	23:10	1	NW
02/12/2013	23:15	1	NW
02/12/2013	23:20	1	NW
02/12/2013	23:25	0	NW
02/12/2013	23:30	1	NW
02/12/2013	23:35	0	---
02/12/2013	23:40	0	---
02/12/2013	23:45	0	---
02/12/2013	23:50	0	N
02/12/2013	23:55	0	---
03/12/2013	00:00	0	---
03/12/2013	00:05	0	NNE
03/12/2013	00:10	2	N
03/12/2013	00:15	1	N
03/12/2013	00:20	2	W
03/12/2013	00:25	1	SSE
03/12/2013	00:30	2	SE
03/12/2013	00:35	4	SE
03/12/2013	00:40	3	SSE
03/12/2013	00:45	3	SSE
03/12/2013	00:50	3	S
03/12/2013	00:55	3	SSE
03/12/2013	01:00	4	SE
03/12/2013	01:05	2	SSE
03/12/2013	01:10	2	SSE
03/12/2013	01:15	2	SSE
03/12/2013	01:20	2	ESE
03/12/2013	01:25	1	SE
03/12/2013	01:30	1	SSE
03/12/2013	01:35	1	E
03/12/2013	01:40	2	SE
03/12/2013	01:45	1	ESE
03/12/2013	01:50	0	---
03/12/2013	01:55	0	---
03/12/2013	02:00	0	---
03/12/2013	02:05	0	---
03/12/2013	02:10	1	NNW
03/12/2013	02:15	2	NNW
03/12/2013	02:20	1	NW
03/12/2013	02:25	0	---
03/12/2013	07:05	2	SSE
03/12/2013	07:10	1	SE
03/12/2013	07:15	1	SE
03/12/2013	07:20	4	SE
03/12/2013	07:25	3	SSE
03/12/2013	07:30	2	SSE

Date	Time	Wind Speed (mph)	Wind Direction
03/12/2013	02:55	0	NW
03/12/2013	03:00	0	SSE
03/12/2013	03:05	1	ESE
03/12/2013	03:10	2	SE
03/12/2013	03:15	2	SSE
03/12/2013	03:20	0	SSE
03/12/2013	03:25	1	ESE
03/12/2013	03:30	0	S
03/12/2013	03:35	1	ESE
03/12/2013	03:40	1	S
03/12/2013	03:45	0	S
03/12/2013	03:50	2	SSE
03/12/2013	03:55	1	SSE
03/12/2013	04:00	1	SSE
03/12/2013	04:05	1	SE
03/12/2013	04:10	0	---
03/12/2013	04:15	0	---
03/12/2013	04:20	1	SSE
03/12/2013	04:25	1	SSE
03/12/2013	04:30	1	SE
03/12/2013	04:35	1	SSE
03/12/2013	04:40	0	SE
03/12/2013	04:45	0	---
03/12/2013	04:50	0	ESE
03/12/2013	04:55	0	ESE
03/12/2013	05:00	1	ESE
03/12/2013	05:05	0	SE
03/12/2013	05:10	0	SE
03/12/2013	05:15	1	S
03/12/2013	05:20	2	SSE
03/12/2013	05:25	2	ESE
03/12/2013	05:30	2	SSE
03/12/2013	05:35	2	SE
03/12/2013	05:40	1	ESE
03/12/2013	05:45	2	SSE
03/12/2013	05:50	4	SE
03/12/2013	05:55	2	SE
03/12/2013	06:00	3	SSE
03/12/2013	06:05	4	SE
03/12/2013	06:10	4	SE
03/12/2013	06:15	4	SE
03/12/2013	06:20	2	S
03/12/2013	06:25	2	SSE
03/12/2013	06:30	3	SSE
03/12/2013	06:35	3	SE
03/12/2013	06:40	3	SE
03/12/2013	06:45	1	SE
03/12/2013	06:50	3	SSE
03/12/2013	06:55	1	SSE
03/12/2013	07:00	1	ESE
03/12/2013	11:40	2	E
03/12/2013	11:45	3	ENE
03/12/2013	11:50	2	ENE
03/12/2013	11:55	3	E
03/12/2013	12:00	3	ENE
03/12/2013	12:05	2	ENE

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
03/12/2013	07:35	1	ESE
03/12/2013	07:40	0	ESE
03/12/2013	07:45	2	ESE
03/12/2013	07:50	1	SE
03/12/2013	07:55	4	ESE
03/12/2013	08:00	4	SE
03/12/2013	08:05	5	SE
03/12/2013	08:10	6	SE
03/12/2013	08:15	5	ESE
03/12/2013	08:20	5	ESE
03/12/2013	08:25	5	SE
03/12/2013	08:30	4	SE
03/12/2013	08:35	5	ESE
03/12/2013	08:40	6	ESE
03/12/2013	08:45	5	ESE
03/12/2013	08:50	4	SE
03/12/2013	08:55	4	ESE
03/12/2013	09:00	5	SE
03/12/2013	09:05	4	ESE
03/12/2013	09:10	4	ESE
03/12/2013	09:15	5	SE
03/12/2013	09:20	5	ESE
03/12/2013	09:25	4	SE
03/12/2013	09:30	4	SE
03/12/2013	09:35	3	ESE
03/12/2013	09:40	3	ESE
03/12/2013	09:45	4	E
03/12/2013	09:50	4	E
03/12/2013	09:55	3	ESE
03/12/2013	10:00	5	E
03/12/2013	10:05	4	E
03/12/2013	10:10	4	E
03/12/2013	10:15	5	E
03/12/2013	10:20	5	E
03/12/2013	10:25	5	E
03/12/2013	10:30	4	E
03/12/2013	10:35	5	E
03/12/2013	10:40	5	E
03/12/2013	10:45	4	E
03/12/2013	10:50	3	E
03/12/2013	10:55	3	ENE
03/12/2013	11:00	4	E
03/12/2013	11:05	4	ENE
03/12/2013	11:10	3	ENE
03/12/2013	11:15	3	E
03/12/2013	11:20	2	ENE
03/12/2013	11:25	3	ENE
03/12/2013	11:30	2	ENE
03/12/2013	11:35	3	E
03/12/2013	16:15	3	NNW
03/12/2013	16:20	4	N
03/12/2013	16:25	3	N
03/12/2013	16:30	3	N
03/12/2013	16:35	3	N
03/12/2013	16:40	4	NNW
03/12/2013	16:45	5	NNW

Date	Time	Wind Speed (mph)	Wind Direction
03/12/2013	12:10	2	ENE
03/12/2013	12:15	2	ENE
03/12/2013	12:20	2	ENE
03/12/2013	12:25	3	E
03/12/2013	12:30	2	ENE
03/12/2013	12:35	2	ENE
03/12/2013	12:40	2	ENE
03/12/2013	12:45	2	ENE
03/12/2013	12:50	3	E
03/12/2013	12:55	3	E
03/12/2013	13:00	4	E
03/12/2013	13:05	3	E
03/12/2013	13:10	3	E
03/12/2013	13:15	3	E
03/12/2013	13:20	5	E
03/12/2013	13:25	4	E
03/12/2013	13:30	5	E
03/12/2013	13:35	5	E
03/12/2013	13:40	4	E
03/12/2013	13:45	4	E
03/12/2013	13:50	3	ENE
03/12/2013	13:55	2	ENE
03/12/2013	14:00	2	NE
03/12/2013	14:05	2	NE
03/12/2013	14:10	1	NE
03/12/2013	14:15	1	NNE
03/12/2013	14:20	0	NNE
03/12/2013	14:25	0	---
03/12/2013	14:30	1	NNE
03/12/2013	14:35	5	N
03/12/2013	14:40	4	N
03/12/2013	14:45	3	NNE
03/12/2013	14:50	2	NE
03/12/2013	14:55	4	N
03/12/2013	15:00	3	N
03/12/2013	15:05	1	N
03/12/2013	15:10	1	NE
03/12/2013	15:15	1	NE
03/12/2013	15:20	3	E
03/12/2013	15:25	3	SE
03/12/2013	15:30	2	N
03/12/2013	15:35	2	E
03/12/2013	15:40	3	E
03/12/2013	15:45	2	E
03/12/2013	15:50	2	E
03/12/2013	15:55	2	E
03/12/2013	16:00	3	E
03/12/2013	16:05	3	E
03/12/2013	16:10	2	NNE
03/12/2013	20:50	0	---
03/12/2013	20:55	0	---
03/12/2013	21:00	0	---
03/12/2013	21:05	0	---
03/12/2013	21:10	0	---
03/12/2013	21:15	0	---
03/12/2013	21:20	0	---

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
03/12/2013	16:50	5	NNW
03/12/2013	16:55	3	NNW
03/12/2013	17:00	2	NW
03/12/2013	17:05	1	NW
03/12/2013	17:10	2	NW
03/12/2013	17:15	1	NW
03/12/2013	17:20	1	NW
03/12/2013	17:25	0	---
03/12/2013	17:30	0	---
03/12/2013	17:35	0	WNW
03/12/2013	17:40	0	WNW
03/12/2013	17:45	0	---
03/12/2013	17:50	0	---
03/12/2013	17:55	1	NNW
03/12/2013	18:00	1	NNW
03/12/2013	18:05	0	---
03/12/2013	18:10	0	---
03/12/2013	18:15	0	---
03/12/2013	18:20	0	---
03/12/2013	18:25	0	---
03/12/2013	18:30	0	---
03/12/2013	18:35	0	---
03/12/2013	18:40	1	ESE
03/12/2013	18:45	2	W
03/12/2013	18:50	1	WNW
03/12/2013	18:55	0	WNW
03/12/2013	19:00	0	WNW
03/12/2013	19:05	0	---
03/12/2013	19:10	0	---
03/12/2013	19:15	0	---
03/12/2013	19:20	0	---
03/12/2013	19:25	0	---
03/12/2013	19:30	1	WNW
03/12/2013	19:35	0	SSW
03/12/2013	19:40	0	---
03/12/2013	19:45	0	---
03/12/2013	19:50	0	---
03/12/2013	19:55	1	W
03/12/2013	20:00	0	W
03/12/2013	20:05	0	W
03/12/2013	20:10	1	NW
03/12/2013	20:15	0	---
03/12/2013	20:20	0	W
03/12/2013	20:25	1	W
03/12/2013	20:30	0	W
03/12/2013	20:35	0	---
03/12/2013	20:40	0	---
03/12/2013	20:45	0	---
04/12/2013	01:25	0	---
04/12/2013	01:30	0	---
04/12/2013	01:35	0	---
04/12/2013	01:40	0	---
04/12/2013	01:45	0	---
04/12/2013	01:50	0	---
04/12/2013	01:55	0	---
04/12/2013	02:00	0	---

Date	Time	Wind Speed (mph)	Wind Direction
03/12/2013	21:25	0	---
03/12/2013	21:30	0	---
03/12/2013	21:35	0	---
03/12/2013	21:40	0	---
03/12/2013	21:45	0	---
03/12/2013	21:50	0	---
03/12/2013	21:55	0	---
03/12/2013	22:00	0	---
03/12/2013	22:05	0	---
03/12/2013	22:10	0	---
03/12/2013	22:15	0	---
03/12/2013	22:20	0	---
03/12/2013	22:25	0	---
03/12/2013	22:30	0	---
03/12/2013	22:35	0	---
03/12/2013	22:40	0	---
03/12/2013	22:45	0	---
03/12/2013	22:50	0	---
03/12/2013	22:55	0	---
03/12/2013	23:00	0	---
03/12/2013	23:05	0	---
03/12/2013	23:10	0	---
03/12/2013	23:15	0	---
03/12/2013	23:20	0	---
03/12/2013	23:25	0	---
03/12/2013	23:30	0	---
03/12/2013	23:35	0	---
03/12/2013	23:40	0	---
03/12/2013	23:45	0	---
03/12/2013	23:50	0	---
03/12/2013	23:55	0	---
04/12/2013	00:00	0	---
04/12/2013	00:05	0	---
04/12/2013	00:10	0	---
04/12/2013	00:15	0	---
04/12/2013	00:20	0	---
04/12/2013	00:25	0	---
04/12/2013	00:30	0	---
04/12/2013	00:35	0	---
04/12/2013	00:40	0	---
04/12/2013	00:45	0	---
04/12/2013	00:50	0	---
04/12/2013	00:55	0	---
04/12/2013	01:00	0	---
04/12/2013	01:05	0	---
04/12/2013	01:10	0	---
04/12/2013	01:15	0	---
04/12/2013	01:20	0	---
04/12/2013	06:00	0	---
04/12/2013	06:05	0	---
04/12/2013	06:10	0	---
04/12/2013	06:15	1	W
04/12/2013	06:20	2	W
04/12/2013	06:25	3	W
04/12/2013	06:30	2	WSW
04/12/2013	06:35	3	W

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
04/12/2013	02:05	0	---
04/12/2013	02:10	0	---
04/12/2013	02:15	0	---
04/12/2013	02:20	0	---
04/12/2013	02:25	0	---
04/12/2013	02:30	0	---
04/12/2013	02:35	0	---
04/12/2013	02:40	0	---
04/12/2013	02:45	0	---
04/12/2013	02:50	1	SSW
04/12/2013	02:55	1	SW
04/12/2013	03:00	0	---
04/12/2013	03:05	0	---
04/12/2013	03:10	0	---
04/12/2013	03:15	0	---
04/12/2013	03:20	0	---
04/12/2013	03:25	0	---
04/12/2013	03:30	0	---
04/12/2013	03:35	0	---
04/12/2013	03:40	0	---
04/12/2013	03:45	0	---
04/12/2013	03:50	0	---
04/12/2013	03:55	0	---
04/12/2013	04:00	0	---
04/12/2013	04:05	0	---
04/12/2013	04:10	0	---
04/12/2013	04:15	0	---
04/12/2013	04:20	0	---
04/12/2013	04:25	0	---
04/12/2013	04:30	0	---
04/12/2013	04:35	0	---
04/12/2013	04:40	0	---
04/12/2013	04:45	0	---
04/12/2013	04:50	0	---
04/12/2013	04:55	0	---
04/12/2013	05:00	0	---
04/12/2013	05:05	0	---
04/12/2013	05:10	0	---
04/12/2013	05:15	0	---
04/12/2013	05:20	0	---
04/12/2013	05:25	0	---
04/12/2013	05:30	0	---
04/12/2013	05:35	0	---
04/12/2013	05:40	0	---
04/12/2013	05:45	0	---
04/12/2013	05:50	0	---
04/12/2013	05:55	0	---
04/12/2013	10:35	4	NNE
04/12/2013	10:40	3	NNE
04/12/2013	10:45	3	NNW
04/12/2013	10:50	2	NNW
04/12/2013	10:55	2	NNW
04/12/2013	11:00	0	E
04/12/2013	11:05	0	---
04/12/2013	11:10	0	NNE
04/12/2013	11:15	2	ENE

Date	Time	Wind Speed (mph)	Wind Direction
04/12/2013	06:40	3	W
04/12/2013	06:45	3	W
04/12/2013	06:50	4	W
04/12/2013	06:55	3	WNW
04/12/2013	07:00	5	WNW
04/12/2013	07:05	3	WNW
04/12/2013	07:10	2	SW
04/12/2013	07:15	3	NNW
04/12/2013	07:20	1	WNW
04/12/2013	07:25	2	WNW
04/12/2013	07:30	3	WNW
04/12/2013	07:35	2	WNW
04/12/2013	07:40	2	WNW
04/12/2013	07:45	4	W
04/12/2013	07:50	4	NNW
04/12/2013	07:55	4	W
04/12/2013	08:00	3	W
04/12/2013	08:05	2	WSW
04/12/2013	08:10	3	W
04/12/2013	08:15	3	W
04/12/2013	08:20	2	W
04/12/2013	08:25	2	W
04/12/2013	08:30	1	W
04/12/2013	08:35	1	WNW
04/12/2013	08:40	0	---
04/12/2013	08:45	1	WSW
04/12/2013	08:50	2	WNW
04/12/2013	08:55	2	WNW
04/12/2013	09:00	3	WNW
04/12/2013	09:05	3	WNW
04/12/2013	09:10	3	WNW
04/12/2013	09:15	4	NW
04/12/2013	09:20	5	NW
04/12/2013	09:25	4	NNW
04/12/2013	09:30	3	NNW
04/12/2013	09:35	3	NW
04/12/2013	09:40	2	WNW
04/12/2013	09:45	2	WNW
04/12/2013	09:50	3	WNW
04/12/2013	09:55	2	WNW
04/12/2013	10:00	3	N
04/12/2013	10:05	4	N
04/12/2013	10:10	4	N
04/12/2013	10:15	4	N
04/12/2013	10:20	4	NNW
04/12/2013	10:25	4	NNW
04/12/2013	10:30	4	N
04/12/2013	15:10	6	E
04/12/2013	15:15	4	E
04/12/2013	15:20	4	E
04/12/2013	15:25	4	E
04/12/2013	15:30	5	E
04/12/2013	15:35	3	E
04/12/2013	15:40	5	ESE
04/12/2013	15:45	2	ESE
04/12/2013	15:50	3	E

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
04/12/2013	11:20	2	ENE
04/12/2013	11:25	5	ENE
04/12/2013	11:30	4	ENE
04/12/2013	11:35	2	E
04/12/2013	11:40	3	ENE
04/12/2013	11:45	4	E
04/12/2013	11:50	5	ENE
04/12/2013	11:55	5	ENE
04/12/2013	12:00	3	ENE
04/12/2013	12:05	3	E
04/12/2013	12:10	4	E
04/12/2013	12:15	5	ENE
04/12/2013	12:20	3	E
04/12/2013	12:25	4	ENE
04/12/2013	12:30	4	ESE
04/12/2013	12:35	4	ESE
04/12/2013	12:40	3	E
04/12/2013	12:45	1	ESE
04/12/2013	12:50	1	NE
04/12/2013	12:55	2	E
04/12/2013	13:00	4	E
04/12/2013	13:05	4	E
04/12/2013	13:10	6	E
04/12/2013	13:15	4	E
04/12/2013	13:20	5	E
04/12/2013	13:25	7	ESE
04/12/2013	13:30	6	E
04/12/2013	13:35	6	E
04/12/2013	13:40	6	E
04/12/2013	13:45	6	E
04/12/2013	13:50	7	ESE
04/12/2013	13:55	5	E
04/12/2013	14:00	6	E
04/12/2013	14:05	5	ESE
04/12/2013	14:10	5	E
04/12/2013	14:15	4	E
04/12/2013	14:20	4	ESE
04/12/2013	14:25	4	ESE
04/12/2013	14:30	5	E
04/12/2013	14:35	6	E
04/12/2013	14:40	4	E
04/12/2013	14:45	5	E
04/12/2013	14:50	5	E
04/12/2013	14:55	2	E
04/12/2013	15:00	4	E
04/12/2013	15:05	3	ESE
04/12/2013	19:45	0	---
04/12/2013	19:50	0	---
04/12/2013	19:55	0	---
04/12/2013	20:00	0	---
04/12/2013	20:05	0	---
04/12/2013	20:10	0	---
04/12/2013	20:15	1	W
04/12/2013	20:20	0	W
04/12/2013	20:25	0	SSW
04/12/2013	20:30	0	---

Date	Time	Wind Speed (mph)	Wind Direction
04/12/2013	15:55	4	ESE
04/12/2013	16:00	3	ESE
04/12/2013	16:05	4	ESE
04/12/2013	16:10	4	ESE
04/12/2013	16:15	3	ESE
04/12/2013	16:20	2	ESE
04/12/2013	16:25	3	ESE
04/12/2013	16:30	3	SE
04/12/2013	16:35	3	ESE
04/12/2013	16:40	2	SE
04/12/2013	16:45	3	SE
04/12/2013	16:50	2	S
04/12/2013	16:55	1	SSE
04/12/2013	17:00	3	SE
04/12/2013	17:05	2	SE
04/12/2013	17:10	3	SSE
04/12/2013	17:15	3	SE
04/12/2013	17:20	2	SE
04/12/2013	17:25	1	SE
04/12/2013	17:30	1	S
04/12/2013	17:35	1	SSE
04/12/2013	17:40	2	SSW
04/12/2013	17:45	3	S
04/12/2013	17:50	3	SSW
04/12/2013	17:55	2	S
04/12/2013	18:00	2	S
04/12/2013	18:05	2	S
04/12/2013	18:10	1	S
04/12/2013	18:15	0	S
04/12/2013	18:20	0	S
04/12/2013	18:25	0	S
04/12/2013	18:30	0	WSW
04/12/2013	18:35	0	WSW
04/12/2013	18:40	0	---
04/12/2013	18:45	0	WSW
04/12/2013	18:50	2	W
04/12/2013	18:55	1	W
04/12/2013	19:00	0	W
04/12/2013	19:05	0	---
04/12/2013	19:10	0	W
04/12/2013	19:15	0	---
04/12/2013	19:20	0	---
04/12/2013	19:25	0	---
04/12/2013	19:30	0	---
04/12/2013	19:35	0	---
04/12/2013	19:40	0	---
05/12/2013	00:20	1	SSW
05/12/2013	00:25	3	SSW
05/12/2013	00:30	3	S
05/12/2013	00:35	4	S
05/12/2013	00:40	3	S
05/12/2013	00:45	3	S
05/12/2013	00:50	3	SSW
05/12/2013	00:55	3	S
05/12/2013	01:00	3	S
05/12/2013	01:05	3	S

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
04/12/2013	20:35	0	---
04/12/2013	20:40	0	---
04/12/2013	20:45	0	---
04/12/2013	20:50	0	---
04/12/2013	20:55	0	---
04/12/2013	21:00	0	---
04/12/2013	21:05	0	---
04/12/2013	21:10	0	---
04/12/2013	21:15	0	---
04/12/2013	21:20	0	---
04/12/2013	21:25	0	---
04/12/2013	21:30	0	---
04/12/2013	21:35	0	---
04/12/2013	21:40	0	---
04/12/2013	21:45	0	---
04/12/2013	21:50	0	---
04/12/2013	21:55	0	WSW
04/12/2013	22:00	3	W
04/12/2013	22:05	2	S
04/12/2013	22:10	2	SW
04/12/2013	22:15	1	S
04/12/2013	22:20	1	SSE
04/12/2013	22:25	1	NNE
04/12/2013	22:30	0	NNE
04/12/2013	22:35	0	---
04/12/2013	22:40	0	---
04/12/2013	22:45	0	---
04/12/2013	22:50	0	---
04/12/2013	22:55	1	WSW
04/12/2013	23:00	2	SSE
04/12/2013	23:05	2	S
04/12/2013	23:10	2	SSW
04/12/2013	23:15	3	SSW
04/12/2013	23:20	2	SSW
04/12/2013	23:25	3	WSW
04/12/2013	23:30	2	S
04/12/2013	23:35	2	S
04/12/2013	23:40	2	SSE
04/12/2013	23:45	2	W
04/12/2013	23:50	3	W
04/12/2013	23:55	3	W
05/12/2013	00:00	2	WSW
05/12/2013	00:05	2	WSW
05/12/2013	00:10	1	WSW
05/12/2013	00:15	1	SW
05/12/2013	04:55	0	S
05/12/2013	05:00	1	W
05/12/2013	05:05	1	W
05/12/2013	05:10	0	---
05/12/2013	05:15	0	---
05/12/2013	05:20	0	---
05/12/2013	05:25	0	---
05/12/2013	05:30	0	---
05/12/2013	05:35	0	---
05/12/2013	05:40	0	---
05/12/2013	05:45	0	---

Date	Time	Wind Speed (mph)	Wind Direction
05/12/2013	01:10	2	SSE
05/12/2013	01:15	3	S
05/12/2013	01:20	2	SSE
05/12/2013	01:25	2	SSE
05/12/2013	01:30	1	SW
05/12/2013	01:35	0	SW
05/12/2013	01:40	1	SSW
05/12/2013	01:45	2	S
05/12/2013	01:50	3	S
05/12/2013	01:55	3	S
05/12/2013	02:00	3	S
05/12/2013	02:05	1	SSW
05/12/2013	02:10	1	S
05/12/2013	02:15	2	SSE
05/12/2013	02:20	1	S
05/12/2013	02:25	1	WSW
05/12/2013	02:30	1	SSW
05/12/2013	02:35	0	W
05/12/2013	02:40	0	---
05/12/2013	02:45	0	WSW
05/12/2013	02:50	1	WSW
05/12/2013	02:55	2	W
05/12/2013	03:00	0	SSW
05/12/2013	03:05	0	---
05/12/2013	03:10	0	SSW
05/12/2013	03:15	1	SSW
05/12/2013	03:20	1	WNW
05/12/2013	03:25	1	WNW
05/12/2013	03:30	1	WNW
05/12/2013	03:35	1	WNW
05/12/2013	03:40	0	---
05/12/2013	03:45	0	---
05/12/2013	03:50	0	---
05/12/2013	03:55	0	---
05/12/2013	04:00	0	---
05/12/2013	04:05	0	---
05/12/2013	04:10	0	---
05/12/2013	04:15	0	---
05/12/2013	04:20	0	---
05/12/2013	04:25	0	---
05/12/2013	04:30	0	---
05/12/2013	04:35	0	---
05/12/2013	04:40	0	---
05/12/2013	04:45	0	---
05/12/2013	04:50	1	S
05/12/2013	09:30	6	SE
05/12/2013	09:35	6	SE
05/12/2013	09:40	6	ESE
05/12/2013	09:45	5	SE
05/12/2013	09:50	6	ESE
05/12/2013	09:55	5	ESE
05/12/2013	10:00	4	ESE
05/12/2013	10:05	4	E
05/12/2013	10:10	5	E
05/12/2013	10:15	5	E
05/12/2013	10:20	5	E

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
05/12/2013	05:50	0	W
05/12/2013	05:55	1	W
05/12/2013	06:00	0	W
05/12/2013	06:05	0	---
05/12/2013	06:10	0	---
05/12/2013	06:15	0	---
05/12/2013	06:20	0	---
05/12/2013	06:25	0	---
05/12/2013	06:30	0	---
05/12/2013	06:35	0	---
05/12/2013	06:40	0	---
05/12/2013	06:45	0	---
05/12/2013	06:50	0	---
05/12/2013	06:55	0	---
05/12/2013	07:00	0	---
05/12/2013	07:05	0	---
05/12/2013	07:10	0	---
05/12/2013	07:15	0	---
05/12/2013	07:20	0	---
05/12/2013	07:25	0	---
05/12/2013	07:30	0	---
05/12/2013	07:35	0	---
05/12/2013	07:40	1	SSW
05/12/2013	07:45	1	S
05/12/2013	07:50	0	S
05/12/2013	07:55	0	S
05/12/2013	08:00	0	S
05/12/2013	08:05	0	SW
05/12/2013	08:10	1	WSW
05/12/2013	08:15	1	W
05/12/2013	08:20	1	S
05/12/2013	08:25	1	S
05/12/2013	08:30	1	SE
05/12/2013	08:35	1	SSE
05/12/2013	08:40	2	SW
05/12/2013	08:45	1	SSE
05/12/2013	08:50	3	SE
05/12/2013	08:55	4	SE
05/12/2013	09:00	4	SE
05/12/2013	09:05	5	SE
05/12/2013	09:10	7	SE
05/12/2013	09:15	6	SE
05/12/2013	09:20	6	SE
05/12/2013	09:25	6	SE
05/12/2013	14:05	7	NNW
05/12/2013	14:10	4	NNW
05/12/2013	14:15	6	NNW
05/12/2013	14:20	7	NNW
05/12/2013	14:25	6	N
05/12/2013	14:30	5	N
05/12/2013	14:35	5	NNW
05/12/2013	14:40	6	NW
05/12/2013	14:45	7	NW
05/12/2013	14:50	6	NW
05/12/2013	14:55	4	WNW
05/12/2013	15:00	5	NW
05/12/2013	10:25	5	E
05/12/2013	10:30	6	E
05/12/2013	10:35	6	E
05/12/2013	10:40	5	E
05/12/2013	10:45	5	E
05/12/2013	10:50	5	E
05/12/2013	10:55	5	E
05/12/2013	11:00	4	E
05/12/2013	11:05	4	E
05/12/2013	11:10	4	E
05/12/2013	11:15	4	E
05/12/2013	11:20	3	E
05/12/2013	11:25	3	ESE
05/12/2013	11:30	4	E
05/12/2013	11:35	4	E
05/12/2013	11:40	3	E
05/12/2013	11:45	3	ENE
05/12/2013	11:50	3	E
05/12/2013	11:55	4	E
05/12/2013	12:00	3	E
05/12/2013	12:05	4	E
05/12/2013	12:10	3	E
05/12/2013	12:15	3	E
05/12/2013	12:20	3	ENE
05/12/2013	12:25	3	ENE
05/12/2013	12:30	3	E
05/12/2013	12:35	2	ENE
05/12/2013	12:40	3	ENE
05/12/2013	12:45	3	ENE
05/12/2013	12:50	3	ENE
05/12/2013	12:55	2	E
05/12/2013	13:00	3	E
05/12/2013	13:05	2	E
05/12/2013	13:10	2	ENE
05/12/2013	13:15	3	NE
05/12/2013	13:20	2	ENE
05/12/2013	13:25	4	N
05/12/2013	13:30	5	NW
05/12/2013	13:35	5	NW
05/12/2013	13:40	6	NNE
05/12/2013	13:45	7	NNW
05/12/2013	13:50	5	NW
05/12/2013	13:55	5	NW
05/12/2013	14:00	6	NW
05/12/2013	18:40	1	WSW
05/12/2013	18:45	1	WSW
05/12/2013	18:50	0	---
05/12/2013	18:55	0	---
05/12/2013	19:00	0	WSW
05/12/2013	19:05	0	SW
05/12/2013	19:10	0	---
05/12/2013	19:15	0	---
05/12/2013	19:20	0	---
05/12/2013	19:25	0	---
05/12/2013	19:30	0	---
05/12/2013	19:35	1	W

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
05/12/2013	15:05	5	NW
05/12/2013	15:10	3	WNW
05/12/2013	15:15	3	NW
05/12/2013	15:20	3	WNW
05/12/2013	15:25	3	NNW
05/12/2013	15:30	4	NNW
05/12/2013	15:35	2	NW
05/12/2013	15:40	3	NW
05/12/2013	15:45	5	NNW
05/12/2013	15:50	3	NW
05/12/2013	15:55	3	NW
05/12/2013	16:00	4	NW
05/12/2013	16:05	5	NW
05/12/2013	16:10	4	NW
05/12/2013	16:15	5	NW
05/12/2013	16:20	5	NW
05/12/2013	16:25	4	NW
05/12/2013	16:30	4	NW
05/12/2013	16:35	5	NNW
05/12/2013	16:40	2	NW
05/12/2013	16:45	3	NW
05/12/2013	16:50	4	NW
05/12/2013	16:55	4	NW
05/12/2013	17:00	3	WNW
05/12/2013	17:05	3	WNW
05/12/2013	17:10	2	WNW
05/12/2013	17:15	0	---
05/12/2013	17:20	0	---
05/12/2013	17:25	1	NW
05/12/2013	17:30	0	NW
05/12/2013	17:35	0	---
05/12/2013	17:40	1	SSW
05/12/2013	17:45	0	WSW
05/12/2013	17:50	0	WSW
05/12/2013	17:55	0	---
05/12/2013	18:00	0	---
05/12/2013	18:05	0	---
05/12/2013	18:10	0	---
05/12/2013	18:15	0	---
05/12/2013	18:20	0	---
05/12/2013	18:25	2	W
05/12/2013	18:30	2	W
05/12/2013	18:35	2	WSW
05/12/2013	23:15	0	W
05/12/2013	23:20	0	---
05/12/2013	23:25	0	W
05/12/2013	23:30	0	---
05/12/2013	23:35	0	---
05/12/2013	23:40	0	---
05/12/2013	23:45	0	---
05/12/2013	23:50	0	---
05/12/2013	23:55	0	---
06/12/2013	00:00	0	---
06/12/2013	00:05	0	---
06/12/2013	00:10	0	---
06/12/2013	00:15	0	---

Date	Time	Wind Speed (mph)	Wind Direction
05/12/2013	19:40	2	W
05/12/2013	19:45	2	W
05/12/2013	19:50	2	W
05/12/2013	19:55	2	W
05/12/2013	20:00	3	W
05/12/2013	20:05	3	W
05/12/2013	20:10	1	W
05/12/2013	20:15	0	---
05/12/2013	20:20	0	---
05/12/2013	20:25	0	---
05/12/2013	20:30	0	---
05/12/2013	20:35	0	---
05/12/2013	20:40	0	W
05/12/2013	20:45	0	---
05/12/2013	20:50	0	---
05/12/2013	20:55	0	---
05/12/2013	21:00	0	---
05/12/2013	21:05	0	---
05/12/2013	21:10	0	---
05/12/2013	21:15	0	---
05/12/2013	21:20	0	W
05/12/2013	21:25	1	W
05/12/2013	21:30	1	SSW
05/12/2013	21:35	0	S
05/12/2013	21:40	0	S
05/12/2013	21:45	1	W
05/12/2013	21:50	0	---
05/12/2013	21:55	0	---
05/12/2013	22:00	0	---
05/12/2013	22:05	0	---
05/12/2013	22:10	0	---
05/12/2013	22:15	0	---
05/12/2013	22:20	0	---
05/12/2013	22:25	0	---
05/12/2013	22:30	0	---
05/12/2013	22:35	0	---
05/12/2013	22:40	0	---
05/12/2013	22:45	0	---
05/12/2013	22:50	0	---
05/12/2013	22:55	0	---
05/12/2013	23:00	0	---
05/12/2013	23:05	0	W
05/12/2013	23:10	1	W
06/12/2013	03:50	2	SSW
06/12/2013	03:55	1	SSW
06/12/2013	04:00	1	SSW
06/12/2013	04:05	0	---
06/12/2013	04:10	1	W
06/12/2013	04:15	1	W
06/12/2013	04:20	1	W
06/12/2013	04:25	0	W
06/12/2013	04:30	0	---
06/12/2013	04:35	0	---
06/12/2013	04:40	0	---
06/12/2013	04:45	0	---
06/12/2013	04:50	0	---

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
06/12/2013	00:20	0	---
06/12/2013	00:25	0	---
06/12/2013	00:30	0	---
06/12/2013	00:35	0	---
06/12/2013	00:40	0	---
06/12/2013	00:45	0	---
06/12/2013	00:50	0	---
06/12/2013	00:55	0	---
06/12/2013	01:00	0	---
06/12/2013	01:05	0	---
06/12/2013	01:10	0	W
06/12/2013	01:15	2	W
06/12/2013	01:20	0	W
06/12/2013	01:25	0	---
06/12/2013	01:30	0	---
06/12/2013	01:35	0	---
06/12/2013	01:40	0	---
06/12/2013	01:45	0	---
06/12/2013	01:50	0	W
06/12/2013	01:55	1	SW
06/12/2013	02:00	0	SE
06/12/2013	02:05	1	S
06/12/2013	02:10	1	SSW
06/12/2013	02:15	0	S
06/12/2013	02:20	0	S
06/12/2013	02:25	0	---
06/12/2013	02:30	2	SSW
06/12/2013	02:35	3	SSW
06/12/2013	02:40	2	S
06/12/2013	02:45	3	SSW
06/12/2013	02:50	2	SSW
06/12/2013	02:55	2	S
06/12/2013	03:00	2	SSW
06/12/2013	03:05	3	S
06/12/2013	03:10	3	S
06/12/2013	03:15	2	SSW
06/12/2013	03:20	1	S
06/12/2013	03:25	1	S
06/12/2013	03:30	1	SW
06/12/2013	03:35	1	SW
06/12/2013	03:40	2	SSW
06/12/2013	03:45	2	SSW
06/12/2013	08:25	1	SSE
06/12/2013	08:30	1	SSW
06/12/2013	08:35	0	---
06/12/2013	08:40	0	---
06/12/2013	08:45	0	S
06/12/2013	08:50	2	S
06/12/2013	08:55	3	SSW
06/12/2013	09:00	1	SSW
06/12/2013	09:05	1	SSW
06/12/2013	09:10	2	SSW
06/12/2013	09:15	1	ESE
06/12/2013	09:20	1	SSE
06/12/2013	09:25	1	SE
06/12/2013	09:30	1	SW
06/12/2013	04:55	0	---
06/12/2013	05:00	0	---
06/12/2013	05:05	0	---
06/12/2013	05:10	0	---
06/12/2013	05:15	0	---
06/12/2013	05:20	0	---
06/12/2013	05:25	0	---
06/12/2013	05:30	0	SW
06/12/2013	05:35	0	---
06/12/2013	05:40	0	---
06/12/2013	05:45	0	---
06/12/2013	05:50	0	---
06/12/2013	05:55	0	---
06/12/2013	06:00	0	---
06/12/2013	06:05	0	---
06/12/2013	06:10	0	---
06/12/2013	06:15	0	---
06/12/2013	06:20	0	---
06/12/2013	06:25	0	---
06/12/2013	06:30	0	---
06/12/2013	06:35	0	---
06/12/2013	06:40	0	---
06/12/2013	06:45	0	---
06/12/2013	06:50	0	---
06/12/2013	06:55	0	---
06/12/2013	07:00	0	---
06/12/2013	07:05	0	---
06/12/2013	07:10	0	---
06/12/2013	07:15	0	---
06/12/2013	07:20	0	---
06/12/2013	07:25	0	---
06/12/2013	07:30	0	---
06/12/2013	07:35	0	---
06/12/2013	07:40	0	---
06/12/2013	07:45	0	---
06/12/2013	07:50	0	---
06/12/2013	07:55	0	---
06/12/2013	08:00	0	---
06/12/2013	08:05	0	---
06/12/2013	08:10	0	---
06/12/2013	08:15	0	---
06/12/2013	08:20	0	---
06/12/2013	13:00	5	E
06/12/2013	13:05	5	E
06/12/2013	13:10	5	E
06/12/2013	13:15	4	E
06/12/2013	13:20	4	NE
06/12/2013	13:25	4	ENE
06/12/2013	13:30	3	ENE
06/12/2013	13:35	4	E
06/12/2013	13:40	4	E
06/12/2013	13:45	8	ENE
06/12/2013	13:50	5	NE
06/12/2013	13:55	4	N
06/12/2013	14:00	6	N
06/12/2013	14:05	6	N

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
06/12/2013	09:35	0	---
06/12/2013	09:40	2	SE
06/12/2013	09:45	2	ENE
06/12/2013	09:50	2	NE
06/12/2013	09:55	2	ENE
06/12/2013	10:00	3	E
06/12/2013	10:05	1	E
06/12/2013	10:10	4	E
06/12/2013	10:15	6	ENE
06/12/2013	10:20	3	E
06/12/2013	10:25	5	E
06/12/2013	10:30	5	E
06/12/2013	10:35	6	E
06/12/2013	10:40	4	E
06/12/2013	10:45	6	E
06/12/2013	10:50	5	E
06/12/2013	10:55	6	E
06/12/2013	11:00	4	ESE
06/12/2013	11:05	4	E
06/12/2013	11:10	5	E
06/12/2013	11:15	4	ESE
06/12/2013	11:20	4	E
06/12/2013	11:25	5	E
06/12/2013	11:30	3	ESE
06/12/2013	11:35	4	E
06/12/2013	11:40	6	E
06/12/2013	11:45	6	E
06/12/2013	11:50	5	E
06/12/2013	11:55	4	E
06/12/2013	12:00	3	E
06/12/2013	12:05	4	SE
06/12/2013	12:10	3	SE
06/12/2013	12:15	2	E
06/12/2013	12:20	2	E
06/12/2013	12:25	2	E
06/12/2013	12:30	3	ESE
06/12/2013	12:35	4	E
06/12/2013	12:40	6	ENE
06/12/2013	12:45	6	E
06/12/2013	12:50	5	ENE
06/12/2013	12:55	5	ENE
06/12/2013	17:35	3	E
06/12/2013	17:40	3	E
06/12/2013	17:45	2	ESE
06/12/2013	17:50	2	E
06/12/2013	17:55	3	ESE
06/12/2013	18:00	3	ENE
06/12/2013	18:05	1	ENE
06/12/2013	18:10	1	ENE
06/12/2013	18:15	1	ENE
06/12/2013	18:20	0	SE
06/12/2013	18:25	1	WNW
06/12/2013	18:30	0	WNW
06/12/2013	18:35	0	WNW
06/12/2013	18:40	1	WNW
06/12/2013	18:45	0	---

Date	Time	Wind Speed (mph)	Wind Direction
06/12/2013	14:10	6	N
06/12/2013	14:15	5	N
06/12/2013	14:20	5	NNE
06/12/2013	14:25	4	NNE
06/12/2013	14:30	5	N
06/12/2013	14:35	5	N
06/12/2013	14:40	4	N
06/12/2013	14:45	5	NNE
06/12/2013	14:50	3	NE
06/12/2013	14:55	4	NNE
06/12/2013	15:00	2	NE
06/12/2013	15:05	4	NE
06/12/2013	15:10	3	NE
06/12/2013	15:15	5	ENE
06/12/2013	15:20	6	NE
06/12/2013	15:25	4	NE
06/12/2013	15:30	6	NE
06/12/2013	15:35	5	ENE
06/12/2013	15:40	4	ENE
06/12/2013	15:45	7	ENE
06/12/2013	15:50	7	NE
06/12/2013	15:55	6	ENE
06/12/2013	16:00	7	ENE
06/12/2013	16:05	5	NE
06/12/2013	16:10	6	ENE
06/12/2013	16:15	5	ENE
06/12/2013	16:20	4	ENE
06/12/2013	16:25	4	ENE
06/12/2013	16:30	5	E
06/12/2013	16:35	3	E
06/12/2013	16:40	5	E
06/12/2013	16:45	4	ENE
06/12/2013	16:50	4	E
06/12/2013	16:55	3	E
06/12/2013	17:00	5	E
06/12/2013	17:05	4	E
06/12/2013	17:10	4	E
06/12/2013	17:15	4	E
06/12/2013	17:20	3	E
06/12/2013	17:25	4	E
06/12/2013	17:30	2	E
06/12/2013	22:10	0	---
06/12/2013	22:15	0	---
06/12/2013	22:20	0	---
06/12/2013	22:25	0	---
06/12/2013	22:30	0	---
06/12/2013	22:35	0	---
06/12/2013	22:40	0	---
06/12/2013	22:45	0	---
06/12/2013	22:50	0	---
06/12/2013	22:55	0	---
06/12/2013	23:00	0	---
06/12/2013	23:05	0	---
06/12/2013	23:10	0	---
06/12/2013	23:15	0	---
06/12/2013	23:20	0	---

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
06/12/2013	18:50	0	---
06/12/2013	18:55	0	---
06/12/2013	19:00	0	---
06/12/2013	19:05	1	WNW
06/12/2013	19:10	0	WNW
06/12/2013	19:15	0	---
06/12/2013	19:20	0	WNW
06/12/2013	19:25	0	---
06/12/2013	19:30	0	---
06/12/2013	19:35	0	---
06/12/2013	19:40	0	---
06/12/2013	19:45	0	---
06/12/2013	19:50	0	---
06/12/2013	19:55	0	---
06/12/2013	20:00	0	---
06/12/2013	20:05	0	---
06/12/2013	20:10	0	---
06/12/2013	20:15	0	---
06/12/2013	20:20	1	WNW
06/12/2013	20:25	0	WNW
06/12/2013	20:30	0	---
06/12/2013	20:35	0	WNW
06/12/2013	20:40	0	WNW
06/12/2013	20:45	0	---
06/12/2013	20:50	0	---
06/12/2013	20:55	0	---
06/12/2013	21:00	0	WNW
06/12/2013	21:05	0	---
06/12/2013	21:10	0	---
06/12/2013	21:15	0	WNW
06/12/2013	21:20	1	WNW
06/12/2013	21:25	1	WNW
06/12/2013	21:30	0	WNW
06/12/2013	21:35	0	WNW
06/12/2013	21:40	0	---
06/12/2013	21:45	0	WNW
06/12/2013	21:50	0	---
06/12/2013	21:55	0	---
06/12/2013	22:00	0	---
06/12/2013	22:05	0	---
07/12/2013	02:45	0	W
07/12/2013	02:50	0	---
07/12/2013	02:55	0	---
07/12/2013	03:00	0	---
07/12/2013	03:05	0	---
07/12/2013	03:10	0	---
07/12/2013	03:15	0	---
07/12/2013	03:20	0	---
07/12/2013	03:25	0	---
07/12/2013	03:30	0	---
07/12/2013	03:35	0	---
07/12/2013	03:40	0	W
07/12/2013	03:45	0	W
07/12/2013	03:50	0	---
07/12/2013	03:55	0	---
07/12/2013	04:00	0	---
06/12/2013	23:25	0	---
06/12/2013	23:30	1	W
06/12/2013	23:35	2	W
06/12/2013	23:40	0	W
06/12/2013	23:45	1	SW
06/12/2013	23:50	0	SSW
06/12/2013	23:55	0	---
07/12/2013	00:00	0	---
07/12/2013	00:05	0	---
07/12/2013	00:10	0	---
07/12/2013	00:15	0	---
07/12/2013	00:20	0	---
07/12/2013	00:25	0	---
07/12/2013	00:30	0	---
07/12/2013	00:35	0	---
07/12/2013	00:40	0	---
07/12/2013	00:45	0	---
07/12/2013	00:50	0	---
07/12/2013	00:55	0	---
07/12/2013	01:00	0	---
07/12/2013	01:05	0	---
07/12/2013	01:10	0	---
07/12/2013	01:15	1	S
07/12/2013	01:20	1	S
07/12/2013	01:25	1	WNW
07/12/2013	01:30	0	WNW
07/12/2013	01:35	0	---
07/12/2013	01:40	0	---
07/12/2013	01:45	0	---
07/12/2013	01:50	0	WNW
07/12/2013	01:55	2	WNW
07/12/2013	02:00	1	W
07/12/2013	02:05	0	---
07/12/2013	02:10	0	---
07/12/2013	02:15	0	---
07/12/2013	02:20	0	---
07/12/2013	02:25	0	---
07/12/2013	02:30	0	W
07/12/2013	02:35	0	W
07/12/2013	02:40	0	W
07/12/2013	07:20	0	---
07/12/2013	07:25	0	---
07/12/2013	07:30	0	---
07/12/2013	07:35	0	---
07/12/2013	07:40	0	---
07/12/2013	07:45	0	---
07/12/2013	07:50	0	---
07/12/2013	07:55	0	---
07/12/2013	08:00	0	---
07/12/2013	08:05	0	---
07/12/2013	08:10	0	---
07/12/2013	08:15	0	---
07/12/2013	08:20	0	---
07/12/2013	08:25	0	---
07/12/2013	08:30	0	---
07/12/2013	08:35	0	---

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
07/12/2013	04:05	0	---
07/12/2013	04:10	0	---
07/12/2013	04:15	0	---
07/12/2013	04:20	0	---
07/12/2013	04:25	0	---
07/12/2013	04:30	0	---
07/12/2013	04:35	0	---
07/12/2013	04:40	0	---
07/12/2013	04:45	0	---
07/12/2013	04:50	0	---
07/12/2013	04:55	0	---
07/12/2013	05:00	0	---
07/12/2013	05:05	0	---
07/12/2013	05:10	0	---
07/12/2013	05:15	0	---
07/12/2013	05:20	0	---
07/12/2013	05:25	0	---
07/12/2013	05:30	0	---
07/12/2013	05:35	0	---
07/12/2013	05:40	0	---
07/12/2013	05:45	0	---
07/12/2013	05:50	0	---
07/12/2013	05:55	0	---
07/12/2013	06:00	0	---
07/12/2013	06:05	0	---
07/12/2013	06:10	0	---
07/12/2013	06:15	0	---
07/12/2013	06:20	0	---
07/12/2013	06:25	0	---
07/12/2013	06:30	0	---
07/12/2013	06:35	0	---
07/12/2013	06:40	0	---
07/12/2013	06:45	0	---
07/12/2013	06:50	0	---
07/12/2013	06:55	0	---
07/12/2013	07:00	0	---
07/12/2013	07:05	0	---
07/12/2013	07:10	0	---
07/12/2013	07:15	0	---
07/12/2013	11:55	4	NNE
07/12/2013	12:00	7	N
07/12/2013	12:05	5	N
07/12/2013	12:10	5	NNE
07/12/2013	12:15	5	N
07/12/2013	12:20	5	N
07/12/2013	12:25	6	NNW
07/12/2013	12:30	4	N
07/12/2013	12:35	5	N
07/12/2013	12:40	4	NNW
07/12/2013	12:45	4	NNE
07/12/2013	12:50	4	NNW
07/12/2013	12:55	3	NNW
07/12/2013	13:00	3	NNW
07/12/2013	13:05	3	NNE
07/12/2013	13:10	4	N
07/12/2013	13:15	4	NNE

Date	Time	Wind Speed (mph)	Wind Direction
07/12/2013	08:40	0	---
07/12/2013	08:45	0	---
07/12/2013	08:50	0	---
07/12/2013	08:55	0	---
07/12/2013	09:00	0	---
07/12/2013	09:05	0	---
07/12/2013	09:10	0	---
07/12/2013	09:15	0	---
07/12/2013	09:20	0	---
07/12/2013	09:25	0	---
07/12/2013	09:30	0	---
07/12/2013	09:35	0	---
07/12/2013	09:40	0	---
07/12/2013	09:45	0	---
07/12/2013	09:50	0	---
07/12/2013	09:55	0	---
07/12/2013	10:00	0	---
07/12/2013	10:05	2	ENE
07/12/2013	10:10	2	ENE
07/12/2013	10:15	2	E
07/12/2013	10:20	2	E
07/12/2013	10:25	2	E
07/12/2013	10:30	2	E
07/12/2013	10:35	2	E
07/12/2013	10:40	2	E
07/12/2013	10:45	2	E
07/12/2013	10:50	1	E
07/12/2013	10:55	0	E
07/12/2013	11:00	0	---
07/12/2013	11:05	0	E
07/12/2013	11:10	1	ENE
07/12/2013	11:15	0	ENE
07/12/2013	11:20	0	---
07/12/2013	11:25	0	---
07/12/2013	11:30	0	---
07/12/2013	11:35	0	---
07/12/2013	11:40	0	---
07/12/2013	11:45	2	NNE
07/12/2013	11:50	4	NNW
07/12/2013	16:30	3	NNW
07/12/2013	16:35	2	NW
07/12/2013	16:40	3	NW
07/12/2013	16:45	2	NW
07/12/2013	16:50	3	NW
07/12/2013	16:55	3	WNW
07/12/2013	17:00	2	WNW
07/12/2013	17:05	2	WNW
07/12/2013	17:10	1	WNW
07/12/2013	17:15	2	NW
07/12/2013	17:20	2	WNW
07/12/2013	17:25	1	WNW
07/12/2013	17:30	1	NNW
07/12/2013	17:35	1	W
07/12/2013	17:40	0	---
07/12/2013	17:45	0	---
07/12/2013	17:50	0	---

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
07/12/2013	13:20	3	N
07/12/2013	13:25	4	NNW
07/12/2013	13:30	2	NNW
07/12/2013	13:35	3	N
07/12/2013	13:40	5	N
07/12/2013	13:45	4	N
07/12/2013	13:50	4	NNE
07/12/2013	13:55	4	NNE
07/12/2013	14:00	4	N
07/12/2013	14:05	4	NNW
07/12/2013	14:10	5	N
07/12/2013	14:15	4	NNE
07/12/2013	14:20	3	NNE
07/12/2013	14:25	4	N
07/12/2013	14:30	5	N
07/12/2013	14:35	4	N
07/12/2013	14:40	3	N
07/12/2013	14:45	3	NW
07/12/2013	14:50	5	N
07/12/2013	14:55	4	NNW
07/12/2013	15:00	5	N
07/12/2013	15:05	5	N
07/12/2013	15:10	5	N
07/12/2013	15:15	4	N
07/12/2013	15:20	4	NNW
07/12/2013	15:25	3	NW
07/12/2013	15:30	3	NW
07/12/2013	15:35	4	NW
07/12/2013	15:40	3	NW
07/12/2013	15:45	2	NW
07/12/2013	15:50	4	NW
07/12/2013	15:55	4	NW
07/12/2013	16:00	3	NW
07/12/2013	16:05	3	WNW
07/12/2013	16:10	2	NNW
07/12/2013	16:15	3	NW
07/12/2013	16:20	3	NW
07/12/2013	16:25	3	WNW
07/12/2013	21:05	0	---
07/12/2013	21:10	0	---
07/12/2013	21:15	0	---
07/12/2013	21:20	0	---
07/12/2013	21:25	0	---
07/12/2013	21:30	0	---
07/12/2013	21:35	0	---
07/12/2013	21:40	0	WNW
07/12/2013	21:45	0	---
07/12/2013	21:50	0	---
07/12/2013	21:55	0	---
07/12/2013	22:00	0	---
07/12/2013	22:05	0	---
07/12/2013	22:10	2	S
07/12/2013	22:15	2	SSW
07/12/2013	22:20	1	SSE
07/12/2013	22:25	0	---
07/12/2013	22:30	0	---

Date	Time	Wind Speed (mph)	Wind Direction
07/12/2013	17:55	0	---
07/12/2013	18:00	1	W
07/12/2013	18:05	3	WNW
07/12/2013	18:10	3	WNW
07/12/2013	18:15	3	WNW
07/12/2013	18:20	2	W
07/12/2013	18:25	2	WSW
07/12/2013	18:30	2	WNW
07/12/2013	18:35	1	WNW
07/12/2013	18:40	0	---
07/12/2013	18:45	1	W
07/12/2013	18:50	3	W
07/12/2013	18:55	3	W
07/12/2013	19:00	2	W
07/12/2013	19:05	3	W
07/12/2013	19:10	2	W
07/12/2013	19:15	2	W
07/12/2013	19:20	3	WSW
07/12/2013	19:25	3	W
07/12/2013	19:30	3	W
07/12/2013	19:35	2	W
07/12/2013	19:40	3	W
07/12/2013	19:45	2	W
07/12/2013	19:50	2	WNW
07/12/2013	19:55	3	W
07/12/2013	20:00	3	WSW
07/12/2013	20:05	2	W
07/12/2013	20:10	2	WNW
07/12/2013	20:15	2	W
07/12/2013	20:20	1	W
07/12/2013	20:25	0	WNW
07/12/2013	20:30	0	---
07/12/2013	20:35	0	WNW
07/12/2013	20:40	0	---
07/12/2013	20:45	0	---
07/12/2013	20:50	0	---
07/12/2013	20:55	0	WNW
07/12/2013	21:00	0	WNW
08/12/2013	01:40	0	---
08/12/2013	01:45	0	---
08/12/2013	01:50	0	---
08/12/2013	01:55	0	---
08/12/2013	02:00	0	---
08/12/2013	02:05	0	---
08/12/2013	02:10	0	---
08/12/2013	02:15	0	---
08/12/2013	02:20	0	---
08/12/2013	02:25	0	SSW
08/12/2013	02:30	0	SSW
08/12/2013	02:35	0	---
08/12/2013	02:40	0	---
08/12/2013	02:45	0	---
08/12/2013	02:50	0	---
08/12/2013	02:55	0	---
08/12/2013	03:00	0	---
08/12/2013	03:05	0	---

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
07/12/2013	22:35	0	NW
07/12/2013	22:40	2	NW
07/12/2013	22:45	3	NNW
07/12/2013	22:50	2	NW
07/12/2013	22:55	1	NW
07/12/2013	23:00	1	WNW
07/12/2013	23:05	0	SW
07/12/2013	23:10	1	SSW
07/12/2013	23:15	0	SSW
07/12/2013	23:20	0	---
07/12/2013	23:25	0	---
07/12/2013	23:30	0	SSW
07/12/2013	23:35	1	SSW
07/12/2013	23:40	0	SSW
07/12/2013	23:45	1	SSW
07/12/2013	23:50	1	SSW
07/12/2013	23:55	2	SSW
08/12/2013	00:00	0	SSW
08/12/2013	00:05	0	---
08/12/2013	00:10	0	---
08/12/2013	00:15	0	---
08/12/2013	00:20	0	---
08/12/2013	00:25	0	---
08/12/2013	00:30	0	---
08/12/2013	00:35	0	---
08/12/2013	00:40	0	---
08/12/2013	00:45	0	---
08/12/2013	00:50	0	---
08/12/2013	00:55	0	---
08/12/2013	01:00	0	---
08/12/2013	01:05	0	---
08/12/2013	01:10	0	---
08/12/2013	01:15	0	---
08/12/2013	01:20	0	---
08/12/2013	01:25	0	---
08/12/2013	01:30	0	---
08/12/2013	01:35	0	---
08/12/2013	06:15	0	---
08/12/2013	06:20	0	---
08/12/2013	06:25	0	---
08/12/2013	06:30	0	---
08/12/2013	06:35	0	---
08/12/2013	06:40	0	---
08/12/2013	06:45	0	---
08/12/2013	06:50	0	---
08/12/2013	06:55	0	---
08/12/2013	07:00	0	---
08/12/2013	07:05	0	---
08/12/2013	07:10	0	---
08/12/2013	07:15	0	---
08/12/2013	07:20	0	---
08/12/2013	07:25	0	---
08/12/2013	07:30	0	---
08/12/2013	07:35	0	---
08/12/2013	07:40	0	---
08/12/2013	07:45	0	---

Date	Time	Wind Speed (mph)	Wind Direction
08/12/2013	03:10	0	---
08/12/2013	03:15	0	---
08/12/2013	03:20	0	---
08/12/2013	03:25	0	---
08/12/2013	03:30	0	---
08/12/2013	03:35	0	---
08/12/2013	03:40	0	---
08/12/2013	03:45	0	---
08/12/2013	03:50	0	---
08/12/2013	03:55	0	---
08/12/2013	04:00	0	---
08/12/2013	04:05	0	---
08/12/2013	04:10	0	---
08/12/2013	04:15	0	---
08/12/2013	04:20	0	---
08/12/2013	04:25	0	---
08/12/2013	04:30	0	---
08/12/2013	04:35	0	---
08/12/2013	04:40	0	---
08/12/2013	04:45	0	---
08/12/2013	04:50	0	---
08/12/2013	04:55	0	---
08/12/2013	05:00	0	---
08/12/2013	05:05	0	---
08/12/2013	05:10	0	---
08/12/2013	05:15	0	---
08/12/2013	05:20	0	---
08/12/2013	05:25	0	---
08/12/2013	05:30	0	---
08/12/2013	05:35	0	---
08/12/2013	05:40	0	---
08/12/2013	05:45	0	---
08/12/2013	05:50	0	---
08/12/2013	05:55	0	---
08/12/2013	06:00	0	---
08/12/2013	06:05	0	---
08/12/2013	06:10	0	---
08/12/2013	10:50	2	E
08/12/2013	10:55	2	E
08/12/2013	11:00	1	SSE
08/12/2013	11:05	1	SE
08/12/2013	11:10	1	E
08/12/2013	11:15	0	E
08/12/2013	11:20	1	SSW
08/12/2013	11:25	0	SSW
08/12/2013	11:30	0	---
08/12/2013	11:35	0	E
08/12/2013	11:40	2	ENE
08/12/2013	11:45	2	ENE
08/12/2013	11:50	1	ENE
08/12/2013	11:55	0	---
08/12/2013	12:00	0	---
08/12/2013	12:05	0	NW
08/12/2013	12:10	0	NW
08/12/2013	12:15	0	---
08/12/2013	12:20	0	---

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
08/12/2013	07:50	0	---
08/12/2013	07:55	0	---
08/12/2013	08:00	0	---
08/12/2013	08:05	0	---
08/12/2013	08:10	0	---
08/12/2013	08:15	0	---
08/12/2013	08:20	0	---
08/12/2013	08:25	0	---
08/12/2013	08:30	0	---
08/12/2013	08:35	0	---
08/12/2013	08:40	0	---
08/12/2013	08:45	0	---
08/12/2013	08:50	0	---
08/12/2013	08:55	0	---
08/12/2013	09:00	0	---
08/12/2013	09:05	0	---
08/12/2013	09:10	0	---
08/12/2013	09:15	0	---
08/12/2013	09:20	0	---
08/12/2013	09:25	0	---
08/12/2013	09:30	0	ESE
08/12/2013	09:35	0	---
08/12/2013	09:40	0	---
08/12/2013	09:45	0	---
08/12/2013	09:50	0	---
08/12/2013	09:55	0	---
08/12/2013	10:00	0	---
08/12/2013	10:05	1	E
08/12/2013	10:10	1	ENE
08/12/2013	10:15	1	SSE
08/12/2013	10:20	0	S
08/12/2013	10:25	0	---
08/12/2013	10:30	0	---
08/12/2013	10:35	0	---
08/12/2013	10:40	1	SE
08/12/2013	10:45	3	SE
08/12/2013	15:25	4	SSE
08/12/2013	15:30	5	SSE
08/12/2013	15:35	4	SSE
08/12/2013	15:40	6	SSE
08/12/2013	15:45	7	SSE
08/12/2013	15:50	6	SE
08/12/2013	15:55	7	ESE
08/12/2013	16:00	5	SE
08/12/2013	16:05	6	ESE
08/12/2013	16:10	4	SE
08/12/2013	16:15	4	SE
08/12/2013	16:20	4	SSE
08/12/2013	16:25	5	SSE
08/12/2013	16:30	4	SSE
08/12/2013	16:35	7	SSE
08/12/2013	16:40	9	SSE
08/12/2013	16:45	9	SSE
08/12/2013	16:50	7	SSE
08/12/2013	16:55	6	SSE
08/12/2013	17:00	7	SSE

Date	Time	Wind Speed (mph)	Wind Direction
08/12/2013	12:25	0	---
08/12/2013	12:30	1	E
08/12/2013	12:35	3	ENE
08/12/2013	12:40	3	ESE
08/12/2013	12:45	4	ESE
08/12/2013	12:50	4	SE
08/12/2013	12:55	4	SSE
08/12/2013	13:00	6	SSE
08/12/2013	13:05	3	SSW
08/12/2013	13:10	1	SSW
08/12/2013	13:15	1	SSE
08/12/2013	13:20	3	E
08/12/2013	13:25	4	ESE
08/12/2013	13:30	4	SE
08/12/2013	13:35	2	SSW
08/12/2013	13:40	3	E
08/12/2013	13:45	4	SSE
08/12/2013	13:50	1	S
08/12/2013	13:55	3	ESE
08/12/2013	14:00	1	W
08/12/2013	14:05	1	WNW
08/12/2013	14:10	1	W
08/12/2013	14:15	2	NNW
08/12/2013	14:20	3	NNW
08/12/2013	14:25	2	NNW
08/12/2013	14:30	4	NNW
08/12/2013	14:35	2	SSE
08/12/2013	14:40	3	SSE
08/12/2013	14:45	3	SSE
08/12/2013	14:50	2	W
08/12/2013	14:55	1	SE
08/12/2013	15:00	2	SE
08/12/2013	15:05	1	ESE
08/12/2013	15:10	2	SSE
08/12/2013	15:15	2	SSE
08/12/2013	15:20	3	SSE
08/12/2013	20:00	6	SSE
08/12/2013	20:05	5	SSE
08/12/2013	20:10	4	SE
08/12/2013	20:15	4	SE
08/12/2013	20:20	5	SSE
08/12/2013	20:25	5	SSE
08/12/2013	20:30	5	SSE
08/12/2013	20:35	4	SE
08/12/2013	20:40	4	SSE
08/12/2013	20:45	6	SSE
08/12/2013	20:50	5	SSE
08/12/2013	20:55	6	SSE
08/12/2013	21:00	4	SSE
08/12/2013	21:05	3	SE
08/12/2013	21:10	5	SSE
08/12/2013	21:15	7	SSE
08/12/2013	21:20	6	SSE
08/12/2013	21:25	4	SSE
08/12/2013	21:30	5	SSE
08/12/2013	21:35	5	SSE

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
08/12/2013	17:05	6	SSE
08/12/2013	17:10	6	SE
08/12/2013	17:15	6	SSE
08/12/2013	17:20	6	SSE
08/12/2013	17:25	8	SSE
08/12/2013	17:30	4	SE
08/12/2013	17:35	5	SSE
08/12/2013	17:40	4	SSE
08/12/2013	17:45	5	SSE
08/12/2013	17:50	4	SE
08/12/2013	17:55	5	SE
08/12/2013	18:00	4	SSE
08/12/2013	18:05	6	SSE
08/12/2013	18:10	5	SSE
08/12/2013	18:15	3	SSE
08/12/2013	18:20	4	SSE
08/12/2013	18:25	5	SE
08/12/2013	18:30	4	SSE
08/12/2013	18:35	5	SSE
08/12/2013	18:40	4	SSE
08/12/2013	18:45	4	SE
08/12/2013	18:50	6	SE
08/12/2013	18:55	6	SSE
08/12/2013	19:00	6	SSE
08/12/2013	19:05	5	SSE
08/12/2013	19:10	5	SE
08/12/2013	19:15	6	SSE
08/12/2013	19:20	6	SE
08/12/2013	19:25	6	SSE
08/12/2013	19:30	6	SSE
08/12/2013	19:35	6	SE
08/12/2013	19:40	5	SSE
08/12/2013	19:45	5	SSE
08/12/2013	19:50	4	SE
08/12/2013	19:55	5	SSE
09/12/2013	00:35	0	---
09/12/2013	00:40	0	---
09/12/2013	00:45	0	---
09/12/2013	00:50	0	---
09/12/2013	00:55	0	---
09/12/2013	01:00	0	---
09/12/2013	01:05	0	---
09/12/2013	01:10	0	---
09/12/2013	01:15	0	---
09/12/2013	01:20	0	---
09/12/2013	01:25	0	---
09/12/2013	01:30	1	W
09/12/2013	01:35	2	WNW
09/12/2013	01:40	2	WNW
09/12/2013	01:45	3	W
09/12/2013	01:50	2	W
09/12/2013	01:55	2	W
09/12/2013	02:00	0	---
09/12/2013	02:05	0	---
09/12/2013	02:10	0	---
09/12/2013	02:15	0	W

Date	Time	Wind Speed (mph)	Wind Direction
08/12/2013	21:40	4	SE
08/12/2013	21:45	4	ESE
08/12/2013	21:50	5	SE
08/12/2013	21:55	4	SE
08/12/2013	22:00	4	ESE
08/12/2013	22:05	4	ESE
08/12/2013	22:10	2	SSE
08/12/2013	22:15	2	S
08/12/2013	22:20	2	SE
08/12/2013	22:25	1	SE
08/12/2013	22:30	1	ESE
08/12/2013	22:35	0	---
08/12/2013	22:40	0	---
08/12/2013	22:45	0	---
08/12/2013	22:50	0	---
08/12/2013	22:55	0	---
08/12/2013	23:00	0	---
08/12/2013	23:05	0	---
08/12/2013	23:10	0	---
08/12/2013	23:15	0	---
08/12/2013	23:20	0	---
08/12/2013	23:25	0	---
08/12/2013	23:30	0	---
08/12/2013	23:35	0	---
08/12/2013	23:40	0	---
08/12/2013	23:45	0	---
08/12/2013	23:50	0	---
08/12/2013	23:55	0	---
09/12/2013	00:00	0	---
09/12/2013	00:05	0	---
09/12/2013	00:10	0	---
09/12/2013	00:15	0	---
09/12/2013	00:20	0	---
09/12/2013	00:25	0	---
09/12/2013	00:30	0	---
09/12/2013	05:10	3	W
09/12/2013	05:15	4	W
09/12/2013	05:20	4	W
09/12/2013	05:25	3	W
09/12/2013	05:30	5	W
09/12/2013	05:35	3	W
09/12/2013	05:40	2	W
09/12/2013	05:45	1	NW
09/12/2013	05:50	5	W
09/12/2013	05:55	4	WNW
09/12/2013	06:00	2	NW
09/12/2013	06:05	0	N
09/12/2013	06:10	1	WNW
09/12/2013	06:15	1	WNW
09/12/2013	06:20	2	NW
09/12/2013	06:25	3	WNW
09/12/2013	06:30	3	WNW
09/12/2013	06:35	2	WNW
09/12/2013	06:40	3	W
09/12/2013	06:45	2	W
09/12/2013	06:50	2	WNW

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
09/12/2013	02:20	2	W
09/12/2013	02:25	2	NW
09/12/2013	02:30	2	WNW
09/12/2013	02:35	2	W
09/12/2013	02:40	2	W
09/12/2013	02:45	2	WNW
09/12/2013	02:50	2	WNW
09/12/2013	02:55	0	---
09/12/2013	03:00	0	WNW
09/12/2013	03:05	2	NW
09/12/2013	03:10	0	---
09/12/2013	03:15	2	WNW
09/12/2013	03:20	2	NW
09/12/2013	03:25	2	NW
09/12/2013	03:30	2	WNW
09/12/2013	03:35	2	W
09/12/2013	03:40	2	NW
09/12/2013	03:45	4	WNW
09/12/2013	03:50	2	WNW
09/12/2013	03:55	1	NW
09/12/2013	04:00	3	WNW
09/12/2013	04:05	3	W
09/12/2013	04:10	2	W
09/12/2013	04:15	1	WNW
09/12/2013	04:20	1	SSW
09/12/2013	04:25	2	NW
09/12/2013	04:30	2	WNW
09/12/2013	04:35	1	WNW
09/12/2013	04:40	1	WNW
09/12/2013	04:45	3	W
09/12/2013	04:50	2	WNW
09/12/2013	04:55	2	W
09/12/2013	05:00	1	W
09/12/2013	05:05	2	W
09/12/2013	09:45	3	NNW
09/12/2013	09:50	3	N
09/12/2013	09:55	2	NNW
09/12/2013	10:00	2	N
09/12/2013	10:05	1	N
09/12/2013	10:10	2	N
09/12/2013	10:15	1	NE
09/12/2013	10:20	1	NNW
09/12/2013	10:25	3	NE
09/12/2013	10:30	2	NNE
09/12/2013	10:35	3	NE
09/12/2013	10:40	2	NNE
09/12/2013	10:45	2	NNE
09/12/2013	10:50	2	NNE
09/12/2013	10:55	1	NE
09/12/2013	11:00	2	NE
09/12/2013	11:05	3	ENE
09/12/2013	11:10	1	E
09/12/2013	11:15	0	E
09/12/2013	11:20	1	NNE
09/12/2013	11:25	2	E
09/12/2013	11:30	5	NNE

Date	Time	Wind Speed (mph)	Wind Direction
09/12/2013	06:55	3	W
09/12/2013	07:00	2	W
09/12/2013	07:05	3	W
09/12/2013	07:10	2	WNW
09/12/2013	07:15	3	W
09/12/2013	07:20	3	WNW
09/12/2013	07:25	2	WNW
09/12/2013	07:30	0	WSW
09/12/2013	07:35	1	WSW
09/12/2013	07:40	2	W
09/12/2013	07:45	2	W
09/12/2013	07:50	2	WNW
09/12/2013	07:55	3	WNW
09/12/2013	08:00	2	WNW
09/12/2013	08:05	1	SSW
09/12/2013	08:10	2	WSW
09/12/2013	08:15	1	WSW
09/12/2013	08:20	2	SW
09/12/2013	08:25	1	NE
09/12/2013	08:30	3	S
09/12/2013	08:35	2	SSW
09/12/2013	08:40	1	S
09/12/2013	08:45	0	S
09/12/2013	08:50	1	S
09/12/2013	08:55	0	S
09/12/2013	09:00	1	NE
09/12/2013	09:05	2	NE
09/12/2013	09:10	3	NE
09/12/2013	09:15	1	NNE
09/12/2013	09:20	1	NNE
09/12/2013	09:25	1	NNE
09/12/2013	09:30	0	NNE
09/12/2013	09:35	2	NNW
09/12/2013	09:40	2	NNW
09/12/2013	14:20	3	NNW
09/12/2013	14:25	2	NW
09/12/2013	14:30	2	W
09/12/2013	14:35	2	NE
09/12/2013	14:40	4	N
09/12/2013	14:45	4	NNW
09/12/2013	14:50	4	N
09/12/2013	14:55	3	N
09/12/2013	15:00	1	WNW
09/12/2013	15:05	3	N
09/12/2013	15:10	4	NNW
09/12/2013	15:15	5	NNW
09/12/2013	15:20	2	NW
09/12/2013	15:25	3	NNW
09/12/2013	15:30	2	N
09/12/2013	15:35	2	NNW
09/12/2013	15:40	3	WNW
09/12/2013	15:45	2	WNW
09/12/2013	15:50	2	W
09/12/2013	15:55	3	NW
09/12/2013	16:00	1	N
09/12/2013	16:05	3	NW

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
09/12/2013	11:35	6	N
09/12/2013	11:40	5	N
09/12/2013	11:45	5	N
09/12/2013	11:50	5	N
09/12/2013	11:55	6	N
09/12/2013	12:00	6	N
09/12/2013	12:05	6	N
09/12/2013	12:10	6	NNE
09/12/2013	12:15	5	N
09/12/2013	12:20	5	N
09/12/2013	12:25	6	NNW
09/12/2013	12:30	6	N
09/12/2013	12:35	6	N
09/12/2013	12:40	3	N
09/12/2013	12:45	2	N
09/12/2013	12:50	3	WNW
09/12/2013	12:55	1	NNW
09/12/2013	13:00	6	NNW
09/12/2013	13:05	7	NNW
09/12/2013	13:10	8	NNW
09/12/2013	13:15	7	NNW
09/12/2013	13:20	9	NNW
09/12/2013	13:25	5	NNW
09/12/2013	13:30	3	N
09/12/2013	13:35	7	NNW
09/12/2013	13:40	6	NW
09/12/2013	13:45	4	N
09/12/2013	13:50	1	NNW
09/12/2013	13:55	3	WNW
09/12/2013	14:00	2	WNW
09/12/2013	14:05	1	NW
09/12/2013	14:10	3	NNW
09/12/2013	14:15	4	NNW
09/12/2013	18:55	1	W
09/12/2013	19:00	1	SW
09/12/2013	19:05	2	WNW
09/12/2013	19:10	4	WNW
09/12/2013	19:15	2	NW
09/12/2013	19:20	1	W
09/12/2013	19:25	2	WNW
09/12/2013	19:30	1	SSW
09/12/2013	19:35	0	SSW
09/12/2013	19:40	0	---
09/12/2013	19:45	0	---
09/12/2013	19:50	0	---
09/12/2013	19:55	1	W
09/12/2013	20:00	0	S
09/12/2013	20:05	0	---
09/12/2013	20:10	0	---
09/12/2013	20:15	0	---
09/12/2013	20:20	0	---
09/12/2013	20:25	0	---
09/12/2013	20:30	2	WSW
09/12/2013	20:35	2	WSW
09/12/2013	20:40	1	WSW
09/12/2013	20:45	0	WSW

Date	Time	Wind Speed (mph)	Wind Direction
09/12/2013	16:10	2	W
09/12/2013	16:15	1	W
09/12/2013	16:20	2	W
09/12/2013	16:25	1	WNW
09/12/2013	16:30	3	WNW
09/12/2013	16:35	2	WNW
09/12/2013	16:40	3	WNW
09/12/2013	16:45	2	WNW
09/12/2013	16:50	1	WNW
09/12/2013	16:55	1	NW
09/12/2013	17:00	1	NNW
09/12/2013	17:05	0	---
09/12/2013	17:10	0	---
09/12/2013	17:15	2	WNW
09/12/2013	17:20	2	NW
09/12/2013	17:25	1	NW
09/12/2013	17:30	2	WNW
09/12/2013	17:35	2	WNW
09/12/2013	17:40	1	NW
09/12/2013	17:45	1	WNW
09/12/2013	17:50	2	WNW
09/12/2013	17:55	2	WNW
09/12/2013	18:00	2	WNW
09/12/2013	18:05	1	WNW
09/12/2013	18:10	0	NW
09/12/2013	18:15	0	---
09/12/2013	18:20	0	---
09/12/2013	18:25	0	NW
09/12/2013	18:30	0	---
09/12/2013	18:35	0	---
09/12/2013	18:40	0	---
09/12/2013	18:45	0	---
09/12/2013	18:50	2	WNW
09/12/2013	23:30	4	S
09/12/2013	23:35	3	S
09/12/2013	23:40	2	SE
09/12/2013	23:45	2	S
09/12/2013	23:50	2	SSE
09/12/2013	23:55	2	SSE
10/12/2013	00:00	2	SSE
10/12/2013	00:05	1	S
10/12/2013	00:10	1	NW
10/12/2013	00:15	2	NNW
10/12/2013	00:20	2	WNW
10/12/2013	00:25	0	SSW
10/12/2013	00:30	3	E
10/12/2013	00:35	4	E
10/12/2013	00:40	6	ESE
10/12/2013	00:45	3	E
10/12/2013	00:50	3	E
10/12/2013	00:55	3	E
10/12/2013	01:00	5	E
10/12/2013	01:05	4	ESE
10/12/2013	01:10	6	E
10/12/2013	01:15	5	E
10/12/2013	01:20	3	E

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
09/12/2013	20:50	0	---
09/12/2013	20:55	0	---
09/12/2013	21:00	0	---
09/12/2013	21:05	0	---
09/12/2013	21:10	3	SSE
09/12/2013	21:15	4	SSE
09/12/2013	21:20	6	SSE
09/12/2013	21:25	5	SSE
09/12/2013	21:30	5	SSE
09/12/2013	21:35	5	SSE
09/12/2013	21:40	6	SE
09/12/2013	21:45	4	ESE
09/12/2013	21:50	3	ESE
09/12/2013	21:55	1	E
09/12/2013	22:00	1	ESE
09/12/2013	22:05	1	SE
09/12/2013	22:10	2	S
09/12/2013	22:15	2	SSW
09/12/2013	22:20	3	SSE
09/12/2013	22:25	3	SSE
09/12/2013	22:30	1	SE
09/12/2013	22:35	1	ESE
09/12/2013	22:40	1	ESE
09/12/2013	22:45	3	SE
09/12/2013	22:50	2	SSE
09/12/2013	22:55	2	S
09/12/2013	23:00	1	S
09/12/2013	23:05	2	S
09/12/2013	23:10	3	SSE
09/12/2013	23:15	4	SSE
09/12/2013	23:20	4	S
09/12/2013	23:25	3	SSE
10/12/2013	04:05	4	ENE
10/12/2013	04:10	5	ENE
10/12/2013	04:15	5	NE
10/12/2013	04:20	4	NNE
10/12/2013	04:25	2	ENE
10/12/2013	04:30	3	ESE
10/12/2013	04:35	3	SE
10/12/2013	04:40	1	ESE
10/12/2013	04:45	3	ENE
10/12/2013	04:50	1	E
10/12/2013	04:55	2	SSE
10/12/2013	05:00	4	ENE
10/12/2013	05:05	5	NE
10/12/2013	05:10	3	ENE
10/12/2013	05:15	3	SSE
10/12/2013	05:20	3	SSE
10/12/2013	05:25	0	---
10/12/2013	05:30	0	---
10/12/2013	05:35	0	---
10/12/2013	05:40	0	---
10/12/2013	05:45	0	---
10/12/2013	05:50	0	SSW
10/12/2013	05:55	0	---
10/12/2013	06:00	0	---

Date	Time	Wind Speed (mph)	Wind Direction
10/12/2013	01:25	2	ESE
10/12/2013	01:30	4	E
10/12/2013	01:35	3	ESE
10/12/2013	01:40	3	E
10/12/2013	01:45	1	NE
10/12/2013	01:50	1	ENE
10/12/2013	01:55	3	ENE
10/12/2013	02:00	5	E
10/12/2013	02:05	3	E
10/12/2013	02:10	3	E
10/12/2013	02:15	5	E
10/12/2013	02:20	2	ESE
10/12/2013	02:25	4	ESE
10/12/2013	02:30	2	ESE
10/12/2013	02:35	1	E
10/12/2013	02:40	0	NE
10/12/2013	02:45	2	ENE
10/12/2013	02:50	4	E
10/12/2013	02:55	5	E
10/12/2013	03:00	4	E
10/12/2013	03:05	4	E
10/12/2013	03:10	3	E
10/12/2013	03:15	4	NE
10/12/2013	03:20	6	ENE
10/12/2013	03:25	5	E
10/12/2013	03:30	3	E
10/12/2013	03:35	3	ENE
10/12/2013	03:40	3	ENE
10/12/2013	03:45	2	ENE
10/12/2013	03:50	2	ENE
10/12/2013	03:55	5	E
10/12/2013	04:00	3	E
10/12/2013	08:40	4	E
10/12/2013	08:45	2	E
10/12/2013	08:50	2	ESE
10/12/2013	08:55	2	ESE
10/12/2013	09:00	2	ENE
10/12/2013	09:05	4	E
10/12/2013	09:10	3	E
10/12/2013	09:15	3	E
10/12/2013	09:20	3	E
10/12/2013	09:25	3	ENE
10/12/2013	09:30	2	E
10/12/2013	09:35	2	ENE
10/12/2013	09:40	3	E
10/12/2013	09:45	2	E
10/12/2013	09:50	2	SSE
10/12/2013	09:55	2	SE
10/12/2013	10:00	3	ESE
10/12/2013	10:05	2	ESE
10/12/2013	10:10	2	ESE
10/12/2013	10:15	1	E
10/12/2013	10:20	0	E
10/12/2013	10:25	0	E
10/12/2013	10:30	0	SE
10/12/2013	10:35	0	---

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
10/12/2013	06:05	0	---
10/12/2013	06:10	0	---
10/12/2013	06:15	0	---
10/12/2013	06:20	0	---
10/12/2013	06:25	0	---
10/12/2013	06:30	0	ESE
10/12/2013	06:35	3	E
10/12/2013	06:40	2	E
10/12/2013	06:45	4	E
10/12/2013	06:50	1	E
10/12/2013	06:55	1	SSE
10/12/2013	07:00	0	---
10/12/2013	07:05	0	SE
10/12/2013	07:10	1	SE
10/12/2013	07:15	3	E
10/12/2013	07:20	5	E
10/12/2013	07:25	4	E
10/12/2013	07:30	5	E
10/12/2013	07:35	4	E
10/12/2013	07:40	1	SE
10/12/2013	07:45	2	E
10/12/2013	07:50	2	ENE
10/12/2013	07:55	1	ESE
10/12/2013	08:00	3	E
10/12/2013	08:05	2	ESE
10/12/2013	08:10	2	E
10/12/2013	08:15	4	ESE
10/12/2013	08:20	5	E
10/12/2013	08:25	5	E
10/12/2013	08:30	6	ENE
10/12/2013	08:35	5	ENE
10/12/2013	13:15	2	NE
10/12/2013	13:20	3	ENE
10/12/2013	13:25	4	ENE
10/12/2013	13:30	2	ENE
10/12/2013	13:35	3	NE
10/12/2013	13:40	2	NE
10/12/2013	13:45	2	NNE
10/12/2013	13:50	3	ENE
10/12/2013	13:55	2	NE
10/12/2013	14:00	2	ENE
10/12/2013	14:05	3	ENE
10/12/2013	14:10	6	NNW
10/12/2013	14:15	5	NNW
10/12/2013	14:20	4	NNW
10/12/2013	14:25	3	NW
10/12/2013	14:30	3	N
10/12/2013	14:35	2	WNW
10/12/2013	14:40	2	NE
10/12/2013	14:45	4	NE
10/12/2013	14:50	3	NNE
10/12/2013	14:55	1	NNE
10/12/2013	15:00	2	NNW
10/12/2013	15:05	1	NNE
10/12/2013	15:10	1	NNW
10/12/2013	15:15	3	E
10/12/2013	10:40	0	---
10/12/2013	10:45	0	---
10/12/2013	10:50	0	---
10/12/2013	10:55	2	E
10/12/2013	11:00	1	E
10/12/2013	11:05	2	ENE
10/12/2013	11:10	1	SSE
10/12/2013	11:15	1	SSE
10/12/2013	11:20	2	SSE
10/12/2013	11:25	3	E
10/12/2013	11:30	3	E
10/12/2013	11:35	2	ESE
10/12/2013	11:40	2	E
10/12/2013	11:45	3	ENE
10/12/2013	11:50	2	E
10/12/2013	11:55	2	ENE
10/12/2013	12:00	3	E
10/12/2013	12:05	2	E
10/12/2013	12:10	2	E
10/12/2013	12:15	2	E
10/12/2013	12:20	2	E
10/12/2013	12:25	2	NNE
10/12/2013	12:30	2	NE
10/12/2013	12:35	2	ENE
10/12/2013	12:40	1	NE
10/12/2013	12:45	1	NNE
10/12/2013	12:50	0	---
10/12/2013	12:55	1	N
10/12/2013	13:00	0	NE
10/12/2013	13:05	0	ESE
10/12/2013	13:10	2	ENE
10/12/2013	17:50	4	SSE
10/12/2013	17:55	5	SSE
10/12/2013	18:00	4	SSE
10/12/2013	18:05	4	SSE
10/12/2013	18:10	3	SE
10/12/2013	18:15	5	SSE
10/12/2013	18:20	3	SSE
10/12/2013	18:25	4	SSE
10/12/2013	18:30	5	SSE
10/12/2013	18:35	4	SSE
10/12/2013	18:40	5	SSE
10/12/2013	18:45	4	SSE
10/12/2013	18:50	5	SSE
10/12/2013	18:55	2	SE
10/12/2013	19:00	3	ESE
10/12/2013	19:05	4	E
10/12/2013	19:10	3	E
10/12/2013	19:15	1	ENE
10/12/2013	19:20	0	NNE
10/12/2013	19:25	1	ESE
10/12/2013	19:30	3	SSE
10/12/2013	19:35	4	SE
10/12/2013	19:40	4	SSE
10/12/2013	19:45	4	SSE
10/12/2013	19:50	9	SE

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
10/12/2013	15:20	6	SSE
10/12/2013	15:25	7	SSE
10/12/2013	15:30	5	SSE
10/12/2013	15:35	6	SSE
10/12/2013	15:40	5	SSE
10/12/2013	15:45	7	SSE
10/12/2013	15:50	4	S
10/12/2013	15:55	3	SSE
10/12/2013	16:00	1	SW
10/12/2013	16:05	4	SSE
10/12/2013	16:10	4	SSE
10/12/2013	16:15	2	S
10/12/2013	16:20	3	SSE
10/12/2013	16:25	6	SSE
10/12/2013	16:30	3	SSW
10/12/2013	16:35	2	SE
10/12/2013	16:40	1	E
10/12/2013	16:45	4	SSE
10/12/2013	16:50	5	SSE
10/12/2013	16:55	4	SSE
10/12/2013	17:00	5	S
10/12/2013	17:05	2	SSE
10/12/2013	17:10	3	S
10/12/2013	17:15	4	SSE
10/12/2013	17:20	4	SSE
10/12/2013	17:25	4	S
10/12/2013	17:30	4	SSE
10/12/2013	17:35	4	SSE
10/12/2013	17:40	5	SSE
10/12/2013	17:45	5	SSE
10/12/2013	22:25	3	SE
10/12/2013	22:30	4	SE
10/12/2013	22:35	4	SSE
10/12/2013	22:40	4	SSE
10/12/2013	22:45	4	SSE
10/12/2013	22:50	5	SSE
10/12/2013	22:55	4	SSE
10/12/2013	23:00	4	SSE
10/12/2013	23:05	5	SSE
10/12/2013	23:10	4	SE
10/12/2013	23:15	4	SSE
10/12/2013	23:20	5	SE
10/12/2013	23:25	5	SSE
10/12/2013	23:30	5	SSE
10/12/2013	23:35	5	SE
10/12/2013	23:40	4	SSE
10/12/2013	23:45	4	SSE
10/12/2013	23:50	4	SSE
10/12/2013	23:55	4	SE
11/12/2013	00:00	4	SE
11/12/2013	00:05	4	SE
11/12/2013	00:10	4	SE
11/12/2013	00:15	3	SE
11/12/2013	00:20	4	SE
11/12/2013	00:25	4	SE
11/12/2013	00:30	4	SE

Date	Time	Wind Speed (mph)	Wind Direction
10/12/2013	19:55	4	SSE
10/12/2013	20:00	7	SE
10/12/2013	20:05	6	SSE
10/12/2013	20:10	7	SSE
10/12/2013	20:15	7	SE
10/12/2013	20:20	7	SSE
10/12/2013	20:25	7	SSE
10/12/2013	20:30	7	SSE
10/12/2013	20:35	7	SSE
10/12/2013	20:40	6	SSE
10/12/2013	20:45	4	SSE
10/12/2013	20:50	4	SE
10/12/2013	20:55	4	SE
10/12/2013	21:00	4	SE
10/12/2013	21:05	4	SE
10/12/2013	21:10	5	SSE
10/12/2013	21:15	5	SSE
10/12/2013	21:20	5	SSE
10/12/2013	21:25	5	SSE
10/12/2013	21:30	3	SSE
10/12/2013	21:35	3	SSE
10/12/2013	21:40	2	SE
10/12/2013	21:45	4	SE
10/12/2013	21:50	4	SE
10/12/2013	21:55	3	SE
10/12/2013	22:00	3	SE
10/12/2013	22:05	4	SE
10/12/2013	22:10	3	SE
10/12/2013	22:15	0	SSE
10/12/2013	22:20	2	SE
11/12/2013	03:00	3	SE
11/12/2013	03:05	4	SE
11/12/2013	03:10	2	SSE
11/12/2013	03:15	3	SSE
11/12/2013	03:20	0	S
11/12/2013	03:25	3	SSE
11/12/2013	03:30	3	SSE
11/12/2013	03:35	2	ESE
11/12/2013	03:40	4	SE
11/12/2013	03:45	2	ESE
11/12/2013	03:50	2	ESE
11/12/2013	03:55	4	SE
11/12/2013	04:00	3	SE
11/12/2013	04:05	2	SE
11/12/2013	04:10	3	SSE
11/12/2013	04:15	4	SE
11/12/2013	04:20	3	SE
11/12/2013	04:25	3	ESE
11/12/2013	04:30	4	SE
11/12/2013	04:35	4	SE
11/12/2013	04:40	5	SE
11/12/2013	04:45	4	SE
11/12/2013	04:50	4	SE
11/12/2013	04:55	4	SE
11/12/2013	05:00	4	SE
11/12/2013	05:05	2	SSE

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
11/12/2013	00:35	4	SSE
11/12/2013	00:40	4	SSE
11/12/2013	00:45	3	SE
11/12/2013	00:50	3	SSE
11/12/2013	00:55	3	SSE
11/12/2013	01:00	3	SSE
11/12/2013	01:05	4	SSE
11/12/2013	01:10	4	SE
11/12/2013	01:15	6	SSE
11/12/2013	01:20	4	SSE
11/12/2013	01:25	5	SSE
11/12/2013	01:30	4	SSE
11/12/2013	01:35	3	SSE
11/12/2013	01:40	3	SSE
11/12/2013	01:45	3	SSE
11/12/2013	01:50	4	SSE
11/12/2013	01:55	4	SSE
11/12/2013	02:00	4	SSE
11/12/2013	02:05	4	SSE
11/12/2013	02:10	4	SSE
11/12/2013	02:15	4	SSE
11/12/2013	02:20	4	SSE
11/12/2013	02:25	5	SSE
11/12/2013	02:30	4	SSE
11/12/2013	02:35	4	SSE
11/12/2013	02:40	3	SE
11/12/2013	02:45	3	SSE
11/12/2013	02:50	3	SE
11/12/2013	02:55	4	SSE
11/12/2013	07:35	4	SE
11/12/2013	07:40	4	SSE
11/12/2013	07:45	5	SE
11/12/2013	07:50	4	SE
11/12/2013	07:55	5	ESE
11/12/2013	08:00	4	ESE
11/12/2013	08:05	4	E
11/12/2013	08:10	5	ESE
11/12/2013	08:15	5	ESE
11/12/2013	08:20	5	SE
11/12/2013	08:25	5	SE
11/12/2013	08:30	5	ESE
11/12/2013	08:35	5	ESE
11/12/2013	08:40	3	SE
11/12/2013	08:45	4	SE
11/12/2013	08:50	5	SSE
11/12/2013	08:55	5	SE
11/12/2013	09:00	4	SSE
11/12/2013	09:05	4	ESE
11/12/2013	09:10	6	E
11/12/2013	09:15	6	E
11/12/2013	09:20	7	E
11/12/2013	09:25	9	E
11/12/2013	09:30	5	SE
11/12/2013	09:35	5	SE
11/12/2013	09:40	5	SE
11/12/2013	09:45	5	SSE

Date	Time	Wind Speed (mph)	Wind Direction
11/12/2013	05:10	3	SE
11/12/2013	05:15	3	SE
11/12/2013	05:20	3	SE
11/12/2013	05:25	2	SE
11/12/2013	05:30	4	ESE
11/12/2013	05:35	4	ESE
11/12/2013	05:40	3	ESE
11/12/2013	05:45	3	SE
11/12/2013	05:50	3	SE
11/12/2013	05:55	5	ESE
11/12/2013	06:00	2	ESE
11/12/2013	06:05	3	SSE
11/12/2013	06:10	3	SE
11/12/2013	06:15	2	SSE
11/12/2013	06:20	3	SE
11/12/2013	06:25	3	SE
11/12/2013	06:30	3	SE
11/12/2013	06:35	3	SSE
11/12/2013	06:40	4	SSE
11/12/2013	06:45	4	SE
11/12/2013	06:50	5	SE
11/12/2013	06:55	5	SE
11/12/2013	07:00	4	SE
11/12/2013	07:05	5	SE
11/12/2013	07:10	4	SE
11/12/2013	07:15	4	SE
11/12/2013	07:20	4	SE
11/12/2013	07:25	4	SE
11/12/2013	07:30	3	SSE
11/12/2013	12:10	2	ENE
11/12/2013	12:15	4	E
11/12/2013	12:20	3	E
11/12/2013	12:25	4	E
11/12/2013	12:30	4	E
11/12/2013	12:35	4	E
11/12/2013	12:40	4	E
11/12/2013	12:45	3	SE
11/12/2013	12:50	4	E
11/12/2013	12:55	3	ENE
11/12/2013	13:00	4	E
11/12/2013	13:05	5	E
11/12/2013	13:10	4	E
11/12/2013	13:15	4	E
11/12/2013	13:20	3	E
11/12/2013	13:25	3	E
11/12/2013	13:30	2	E
11/12/2013	13:35	4	ENE
11/12/2013	13:40	3	E
11/12/2013	13:45	4	E
11/12/2013	13:50	3	ENE
11/12/2013	13:55	5	E
11/12/2013	14:00	3	E
11/12/2013	14:05	4	E
11/12/2013	14:10	4	E
11/12/2013	14:15	3	E
11/12/2013	14:20	4	ENE

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
11/12/2013	09:50	6	ESE
11/12/2013	09:55	4	ESE
11/12/2013	10:00	4	SE
11/12/2013	10:05	4	SSE
11/12/2013	10:10	5	SE
11/12/2013	10:15	5	SSE
11/12/2013	10:20	5	SSE
11/12/2013	10:25	5	SSE
11/12/2013	10:30	6	SE
11/12/2013	10:35	4	SE
11/12/2013	10:40	4	SE
11/12/2013	10:45	6	E
11/12/2013	10:50	4	E
11/12/2013	10:55	7	E
11/12/2013	11:00	7	E
11/12/2013	11:05	3	SE
11/12/2013	11:10	4	ESE
11/12/2013	11:15	4	SE
11/12/2013	11:20	6	SE
11/12/2013	11:25	6	E
11/12/2013	11:30	3	ESE
11/12/2013	11:35	3	SSE
11/12/2013	11:40	4	SE
11/12/2013	11:45	3	E
11/12/2013	11:50	4	E
11/12/2013	11:55	3	ESE
11/12/2013	12:00	3	E
11/12/2013	12:05	3	E
11/12/2013	16:45	4	SE
11/12/2013	16:50	5	ESE
11/12/2013	16:55	5	SE
11/12/2013	17:00	4	SE
11/12/2013	17:05	5	SE
11/12/2013	17:10	5	SE
11/12/2013	17:15	5	SSE
11/12/2013	17:20	3	SE
11/12/2013	17:25	3	SE
11/12/2013	17:30	3	ESE
11/12/2013	17:35	3	SE
11/12/2013	17:40	3	SE
11/12/2013	17:45	3	ESE
11/12/2013	17:50	4	SE
11/12/2013	17:55	3	SSE
11/12/2013	18:00	3	SE
11/12/2013	18:05	3	SE
11/12/2013	18:10	3	SSE
11/12/2013	18:15	4	SE
11/12/2013	18:20	3	SSE
11/12/2013	18:25	4	SE
11/12/2013	18:30	3	SSE
11/12/2013	18:35	3	SSE
11/12/2013	18:40	3	SE
11/12/2013	18:45	4	SE
11/12/2013	18:50	3	ESE
11/12/2013	18:55	5	SE
11/12/2013	19:00	5	SE

Date	Time	Wind Speed (mph)	Wind Direction
11/12/2013	14:25	5	E
11/12/2013	14:30	3	E
11/12/2013	14:35	3	E
11/12/2013	14:40	3	E
11/12/2013	14:45	4	E
11/12/2013	14:50	3	ENE
11/12/2013	14:55	4	ENE
11/12/2013	15:00	4	ENE
11/12/2013	15:05	3	NE
11/12/2013	15:10	4	ENE
11/12/2013	15:15	4	E
11/12/2013	15:20	5	E
11/12/2013	15:25	5	E
11/12/2013	15:30	4	ENE
11/12/2013	15:35	4	E
11/12/2013	15:40	4	E
11/12/2013	15:45	6	ESE
11/12/2013	15:50	6	E
11/12/2013	15:55	7	E
11/12/2013	16:00	6	E
11/12/2013	16:05	7	E
11/12/2013	16:10	5	E
11/12/2013	16:15	6	E
11/12/2013	16:20	5	E
11/12/2013	16:25	4	E
11/12/2013	16:30	5	ESE
11/12/2013	16:35	4	SE
11/12/2013	16:40	6	E
11/12/2013	21:20	3	SE
11/12/2013	21:25	3	ESE
11/12/2013	21:30	2	ESE
11/12/2013	21:35	3	ESE
11/12/2013	21:40	3	ESE
11/12/2013	21:45	3	ESE
11/12/2013	21:50	2	SSE
11/12/2013	21:55	2	SSE
11/12/2013	22:00	1	S
11/12/2013	22:05	2	SE
11/12/2013	22:10	3	ESE
11/12/2013	22:15	3	ESE
11/12/2013	22:20	2	ENE
11/12/2013	22:25	2	SSE
11/12/2013	22:30	3	SE
11/12/2013	22:35	3	SE
11/12/2013	22:40	3	SE
11/12/2013	22:45	3	SE
11/12/2013	22:50	3	SE
11/12/2013	22:55	5	SE
11/12/2013	23:00	4	SE
11/12/2013	23:05	5	SE
11/12/2013	23:10	4	SE
11/12/2013	23:15	4	SE
11/12/2013	23:20	3	SSE
11/12/2013	23:25	2	SE
11/12/2013	23:30	3	SE
11/12/2013	23:35	3	SE

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
11/12/2013	19:05	4	SSE
11/12/2013	19:10	5	SE
11/12/2013	19:15	7	SE
11/12/2013	19:20	5	SE
11/12/2013	19:25	4	SE
11/12/2013	19:30	5	SE
11/12/2013	19:35	4	SE
11/12/2013	19:40	4	SE
11/12/2013	19:45	5	SSE
11/12/2013	19:50	4	SE
11/12/2013	19:55	5	SE
11/12/2013	20:00	3	SSE
11/12/2013	20:05	1	SSE
11/12/2013	20:10	1	SSE
11/12/2013	20:15	1	E
11/12/2013	20:20	3	SE
11/12/2013	20:25	3	SSE
11/12/2013	20:30	2	SSE
11/12/2013	20:35	2	SE
11/12/2013	20:40	2	SE
11/12/2013	20:45	2	SE
11/12/2013	20:50	3	SE
11/12/2013	20:55	3	ESE
11/12/2013	21:00	2	SE
11/12/2013	21:05	3	SE
11/12/2013	21:10	3	SE
11/12/2013	21:15	2	SE
12/12/2013	01:55	3	SSE
12/12/2013	02:00	4	SSE
12/12/2013	02:05	4	SE
12/12/2013	02:10	4	SSE
12/12/2013	02:15	4	SSE
12/12/2013	02:20	5	SSE
12/12/2013	02:25	4	SE
12/12/2013	02:30	4	ESE
12/12/2013	02:35	5	ESE
12/12/2013	02:40	6	ESE
12/12/2013	02:45	5	ESE
12/12/2013	02:50	4	E
12/12/2013	02:55	4	ESE
12/12/2013	03:00	5	ESE
12/12/2013	03:05	5	SE
12/12/2013	03:10	6	SE
12/12/2013	03:15	4	SSE
12/12/2013	03:20	7	SE
12/12/2013	03:25	5	SSE
12/12/2013	03:30	2	SE
12/12/2013	03:35	5	SE
12/12/2013	03:40	5	SE
12/12/2013	03:45	5	ESE
12/12/2013	03:50	5	ESE
12/12/2013	03:55	5	E
12/12/2013	04:00	4	ESE
12/12/2013	04:05	4	SE
12/12/2013	04:10	4	SE
12/12/2013	04:15	4	SE

Date	Time	Wind Speed (mph)	Wind Direction
11/12/2013	23:40	1	SSE
11/12/2013	23:45	2	SE
11/12/2013	23:50	2	ESE
11/12/2013	23:55	1	SE
12/12/2013	00:00	3	SE
12/12/2013	00:05	1	E
12/12/2013	00:10	0	---
12/12/2013	00:15	0	---
12/12/2013	00:20	0	---
12/12/2013	00:25	1	ESE
12/12/2013	00:30	3	ESE
12/12/2013	00:35	8	ESE
12/12/2013	00:40	8	SE
12/12/2013	00:45	6	SE
12/12/2013	00:50	6	SSE
12/12/2013	00:55	4	SSE
12/12/2013	01:00	6	SSE
12/12/2013	01:05	4	SE
12/12/2013	01:10	8	SE
12/12/2013	01:15	5	SSE
12/12/2013	01:20	7	ESE
12/12/2013	01:25	7	SSE
12/12/2013	01:30	6	SSE
12/12/2013	01:35	4	SSE
12/12/2013	01:40	4	SE
12/12/2013	01:45	3	SSE
12/12/2013	01:50	4	SSE
12/12/2013	06:30	6	E
12/12/2013	06:35	3	E
12/12/2013	06:40	6	E
12/12/2013	06:45	4	ESE
12/12/2013	06:50	5	SE
12/12/2013	06:55	5	SE
12/12/2013	07:00	5	ESE
12/12/2013	07:05	5	ESE
12/12/2013	07:10	5	SE
12/12/2013	07:15	4	SE
12/12/2013	07:20	6	SSE
12/12/2013	07:25	6	SSE
12/12/2013	07:30	4	SE
12/12/2013	07:35	3	SE
12/12/2013	07:40	5	SE
12/12/2013	07:45	5	S
12/12/2013	07:50	2	S
12/12/2013	07:55	4	SE
12/12/2013	08:00	4	SE
12/12/2013	08:05	3	SSE
12/12/2013	08:10	3	SE
12/12/2013	08:15	4	SE
12/12/2013	08:20	2	SSE
12/12/2013	08:25	4	ESE
12/12/2013	08:30	3	SE
12/12/2013	08:35	3	SE
12/12/2013	08:40	3	ESE
12/12/2013	08:45	4	E
12/12/2013	08:50	5	E

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
12/12/2013	04:20	4	ESE
12/12/2013	04:25	6	ESE
12/12/2013	04:30	6	ESE
12/12/2013	04:35	9	E
12/12/2013	04:40	8	E
12/12/2013	04:45	7	E
12/12/2013	04:50	8	E
12/12/2013	04:55	7	ESE
12/12/2013	05:00	6	ESE
12/12/2013	05:05	7	SE
12/12/2013	05:10	6	SE
12/12/2013	05:15	6	SE
12/12/2013	05:20	5	SE
12/12/2013	05:25	5	SE
12/12/2013	05:30	4	SE
12/12/2013	05:35	4	SE
12/12/2013	05:40	6	SE
12/12/2013	05:45	5	SE
12/12/2013	05:50	6	SE
12/12/2013	05:55	6	ESE
12/12/2013	06:00	4	SE
12/12/2013	06:05	5	ESE
12/12/2013	06:10	6	SE
12/12/2013	06:15	6	ESE
12/12/2013	06:20	4	SE
12/12/2013	06:25	8	E
12/12/2013	11:05	5	E
12/12/2013	11:10	6	E
12/12/2013	11:15	4	ESE
12/12/2013	11:20	4	E
12/12/2013	11:25	4	E
12/12/2013	11:30	4	ESE
12/12/2013	11:35	6	SE
12/12/2013	11:40	5	ESE
12/12/2013	11:45	7	ESE
12/12/2013	11:50	5	SE
12/12/2013	11:55	6	SSE
12/12/2013	12:00	4	SE
12/12/2013	12:05	7	SSE
12/12/2013	12:10	3	SE
12/12/2013	12:15	4	SE
12/12/2013	12:20	6	SSE
12/12/2013	12:25	6	SSE
12/12/2013	12:30	4	SSE
12/12/2013	12:35	5	SE
12/12/2013	12:40	4	ESE
12/12/2013	12:45	4	SSE
12/12/2013	12:50	4	SSE
12/12/2013	12:55	6	SSE
12/12/2013	13:00	4	SSE
12/12/2013	13:05	6	SSE
12/12/2013	13:10	3	SSW
12/12/2013	13:15	5	SE
12/12/2013	13:20	4	SSE
12/12/2013	13:25	5	SSE
12/12/2013	13:30	4	SSE

Date	Time	Wind Speed (mph)	Wind Direction
12/12/2013	08:55	4	E
12/12/2013	09:00	4	ESE
12/12/2013	09:05	6	E
12/12/2013	09:10	4	SE
12/12/2013	09:15	4	ENE
12/12/2013	09:20	5	E
12/12/2013	09:25	4	S
12/12/2013	09:30	4	ESE
12/12/2013	09:35	4	E
12/12/2013	09:40	4	E
12/12/2013	09:45	3	ENE
12/12/2013	09:50	3	E
12/12/2013	09:55	5	E
12/12/2013	10:00	4	E
12/12/2013	10:05	4	E
12/12/2013	10:10	5	E
12/12/2013	10:15	4	E
12/12/2013	10:20	5	E
12/12/2013	10:25	5	E
12/12/2013	10:30	5	E
12/12/2013	10:35	4	E
12/12/2013	10:40	4	E
12/12/2013	10:45	4	E
12/12/2013	10:50	5	E
12/12/2013	10:55	5	E
12/12/2013	11:00	6	E
12/12/2013	15:40	4	SE
12/12/2013	15:45	4	SSE
12/12/2013	15:50	3	SSE
12/12/2013	15:55	2	WSW
12/12/2013	16:00	2	SSE
12/12/2013	16:05	4	W
12/12/2013	16:10	2	SSE
12/12/2013	16:15	4	S
12/12/2013	16:20	3	SSE
12/12/2013	16:25	4	SSE
12/12/2013	16:30	3	SSE
12/12/2013	16:35	3	S
12/12/2013	16:40	4	SSE
12/12/2013	16:45	4	SE
12/12/2013	16:50	3	SSE
12/12/2013	16:55	4	SSE
12/12/2013	17:00	6	SSE
12/12/2013	17:05	5	SSE
12/12/2013	17:10	5	SSE
12/12/2013	17:15	5	SE
12/12/2013	17:20	5	SSE
12/12/2013	17:25	5	SE
12/12/2013	17:30	4	SE
12/12/2013	17:35	4	SE
12/12/2013	17:40	4	SE
12/12/2013	17:45	5	SSE
12/12/2013	17:50	6	SE
12/12/2013	17:55	6	SE
12/12/2013	18:00	5	ESE
12/12/2013	18:05	4	SE

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
12/12/2013	13:35	4	SSE
12/12/2013	13:40	5	SSE
12/12/2013	13:45	6	SSE
12/12/2013	13:50	5	SSE
12/12/2013	13:55	4	S
12/12/2013	14:00	2	SSW
12/12/2013	14:05	2	S
12/12/2013	14:10	2	WNW
12/12/2013	14:15	4	SE
12/12/2013	14:20	5	SSE
12/12/2013	14:25	4	SSE
12/12/2013	14:30	1	ESE
12/12/2013	14:35	3	SSE
12/12/2013	14:40	3	SSE
12/12/2013	14:45	3	SSE
12/12/2013	14:50	4	SSE
12/12/2013	14:55	3	SSE
12/12/2013	15:00	4	SW
12/12/2013	15:05	4	S
12/12/2013	15:10	4	S
12/12/2013	15:15	4	SSE
12/12/2013	15:20	2	S
12/12/2013	15:25	2	SSE
12/12/2013	15:30	2	WSW
12/12/2013	15:35	3	SSE
12/12/2013	20:15	6	S
12/12/2013	20:20	7	SSE
12/12/2013	20:25	6	SSE
12/12/2013	20:30	8	SSE
12/12/2013	20:35	7	SSE
12/12/2013	20:40	7	SE
12/12/2013	20:45	8	SSE
12/12/2013	20:50	8	SSE
12/12/2013	20:55	8	SSE
12/12/2013	21:00	7	SSE
12/12/2013	21:05	7	SSE
12/12/2013	21:10	6	SSE
12/12/2013	21:15	6	SSE
12/12/2013	21:20	6	SSE
12/12/2013	21:25	6	SSE
12/12/2013	21:30	7	SSE
12/12/2013	21:35	6	SSE
12/12/2013	21:40	5	SSE
12/12/2013	21:45	6	SSE
12/12/2013	21:50	5	SSE
12/12/2013	21:55	4	SSE
12/12/2013	22:00	4	SSE
12/12/2013	22:05	6	SSE
12/12/2013	22:10	7	SSE
12/12/2013	22:15	7	SSE
12/12/2013	22:20	7	SSE
12/12/2013	22:25	7	SSE
12/12/2013	22:30	7	SSE
12/12/2013	22:35	7	SSE
12/12/2013	22:40	8	SSE
12/12/2013	22:45	7	SSE

Date	Time	Wind Speed (mph)	Wind Direction
12/12/2013	18:10	4	SE
12/12/2013	18:15	4	SSE
12/12/2013	18:20	4	SSE
12/12/2013	18:25	3	SE
12/12/2013	18:30	6	SE
12/12/2013	18:35	4	ESE
12/12/2013	18:40	5	SSE
12/12/2013	18:45	3	SSE
12/12/2013	18:50	4	SE
12/12/2013	18:55	4	SSE
12/12/2013	19:00	2	ESE
12/12/2013	19:05	4	SE
12/12/2013	19:10	3	SE
12/12/2013	19:15	4	SE
12/12/2013	19:20	3	SSE
12/12/2013	19:25	5	SSE
12/12/2013	19:30	6	SSE
12/12/2013	19:35	6	SSE
12/12/2013	19:40	6	SSE
12/12/2013	19:45	5	SSE
12/12/2013	19:50	7	SSE
12/12/2013	19:55	8	SSE
12/12/2013	20:00	7	SSE
12/12/2013	20:05	7	SSE
12/12/2013	20:10	7	SSE
13/12/2013	00:50	10	SE
13/12/2013	00:55	10	SE
13/12/2013	01:00	9	SE
13/12/2013	01:05	9	SE
13/12/2013	01:10	7	SE
13/12/2013	01:15	7	SE
13/12/2013	01:20	6	SE
13/12/2013	01:25	6	SE
13/12/2013	01:30	6	SE
13/12/2013	01:35	4	SE
13/12/2013	01:40	5	SE
13/12/2013	01:45	6	SE
13/12/2013	01:50	6	ESE
13/12/2013	01:55	5	SE
13/12/2013	02:00	3	ESE
13/12/2013	02:05	3	ESE
13/12/2013	02:10	3	ESE
13/12/2013	02:15	2	ESE
13/12/2013	02:20	2	ESE
13/12/2013	02:25	3	E
13/12/2013	02:30	2	ESE
13/12/2013	02:35	2	E
13/12/2013	02:40	1	NE
13/12/2013	02:45	2	E
13/12/2013	02:50	2	ESE
13/12/2013	02:55	0	ESE
13/12/2013	03:00	0	---
13/12/2013	03:05	4	N
13/12/2013	03:10	4	NNE
13/12/2013	03:15	4	N
13/12/2013	03:20	5	NNE

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
12/12/2013	22:50	7	SSE
12/12/2013	22:55	6	SE
12/12/2013	23:00	5	SE
12/12/2013	23:05	6	ESE
12/12/2013	23:10	4	ESE
12/12/2013	23:15	6	ESE
12/12/2013	23:20	9	SE
12/12/2013	23:25	7	SE
12/12/2013	23:30	6	SSE
12/12/2013	23:35	7	SE
12/12/2013	23:40	8	SE
12/12/2013	23:45	9	SE
12/12/2013	23:50	10	SE
12/12/2013	23:55	9	SSE
13/12/2013	00:00	9	SE
13/12/2013	00:05	7	ESE
13/12/2013	00:10	7	SE
13/12/2013	00:15	10	SE
13/12/2013	00:20	12	SE
13/12/2013	00:25	12	SE
13/12/2013	00:30	10	SSE
13/12/2013	00:35	10	SE
13/12/2013	00:40	9	SE
13/12/2013	00:45	11	SE
13/12/2013	05:25	1	E
13/12/2013	05:30	3	E
13/12/2013	05:35	3	E
13/12/2013	05:40	2	E
13/12/2013	05:45	2	E
13/12/2013	05:50	1	SE
13/12/2013	05:55	1	SE
13/12/2013	06:00	2	SE
13/12/2013	06:05	2	SSE
13/12/2013	06:10	2	SE
13/12/2013	06:15	1	SE
13/12/2013	06:20	0	---
13/12/2013	06:25	0	---
13/12/2013	06:30	0	---
13/12/2013	06:35	0	---
13/12/2013	06:40	0	---
13/12/2013	06:45	0	---
13/12/2013	06:50	0	---
13/12/2013	06:55	0	---
13/12/2013	07:00	0	---
13/12/2013	07:05	0	---
13/12/2013	07:10	0	---
13/12/2013	07:15	0	---
13/12/2013	07:20	0	---
13/12/2013	07:25	0	---
13/12/2013	07:30	0	---
13/12/2013	07:35	0	---
13/12/2013	07:40	0	---
13/12/2013	07:45	0	---
13/12/2013	07:50	0	---
13/12/2013	07:55	0	---
13/12/2013	08:00	0	---

Date	Time	Wind Speed (mph)	Wind Direction
13/12/2013	03:25	4	NNE
13/12/2013	03:30	5	NNE
13/12/2013	03:35	4	NNE
13/12/2013	03:40	3	N
13/12/2013	03:45	2	N
13/12/2013	03:50	3	NE
13/12/2013	03:55	2	NNE
13/12/2013	04:00	2	N
13/12/2013	04:05	2	NNE
13/12/2013	04:10	1	NNE
13/12/2013	04:15	2	NE
13/12/2013	04:20	1	NE
13/12/2013	04:25	2	NNE
13/12/2013	04:30	1	NNE
13/12/2013	04:35	2	NE
13/12/2013	04:40	3	NE
13/12/2013	04:45	4	ENE
13/12/2013	04:50	5	NE
13/12/2013	04:55	5	NE
13/12/2013	05:00	4	NE
13/12/2013	05:05	4	NE
13/12/2013	05:10	3	NE
13/12/2013	05:15	3	NE
13/12/2013	05:20	3	NE
13/12/2013	10:00	0	---
13/12/2013	10:05	0	---
13/12/2013	10:10	3	N
13/12/2013	10:15	4	N
13/12/2013	10:20	4	N
13/12/2013	10:25	4	NNE
13/12/2013	10:30	3	N
13/12/2013	10:35	2	N
13/12/2013	10:40	0	N
13/12/2013	10:45	1	NNE
13/12/2013	10:50	2	NE
13/12/2013	10:55	1	ENE
13/12/2013	11:00	1	E
13/12/2013	11:05	2	NE
13/12/2013	11:10	1	NE
13/12/2013	11:15	0	NE
13/12/2013	11:20	0	---
13/12/2013	11:25	0	---
13/12/2013	11:30	1	E
13/12/2013	11:35	2	ENE
13/12/2013	11:40	2	E
13/12/2013	11:45	2	ENE
13/12/2013	11:50	1	E
13/12/2013	11:55	0	SE
13/12/2013	12:00	2	SE
13/12/2013	12:05	1	S
13/12/2013	12:10	0	---
13/12/2013	12:15	0	---
13/12/2013	12:20	0	---
13/12/2013	12:25	0	---
13/12/2013	12:30	0	---
13/12/2013	12:35	0	---

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
13/12/2013	08:05	0	---
13/12/2013	08:10	0	---
13/12/2013	08:15	0	---
13/12/2013	08:20	1	NE
13/12/2013	08:25	0	NNE
13/12/2013	08:30	0	NNE
13/12/2013	08:35	0	NE
13/12/2013	08:40	0	---
13/12/2013	08:45	0	---
13/12/2013	08:50	0	---
13/12/2013	08:55	1	E
13/12/2013	09:00	3	ESE
13/12/2013	09:05	3	SE
13/12/2013	09:10	3	SE
13/12/2013	09:15	3	SE
13/12/2013	09:20	2	ESE
13/12/2013	09:25	2	ENE
13/12/2013	09:30	0	---
13/12/2013	09:35	0	---
13/12/2013	09:40	0	---
13/12/2013	09:45	0	---
13/12/2013	09:50	0	---
13/12/2013	09:55	0	---
13/12/2013	14:35	0	---
13/12/2013	14:40	0	N
13/12/2013	14:45	3	NNW
13/12/2013	14:50	4	NW
13/12/2013	14:55	1	NW
13/12/2013	15:00	3	N
13/12/2013	15:05	3	NE
13/12/2013	15:10	3	NE
13/12/2013	15:15	2	NNE
13/12/2013	15:20	0	NW
13/12/2013	15:25	0	W
13/12/2013	15:30	0	---
13/12/2013	15:35	0	---
13/12/2013	15:40	0	---
13/12/2013	15:45	0	---
13/12/2013	15:50	0	---
13/12/2013	15:55	1	N
13/12/2013	16:00	2	ENE
13/12/2013	16:05	3	ENE
13/12/2013	16:10	3	NE
13/12/2013	16:15	2	E
13/12/2013	16:20	0	---
13/12/2013	16:25	0	---
13/12/2013	16:30	0	---
13/12/2013	16:35	0	---
13/12/2013	16:40	0	---
13/12/2013	16:45	0	---
13/12/2013	16:50	0	---
13/12/2013	16:55	0	---
13/12/2013	17:00	0	---
13/12/2013	17:05	0	---
13/12/2013	17:10	0	---
13/12/2013	17:15	0	---

Date	Time	Wind Speed (mph)	Wind Direction
13/12/2013	12:40	0	WNW
13/12/2013	12:45	0	WNW
13/12/2013	12:50	0	WNW
13/12/2013	12:55	1	NW
13/12/2013	13:00	0	NNW
13/12/2013	13:05	0	SW
13/12/2013	13:10	1	NNW
13/12/2013	13:15	3	NNW
13/12/2013	13:20	4	NNW
13/12/2013	13:25	3	NNE
13/12/2013	13:30	2	N
13/12/2013	13:35	2	NW
13/12/2013	13:40	2	NNE
13/12/2013	13:45	0	NNW
13/12/2013	13:50	1	N
13/12/2013	13:55	2	N
13/12/2013	14:00	3	N
13/12/2013	14:05	4	NNE
13/12/2013	14:10	2	N
13/12/2013	14:15	3	N
13/12/2013	14:20	2	NNW
13/12/2013	14:25	0	N
13/12/2013	14:30	0	---
13/12/2013	19:10	3	WNW
13/12/2013	19:15	2	N
13/12/2013	19:20	2	W
13/12/2013	19:25	2	NNE
13/12/2013	19:30	6	N
13/12/2013	19:35	4	NNW
13/12/2013	19:40	1	N
13/12/2013	19:45	0	---
13/12/2013	19:50	0	NNE
13/12/2013	19:55	1	NW
13/12/2013	20:00	3	NNW
13/12/2013	20:05	3	NW
13/12/2013	20:10	2	NW
13/12/2013	20:15	2	WNW
13/12/2013	20:20	2	WNW
13/12/2013	20:25	0	---
13/12/2013	20:30	0	---
13/12/2013	20:35	2	NNW
13/12/2013	20:40	2	NNW
13/12/2013	20:45	1	WNW
13/12/2013	20:50	2	WNW
13/12/2013	20:55	3	NW
13/12/2013	21:00	4	NW
13/12/2013	21:05	2	WNW
13/12/2013	21:10	2	NW
13/12/2013	21:15	3	NW
13/12/2013	21:20	3	NW
13/12/2013	21:25	2	NW
13/12/2013	21:30	2	WNW
13/12/2013	21:35	3	NW
13/12/2013	21:40	2	NW
13/12/2013	21:45	3	NW
13/12/2013	21:50	3	NW

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
13/12/2013	17:20	0	---
13/12/2013	17:25	0	---
13/12/2013	17:30	0	---
13/12/2013	17:35	0	---
13/12/2013	17:40	1	NNW
13/12/2013	17:45	1	WNW
13/12/2013	17:50	0	W
13/12/2013	17:55	0	W
13/12/2013	18:00	0	---
13/12/2013	18:05	0	---
13/12/2013	18:10	0	---
13/12/2013	18:15	0	---
13/12/2013	18:20	0	---
13/12/2013	18:25	0	---
13/12/2013	18:30	0	---
13/12/2013	18:35	0	---
13/12/2013	18:40	2	WNW
13/12/2013	18:45	3	WNW
13/12/2013	18:50	3	WNW
13/12/2013	18:55	3	WNW
13/12/2013	19:00	2	WNW
13/12/2013	19:05	2	WNW
13/12/2013	23:45	2	WNW
13/12/2013	23:50	2	NW
13/12/2013	23:55	2	NW
14/12/2013	00:00	3	WNW
14/12/2013	00:05	3	W
14/12/2013	00:10	2	NW
14/12/2013	00:15	3	W
14/12/2013	00:20	2	WNW
14/12/2013	00:25	2	S
14/12/2013	00:30	1	S
14/12/2013	00:35	1	NW
14/12/2013	00:40	2	NW
14/12/2013	00:45	3	WNW
14/12/2013	00:50	2	NW
14/12/2013	00:55	2	NW
14/12/2013	01:00	3	WNW
14/12/2013	01:05	4	WNW
14/12/2013	01:10	2	WNW
14/12/2013	01:15	2	WNW
14/12/2013	01:20	2	WNW
14/12/2013	01:25	2	NNW
14/12/2013	01:30	3	NNW
14/12/2013	01:35	6	NNE
14/12/2013	01:40	6	NNW
14/12/2013	01:45	5	NNW
14/12/2013	01:50	2	NNW
14/12/2013	01:55	1	WNW
14/12/2013	02:00	2	NNW
14/12/2013	02:05	3	N
14/12/2013	02:10	2	NW
14/12/2013	02:15	1	WNW
14/12/2013	02:20	0	NW
14/12/2013	02:25	1	NW
14/12/2013	02:30	2	WNW

Date	Time	Wind Speed (mph)	Wind Direction
13/12/2013	21:55	2	NW
13/12/2013	22:00	1	NW
13/12/2013	22:05	1	WNW
13/12/2013	22:10	2	NNW
13/12/2013	22:15	2	NW
13/12/2013	22:20	3	NW
13/12/2013	22:25	3	NW
13/12/2013	22:30	2	NW
13/12/2013	22:35	3	NW
13/12/2013	22:40	3	NW
13/12/2013	22:45	2	WNW
13/12/2013	22:50	2	WNW
13/12/2013	22:55	0	---
13/12/2013	23:00	1	NW
13/12/2013	23:05	1	NW
13/12/2013	23:10	4	NNW
13/12/2013	23:15	3	NNW
13/12/2013	23:20	3	NW
13/12/2013	23:25	2	NW
13/12/2013	23:30	1	WNW
13/12/2013	23:35	3	NNW
13/12/2013	23:40	3	NNW
14/12/2013	04:20	0	---
14/12/2013	04:25	0	W
14/12/2013	04:30	0	W
14/12/2013	04:35	0	---
14/12/2013	04:40	0	SW
14/12/2013	04:45	1	SW
14/12/2013	04:50	0	---
14/12/2013	04:55	0	---
14/12/2013	05:00	0	---
14/12/2013	05:05	0	SW
14/12/2013	05:10	0	SW
14/12/2013	05:15	0	NW
14/12/2013	05:20	1	NNW
14/12/2013	05:25	0	---
14/12/2013	05:30	0	---
14/12/2013	05:35	0	---
14/12/2013	05:40	0	---
14/12/2013	05:45	0	---
14/12/2013	05:50	0	---
14/12/2013	05:55	0	---
14/12/2013	06:00	0	---
14/12/2013	06:05	3	E
14/12/2013	06:10	2	E
14/12/2013	06:15	1	E
14/12/2013	06:20	2	ESE
14/12/2013	06:25	0	ESE
14/12/2013	06:30	0	---
14/12/2013	06:35	0	---
14/12/2013	06:40	0	---
14/12/2013	06:45	0	S
14/12/2013	06:50	3	SSE
14/12/2013	06:55	3	SE
14/12/2013	07:00	4	SE
14/12/2013	07:05	4	SSE

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
14/12/2013	02:35	2	WNW
14/12/2013	02:40	2	SW
14/12/2013	02:45	0	SSW
14/12/2013	02:50	1	SSW
14/12/2013	02:55	2	WNW
14/12/2013	03:00	1	WNW
14/12/2013	03:05	0	WNW
14/12/2013	03:10	2	WNW
14/12/2013	03:15	1	WNW
14/12/2013	03:20	2	WNW
14/12/2013	03:25	2	WNW
14/12/2013	03:30	2	WNW
14/12/2013	03:35	2	NW
14/12/2013	03:40	3	NW
14/12/2013	03:45	3	NW
14/12/2013	03:50	2	NW
14/12/2013	03:55	2	NW
14/12/2013	04:00	1	W
14/12/2013	04:05	1	NW
14/12/2013	04:10	0	W
14/12/2013	04:15	0	W
14/12/2013	08:55	3	SE
14/12/2013	09:00	3	SE
14/12/2013	09:05	4	SE
14/12/2013	09:10	3	SE
14/12/2013	09:15	4	SE
14/12/2013	09:20	4	SSE
14/12/2013	09:25	4	SE
14/12/2013	09:30	4	ESE
14/12/2013	09:35	4	SE
14/12/2013	09:40	2	ESE
14/12/2013	09:45	2	E
14/12/2013	09:50	2	E
14/12/2013	09:55	1	ENE
14/12/2013	10:00	1	ENE
14/12/2013	10:05	2	ENE
14/12/2013	10:10	1	E
14/12/2013	10:15	1	E
14/12/2013	10:20	2	ENE
14/12/2013	10:25	2	NE
14/12/2013	10:30	2	ENE
14/12/2013	10:35	2	NNE
14/12/2013	10:40	0	NNE
14/12/2013	10:45	1	ENE
14/12/2013	10:50	0	ENE
14/12/2013	10:55	2	ESE
14/12/2013	11:00	2	SSE
14/12/2013	11:05	1	SSE
14/12/2013	11:10	3	ESE
14/12/2013	11:15	2	SE
14/12/2013	11:20	2	SE
14/12/2013	11:25	2	SSE
14/12/2013	11:30	0	SSE
14/12/2013	11:35	1	E
14/12/2013	11:40	2	SSE
14/12/2013	11:45	2	SSE
14/12/2013	07:10	4	SSE
14/12/2013	07:15	3	SSE
14/12/2013	07:20	3	SSE
14/12/2013	07:25	3	SSE
14/12/2013	07:30	1	SE
14/12/2013	07:35	1	ESE
14/12/2013	07:40	2	ESE
14/12/2013	07:45	3	ESE
14/12/2013	07:50	2	ESE
14/12/2013	07:55	3	SE
14/12/2013	08:00	3	SE
14/12/2013	08:05	3	SE
14/12/2013	08:10	3	SE
14/12/2013	08:15	3	ESE
14/12/2013	08:20	2	E
14/12/2013	08:25	3	SSE
14/12/2013	08:30	2	ESE
14/12/2013	08:35	3	E
14/12/2013	08:40	2	E
14/12/2013	08:45	2	ESE
14/12/2013	08:50	2	E
14/12/2013	13:30	3	E
14/12/2013	13:35	3	E
14/12/2013	13:40	3	E
14/12/2013	13:45	4	E
14/12/2013	13:50	3	E
14/12/2013	13:55	4	E
14/12/2013	14:00	3	E
14/12/2013	14:05	5	E
14/12/2013	14:10	4	E
14/12/2013	14:15	3	E
14/12/2013	14:20	4	E
14/12/2013	14:25	2	E
14/12/2013	14:30	3	E
14/12/2013	14:35	3	E
14/12/2013	14:40	3	E
14/12/2013	14:45	4	E
14/12/2013	14:50	4	E
14/12/2013	14:55	4	E
14/12/2013	15:00	5	E
14/12/2013	15:05	6	E
14/12/2013	15:10	4	E
14/12/2013	15:15	6	E
14/12/2013	15:20	4	E
14/12/2013	15:25	4	ESE
14/12/2013	15:30	5	ESE
14/12/2013	15:35	3	SSE
14/12/2013	15:40	3	SSE
14/12/2013	15:45	2	SE
14/12/2013	15:50	3	SSE
14/12/2013	15:55	3	SE
14/12/2013	16:00	4	SSE
14/12/2013	16:05	4	SSE
14/12/2013	16:10	6	SSE
14/12/2013	16:15	4	SSE
14/12/2013	16:20	5	SE

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
14/12/2013	11:50	2	SSE
14/12/2013	11:55	2	SSE
14/12/2013	12:00	2	SSE
14/12/2013	12:05	3	SE
14/12/2013	12:10	3	SE
14/12/2013	12:15	3	SE
14/12/2013	12:20	3	SE
14/12/2013	12:25	2	ESE
14/12/2013	12:30	2	SE
14/12/2013	12:35	2	ESE
14/12/2013	12:40	2	ENE
14/12/2013	12:45	1	NNE
14/12/2013	12:50	1	NNE
14/12/2013	12:55	0	NNE
14/12/2013	13:00	1	SE
14/12/2013	13:05	2	ESE
14/12/2013	13:10	2	ENE
14/12/2013	13:15	1	ENE
14/12/2013	13:20	0	ENE
14/12/2013	13:25	1	E
14/12/2013	18:05	5	SE
14/12/2013	18:10	4	SE
14/12/2013	18:15	4	SSE
14/12/2013	18:20	3	SSE
14/12/2013	18:25	4	SE
14/12/2013	18:30	4	SE
14/12/2013	18:35	4	ESE
14/12/2013	18:40	2	ESE
14/12/2013	18:45	3	ESE
14/12/2013	18:50	2	SSE
14/12/2013	18:55	4	SE
14/12/2013	19:00	2	SE
14/12/2013	19:05	2	SE
14/12/2013	19:10	3	SSE
14/12/2013	19:15	2	ESE
14/12/2013	19:20	1	SSE
14/12/2013	19:25	0	ESE
14/12/2013	19:30	1	SSE
14/12/2013	19:35	0	SSE
14/12/2013	19:40	0	---
14/12/2013	19:45	0	---
14/12/2013	19:50	0	---
14/12/2013	19:55	0	SSE
14/12/2013	20:00	2	SSE
14/12/2013	20:05	3	SE
14/12/2013	20:10	3	SE
14/12/2013	20:15	3	SE
14/12/2013	20:20	3	SE
14/12/2013	20:25	4	ESE
14/12/2013	20:30	3	SE
14/12/2013	20:35	2	SE
14/12/2013	20:40	3	SE
14/12/2013	20:45	3	SE
14/12/2013	20:50	3	SE
14/12/2013	20:55	1	S
14/12/2013	21:00	3	SE

Date	Time	Wind Speed (mph)	Wind Direction
14/12/2013	16:25	5	SE
14/12/2013	16:30	4	SE
14/12/2013	16:35	4	SSE
14/12/2013	16:40	4	SSE
14/12/2013	16:45	4	SE
14/12/2013	16:50	5	ESE
14/12/2013	16:55	3	SSE
14/12/2013	17:00	4	ESE
14/12/2013	17:05	4	SE
14/12/2013	17:10	4	ESE
14/12/2013	17:15	4	ESE
14/12/2013	17:20	2	SE
14/12/2013	17:25	3	SE
14/12/2013	17:30	3	SSE
14/12/2013	17:35	4	SE
14/12/2013	17:40	3	SSE
14/12/2013	17:45	3	SSE
14/12/2013	17:50	3	SE
14/12/2013	17:55	3	SSE
14/12/2013	18:00	3	SSE
14/12/2013	22:40	2	E
14/12/2013	22:45	2	ESE
14/12/2013	22:50	2	ESE
14/12/2013	22:55	1	SE
14/12/2013	23:00	2	ESE
14/12/2013	23:05	3	ESE
14/12/2013	23:10	3	ENE
14/12/2013	23:15	3	E
14/12/2013	23:20	3	ENE
14/12/2013	23:25	2	E
14/12/2013	23:30	2	E
14/12/2013	23:35	2	SE
14/12/2013	23:40	1	ESE
14/12/2013	23:45	2	SSE
14/12/2013	23:50	3	E
14/12/2013	23:55	3	ESE
15/12/2013	00:00	3	ESE
15/12/2013	00:05	4	E
15/12/2013	00:10	4	E
15/12/2013	00:15	3	ESE
15/12/2013	00:20	2	SE
15/12/2013	00:25	2	SE
15/12/2013	00:30	3	SE
15/12/2013	00:35	3	ESE
15/12/2013	00:40	7	E
15/12/2013	00:45	3	ESE
15/12/2013	00:50	2	ESE
15/12/2013	00:55	2	ESE
15/12/2013	01:00	2	ESE
15/12/2013	01:05	3	ESE
15/12/2013	01:10	2	ESE
15/12/2013	01:15	2	ESE
15/12/2013	01:20	2	SE
15/12/2013	01:25	2	SE
15/12/2013	01:30	3	SE
15/12/2013	01:35	4	ESE

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
14/12/2013	21:05	2	SSE
14/12/2013	21:10	2	SE
14/12/2013	21:15	3	ESE
14/12/2013	21:20	2	SE
14/12/2013	21:25	4	ESE
14/12/2013	21:30	2	SSE
14/12/2013	21:35	3	ESE
14/12/2013	21:40	4	SSE
14/12/2013	21:45	4	SE
14/12/2013	21:50	4	SE
14/12/2013	21:55	5	SE
14/12/2013	22:00	4	ESE
14/12/2013	22:05	4	ESE
14/12/2013	22:10	3	E
14/12/2013	22:15	4	E
14/12/2013	22:20	3	E
14/12/2013	22:25	3	E
14/12/2013	22:30	3	ESE
14/12/2013	22:35	2	ESE
15/12/2013	03:15	3	E
15/12/2013	03:20	2	E
15/12/2013	03:25	2	E
15/12/2013	03:30	2	E
15/12/2013	03:35	3	E
15/12/2013	03:40	2	SE
15/12/2013	03:45	3	ESE
15/12/2013	03:50	2	ESE
15/12/2013	03:55	1	SE
15/12/2013	04:00	1	SE
15/12/2013	04:05	2	ESE
15/12/2013	04:10	3	SE
15/12/2013	04:15	2	ESE
15/12/2013	04:20	3	SE
15/12/2013	04:25	3	ESE
15/12/2013	04:30	3	ESE
15/12/2013	04:35	3	ESE
15/12/2013	04:40	4	ESE
15/12/2013	04:45	3	E
15/12/2013	04:50	1	E
15/12/2013	04:55	3	ESE
15/12/2013	05:00	4	E
15/12/2013	05:05	4	E
15/12/2013	05:10	4	E
15/12/2013	05:15	5	E
15/12/2013	05:20	5	E
15/12/2013	05:25	5	E
15/12/2013	05:30	5	E
15/12/2013	05:35	5	E
15/12/2013	05:40	5	E
15/12/2013	05:45	4	E
15/12/2013	05:50	3	E
15/12/2013	05:55	3	E
15/12/2013	06:00	3	E
15/12/2013	06:05	2	ESE
15/12/2013	06:10	2	ENE
15/12/2013	06:15	2	SSE

Date	Time	Wind Speed (mph)	Wind Direction
15/12/2013	01:40	3	E
15/12/2013	01:45	3	E
15/12/2013	01:50	2	ESE
15/12/2013	01:55	3	E
15/12/2013	02:00	3	E
15/12/2013	02:05	5	E
15/12/2013	02:10	4	E
15/12/2013	02:15	4	E
15/12/2013	02:20	3	E
15/12/2013	02:25	4	E
15/12/2013	02:30	2	E
15/12/2013	02:35	3	E
15/12/2013	02:40	3	ESE
15/12/2013	02:45	5	E
15/12/2013	02:50	4	E
15/12/2013	02:55	3	E
15/12/2013	03:00	3	E
15/12/2013	03:05	3	ESE
15/12/2013	03:10	2	ESE
15/12/2013	07:50	6	SSE
15/12/2013	07:55	4	SSE
15/12/2013	08:00	3	SE
15/12/2013	08:05	2	SSE
15/12/2013	08:10	3	SSE
15/12/2013	08:15	2	SE
15/12/2013	08:20	3	SE
15/12/2013	08:25	2	SE
15/12/2013	08:30	1	SSE
15/12/2013	08:35	0	E
15/12/2013	08:40	2	E
15/12/2013	08:45	4	E
15/12/2013	08:50	4	E
15/12/2013	08:55	3	ESE
15/12/2013	09:00	2	ESE
15/12/2013	09:05	3	E
15/12/2013	09:10	2	E
15/12/2013	09:15	1	E
15/12/2013	09:20	0	E
15/12/2013	09:25	1	E
15/12/2013	09:30	1	ENE
15/12/2013	09:35	1	NE
15/12/2013	09:40	1	ESE
15/12/2013	09:45	1	E
15/12/2013	09:50	2	E
15/12/2013	09:55	2	ESE
15/12/2013	10:00	2	ESE
15/12/2013	10:05	2	ESE
15/12/2013	10:10	2	ESE
15/12/2013	10:15	1	ESE
15/12/2013	10:20	1	E
15/12/2013	10:25	2	NE
15/12/2013	10:30	1	NE
15/12/2013	10:35	2	ENE
15/12/2013	10:40	0	E
15/12/2013	10:45	2	SE
15/12/2013	10:50	3	ESE

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
15/12/2013	06:20	2	E
15/12/2013	06:25	1	ESE
15/12/2013	06:30	1	E
15/12/2013	06:35	3	ESE
15/12/2013	06:40	4	E
15/12/2013	06:45	3	SE
15/12/2013	06:50	2	E
15/12/2013	06:55	3	SE
15/12/2013	07:00	2	SSE
15/12/2013	07:05	2	SSE
15/12/2013	07:10	2	SE
15/12/2013	07:15	2	SE
15/12/2013	07:20	1	SE
15/12/2013	07:25	4	SE
15/12/2013	07:30	4	SE
15/12/2013	07:35	4	SE
15/12/2013	07:40	4	SE
15/12/2013	07:45	6	SSE
15/12/2013	12:25	5	ESE
15/12/2013	12:30	4	SE
15/12/2013	12:35	2	SSE
15/12/2013	12:40	2	ENE
15/12/2013	12:45	2	NE
15/12/2013	12:50	5	E
15/12/2013	12:55	4	ENE
15/12/2013	13:00	3	ESE
15/12/2013	13:05	1	E
15/12/2013	13:10	3	E
15/12/2013	13:15	2	ESE
15/12/2013	13:20	1	E
15/12/2013	13:25	1	SSE
15/12/2013	13:30	1	ENE
15/12/2013	13:35	2	ESE
15/12/2013	13:40	0	ESE
15/12/2013	13:45	0	ESE
15/12/2013	13:50	1	ESE
15/12/2013	13:55	1	E
15/12/2013	14:00	0	---
15/12/2013	14:05	0	ENE
15/12/2013	14:10	3	E
15/12/2013	14:15	2	ESE
15/12/2013	14:20	3	ESE
15/12/2013	14:25	3	ESE
15/12/2013	14:30	4	SE
15/12/2013	14:35	6	ESE
15/12/2013	14:40	5	SSE
15/12/2013	14:45	5	SSE
15/12/2013	14:50	5	SE
15/12/2013	14:55	4	SE
15/12/2013	15:00	4	ESE
15/12/2013	15:05	4	SSE
15/12/2013	15:10	7	SE
15/12/2013	15:15	7	SE
15/12/2013	15:20	5	SE
15/12/2013	15:25	5	SE
15/12/2013	15:30	5	SE

Date	Time	Wind Speed (mph)	Wind Direction
15/12/2013	10:55	3	ENE
15/12/2013	11:00	4	E
15/12/2013	11:05	3	ENE
15/12/2013	11:10	2	E
15/12/2013	11:15	2	ESE
15/12/2013	11:20	2	SE
15/12/2013	11:25	3	SE
15/12/2013	11:30	3	SE
15/12/2013	11:35	2	SE
15/12/2013	11:40	1	ESE
15/12/2013	11:45	2	ESE
15/12/2013	11:50	3	SSE
15/12/2013	11:55	2	SSE
15/12/2013	12:00	4	SSE
15/12/2013	12:05	5	SE
15/12/2013	12:10	4	SSE
15/12/2013	12:15	2	SSE
15/12/2013	12:20	4	SE
15/12/2013	17:00	2	SSE
15/12/2013	17:05	3	SE
15/12/2013	17:10	4	SE
15/12/2013	17:15	3	SSE
15/12/2013	17:20	3	SSE
15/12/2013	17:25	4	SSE
15/12/2013	17:30	4	SSE
15/12/2013	17:35	2	SE
15/12/2013	17:40	3	SSE
15/12/2013	17:45	2	SE
15/12/2013	17:50	2	SSE
15/12/2013	17:55	4	SE
15/12/2013	18:00	4	SE
15/12/2013	18:05	5	SE
15/12/2013	18:10	4	SE
15/12/2013	18:15	4	SE
15/12/2013	18:20	3	SE
15/12/2013	18:25	5	E
15/12/2013	18:30	3	SE
15/12/2013	18:35	4	ESE
15/12/2013	18:40	2	ESE
15/12/2013	18:45	4	ESE
15/12/2013	18:50	3	ESE
15/12/2013	18:55	4	E
15/12/2013	19:00	2	SE
15/12/2013	19:05	3	E
15/12/2013	19:10	4	SE
15/12/2013	19:15	3	SSE
15/12/2013	19:20	3	E
15/12/2013	19:25	4	ESE
15/12/2013	19:30	4	E
15/12/2013	19:35	4	ESE
15/12/2013	19:40	3	E
15/12/2013	19:45	3	E
15/12/2013	19:50	2	SE
15/12/2013	19:55	5	E
15/12/2013	20:00	4	E
15/12/2013	20:05	2	SE

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
15/12/2013	15:35	6	SE
15/12/2013	15:40	6	SE
15/12/2013	15:45	4	SSE
15/12/2013	15:50	5	SE
15/12/2013	15:55	4	SE
15/12/2013	16:00	6	ESE
15/12/2013	16:05	5	SE
15/12/2013	16:10	5	SE
15/12/2013	16:15	5	SE
15/12/2013	16:20	4	SE
15/12/2013	16:25	5	SE
15/12/2013	16:30	5	SE
15/12/2013	16:35	4	SE
15/12/2013	16:40	4	SE
15/12/2013	16:45	3	ESE
15/12/2013	16:50	2	ESE
15/12/2013	16:55	3	ESE
15/12/2013	21:35	4	E
15/12/2013	21:40	3	ESE
15/12/2013	21:45	4	ESE
15/12/2013	21:50	4	E
15/12/2013	21:55	5	E
15/12/2013	22:00	4	E
15/12/2013	22:05	3	E
15/12/2013	22:10	4	E
15/12/2013	22:15	5	E
15/12/2013	22:20	4	E
15/12/2013	22:25	4	E
15/12/2013	22:30	4	E
15/12/2013	22:35	2	ESE
15/12/2013	22:40	3	SE
15/12/2013	22:45	3	E
15/12/2013	22:50	4	E
15/12/2013	22:55	3	E
15/12/2013	23:00	4	E
15/12/2013	23:05	5	E
15/12/2013	23:10	4	E
15/12/2013	23:15	4	E
15/12/2013	23:20	3	E
15/12/2013	23:25	4	ESE
15/12/2013	23:30	2	E
15/12/2013	23:35	4	E
15/12/2013	23:40	3	E
15/12/2013	23:45	2	E
15/12/2013	23:50	3	E
15/12/2013	23:55	3	E
16/12/2013	00:00	6	E
16/12/2013	00:05	5	ENE
16/12/2013	00:10	6	ENE
16/12/2013	00:15	5	ENE
16/12/2013	00:20	4	NE
16/12/2013	00:25	1	ESE
16/12/2013	00:30	1	NE
16/12/2013	00:35	1	NNW
16/12/2013	00:40	1	NNW
16/12/2013	00:45	0	E

Date	Time	Wind Speed (mph)	Wind Direction
15/12/2013	20:10	3	ESE
15/12/2013	20:15	2	SE
15/12/2013	20:20	2	SE
15/12/2013	20:25	2	E
15/12/2013	20:30	1	SE
15/12/2013	20:35	1	S
15/12/2013	20:40	1	ESE
15/12/2013	20:45	0	ESE
15/12/2013	20:50	0	ESE
15/12/2013	20:55	0	ESE
15/12/2013	21:00	1	ESE
15/12/2013	21:05	3	SE
15/12/2013	21:10	3	SSE
15/12/2013	21:15	2	ESE
15/12/2013	21:20	3	E
15/12/2013	21:25	4	E
15/12/2013	21:30	4	E
16/12/2013	02:10	2	NE
16/12/2013	02:15	4	NNE
16/12/2013	02:20	5	NNE
16/12/2013	02:25	6	NNE
16/12/2013	02:30	6	NNE
16/12/2013	02:35	6	NNE
16/12/2013	02:40	4	NNE
16/12/2013	02:45	3	NNE
16/12/2013	02:50	4	NNE
16/12/2013	02:55	4	NNE
16/12/2013	03:00	6	NNE
16/12/2013	03:05	5	NNE
16/12/2013	03:10	5	NNE
16/12/2013	03:15	4	NE
16/12/2013	03:20	5	NNE
16/12/2013	03:25	5	N
16/12/2013	03:30	4	NNE
16/12/2013	03:35	3	NNE
16/12/2013	03:40	4	NE
16/12/2013	03:45	5	N
16/12/2013	03:50	6	NNE
16/12/2013	03:55	7	NNE
16/12/2013	04:00	7	NNE
16/12/2013	04:05	8	NNE
16/12/2013	04:10	8	NNE
16/12/2013	04:15	6	NNE
16/12/2013	04:20	6	NNE
16/12/2013	04:25	7	NNE
16/12/2013	04:30	6	N
16/12/2013	04:35	5	NNE
16/12/2013	04:40	6	NNE
16/12/2013	04:45	5	NNE
16/12/2013	04:50	6	NE
16/12/2013	04:55	6	NE
16/12/2013	05:00	4	NNE
16/12/2013	05:05	5	NNE
16/12/2013	05:10	6	NNE
16/12/2013	05:15	6	NE
16/12/2013	05:20	5	ENE

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
16/12/2013	00:50	2	SE
16/12/2013	00:55	1	E
16/12/2013	01:00	0	NNE
16/12/2013	01:05	1	SE
16/12/2013	01:10	2	SE
16/12/2013	01:15	1	S
16/12/2013	01:20	2	SSE
16/12/2013	01:25	0	S
16/12/2013	01:30	0	S
16/12/2013	01:35	1	SSE
16/12/2013	01:40	2	SSE
16/12/2013	01:45	3	SSE
16/12/2013	01:50	3	SE
16/12/2013	01:55	2	SSE
16/12/2013	02:00	3	SE
16/12/2013	02:05	1	NE
16/12/2013	06:45	4	NE
16/12/2013	06:50	3	NE
16/12/2013	06:55	5	NE
16/12/2013	07:00	6	ENE
16/12/2013	07:05	5	E
16/12/2013	07:10	7	ENE
16/12/2013	07:15	1	ESE
16/12/2013	07:20	3	NE
16/12/2013	07:25	3	ESE
16/12/2013	07:30	5	E
16/12/2013	07:35	4	ENE
16/12/2013	07:40	4	ENE
16/12/2013	07:45	6	E
16/12/2013	07:50	4	ENE
16/12/2013	07:55	6	E
16/12/2013	08:00	6	E
16/12/2013	08:05	5	ENE
16/12/2013	08:10	5	ENE
16/12/2013	08:15	3	SE
16/12/2013	08:20	2	ENE
16/12/2013	08:25	3	N
16/12/2013	08:30	3	NNE
16/12/2013	08:35	1	S
16/12/2013	08:40	3	ENE
16/12/2013	08:45	2	ESE
16/12/2013	08:50	2	SE
16/12/2013	08:55	1	ENE
16/12/2013	09:00	0	WSW
16/12/2013	09:05	2	WSW
16/12/2013	09:10	2	WNW
16/12/2013	09:15	5	N
16/12/2013	09:20	7	NNE
16/12/2013	09:25	6	NNE
16/12/2013	09:30	6	NNE
16/12/2013	09:35	5	N
16/12/2013	09:40	4	NNE
16/12/2013	09:45	5	NNE
16/12/2013	09:50	3	NE
16/12/2013	09:55	5	N
16/12/2013	10:00	7	NNE
16/12/2013	05:25	5	ENE
16/12/2013	05:30	6	NE
16/12/2013	05:35	4	NE
16/12/2013	05:40	3	NE
16/12/2013	05:45	3	NE
16/12/2013	05:50	5	NE
16/12/2013	05:55	4	NNE
16/12/2013	06:00	4	NNE
16/12/2013	06:05	5	NE
16/12/2013	06:10	6	N
16/12/2013	06:15	6	NE
16/12/2013	06:20	5	NNE
16/12/2013	06:25	4	NNE
16/12/2013	06:30	6	ENE
16/12/2013	06:35	4	NE
16/12/2013	06:40	5	NE
16/12/2013	11:20	6	NNE
16/12/2013	11:25	6	NNE
16/12/2013	11:30	6	NE
16/12/2013	11:35	4	NE
16/12/2013	11:40	6	NNE
16/12/2013	11:45	5	NNE
16/12/2013	11:50	4	ENE
16/12/2013	11:55	3	NNE
16/12/2013	12:00	3	NNE
16/12/2013	12:05	6	NNE
16/12/2013	12:10	7	NE
16/12/2013	12:15	7	NNE
16/12/2013	12:20	6	NE
16/12/2013	12:25	7	NE
16/12/2013	12:30	8	NNE
16/12/2013	12:35	7	NNE
16/12/2013	12:40	7	NNE
16/12/2013	12:45	6	NNE
16/12/2013	12:50	6	NNE
16/12/2013	12:55	7	NNE
16/12/2013	13:00	4	NE
16/12/2013	13:05	3	N
16/12/2013	13:10	4	NNE
16/12/2013	13:15	5	NE
16/12/2013	13:20	6	NE
16/12/2013	13:25	6	NE
16/12/2013	13:30	6	ENE
16/12/2013	13:35	4	NE
16/12/2013	13:40	2	N
16/12/2013	13:45	5	NNE
16/12/2013	13:50	4	NE
16/12/2013	13:55	6	NNE
16/12/2013	14:00	7	NNE
16/12/2013	14:05	8	NE
16/12/2013	14:10	6	NE
16/12/2013	14:15	5	NE
16/12/2013	14:20	3	E
16/12/2013	14:25	6	NNE
16/12/2013	14:30	2	NE
16/12/2013	14:35	4	NNE

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Date	Time	Wind Speed (mph)	Wind Direction
16/12/2013	10:05	7	NNE
16/12/2013	10:10	7	N
16/12/2013	10:15	8	NNE
16/12/2013	10:20	8	NNE
16/12/2013	10:25	7	NNE
16/12/2013	10:30	8	NNE
16/12/2013	10:35	8	NNE
16/12/2013	10:40	8	NNE
16/12/2013	10:45	7	NNE
16/12/2013	10:50	7	NE
16/12/2013	10:55	8	NNE
16/12/2013	11:00	7	NNE
16/12/2013	11:05	6	NNE
16/12/2013	11:10	6	NNE
16/12/2013	11:15	6	NE
16/12/2013	15:55	3	NE
16/12/2013	16:00	5	ENE
16/12/2013	16:05	5	NE
16/12/2013	16:10	6	E
16/12/2013	16:15	4	E
16/12/2013	16:20	6	ENE
16/12/2013	16:25	4	NE
16/12/2013	16:30	6	NE
16/12/2013	16:35	5	E
16/12/2013	16:40	4	ENE
16/12/2013	16:45	5	E
16/12/2013	16:50	3	E
16/12/2013	16:55	4	E
16/12/2013	17:00	3	E
16/12/2013	17:05	2	E
16/12/2013	17:10	2	SSE
16/12/2013	17:15	5	E
16/12/2013	17:20	6	ESE
16/12/2013	17:25	5	ESE
16/12/2013	17:30	4	E
16/12/2013	17:35	3	E
16/12/2013	17:40	3	NNE
16/12/2013	17:45	4	NNW
16/12/2013	17:50	4	N
16/12/2013	17:55	0	SSE
16/12/2013	18:00	2	NNE
16/12/2013	18:05	3	NNE
16/12/2013	18:10	2	NE
16/12/2013	18:15	2	E
16/12/2013	18:20	2	SE
16/12/2013	18:25	3	SE
16/12/2013	18:30	2	ESE
16/12/2013	18:35	3	SE
16/12/2013	18:40	6	SE
16/12/2013	18:45	8	E
16/12/2013	18:50	6	E
16/12/2013	18:55	4	ESE
16/12/2013	19:00	3	ESE
16/12/2013	19:05	4	NE
16/12/2013	19:10	2	NE
16/12/2013	19:15	2	NNE

Date	Time	Wind Speed (mph)	Wind Direction
16/12/2013	14:40	3	NE
16/12/2013	14:45	5	NE
16/12/2013	14:50	5	NE
16/12/2013	14:55	3	NE
16/12/2013	15:00	4	ESE
16/12/2013	15:05	4	ESE
16/12/2013	15:10	4	SSE
16/12/2013	15:15	6	ESE
16/12/2013	15:20	4	E
16/12/2013	15:25	2	S
16/12/2013	15:30	3	ESE
16/12/2013	15:35	4	NNE
16/12/2013	15:40	3	ENE
16/12/2013	15:45	1	ESE
16/12/2013	15:50	4	ENE
16/12/2013	20:30	1	ENE
16/12/2013	20:35	4	ENE
16/12/2013	20:40	4	ENE
16/12/2013	20:45	5	ENE
16/12/2013	20:50	5	ENE
16/12/2013	20:55	2	ENE
16/12/2013	21:00	4	E
16/12/2013	21:05	3	E
16/12/2013	21:10	1	NNE
16/12/2013	21:15	2	SSE
16/12/2013	21:20	2	S
16/12/2013	21:25	3	SSW
16/12/2013	21:30	3	WSW
16/12/2013	21:35	2	E
16/12/2013	21:40	1	E
16/12/2013	21:45	3	W
16/12/2013	21:50	2	SW
16/12/2013	21:55	1	NW
16/12/2013	22:00	1	NW
16/12/2013	22:05	1	W
16/12/2013	22:10	1	S
16/12/2013	22:15	3	WNW
16/12/2013	22:20	2	WNW
16/12/2013	22:25	1	WSW
16/12/2013	22:30	3	SE
16/12/2013	22:35	5	ESE
16/12/2013	22:40	3	SE
16/12/2013	22:45	4	SE
16/12/2013	22:50	4	SSE
16/12/2013	22:55	3	NE
16/12/2013	23:00	1	SSE
16/12/2013	23:05	1	SE
16/12/2013	23:10	3	E
16/12/2013	23:15	3	E
16/12/2013	23:20	3	NW
16/12/2013	23:25	2	NW
16/12/2013	23:30	5	NNW
16/12/2013	23:35	4	NNW
16/12/2013	23:40	4	NE
16/12/2013	23:45	6	NE
16/12/2013	23:50	6	NE

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Date	Time	Wind Speed (mph)	Wind Direction
16/12/2013	19:20	3	NE
16/12/2013	19:25	1	E
16/12/2013	19:30	2	E
16/12/2013	19:35	3	ESE
16/12/2013	19:40	3	SSE
16/12/2013	19:45	3	SE
16/12/2013	19:50	4	SE
16/12/2013	19:55	4	SSE
16/12/2013	20:00	3	SSE
16/12/2013	20:05	4	SSE
16/12/2013	20:10	2	S
16/12/2013	20:15	2	ESE
16/12/2013	20:20	2	NE
16/12/2013	20:25	2	ENE
17/12/2013	01:05	4	N
17/12/2013	01:10	3	NE
17/12/2013	01:15	3	SE
17/12/2013	01:20	4	ESE
17/12/2013	01:25	4	E
17/12/2013	01:30	4	NE
17/12/2013	01:35	4	ENE
17/12/2013	01:40	4	E
17/12/2013	01:45	4	SE
17/12/2013	01:50	3	ENE
17/12/2013	01:55	3	NE
17/12/2013	02:00	3	N
17/12/2013	02:05	1	SE
17/12/2013	02:10	1	E
17/12/2013	02:15	3	ENE
17/12/2013	02:20	4	NE
17/12/2013	02:25	3	ENE
17/12/2013	02:30	2	NNE
17/12/2013	02:35	4	N
17/12/2013	02:40	3	NNE
17/12/2013	02:45	5	NE
17/12/2013	02:50	3	NE
17/12/2013	02:55	5	NE
17/12/2013	03:00	4	NNE
17/12/2013	03:05	5	NNE
17/12/2013	03:10	4	NNE
17/12/2013	03:15	3	N
17/12/2013	03:20	5	N
17/12/2013	03:25	4	N
17/12/2013	03:30	2	NNE
17/12/2013	03:35	1	NE
17/12/2013	03:40	1	NNE
17/12/2013	03:45	1	NNE
17/12/2013	03:50	0	ESE
17/12/2013	03:55	2	WNW
17/12/2013	04:00	2	NNE
17/12/2013	04:05	4	NNE
17/12/2013	04:10	5	N
17/12/2013	04:15	2	NE
17/12/2013	04:20	4	NE
17/12/2013	04:25	6	NNE
17/12/2013	04:30	7	N

Date	Time	Wind Speed (mph)	Wind Direction
16/12/2013	23:55	4	NE
17/12/2013	00:00	4	NNE
17/12/2013	00:05	5	NE
17/12/2013	00:10	3	E
17/12/2013	00:15	3	SE
17/12/2013	00:20	2	SSE
17/12/2013	00:25	1	S
17/12/2013	00:30	0	S
17/12/2013	00:35	2	WNW
17/12/2013	00:40	3	ENE
17/12/2013	00:45	4	E
17/12/2013	00:50	5	NE
17/12/2013	00:55	4	NNE
17/12/2013	01:00	5	N
17/12/2013	05:40	7	NNE
17/12/2013	05:45	5	NE
17/12/2013	05:50	4	NE
17/12/2013	05:55	4	N
17/12/2013	06:00	4	NNE
17/12/2013	06:05	3	NNE
17/12/2013	06:10	3	NNE
17/12/2013	06:15	3	NNE
17/12/2013	06:20	3	NE
17/12/2013	06:25	3	NE
17/12/2013	06:30	5	NNE
17/12/2013	06:35	3	NE
17/12/2013	06:40	5	NE
17/12/2013	06:45	5	NE
17/12/2013	06:50	5	NE
17/12/2013	06:55	6	NE
17/12/2013	07:00	4	NE
17/12/2013	07:05	3	E
17/12/2013	07:10	4	NE
17/12/2013	07:15	3	NNE
17/12/2013	07:20	3	NNE
17/12/2013	07:25	3	NE
17/12/2013	07:30	4	NNE
17/12/2013	07:35	3	N
17/12/2013	07:40	5	NNE
17/12/2013	07:45	5	NE
17/12/2013	07:50	4	NE
17/12/2013	07:55	4	NE
17/12/2013	08:00	3	ENE
17/12/2013	08:05	5	NE
17/12/2013	08:10	5	NE
17/12/2013	08:15	3	NE
17/12/2013	08:20	3	NNE
17/12/2013	08:25	5	NE
17/12/2013	08:30	3	NE
17/12/2013	08:35	4	NE
17/12/2013	08:40	4	NNE
17/12/2013	08:45	6	NNE
17/12/2013	08:50	6	NE
17/12/2013	08:55	4	NNE
17/12/2013	09:00	4	NNE
17/12/2013	09:05	3	NNE

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
17/12/2013	04:35	7	N
17/12/2013	04:40	5	NNE
17/12/2013	04:45	5	NNE
17/12/2013	04:50	4	NNE
17/12/2013	04:55	3	NE
17/12/2013	05:00	6	NNE
17/12/2013	05:05	6	NNE
17/12/2013	05:10	5	NNE
17/12/2013	05:15	5	NNE
17/12/2013	05:20	5	NNE
17/12/2013	05:25	5	NE
17/12/2013	05:30	5	NNE
17/12/2013	05:35	6	NNE
17/12/2013	10:15	3	NE
17/12/2013	10:20	3	NE
17/12/2013	10:25	3	ENE
17/12/2013	10:30	3	E
17/12/2013	10:35	5	E
17/12/2013	10:40	3	E
17/12/2013	10:45	4	E
17/12/2013	10:50	3	ESE
17/12/2013	10:55	3	E
17/12/2013	11:00	3	E
17/12/2013	11:05	3	NE
17/12/2013	11:10	3	NE
17/12/2013	11:15	2	NNE
17/12/2013	11:20	6	N
17/12/2013	11:25	5	NNW
17/12/2013	11:30	6	NNE
17/12/2013	11:35	6	NNW
17/12/2013	11:40	5	N
17/12/2013	11:45	5	NNE
17/12/2013	11:50	4	N
17/12/2013	11:55	6	N
17/12/2013	12:00	7	NNE
17/12/2013	12:05	8	N
17/12/2013	12:10	6	N
17/12/2013	12:15	4	NE
17/12/2013	12:20	6	N
17/12/2013	12:25	7	N
17/12/2013	12:30	7	N
17/12/2013	12:35	8	N
17/12/2013	12:40	8	N
17/12/2013	12:45	7	N
17/12/2013	12:50	7	NNE
17/12/2013	12:55	6	NNE
17/12/2013	13:00	5	NNE
17/12/2013	13:05	5	NNE
17/12/2013	13:10	6	N
17/12/2013	13:15	6	NNW
17/12/2013	13:20	5	NE
17/12/2013	13:25	5	NE
17/12/2013	13:30	4	NE
17/12/2013	13:35	6	NE
17/12/2013	13:40	6	NE
17/12/2013	13:45	4	NE
17/12/2013	09:10	5	NNE
17/12/2013	09:15	6	NNE
17/12/2013	09:20	5	NNE
17/12/2013	09:25	5	NNE
17/12/2013	09:30	4	NE
17/12/2013	09:35	6	NNE
17/12/2013	09:40	5	NNE
17/12/2013	09:45	5	NNE
17/12/2013	09:50	2	NE
17/12/2013	09:55	1	NE
17/12/2013	10:00	4	NNE
17/12/2013	10:05	4	NE
17/12/2013	10:10	4	ENE
17/12/2013	14:50	5	NNE
17/12/2013	14:55	6	NNE
17/12/2013	15:00	6	NNE
17/12/2013	15:05	5	NNE
17/12/2013	15:10	5	NNE
17/12/2013	15:15	5	NNE
17/12/2013	15:20	4	N
17/12/2013	15:25	4	NNE
17/12/2013	15:30	5	NNE
17/12/2013	15:35	5	NNE
17/12/2013	15:40	5	NE
17/12/2013	15:45	3	NNE
17/12/2013	15:50	3	N
17/12/2013	15:55	4	NE
17/12/2013	16:00	3	NNE
17/12/2013	16:05	4	NNE
17/12/2013	16:10	4	NNE
17/12/2013	16:15	6	NE
17/12/2013	16:20	4	NNE
17/12/2013	16:25	6	NE
17/12/2013	16:30	5	NNE
17/12/2013	16:35	4	NNE
17/12/2013	16:40	4	NE
17/12/2013	16:45	4	NE
17/12/2013	16:50	3	NE
17/12/2013	16:55	3	NE
17/12/2013	17:00	1	NNE
17/12/2013	17:05	1	NE
17/12/2013	17:10	2	NNE
17/12/2013	17:15	4	NNE
17/12/2013	17:20	4	NNE
17/12/2013	17:25	3	NNE
17/12/2013	17:30	4	NE
17/12/2013	17:35	4	NE
17/12/2013	17:40	3	NE
17/12/2013	17:45	2	NNE
17/12/2013	17:50	3	NW
17/12/2013	17:55	3	NNE
17/12/2013	18:00	4	NNE
17/12/2013	18:05	5	NNE
17/12/2013	18:10	5	N
17/12/2013	18:15	3	N
17/12/2013	18:20	3	NNE

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
17/12/2013	13:50	4	NE
17/12/2013	13:55	2	NE
17/12/2013	14:00	3	NE
17/12/2013	14:05	3	NE
17/12/2013	14:10	5	NE
17/12/2013	14:15	5	N
17/12/2013	14:20	5	NNE
17/12/2013	14:25	5	NNE
17/12/2013	14:30	6	NNE
17/12/2013	14:35	7	N
17/12/2013	14:40	8	N
17/12/2013	14:45	6	N
17/12/2013	19:25	6	NE
17/12/2013	19:30	5	NE
17/12/2013	19:35	5	NNE
17/12/2013	19:40	4	NE
17/12/2013	19:45	4	NNE
17/12/2013	19:50	5	ENE
17/12/2013	19:55	4	NE
17/12/2013	20:00	3	NE
17/12/2013	20:05	5	NNE
17/12/2013	20:10	7	NNE
17/12/2013	20:15	6	NE
17/12/2013	20:20	5	NE
17/12/2013	20:25	7	NE
17/12/2013	20:30	5	ENE
17/12/2013	20:35	5	NE
17/12/2013	20:40	5	NE
17/12/2013	20:45	2	NE
17/12/2013	20:50	5	NNE
17/12/2013	20:55	6	NNE
17/12/2013	21:00	5	NE
17/12/2013	21:05	6	NE
17/12/2013	21:10	6	NE
17/12/2013	21:15	6	NE
17/12/2013	21:20	7	NE
17/12/2013	21:25	5	NE
17/12/2013	21:30	4	NE
17/12/2013	21:35	6	NNE
17/12/2013	21:40	6	NE
17/12/2013	21:45	5	NE
17/12/2013	21:50	6	NE
17/12/2013	21:55	6	NE
17/12/2013	22:00	5	NE
17/12/2013	22:05	6	NE
17/12/2013	22:10	4	ESE
17/12/2013	22:15	6	NE
17/12/2013	22:20	4	NE
17/12/2013	22:25	5	ENE
17/12/2013	22:30	5	ENE
17/12/2013	22:35	5	NE
17/12/2013	22:40	6	ENE
17/12/2013	22:45	5	ENE
17/12/2013	22:50	6	ENE
17/12/2013	22:55	6	ENE
17/12/2013	23:00	6	E

Date	Time	Wind Speed (mph)	Wind Direction
17/12/2013	18:25	3	NNE
17/12/2013	18:30	3	NNE
17/12/2013	18:35	3	N
17/12/2013	18:40	1	NNE
17/12/2013	18:45	3	NE
17/12/2013	18:50	4	NE
17/12/2013	18:55	5	NNE
17/12/2013	19:00	5	NE
17/12/2013	19:05	6	NE
17/12/2013	19:10	6	NE
17/12/2013	19:15	5	NE
17/12/2013	19:20	5	NNE
18/12/2013	00:00	4	ESE
18/12/2013	00:05	6	NE
18/12/2013	00:10	6	NE
18/12/2013	00:15	6	ENE
18/12/2013	00:20	6	E
18/12/2013	00:25	7	E
18/12/2013	00:30	4	E
18/12/2013	00:35	5	E
18/12/2013	00:40	6	ENE
18/12/2013	00:45	7	ENE
18/12/2013	00:50	4	E
18/12/2013	00:55	6	NE
18/12/2013	01:00	7	NE
18/12/2013	01:05	6	NE
18/12/2013	01:10	6	NE
18/12/2013	01:15	6	NE
18/12/2013	01:20	6	NE
18/12/2013	01:25	7	NE
18/12/2013	01:30	8	NE
18/12/2013	01:35	7	NE
18/12/2013	01:40	6	NE
18/12/2013	01:45	8	NE
18/12/2013	01:50	7	ENE
18/12/2013	01:55	6	E
18/12/2013	02:00	4	ENE
18/12/2013	02:05	5	ENE
18/12/2013	02:10	7	E
18/12/2013	02:15	6	ESE
18/12/2013	02:20	6	E
18/12/2013	02:25	5	E
18/12/2013	02:30	5	E
18/12/2013	02:35	4	ENE
18/12/2013	02:40	5	E
18/12/2013	02:45	3	NE
18/12/2013	02:50	3	ENE
18/12/2013	02:55	7	E
18/12/2013	03:00	4	E
18/12/2013	03:05	7	NE
18/12/2013	03:10	5	ENE
18/12/2013	03:15	5	E
18/12/2013	03:20	8	E
18/12/2013	03:25	8	NE
18/12/2013	03:30	8	E
18/12/2013	03:35	7	E

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
17/12/2013	23:05	4	NE
17/12/2013	23:10	6	NE
17/12/2013	23:15	7	NE
17/12/2013	23:20	8	NE
17/12/2013	23:25	7	NE
17/12/2013	23:30	4	ENE
17/12/2013	23:35	5	NE
17/12/2013	23:40	6	NE
17/12/2013	23:45	5	E
17/12/2013	23:50	4	E
17/12/2013	23:55	3	ESE
18/12/2013	04:35	6	E
18/12/2013	04:40	8	E
18/12/2013	04:45	7	ESE
18/12/2013	04:50	7	E
18/12/2013	04:55	8	E
18/12/2013	05:00	6	E
18/12/2013	05:05	6	ESE
18/12/2013	05:10	5	E
18/12/2013	05:15	5	NE
18/12/2013	05:20	8	NE
18/12/2013	05:25	7	E
18/12/2013	05:30	6	E
18/12/2013	05:35	7	E
18/12/2013	05:40	6	E
18/12/2013	05:45	8	NE
18/12/2013	05:50	6	NE
18/12/2013	05:55	7	NE
18/12/2013	06:00	6	E
18/12/2013	06:05	6	E
18/12/2013	06:10	7	NE
18/12/2013	06:15	8	ENE
18/12/2013	06:20	7	NE
18/12/2013	06:25	7	ENE
18/12/2013	06:30	9	NE
18/12/2013	06:35	7	ENE
18/12/2013	06:40	6	E
18/12/2013	06:45	11	NE
18/12/2013	06:50	9	ENE
18/12/2013	06:55	6	E
18/12/2013	07:00	5	NE
18/12/2013	07:05	5	E
18/12/2013	07:10	6	E
18/12/2013	07:15	6	ENE
18/12/2013	07:20	6	E
18/12/2013	07:25	6	NE
18/12/2013	07:30	6	ENE
18/12/2013	07:35	6	NE
18/12/2013	07:40	6	ENE
18/12/2013	07:45	6	NE
18/12/2013	07:50	5	NE
18/12/2013	07:55	7	NE
18/12/2013	08:00	7	E
18/12/2013	08:05	6	ENE
18/12/2013	08:10	6	E
18/12/2013	08:15	6	E
18/12/2013	03:40	6	E
18/12/2013	03:45	4	E
18/12/2013	03:50	8	E
18/12/2013	03:55	10	E
18/12/2013	04:00	9	E
18/12/2013	04:05	7	E
18/12/2013	04:10	9	E
18/12/2013	04:15	8	E
18/12/2013	04:20	8	E
18/12/2013	04:25	6	E
18/12/2013	04:30	8	E
18/12/2013	09:10	5	ENE
18/12/2013	09:15	6	E
18/12/2013	09:20	6	ENE
18/12/2013	09:25	6	ENE
18/12/2013	09:30	6	E
18/12/2013	09:35	7	E
18/12/2013	09:40	6	ESE
18/12/2013	09:45	7	ESE
18/12/2013	09:50	6	ESE
18/12/2013	09:55	8	E
18/12/2013	10:00	5	E
18/12/2013	10:05	6	E
18/12/2013	10:10	5	ESE
18/12/2013	10:15	4	E
18/12/2013	10:20	6	E
18/12/2013	10:25	7	ENE
18/12/2013	10:30	5	ENE
18/12/2013	10:35	7	ENE
18/12/2013	10:40	7	ENE
18/12/2013	10:45	5	E
18/12/2013	10:50	7	E
18/12/2013	10:55	7	E
18/12/2013	11:00	7	ESE
18/12/2013	11:05	7	E
18/12/2013	11:10	7	E
18/12/2013	11:15	7	ESE
18/12/2013	11:20	6	E
18/12/2013	11:25	7	E
18/12/2013	11:30	8	E
18/12/2013	11:35	7	E
18/12/2013	11:40	9	E
18/12/2013	11:45	7	E
18/12/2013	11:50	9	E
18/12/2013	11:55	8	E
18/12/2013	12:00	8	E
18/12/2013	12:05	6	E
18/12/2013	12:10	8	E
18/12/2013	12:15	8	E
18/12/2013	12:20	8	E
18/12/2013	12:25	8	E
18/12/2013	12:30	8	E
18/12/2013	12:35	8	E
18/12/2013	12:40	8	ESE
18/12/2013	12:45	8	E
18/12/2013	12:50	12	ENE

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
18/12/2013	08:20	7	ENE
18/12/2013	08:25	4	E
18/12/2013	08:30	5	E
18/12/2013	08:35	4	ENE
18/12/2013	08:40	7	NE
18/12/2013	08:45	6	E
18/12/2013	08:50	6	ENE
18/12/2013	08:55	6	ENE
18/12/2013	09:00	7	ENE
18/12/2013	09:05	6	ENE
18/12/2013	13:45	8	ENE
18/12/2013	13:50	10	NE
18/12/2013	13:55	9	NE
18/12/2013	14:00	10	ENE
18/12/2013	14:05	9	NE
18/12/2013	14:10	11	NE
18/12/2013	14:15	10	NE
18/12/2013	14:20	9	NE
18/12/2013	14:25	10	NE
18/12/2013	14:30	10	NE
18/12/2013	14:35	8	NE
18/12/2013	14:40	8	E
18/12/2013	14:45	10	NE
18/12/2013	14:50	10	NE
18/12/2013	14:55	10	NE
18/12/2013	15:00	8	NE
18/12/2013	15:05	8	ENE
18/12/2013	15:10	10	NE
18/12/2013	15:15	9	NE
18/12/2013	15:20	11	NE
18/12/2013	15:25	10	NE
18/12/2013	15:30	8	ENE
18/12/2013	15:35	10	NE
18/12/2013	15:40	10	NE
18/12/2013	15:45	10	ENE
18/12/2013	15:50	7	E
18/12/2013	15:55	8	E
18/12/2013	16:00	8	ENE
18/12/2013	16:05	8	E
18/12/2013	16:10	8	ENE
18/12/2013	16:15	8	E
18/12/2013	16:20	8	E
18/12/2013	16:25	9	E
18/12/2013	16:30	9	ENE
18/12/2013	16:35	8	ENE
18/12/2013	16:40	8	ENE
18/12/2013	16:45	8	E
18/12/2013	16:50	8	E
18/12/2013	16:55	8	ENE
18/12/2013	17:00	7	ENE
18/12/2013	17:05	6	E
18/12/2013	17:10	8	E
18/12/2013	17:15	8	ENE
18/12/2013	17:20	8	E
18/12/2013	17:25	9	E
18/12/2013	17:30	8	NE

Date	Time	Wind Speed (mph)	Wind Direction
18/12/2013	12:55	11	NE
18/12/2013	13:00	10	NE
18/12/2013	13:05	8	E
18/12/2013	13:10	8	NE
18/12/2013	13:15	6	E
18/12/2013	13:20	10	NE
18/12/2013	13:25	11	NE
18/12/2013	13:30	12	NE
18/12/2013	13:35	9	NE
18/12/2013	13:40	9	NE
18/12/2013	18:20	7	ESE
18/12/2013	18:25	7	ESE
18/12/2013	18:30	7	ESE
18/12/2013	18:35	7	ESE
18/12/2013	18:40	8	E
18/12/2013	18:45	8	E
18/12/2013	18:50	7	ESE
18/12/2013	18:55	7	E
18/12/2013	19:00	6	E
18/12/2013	19:05	3	E
18/12/2013	19:10	7	E
18/12/2013	19:15	6	E
18/12/2013	19:20	5	E
18/12/2013	19:25	5	E
18/12/2013	19:30	7	NE
18/12/2013	19:35	6	E
18/12/2013	19:40	5	ENE
18/12/2013	19:45	7	ENE
18/12/2013	19:50	6	ENE
18/12/2013	19:55	4	NE
18/12/2013	20:00	7	E
18/12/2013	20:05	7	NE
18/12/2013	20:10	5	ENE
18/12/2013	20:15	5	E
18/12/2013	20:20	6	E
18/12/2013	20:25	5	E
18/12/2013	20:30	6	E
18/12/2013	20:35	6	E
18/12/2013	20:40	6	E
18/12/2013	20:45	6	E
18/12/2013	20:50	6	E
18/12/2013	20:55	8	ESE
18/12/2013	21:00	7	ESE
18/12/2013	21:05	8	ESE
18/12/2013	21:10	9	ESE
18/12/2013	21:15	8	ESE
18/12/2013	21:20	5	E
18/12/2013	21:25	8	E
18/12/2013	21:30	7	E
18/12/2013	21:35	8	E
18/12/2013	21:40	6	ESE
18/12/2013	21:45	8	E
18/12/2013	21:50	6	ESE
18/12/2013	21:55	7	E
18/12/2013	22:00	6	ESE
18/12/2013	22:05	8	ESE

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
18/12/2013	17:35	7	NE
18/12/2013	17:40	9	ENE
18/12/2013	17:45	8	ESE
18/12/2013	17:50	7	ESE
18/12/2013	17:55	8	ESE
18/12/2013	18:00	9	ESE
18/12/2013	18:05	7	ESE
18/12/2013	18:10	8	E
18/12/2013	18:15	8	E
18/12/2013	22:55	5	SE
18/12/2013	23:00	6	ESE
18/12/2013	23:05	6	ESE
18/12/2013	23:10	7	ESE
18/12/2013	23:15	7	ESE
18/12/2013	23:20	7	SE
18/12/2013	23:25	6	ESE
18/12/2013	23:30	6	ESE
18/12/2013	23:35	7	ESE
18/12/2013	23:40	4	ESE
18/12/2013	23:45	6	ESE
18/12/2013	23:50	6	E
18/12/2013	23:55	5	E
19/12/2013	00:00	6	E
19/12/2013	00:05	6	SE
19/12/2013	00:10	6	E
19/12/2013	00:15	5	E
19/12/2013	00:20	8	E
19/12/2013	00:25	5	E
19/12/2013	00:30	4	ESE
19/12/2013	00:35	3	ENE
19/12/2013	00:40	4	NE
19/12/2013	00:45	5	E
19/12/2013	00:50	5	NE
19/12/2013	00:55	6	NE
19/12/2013	01:00	5	ENE
19/12/2013	01:05	5	E
19/12/2013	01:10	5	E
19/12/2013	01:15	5	E
19/12/2013	01:20	6	ENE
19/12/2013	01:25	6	NE
19/12/2013	01:30	5	ESE
19/12/2013	01:35	3	SSE
19/12/2013	01:40	4	NE
19/12/2013	01:45	4	NE
19/12/2013	01:50	5	NE
19/12/2013	01:55	4	NE
19/12/2013	02:00	4	ENE
19/12/2013	02:05	4	E
19/12/2013	02:10	1	ENE
19/12/2013	02:15	4	NE
19/12/2013	02:20	4	NE
19/12/2013	02:25	2	ESE
19/12/2013	02:30	5	NE
19/12/2013	02:35	3	NE
19/12/2013	02:40	5	ENE
19/12/2013	02:45	4	E
18/12/2013	22:10	9	ESE
18/12/2013	22:15	7	SE
18/12/2013	22:20	7	E
18/12/2013	22:25	7	SE
18/12/2013	22:30	5	SE
18/12/2013	22:35	6	SE
18/12/2013	22:40	5	E
18/12/2013	22:45	6	SE
18/12/2013	22:50	6	E
19/12/2013	03:30	2	NNE
19/12/2013	03:35	6	NE
19/12/2013	03:40	3	E
19/12/2013	03:45	3	E
19/12/2013	03:50	3	E
19/12/2013	03:55	3	ENE
19/12/2013	04:00	6	ESE
19/12/2013	04:05	4	E
19/12/2013	04:10	5	E
19/12/2013	04:15	5	NE
19/12/2013	04:20	4	ENE
19/12/2013	04:25	5	NE
19/12/2013	04:30	1	NE
19/12/2013	04:35	2	E
19/12/2013	04:40	2	ENE
19/12/2013	04:45	2	ESE
19/12/2013	04:50	4	ENE
19/12/2013	04:55	2	SSE
19/12/2013	05:00	2	ENE
19/12/2013	05:05	3	ESE
19/12/2013	05:10	3	NE
19/12/2013	05:15	1	E
19/12/2013	05:20	1	N
19/12/2013	05:25	4	NNE
19/12/2013	05:30	4	NE
19/12/2013	05:35	2	NE
19/12/2013	05:40	3	E
19/12/2013	05:45	2	NE
19/12/2013	05:50	2	E
19/12/2013	05:55	3	E
19/12/2013	06:00	3	ENE
19/12/2013	06:05	3	NE
19/12/2013	06:10	3	ENE
19/12/2013	06:15	2	ENE
19/12/2013	06:20	2	ENE
19/12/2013	06:25	1	SE
19/12/2013	06:30	1	E
19/12/2013	06:35	4	ENE
19/12/2013	06:40	6	NE
19/12/2013	06:45	3	ENE
19/12/2013	06:50	5	NE
19/12/2013	06:55	4	E
19/12/2013	07:00	4	NE
19/12/2013	07:05	2	E
19/12/2013	07:10	2	ESE
19/12/2013	07:15	4	NE
19/12/2013	07:20	4	NE

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
19/12/2013	02:50	5	NE
19/12/2013	02:55	5	NE
19/12/2013	03:00	4	ENE
19/12/2013	03:05	1	NE
19/12/2013	03:10	4	ENE
19/12/2013	03:15	2	E
19/12/2013	03:20	4	NE
19/12/2013	03:25	4	NE
19/12/2013	08:05	3	ESE
19/12/2013	08:10	3	E
19/12/2013	08:15	2	E
19/12/2013	08:20	2	NE
19/12/2013	08:25	2	NNE
19/12/2013	08:30	4	NE
19/12/2013	08:35	4	NE
19/12/2013	08:40	3	ENE
19/12/2013	08:45	1	ENE
19/12/2013	08:50	0	---
19/12/2013	08:55	2	E
19/12/2013	09:00	3	E
19/12/2013	09:05	3	ESE
19/12/2013	09:10	4	ESE
19/12/2013	09:15	2	ESE
19/12/2013	09:20	3	ENE
19/12/2013	09:25	4	E
19/12/2013	09:30	6	E
19/12/2013	09:35	3	NE
19/12/2013	09:40	3	E
19/12/2013	09:45	5	ENE
19/12/2013	09:50	3	ESE
19/12/2013	09:55	3	NE
19/12/2013	10:00	4	ENE
19/12/2013	10:05	4	ENE
19/12/2013	10:10	7	ENE
19/12/2013	10:15	4	ENE
19/12/2013	10:20	5	ENE
19/12/2013	10:25	5	ENE
19/12/2013	10:30	6	NE
19/12/2013	10:35	7	ENE
19/12/2013	10:40	5	E
19/12/2013	10:45	7	E
19/12/2013	10:50	7	ENE
19/12/2013	10:55	8	ENE
19/12/2013	11:00	6	ENE
19/12/2013	11:05	6	ENE
19/12/2013	11:10	5	ENE
19/12/2013	11:15	6	NE
19/12/2013	11:20	8	ENE
19/12/2013	11:25	5	ENE
19/12/2013	11:30	5	ENE
19/12/2013	11:35	7	ENE
19/12/2013	11:40	5	E
19/12/2013	11:45	3	E
19/12/2013	11:50	3	E
19/12/2013	11:55	2	E
19/12/2013	12:00	2	S
19/12/2013	07:25	4	NE
19/12/2013	07:30	7	NE
19/12/2013	07:35	5	NE
19/12/2013	07:40	5	ENE
19/12/2013	07:45	3	E
19/12/2013	07:50	3	ESE
19/12/2013	07:55	2	E
19/12/2013	08:00	3	NE
19/12/2013	12:40	1	E
19/12/2013	12:45	4	E
19/12/2013	12:50	2	E
19/12/2013	12:55	1	SE
19/12/2013	13:00	2	NNW
19/12/2013	13:05	2	NE
19/12/2013	13:10	2	NE
19/12/2013	13:15	4	ENE
19/12/2013	13:20	3	ENE
19/12/2013	13:25	3	ENE
19/12/2013	13:30	3	NE
19/12/2013	13:35	2	NNE
19/12/2013	13:40	4	NE
19/12/2013	13:45	6	NNE
19/12/2013	13:50	7	N
19/12/2013	13:55	7	N
19/12/2013	14:00	6	NNE
19/12/2013	14:05	6	NNE
19/12/2013	14:10	7	N
19/12/2013	14:15	7	NNE
19/12/2013	14:20	7	NNE
19/12/2013	14:25	7	N
19/12/2013	14:30	6	NNE
19/12/2013	14:35	5	N
19/12/2013	14:40	5	N
19/12/2013	14:45	7	N
19/12/2013	14:50	6	N
19/12/2013	14:55	5	N
19/12/2013	15:00	6	NNE
19/12/2013	15:05	8	N
19/12/2013	15:10	6	N
19/12/2013	15:15	5	NE
19/12/2013	15:20	5	NNE
19/12/2013	15:25	7	N
19/12/2013	15:30	5	NE
19/12/2013	15:35	4	E
19/12/2013	15:40	3	NNE
19/12/2013	15:45	4	NE
19/12/2013	15:50	4	E
19/12/2013	15:55	5	E
19/12/2013	16:00	5	E
19/12/2013	16:05	6	NE
19/12/2013	16:10	6	NE
19/12/2013	16:15	4	NE
19/12/2013	16:20	4	NE
19/12/2013	16:25	6	ENE
19/12/2013	16:30	5	ENE
19/12/2013	16:35	2	ENE

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
19/12/2013	12:05	1	ENE
19/12/2013	12:10	1	ENE
19/12/2013	12:15	4	ENE
19/12/2013	12:20	3	NE
19/12/2013	12:25	3	ENE
19/12/2013	12:30	1	E
19/12/2013	12:35	0	ESE
19/12/2013	17:15	6	NE
19/12/2013	17:20	7	NE
19/12/2013	17:25	4	NE
19/12/2013	17:30	5	ENE
19/12/2013	17:35	4	E
19/12/2013	17:40	6	ENE
19/12/2013	17:45	7	NE
19/12/2013	17:50	5	NE
19/12/2013	17:55	5	NE
19/12/2013	18:00	4	NE
19/12/2013	18:05	4	ENE
19/12/2013	18:10	4	ENE
19/12/2013	18:15	3	ENE
19/12/2013	18:20	4	E
19/12/2013	18:25	4	E
19/12/2013	18:30	4	E
19/12/2013	18:35	3	NE
19/12/2013	18:40	5	E
19/12/2013	18:45	3	E
19/12/2013	18:50	4	NE
19/12/2013	18:55	4	NE
19/12/2013	19:00	3	ENE
19/12/2013	19:05	4	NE
19/12/2013	19:10	5	NE
19/12/2013	19:15	3	ENE
19/12/2013	19:20	4	NE
19/12/2013	19:25	4	NE
19/12/2013	19:30	3	NE
19/12/2013	19:35	3	NE
19/12/2013	19:40	2	E
19/12/2013	19:45	2	NNE
19/12/2013	19:50	3	NE
19/12/2013	19:55	3	NE
19/12/2013	20:00	4	E
19/12/2013	20:05	3	ESE
19/12/2013	20:10	5	E
19/12/2013	20:15	4	E
19/12/2013	20:20	4	E
19/12/2013	20:25	4	E
19/12/2013	20:30	4	SE
19/12/2013	20:35	5	SE
19/12/2013	20:40	5	SE
19/12/2013	20:45	4	ESE
19/12/2013	20:50	4	SE
19/12/2013	20:55	3	SE
19/12/2013	21:00	3	ESE
19/12/2013	21:05	1	SE
19/12/2013	21:10	3	SSE
19/12/2013	21:15	2	SE
19/12/2013	16:40	6	ENE
19/12/2013	16:45	7	NE
19/12/2013	16:50	7	NE
19/12/2013	16:55	4	E
19/12/2013	17:00	5	NE
19/12/2013	17:05	5	NE
19/12/2013	17:10	6	NE
19/12/2013	21:50	4	SSE
19/12/2013	21:55	2	SSE
19/12/2013	22:00	4	SSE
19/12/2013	22:05	3	SSE
19/12/2013	22:10	3	SSE
19/12/2013	22:15	1	S
19/12/2013	22:20	2	SSW
19/12/2013	22:25	1	SSW
19/12/2013	22:30	2	SSW
19/12/2013	22:35	2	S
19/12/2013	22:40	1	SSW
19/12/2013	22:45	2	SSW
19/12/2013	22:50	1	S
19/12/2013	22:55	1	W
19/12/2013	23:00	0	W
19/12/2013	23:05	1	S
19/12/2013	23:10	1	WSW
19/12/2013	23:15	0	---
19/12/2013	23:20	0	---
19/12/2013	23:25	0	---
19/12/2013	23:30	0	---
19/12/2013	23:35	0	---
19/12/2013	23:40	1	WNW
19/12/2013	23:45	1	WSW
19/12/2013	23:50	0	SSW
19/12/2013	23:55	0	---
20/12/2013	00:00	0	---
20/12/2013	00:05	0	---
20/12/2013	00:10	0	---
20/12/2013	00:15	0	---
20/12/2013	00:20	0	---
20/12/2013	00:25	0	---
20/12/2013	00:30	0	---
20/12/2013	00:35	0	W
20/12/2013	00:40	2	WNW
20/12/2013	00:45	2	WSW
20/12/2013	00:50	0	SW
20/12/2013	00:55	0	---
20/12/2013	01:00	0	---
20/12/2013	01:05	0	---
20/12/2013	01:10	0	---
20/12/2013	01:15	0	S
20/12/2013	01:20	0	S
20/12/2013	01:25	1	SSE
20/12/2013	01:30	1	SSE
20/12/2013	01:35	0	S
20/12/2013	01:40	0	---
20/12/2013	01:45	0	---
20/12/2013	01:50	2	S

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
19/12/2013	21:20	2	SE
19/12/2013	21:25	5	SSE
19/12/2013	21:30	5	SSE
19/12/2013	21:35	4	SSE
19/12/2013	21:40	5	SSE
19/12/2013	21:45	4	SSE
20/12/2013	02:25	2	S
20/12/2013	02:30	3	SSW
20/12/2013	02:35	2	S
20/12/2013	02:40	3	S
20/12/2013	02:45	3	SSE
20/12/2013	02:50	2	S
20/12/2013	02:55	2	SSW
20/12/2013	03:00	1	SSE
20/12/2013	03:05	2	SSE
20/12/2013	03:10	1	SSE
20/12/2013	03:15	2	SSE
20/12/2013	03:20	2	SSW
20/12/2013	03:25	2	SSW
20/12/2013	03:30	0	NW
20/12/2013	03:35	0	---
20/12/2013	03:40	0	---
20/12/2013	03:45	0	---
20/12/2013	03:50	0	---
20/12/2013	03:55	0	---
20/12/2013	04:00	0	---
20/12/2013	04:05	0	---
20/12/2013	04:10	0	---
20/12/2013	04:15	0	---
20/12/2013	04:20	0	---
20/12/2013	04:25	0	---
20/12/2013	04:30	0	---
20/12/2013	04:35	0	---
20/12/2013	04:40	0	---
20/12/2013	04:45	0	---
20/12/2013	04:50	0	---
20/12/2013	04:55	0	---
20/12/2013	05:00	0	---
20/12/2013	05:05	0	---
20/12/2013	05:10	0	---
20/12/2013	05:15	0	---
20/12/2013	05:20	0	---
20/12/2013	05:25	0	NE
20/12/2013	05:30	1	W
20/12/2013	05:35	1	SSW
20/12/2013	05:40	2	NE
20/12/2013	05:45	4	E
20/12/2013	05:50	2	ENE
20/12/2013	05:55	1	ESE
20/12/2013	06:00	0	SSE
20/12/2013	06:05	0	---
20/12/2013	06:10	1	N
20/12/2013	06:15	2	SE
20/12/2013	06:20	1	WNW
20/12/2013	06:25	3	WNW
20/12/2013	06:30	3	W

Date	Time	Wind Speed (mph)	Wind Direction
20/12/2013	01:55	3	S
20/12/2013	02:00	3	SSE
20/12/2013	02:05	4	SSE
20/12/2013	02:10	4	S
20/12/2013	02:15	4	SSE
20/12/2013	02:20	3	SSE
20/12/2013	07:00	1	SSW
20/12/2013	07:05	1	SSW
20/12/2013	07:10	1	WNW
20/12/2013	07:15	1	WNW
20/12/2013	07:20	0	WNW
20/12/2013	07:25	1	SW
20/12/2013	07:30	1	SE
20/12/2013	07:35	2	E
20/12/2013	07:40	3	E
20/12/2013	07:45	3	E
20/12/2013	07:50	2	E
20/12/2013	07:55	3	E
20/12/2013	08:00	4	E
20/12/2013	08:05	4	E
20/12/2013	08:10	4	E
20/12/2013	08:15	3	E
20/12/2013	08:20	5	E
20/12/2013	08:25	6	E
20/12/2013	08:30	4	E
20/12/2013	08:35	5	E
20/12/2013	08:40	4	E
20/12/2013	08:45	3	E
20/12/2013	08:50	4	E
20/12/2013	08:55	4	E
20/12/2013	09:00	3	E
20/12/2013	09:05	3	E
20/12/2013	09:10	3	ENE
20/12/2013	09:15	2	ENE
20/12/2013	09:20	2	NE
20/12/2013	09:25	2	SE
20/12/2013	09:30	0	---
20/12/2013	09:35	2	E
20/12/2013	09:40	1	E
20/12/2013	09:45	1	E
20/12/2013	09:50	2	ESE
20/12/2013	09:55	2	NNE
20/12/2013	10:00	3	E
20/12/2013	10:05	3	E
20/12/2013	10:10	1	E
20/12/2013	10:15	2	E
20/12/2013	10:20	2	E
20/12/2013	10:25	2	ENE
20/12/2013	10:30	3	E
20/12/2013	10:35	4	E
20/12/2013	10:40	3	E
20/12/2013	10:45	1	E
20/12/2013	10:50	1	E
20/12/2013	10:55	2	E
20/12/2013	11:00	3	E
20/12/2013	11:05	2	ESE

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
20/12/2013	06:35	2	NW
20/12/2013	06:40	1	WNW
20/12/2013	06:45	0	WNW
20/12/2013	06:50	1	SSW
20/12/2013	06:55	1	SSE
20/12/2013	11:35	1	E
20/12/2013	11:40	1	ENE
20/12/2013	11:45	1	SE
20/12/2013	11:50	2	E
20/12/2013	11:55	1	ENE
20/12/2013	12:00	2	E
20/12/2013	12:05	2	NE
20/12/2013	12:10	2	ENE
20/12/2013	12:15	1	NE
20/12/2013	12:20	1	SSE
20/12/2013	12:25	3	NNE
20/12/2013	12:30	5	NNW
20/12/2013	12:35	7	NNW
20/12/2013	12:40	3	NNW
20/12/2013	12:45	3	NE
20/12/2013	12:50	2	SSE
20/12/2013	12:55	4	NNW
20/12/2013	13:00	3	N
20/12/2013	13:05	4	NNW
20/12/2013	13:10	3	N
20/12/2013	13:15	4	N
20/12/2013	13:20	5	NNE
20/12/2013	13:25	6	N
20/12/2013	13:30	6	NNW
20/12/2013	13:35	6	N
20/12/2013	13:40	6	NNE
20/12/2013	13:45	7	NNE
20/12/2013	13:50	6	N
20/12/2013	13:55	5	N
20/12/2013	14:00	5	N
20/12/2013	14:05	7	N
20/12/2013	14:10	7	N
20/12/2013	14:15	8	N
20/12/2013	14:20	8	NNW
20/12/2013	14:25	8	N
20/12/2013	14:30	7	N
20/12/2013	14:35	6	N
20/12/2013	14:40	8	N
20/12/2013	14:45	8	N
20/12/2013	14:50	7	N
20/12/2013	14:55	8	NNE
20/12/2013	15:00	7	N
20/12/2013	15:05	7	N
20/12/2013	15:10	8	N
20/12/2013	15:15	8	N
20/12/2013	15:20	8	N
20/12/2013	15:25	7	N
20/12/2013	15:30	7	NNE
20/12/2013	15:35	7	NNE
20/12/2013	15:40	7	N
20/12/2013	15:45	7	N

Date	Time	Wind Speed (mph)	Wind Direction
20/12/2013	11:10	3	ENE
20/12/2013	11:15	2	SE
20/12/2013	11:20	2	SE
20/12/2013	11:25	3	SE
20/12/2013	11:30	3	E
20/12/2013	16:10	4	NNE
20/12/2013	16:15	6	NNE
20/12/2013	16:20	4	N
20/12/2013	16:25	5	NNE
20/12/2013	16:30	5	N
20/12/2013	16:35	5	NNE
20/12/2013	16:40	6	NNE
20/12/2013	16:45	7	NNE
20/12/2013	16:50	8	NNE
20/12/2013	16:55	6	N
20/12/2013	17:00	5	N
20/12/2013	17:05	5	NNE
20/12/2013	17:10	6	NNE
20/12/2013	17:15	5	NNE
20/12/2013	17:20	5	NNE
20/12/2013	17:25	5	NNE
20/12/2013	17:30	6	NNE
20/12/2013	17:35	3	NNE
20/12/2013	17:40	4	NE
20/12/2013	17:45	5	ENE
20/12/2013	17:50	5	ENE
20/12/2013	17:55	5	ENE
20/12/2013	18:00	6	ENE
20/12/2013	18:05	4	ENE
20/12/2013	18:10	5	ENE
20/12/2013	18:15	5	ENE
20/12/2013	18:20	5	ENE
20/12/2013	18:25	5	ENE
20/12/2013	18:30	5	ENE
20/12/2013	18:35	5	ENE
20/12/2013	18:40	4	ENE
20/12/2013	18:45	5	ENE
20/12/2013	18:50	4	E
20/12/2013	18:55	5	E
20/12/2013	19:00	4	E
20/12/2013	19:05	4	ENE
20/12/2013	19:10	5	ESE
20/12/2013	19:15	4	SE
20/12/2013	19:20	4	SE
20/12/2013	19:25	4	SE
20/12/2013	19:30	4	SE
20/12/2013	19:35	5	SE
20/12/2013	19:40	3	SE
20/12/2013	19:45	2	SE
20/12/2013	19:50	4	ESE
20/12/2013	19:55	4	ESE
20/12/2013	20:00	3	SE
20/12/2013	20:05	2	SE
20/12/2013	20:10	3	ESE
20/12/2013	20:15	3	ESE
20/12/2013	20:20	3	SE

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
20/12/2013	15:50	8	N
20/12/2013	15:55	6	N
20/12/2013	16:00	6	N
20/12/2013	16:05	6	N
20/12/2013	20:45	4	E
20/12/2013	20:50	3	E
20/12/2013	20:55	4	E
20/12/2013	21:00	5	E
20/12/2013	21:05	4	ESE
20/12/2013	21:10	3	SE
20/12/2013	21:15	3	SE
20/12/2013	21:20	3	ESE
20/12/2013	21:25	3	ESE
20/12/2013	21:30	2	ESE
20/12/2013	21:35	3	ESE
20/12/2013	21:40	2	SE
20/12/2013	21:45	2	SE
20/12/2013	21:50	3	SE
20/12/2013	21:55	2	SE
20/12/2013	22:00	3	SE
20/12/2013	22:05	4	SSE
20/12/2013	22:10	3	SSE
20/12/2013	22:15	3	SE
20/12/2013	22:20	3	SE
20/12/2013	22:25	4	SE
20/12/2013	22:30	4	SE
20/12/2013	22:35	3	SE
20/12/2013	22:40	5	SE
20/12/2013	22:45	4	SSE
20/12/2013	22:50	2	SE
20/12/2013	22:55	3	ESE
20/12/2013	23:00	3	SE
20/12/2013	23:05	2	SE
20/12/2013	23:10	2	ESE
20/12/2013	23:15	2	SE
20/12/2013	23:20	2	ESE
20/12/2013	23:25	0	SSE
20/12/2013	23:30	2	SSE
20/12/2013	23:35	0	---
20/12/2013	23:40	0	---
20/12/2013	23:45	0	---
20/12/2013	23:50	0	---
20/12/2013	23:55	0	SE
21/12/2013	00:00	2	E
21/12/2013	00:05	3	ENE
21/12/2013	00:10	3	SE
21/12/2013	00:15	1	ESE
21/12/2013	00:20	0	E
21/12/2013	00:25	2	E
21/12/2013	00:30	2	NNE
21/12/2013	00:35	1	WSW
21/12/2013	00:40	1	WNW
21/12/2013	00:45	0	---
21/12/2013	00:50	0	---
21/12/2013	00:55	0	---
21/12/2013	01:00	0	---
20/12/2013	20:25	4	ESE
20/12/2013	20:30	4	SE
20/12/2013	20:35	3	SE
20/12/2013	20:40	3	ESE
21/12/2013	01:20	0	SW
21/12/2013	01:25	0	---
21/12/2013	01:30	0	WSW
21/12/2013	01:35	1	ESE
21/12/2013	01:40	3	E
21/12/2013	01:45	1	SSE
21/12/2013	01:50	1	ESE
21/12/2013	01:55	4	E
21/12/2013	02:00	5	ESE
21/12/2013	02:05	4	E
21/12/2013	02:10	4	E
21/12/2013	02:15	3	SE
21/12/2013	02:20	2	SSW
21/12/2013	02:25	2	SSW
21/12/2013	02:30	2	SSW
21/12/2013	02:35	1	SW
21/12/2013	02:40	0	SSE
21/12/2013	02:45	3	S
21/12/2013	02:50	3	SSE
21/12/2013	02:55	4	SSE
21/12/2013	03:00	4	SSE
21/12/2013	03:05	4	SE
21/12/2013	03:10	4	SSE
21/12/2013	03:15	4	SSE
21/12/2013	03:20	4	SSE
21/12/2013	03:25	3	SE
21/12/2013	03:30	2	SE
21/12/2013	03:35	1	ESE
21/12/2013	03:40	1	SSE
21/12/2013	03:45	2	SE
21/12/2013	03:50	2	S
21/12/2013	03:55	1	SSE
21/12/2013	04:00	2	SSE
21/12/2013	04:05	2	SSE
21/12/2013	04:10	1	S
21/12/2013	04:15	2	E
21/12/2013	04:20	3	E
21/12/2013	04:25	3	E
21/12/2013	04:30	3	ESE
21/12/2013	04:35	2	E
21/12/2013	04:40	2	E
21/12/2013	04:45	2	SSE
21/12/2013	04:50	1	S
21/12/2013	04:55	1	SE
21/12/2013	05:00	3	SE
21/12/2013	05:05	2	E
21/12/2013	05:10	4	ENE
21/12/2013	05:15	2	ENE
21/12/2013	05:20	3	ESE
21/12/2013	05:25	2	SE
21/12/2013	05:30	2	S
21/12/2013	05:35	4	ESE

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
21/12/2013	01:05	0	---
21/12/2013	01:10	0	---
21/12/2013	01:15	0	WNW
21/12/2013	05:55	2	NE
21/12/2013	06:00	3	E
21/12/2013	06:05	4	E
21/12/2013	06:10	6	E
21/12/2013	06:15	3	E
21/12/2013	06:20	4	ESE
21/12/2013	06:25	6	E
21/12/2013	06:30	5	E
21/12/2013	06:35	4	ESE
21/12/2013	06:40	5	ESE
21/12/2013	06:45	6	E
21/12/2013	06:50	4	E
21/12/2013	06:55	3	SE
21/12/2013	07:00	3	ESE
21/12/2013	07:05	5	ESE
21/12/2013	07:10	5	E
21/12/2013	07:15	5	ESE
21/12/2013	07:20	5	E
21/12/2013	07:25	5	E
21/12/2013	07:30	4	E
21/12/2013	07:35	4	E
21/12/2013	07:40	3	ESE
21/12/2013	07:45	4	E
21/12/2013	07:50	3	SE
21/12/2013	07:55	2	ESE
21/12/2013	08:00	3	ESE
21/12/2013	08:05	3	E
21/12/2013	08:10	3	NE
21/12/2013	08:15	1	E
21/12/2013	08:20	2	SE
21/12/2013	08:25	2	SE
21/12/2013	08:30	1	SE
21/12/2013	08:35	1	ESE
21/12/2013	08:40	5	ENE
21/12/2013	08:45	3	ENE
21/12/2013	08:50	5	ENE
21/12/2013	08:55	4	ENE
21/12/2013	09:00	5	NE
21/12/2013	09:05	1	NE
21/12/2013	09:10	4	ENE
21/12/2013	09:15	3	ENE
21/12/2013	09:20	2	ENE
21/12/2013	09:25	1	E
21/12/2013	09:30	1	ESE
21/12/2013	09:35	2	ENE
21/12/2013	09:40	4	NE
21/12/2013	09:45	5	NE
21/12/2013	09:50	7	ENE
21/12/2013	09:55	6	ENE
21/12/2013	10:00	6	ENE
21/12/2013	10:05	5	ENE
21/12/2013	10:10	5	ENE
21/12/2013	10:15	5	ENE
21/12/2013	05:40	4	SE
21/12/2013	05:45	2	ESE
21/12/2013	05:50	3	E
21/12/2013	10:30	5	E
21/12/2013	10:35	4	ESE
21/12/2013	10:40	3	E
21/12/2013	10:45	4	E
21/12/2013	10:50	5	E
21/12/2013	10:55	5	E
21/12/2013	11:00	5	E
21/12/2013	11:05	5	E
21/12/2013	11:10	4	E
21/12/2013	11:15	4	E
21/12/2013	11:20	5	ENE
21/12/2013	11:25	5	ENE
21/12/2013	11:30	3	ENE
21/12/2013	11:35	3	E
21/12/2013	11:40	3	E
25/12/2013	11:35	3	N
25/12/2013	11:40	4	NNE
25/12/2013	11:45	3	N
25/12/2013	11:50	3	NNE
25/12/2013	11:55	6	N
25/12/2013	12:00	6	N
25/12/2013	12:05	5	NNE
25/12/2013	12:10	6	N
25/12/2013	12:15	6	N
25/12/2013	12:20	4	N
25/12/2013	12:25	6	NNW
25/12/2013	12:30	5	N
25/12/2013	12:35	5	N
25/12/2013	12:40	5	NNW
25/12/2013	12:45	5	N
25/12/2013	12:50	4	N
25/12/2013	12:55	3	NNE
25/12/2013	13:00	3	NE
25/12/2013	13:05	3	NNW
25/12/2013	13:10	3	N
25/12/2013	13:15	5	N
25/12/2013	13:20	4	NNE
25/12/2013	13:25	4	N
25/12/2013	13:30	5	NNE
25/12/2013	13:35	5	N
25/12/2013	13:40	4	NE
25/12/2013	13:45	4	NNE
25/12/2013	13:50	4	NNE
25/12/2013	13:55	4	N
25/12/2013	14:00	3	N
25/12/2013	14:05	3	N
25/12/2013	14:10	3	N
25/12/2013	14:15	3	N
25/12/2013	14:20	5	N
25/12/2013	14:25	5	NNW
25/12/2013	14:30	5	N
25/12/2013	14:35	5	N
25/12/2013	14:40	4	NNE

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
21/12/2013	10:20	3	ENE
21/12/2013	10:25	4	E
25/12/2013	14:55	5	NNW
25/12/2013	15:00	3	NNW
25/12/2013	15:05	3	NNW
25/12/2013	15:10	4	NNE
25/12/2013	15:15	5	N
25/12/2013	15:20	5	NNW
25/12/2013	15:25	6	NNW
25/12/2013	15:30	7	NNW
25/12/2013	15:35	4	NNE
25/12/2013	15:40	6	NNW
25/12/2013	15:45	7	N
25/12/2013	15:50	7	N
25/12/2013	15:55	7	N
25/12/2013	16:00	6	NNW
25/12/2013	16:05	4	NNW
25/12/2013	16:10	5	NNW
25/12/2013	16:15	5	NNW
25/12/2013	16:20	6	NNW
25/12/2013	16:25	5	NNW
25/12/2013	16:30	4	NNW
25/12/2013	16:35	5	NNW
25/12/2013	16:40	4	NW
25/12/2013	16:45	3	NNW
25/12/2013	16:50	3	NNW
25/12/2013	16:55	1	WNW
25/12/2013	17:00	2	WNW
25/12/2013	17:05	1	WNW
25/12/2013	17:10	1	SW
25/12/2013	17:15	1	SW
25/12/2013	17:20	2	NW
25/12/2013	17:25	1	NW
25/12/2013	17:30	2	W
25/12/2013	17:35	2	WNW
25/12/2013	17:40	3	WNW
25/12/2013	17:45	1	W
25/12/2013	17:50	2	WNW
25/12/2013	17:55	3	W
25/12/2013	18:00	3	W
25/12/2013	18:05	4	W
25/12/2013	18:10	3	WNW
25/12/2013	18:15	1	WNW
25/12/2013	18:20	1	NW
25/12/2013	18:25	3	WNW
25/12/2013	18:30	2	W
25/12/2013	18:35	2	WNW
25/12/2013	18:40	3	WNW
25/12/2013	18:45	3	W
25/12/2013	18:50	3	WSW
25/12/2013	18:55	1	S
25/12/2013	19:00	3	WNW
25/12/2013	19:05	3	W
25/12/2013	19:10	2	WNW
25/12/2013	19:15	1	WNW
25/12/2013	19:20	3	W

Date	Time	Wind Speed (mph)	Wind Direction
25/12/2013	14:45	5	NNW
25/12/2013	14:50	5	N
25/12/2013	19:30	2	W
25/12/2013	19:35	1	W
25/12/2013	19:40	0	WSW
25/12/2013	19:45	0	WSW
25/12/2013	19:50	0	---
25/12/2013	19:55	0	WSW
25/12/2013	20:00	0	---
25/12/2013	20:05	0	---
25/12/2013	20:10	0	---
25/12/2013	20:15	0	---
25/12/2013	20:20	0	---
25/12/2013	20:25	0	---
25/12/2013	20:30	0	---
25/12/2013	20:35	0	---
25/12/2013	20:40	0	---
25/12/2013	20:45	0	WSW
25/12/2013	20:50	0	WSW
25/12/2013	20:55	0	W
25/12/2013	21:00	0	---
25/12/2013	21:05	0	---
25/12/2013	21:10	0	---
25/12/2013	21:15	0	---
25/12/2013	21:20	0	---
25/12/2013	21:25	1	W
25/12/2013	21:30	0	---
25/12/2013	21:35	0	---
25/12/2013	21:40	1	W
25/12/2013	21:45	2	WSW
25/12/2013	21:50	1	W
25/12/2013	21:55	2	W
25/12/2013	22:00	2	SW
25/12/2013	22:05	0	SW
25/12/2013	22:10	2	W
25/12/2013	22:15	1	SW
25/12/2013	22:20	0	---
25/12/2013	22:25	0	---
25/12/2013	22:30	0	---
25/12/2013	22:35	0	---
25/12/2013	22:40	0	---
25/12/2013	22:45	0	---
25/12/2013	22:50	0	---
25/12/2013	22:55	1	S
25/12/2013	23:00	1	SSW
25/12/2013	23:05	2	SSW
25/12/2013	23:10	0	S
25/12/2013	23:15	0	---
25/12/2013	23:20	0	S
25/12/2013	23:25	0	SSE
25/12/2013	23:30	1	SSE
25/12/2013	23:35	2	S
25/12/2013	23:40	0	SSE
25/12/2013	23:45	1	SSE
25/12/2013	23:50	2	ESE
25/12/2013	23:55	3	E

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
25/12/2013	19:25	2	W
26/12/2013	00:05	3	SE
26/12/2013	00:10	4	SE
26/12/2013	00:15	2	ESE
26/12/2013	00:20	4	E
26/12/2013	00:25	4	E
26/12/2013	00:30	3	E
26/12/2013	00:35	1	E
26/12/2013	00:40	3	ENE
26/12/2013	00:45	3	ENE
26/12/2013	00:50	2	E
26/12/2013	00:55	2	ENE
26/12/2013	01:00	2	E
26/12/2013	01:05	1	E
26/12/2013	01:10	2	ENE
26/12/2013	01:15	1	NE
26/12/2013	01:20	0	E
26/12/2013	01:25	0	E
26/12/2013	01:30	1	SSE
26/12/2013	01:35	1	S
26/12/2013	01:40	2	S
26/12/2013	01:45	3	SE
26/12/2013	01:50	4	SSE
26/12/2013	01:55	2	SSE
26/12/2013	02:00	3	SSE
26/12/2013	02:05	3	SE
26/12/2013	02:10	3	SSE
26/12/2013	02:15	2	SE
26/12/2013	02:20	1	SE
26/12/2013	02:25	1	ESE
26/12/2013	02:30	1	ESE
26/12/2013	02:35	1	NNW
26/12/2013	02:40	2	WNW
26/12/2013	02:45	3	WNW
26/12/2013	02:50	1	WNW
26/12/2013	02:55	0	---
26/12/2013	03:00	1	W
26/12/2013	03:05	1	SW
26/12/2013	03:10	1	S
26/12/2013	03:15	1	W
26/12/2013	03:20	0	W
26/12/2013	03:25	0	---
26/12/2013	03:30	1	W
26/12/2013	03:35	0	W
26/12/2013	03:40	0	W
26/12/2013	03:45	0	---
26/12/2013	03:50	0	---
26/12/2013	03:55	1	W
26/12/2013	04:00	0	W
26/12/2013	04:05	1	W
26/12/2013	04:10	1	W
26/12/2013	04:15	0	NW
26/12/2013	04:20	0	W
26/12/2013	04:25	2	W
26/12/2013	04:30	2	E
26/12/2013	04:35	2	SE
26/12/2013	04:40	2	E
26/12/2013	04:45	3	E
26/12/2013	04:50	4	ESE
26/12/2013	04:55	2	SSE
26/12/2013	05:00	0	SSE
26/12/2013	05:05	0	SW
26/12/2013	05:10	2	SW
26/12/2013	05:15	2	S
26/12/2013	05:20	2	S
26/12/2013	05:25	1	S
26/12/2013	05:30	1	S
26/12/2013	05:35	2	S
26/12/2013	05:40	2	SSE
26/12/2013	05:45	2	ENE
26/12/2013	05:50	1	S
26/12/2013	05:55	0	S
26/12/2013	06:00	1	S
26/12/2013	06:05	1	SSW
26/12/2013	06:10	1	SSE
26/12/2013	06:15	3	ESE
26/12/2013	06:20	1	SE
26/12/2013	06:25	1	ESE
26/12/2013	06:30	2	ENE
26/12/2013	06:35	1	SSE
26/12/2013	06:40	2	SSE
26/12/2013	06:45	2	SSE
26/12/2013	06:50	3	S
26/12/2013	06:55	3	S
26/12/2013	07:00	4	S
26/12/2013	07:05	4	SE
26/12/2013	07:10	1	SSE
26/12/2013	07:15	3	SSE
26/12/2013	07:20	3	SE
26/12/2013	07:25	3	ESE
26/12/2013	07:30	4	ESE
26/12/2013	07:35	1	SSE
26/12/2013	07:40	1	SSE
26/12/2013	07:45	1	WSW
26/12/2013	07:50	3	W
26/12/2013	07:55	1	SW
26/12/2013	08:00	2	SSW
26/12/2013	08:05	1	SSW
26/12/2013	08:10	1	S
26/12/2013	08:15	3	SE
26/12/2013	08:20	3	SSE
26/12/2013	08:25	4	SE
26/12/2013	08:30	3	SSE
26/12/2013	08:35	2	E
26/12/2013	08:40	2	SE
26/12/2013	08:45	3	SE
26/12/2013	08:50	3	ESE
26/12/2013	08:55	3	SSE
26/12/2013	09:00	5	E
26/12/2013	09:05	3	ESE
26/12/2013	09:10	4	ESE

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
26/12/2013	09:15	4	ESE
26/12/2013	09:20	4	E
26/12/2013	09:25	3	SSE
26/12/2013	09:30	3	ESE
26/12/2013	09:35	3	ESE
26/12/2013	09:40	4	E
26/12/2013	09:45	2	ENE
26/12/2013	09:50	4	SE
26/12/2013	09:55	3	NNE
26/12/2013	10:00	4	N
26/12/2013	10:05	4	NNE
26/12/2013	10:10	5	NNE
26/12/2013	10:15	5	NNE
26/12/2013	10:20	5	NE
26/12/2013	10:25	5	NE
26/12/2013	10:30	5	NNE
26/12/2013	10:35	5	N
26/12/2013	10:40	6	NNE
26/12/2013	10:45	4	NNE
26/12/2013	10:50	4	NNE
26/12/2013	10:55	3	NNE
26/12/2013	11:00	3	NE
26/12/2013	11:05	4	NNE
26/12/2013	11:10	3	NNE
26/12/2013	11:15	4	N
26/12/2013	11:20	3	N
26/12/2013	11:25	4	NNE
26/12/2013	11:30	3	NNE
26/12/2013	11:35	2	NNW
26/12/2013	11:40	3	NNE
26/12/2013	11:45	3	NNE
26/12/2013	11:50	4	NNE
26/12/2013	11:55	4	N
26/12/2013	12:00	2	NE
26/12/2013	12:05	4	N
26/12/2013	12:10	3	N
26/12/2013	12:15	5	NNE
26/12/2013	12:20	4	NNE
26/12/2013	12:25	5	NNE
26/12/2013	12:30	4	N
26/12/2013	12:35	5	N
26/12/2013	12:40	4	NNE
26/12/2013	12:45	4	NNE
26/12/2013	12:50	5	NNE
26/12/2013	12:55	1	N
26/12/2013	13:00	3	N
26/12/2013	13:05	5	NNE
26/12/2013	13:10	4	NE
26/12/2013	13:15	4	ENE
26/12/2013	13:20	4	NE
26/12/2013	13:25	3	NE
26/12/2013	13:30	4	NE
26/12/2013	13:35	5	NE
26/12/2013	13:40	5	NNE
26/12/2013	13:45	6	N
26/12/2013	18:25	2	E

Date	Time	Wind Speed (mph)	Wind Direction
26/12/2013	13:50	5	NE
26/12/2013	13:55	3	ENE
26/12/2013	14:00	2	E
26/12/2013	14:05	3	E
26/12/2013	14:10	4	E
26/12/2013	14:15	3	E
26/12/2013	14:20	4	ENE
26/12/2013	14:25	5	NE
26/12/2013	14:30	4	ENE
26/12/2013	14:35	6	ENE
26/12/2013	14:40	5	ENE
26/12/2013	14:45	7	ENE
26/12/2013	14:50	6	E
26/12/2013	14:55	5	NE
26/12/2013	15:00	4	ESE
26/12/2013	15:05	5	E
26/12/2013	15:10	4	E
26/12/2013	15:15	5	ENE
26/12/2013	15:20	5	E
26/12/2013	15:25	4	E
26/12/2013	15:30	4	E
26/12/2013	15:35	6	E
26/12/2013	15:40	4	E
26/12/2013	15:45	4	E
26/12/2013	15:50	4	E
26/12/2013	15:55	4	E
26/12/2013	16:00	5	E
26/12/2013	16:05	5	E
26/12/2013	16:10	4	ENE
26/12/2013	16:15	5	E
26/12/2013	16:20	3	E
26/12/2013	16:25	4	E
26/12/2013	16:30	6	ESE
26/12/2013	16:35	4	ESE
26/12/2013	16:40	6	ESE
26/12/2013	16:45	6	E
26/12/2013	16:50	6	ENE
26/12/2013	16:55	5	E
26/12/2013	17:00	6	E
26/12/2013	17:05	5	E
26/12/2013	17:10	4	ESE
26/12/2013	17:15	4	E
26/12/2013	17:20	4	ENE
26/12/2013	17:25	5	E
26/12/2013	17:30	6	E
26/12/2013	17:35	6	E
26/12/2013	17:40	5	E
26/12/2013	17:45	5	E
26/12/2013	17:50	5	E
26/12/2013	17:55	4	E
26/12/2013	18:00	5	ENE
26/12/2013	18:05	4	ENE
26/12/2013	18:10	4	ENE
26/12/2013	18:15	3	ENE
26/12/2013	18:20	2	ENE
26/12/2013	23:00	7	SE

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
26/12/2013	18:30	2	ESE
26/12/2013	18:35	1	S
26/12/2013	18:40	3	ESE
26/12/2013	18:45	2	ESE
26/12/2013	18:50	4	SE
26/12/2013	18:55	2	ESE
26/12/2013	19:00	4	ESE
26/12/2013	19:05	4	E
26/12/2013	19:10	2	ESE
26/12/2013	19:15	4	ESE
26/12/2013	19:20	2	ESE
26/12/2013	19:25	1	SE
26/12/2013	19:30	2	E
26/12/2013	19:35	3	E
26/12/2013	19:40	6	SE
26/12/2013	19:45	4	SE
26/12/2013	19:50	5	SSE
26/12/2013	19:55	5	SSE
26/12/2013	20:00	6	SE
26/12/2013	20:05	6	SE
26/12/2013	20:10	5	SE
26/12/2013	20:15	6	SE
26/12/2013	20:20	6	SE
26/12/2013	20:25	6	SE
26/12/2013	20:30	5	SE
26/12/2013	20:35	5	SE
26/12/2013	20:40	5	SE
26/12/2013	20:45	5	SE
26/12/2013	20:50	5	SE
26/12/2013	20:55	7	SE
26/12/2013	21:00	5	SE
26/12/2013	21:05	6	SE
26/12/2013	21:10	7	SE
26/12/2013	21:15	3	SE
26/12/2013	21:20	5	SE
26/12/2013	21:25	6	SE
26/12/2013	21:30	6	SE
26/12/2013	21:35	7	SE
26/12/2013	21:40	6	SE
26/12/2013	21:45	6	SE
26/12/2013	21:50	6	SE
26/12/2013	21:55	4	SE
26/12/2013	22:00	5	SE
26/12/2013	22:05	5	SE
26/12/2013	22:10	7	SE
26/12/2013	22:15	6	SE
26/12/2013	22:20	5	SE
26/12/2013	22:25	7	SE
26/12/2013	22:30	7	SE
26/12/2013	22:35	7	SE
26/12/2013	22:40	8	SE
26/12/2013	22:45	8	SE
26/12/2013	22:50	8	SE
26/12/2013	22:55	9	SE
27/12/2013	03:35	6	ENE
27/12/2013	03:40	5	E

Date	Time	Wind Speed (mph)	Wind Direction
26/12/2013	23:05	7	SE
26/12/2013	23:10	8	ESE
26/12/2013	23:15	5	SE
26/12/2013	23:20	8	SSE
26/12/2013	23:25	9	SE
26/12/2013	23:30	9	SE
26/12/2013	23:35	7	SE
26/12/2013	23:40	6	SE
26/12/2013	23:45	7	SE
26/12/2013	23:50	8	ESE
26/12/2013	23:55	6	ESE
27/12/2013	00:00	8	ESE
27/12/2013	00:05	8	ESE
27/12/2013	00:10	4	ENE
27/12/2013	00:15	5	SE
27/12/2013	00:20	2	SE
27/12/2013	00:25	4	E
27/12/2013	00:30	1	SSE
27/12/2013	00:35	0	---
27/12/2013	00:40	3	ESE
27/12/2013	00:45	5	ENE
27/12/2013	00:50	5	ENE
27/12/2013	00:55	5	ENE
27/12/2013	01:00	3	ENE
27/12/2013	01:05	1	E
27/12/2013	01:10	2	ENE
27/12/2013	01:15	2	NE
27/12/2013	01:20	3	SE
27/12/2013	01:25	2	SSE
27/12/2013	01:30	4	SSE
27/12/2013	01:35	5	SSE
27/12/2013	01:40	2	SSE
27/12/2013	01:45	5	SSE
27/12/2013	01:50	6	SSE
27/12/2013	01:55	8	SE
27/12/2013	02:00	6	SE
27/12/2013	02:05	5	SE
27/12/2013	02:10	4	SE
27/12/2013	02:15	6	ESE
27/12/2013	02:20	2	SSW
27/12/2013	02:25	3	E
27/12/2013	02:30	4	SE
27/12/2013	02:35	4	E
27/12/2013	02:40	2	SSE
27/12/2013	02:45	7	SSE
27/12/2013	02:50	3	SSE
27/12/2013	02:55	4	ENE
27/12/2013	03:00	3	E
27/12/2013	03:05	2	SE
27/12/2013	03:10	3	NE
27/12/2013	03:15	4	E
27/12/2013	03:20	5	E
27/12/2013	03:25	6	SE
27/12/2013	03:30	3	S
27/12/2013	08:10	8	SE
27/12/2013	08:15	6	ESE

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
27/12/2013	03:45	3	ESE
27/12/2013	03:50	4	ENE
27/12/2013	03:55	6	ENE
27/12/2013	04:00	9	ENE
27/12/2013	04:05	7	ENE
27/12/2013	04:10	6	E
27/12/2013	04:15	7	E
27/12/2013	04:20	7	ENE
27/12/2013	04:25	5	SE
27/12/2013	04:30	7	ESE
27/12/2013	04:35	7	E
27/12/2013	04:40	6	ENE
27/12/2013	04:45	5	E
27/12/2013	04:50	6	SE
27/12/2013	04:55	5	E
27/12/2013	05:00	5	E
27/12/2013	05:05	6	ESE
27/12/2013	05:10	5	SSE
27/12/2013	05:15	3	ESE
27/12/2013	05:20	4	ESE
27/12/2013	05:25	4	E
27/12/2013	05:30	4	ENE
27/12/2013	05:35	2	ESE
27/12/2013	05:40	5	SE
27/12/2013	05:45	4	SSE
27/12/2013	05:50	2	ESE
27/12/2013	05:55	6	ESE
27/12/2013	06:00	4	ESE
27/12/2013	06:05	5	SSE
27/12/2013	06:10	4	ESE
27/12/2013	06:15	2	ESE
27/12/2013	06:20	3	ESE
27/12/2013	06:25	3	SE
27/12/2013	06:30	5	ESE
27/12/2013	06:35	5	ESE
27/12/2013	06:40	8	SSE
27/12/2013	06:45	6	ESE
27/12/2013	06:50	5	SE
27/12/2013	06:55	6	E
27/12/2013	07:00	2	SSE
27/12/2013	07:05	6	SSE
27/12/2013	07:10	6	SE
27/12/2013	07:15	6	SE
27/12/2013	07:20	5	SSE
27/12/2013	07:25	6	SE
27/12/2013	07:30	6	ESE
27/12/2013	07:35	4	SE
27/12/2013	07:40	6	SE
27/12/2013	07:45	5	SE
27/12/2013	07:50	7	SSE
27/12/2013	07:55	6	ESE
27/12/2013	08:00	6	ESE
27/12/2013	08:05	6	E
27/12/2013	12:45	8	E
27/12/2013	12:50	8	E
27/12/2013	12:55	6	ESE
27/12/2013	08:20	6	E
27/12/2013	08:25	6	SE
27/12/2013	08:30	7	ESE
27/12/2013	08:35	6	ESE
27/12/2013	08:40	6	SE
27/12/2013	08:45	6	ESE
27/12/2013	08:50	7	E
27/12/2013	08:55	7	E
27/12/2013	09:00	7	ESE
27/12/2013	09:05	8	E
27/12/2013	09:10	8	E
27/12/2013	09:15	7	E
27/12/2013	09:20	6	ESE
27/12/2013	09:25	6	ESE
27/12/2013	09:30	7	E
27/12/2013	09:35	7	E
27/12/2013	09:40	8	ESE
27/12/2013	09:45	6	E
27/12/2013	09:50	7	ESE
27/12/2013	09:55	8	E
27/12/2013	10:00	8	E
27/12/2013	10:05	9	E
27/12/2013	10:10	9	E
27/12/2013	10:15	7	E
27/12/2013	10:20	6	E
27/12/2013	10:25	7	E
27/12/2013	10:30	6	E
27/12/2013	10:35	5	E
27/12/2013	10:40	7	E
27/12/2013	10:45	6	E
27/12/2013	10:50	7	E
27/12/2013	10:55	8	E
27/12/2013	11:00	8	E
27/12/2013	11:05	8	E
27/12/2013	11:10	7	E
27/12/2013	11:15	7	E
27/12/2013	11:20	7	E
27/12/2013	11:25	8	E
27/12/2013	11:30	8	E
27/12/2013	11:35	8	ESE
27/12/2013	11:40	9	E
27/12/2013	11:45	6	ESE
27/12/2013	11:50	5	E
27/12/2013	11:55	6	E
27/12/2013	12:00	6	ESE
27/12/2013	12:05	8	E
27/12/2013	12:10	8	E
27/12/2013	12:15	10	E
27/12/2013	12:20	8	ESE
27/12/2013	12:25	8	ESE
27/12/2013	12:30	10	E
27/12/2013	12:35	8	ESE
27/12/2013	12:40	7	ESE
27/12/2013	17:20	4	E
27/12/2013	17:25	5	E
27/12/2013	17:30	4	ESE

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
27/12/2013	13:00	9	E
27/12/2013	13:05	6	E
27/12/2013	13:10	7	E
27/12/2013	13:15	6	E
27/12/2013	13:20	6	E
27/12/2013	13:25	6	ESE
27/12/2013	13:30	7	E
27/12/2013	13:35	7	E
27/12/2013	13:40	6	E
27/12/2013	13:45	6	E
27/12/2013	13:50	7	E
27/12/2013	13:55	5	E
27/12/2013	14:00	6	E
27/12/2013	14:05	5	E
27/12/2013	14:10	5	E
27/12/2013	14:15	5	E
27/12/2013	14:20	4	E
27/12/2013	14:25	3	E
27/12/2013	14:30	5	E
27/12/2013	14:35	4	E
27/12/2013	14:40	6	E
27/12/2013	14:45	3	ENE
27/12/2013	14:50	5	E
27/12/2013	14:55	3	ENE
27/12/2013	15:00	4	E
27/12/2013	15:05	3	E
27/12/2013	15:10	4	E
27/12/2013	15:15	4	E
27/12/2013	15:20	4	ENE
27/12/2013	15:25	6	NE
27/12/2013	15:30	5	NE
27/12/2013	15:35	4	E
27/12/2013	15:40	6	NE
27/12/2013	15:45	5	ENE
27/12/2013	15:50	5	ENE
27/12/2013	15:55	8	ENE
27/12/2013	16:00	5	ENE
27/12/2013	16:05	5	ENE
27/12/2013	16:10	4	ENE
27/12/2013	16:15	7	NE
27/12/2013	16:20	6	NE
27/12/2013	16:25	4	NE
27/12/2013	16:30	3	E
27/12/2013	16:35	5	NE
27/12/2013	16:40	4	NE
27/12/2013	16:45	4	NE
27/12/2013	16:50	5	E
27/12/2013	16:55	3	E
27/12/2013	17:00	3	E
27/12/2013	17:05	4	E
27/12/2013	17:10	5	E
27/12/2013	17:15	4	E
27/12/2013	21:55	4	S
27/12/2013	22:00	4	SSE
27/12/2013	22:05	4	SSE
27/12/2013	22:10	2	S

Date	Time	Wind Speed (mph)	Wind Direction
27/12/2013	17:35	3	E
27/12/2013	17:40	3	ENE
27/12/2013	17:45	4	NE
27/12/2013	17:50	7	NE
27/12/2013	17:55	5	ENE
27/12/2013	18:00	4	NE
27/12/2013	18:05	5	ENE
27/12/2013	18:10	5	ENE
27/12/2013	18:15	4	ENE
27/12/2013	18:20	5	ENE
27/12/2013	18:25	4	ENE
27/12/2013	18:30	5	ENE
27/12/2013	18:35	6	NE
27/12/2013	18:40	5	ENE
27/12/2013	18:45	3	NE
27/12/2013	18:50	4	E
27/12/2013	18:55	5	E
27/12/2013	19:00	4	E
27/12/2013	19:05	4	E
27/12/2013	19:10	5	E
27/12/2013	19:15	3	E
27/12/2013	19:20	4	ENE
27/12/2013	19:25	2	ENE
27/12/2013	19:30	2	ESE
27/12/2013	19:35	4	E
27/12/2013	19:40	4	E
27/12/2013	19:45	5	E
27/12/2013	19:50	3	SE
27/12/2013	19:55	3	ESE
27/12/2013	20:00	4	ESE
27/12/2013	20:05	4	SE
27/12/2013	20:10	3	SE
27/12/2013	20:15	2	SE
27/12/2013	20:20	2	SE
27/12/2013	20:25	3	S
27/12/2013	20:30	3	S
27/12/2013	20:35	3	SSE
27/12/2013	20:40	3	SSW
27/12/2013	20:45	2	SSE
27/12/2013	20:50	2	SSE
27/12/2013	20:55	2	S
27/12/2013	21:00	2	S
27/12/2013	21:05	2	SSW
27/12/2013	21:10	3	SSE
27/12/2013	21:15	2	SSE
27/12/2013	21:20	3	SSE
27/12/2013	21:25	3	S
27/12/2013	21:30	4	SSE
27/12/2013	21:35	3	SSE
27/12/2013	21:40	4	SSE
27/12/2013	21:45	6	SSE
27/12/2013	21:50	5	S
28/12/2013	02:30	0	---
28/12/2013	02:35	0	---
28/12/2013	02:40	0	---
28/12/2013	02:45	1	W

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
27/12/2013	22:15	2	SE
27/12/2013	22:20	1	SSE
27/12/2013	22:25	3	ENE
27/12/2013	22:30	3	SSE
27/12/2013	22:35	1	SE
27/12/2013	22:40	4	E
27/12/2013	22:45	4	ENE
27/12/2013	22:50	1	SSE
27/12/2013	22:55	1	W
27/12/2013	23:00	1	SSE
27/12/2013	23:05	1	S
27/12/2013	23:10	1	S
27/12/2013	23:15	1	WSW
27/12/2013	23:20	1	SSE
27/12/2013	23:25	2	WNW
27/12/2013	23:30	4	WNW
27/12/2013	23:35	3	WNW
27/12/2013	23:40	1	WNW
27/12/2013	23:45	3	WNW
27/12/2013	23:50	2	WNW
27/12/2013	23:55	2	SSE
28/12/2013	00:00	1	W
28/12/2013	00:05	0	SSW
28/12/2013	00:10	2	W
28/12/2013	00:15	1	S
28/12/2013	00:20	0	SSW
28/12/2013	00:25	0	W
28/12/2013	00:30	2	W
28/12/2013	00:35	2	W
28/12/2013	00:40	0	WNW
28/12/2013	00:45	0	---
28/12/2013	00:50	1	SSW
28/12/2013	00:55	1	W
28/12/2013	01:00	1	W
28/12/2013	01:05	0	S
28/12/2013	01:10	0	S
28/12/2013	01:15	1	S
28/12/2013	01:20	3	WNW
28/12/2013	01:25	2	WNW
28/12/2013	01:30	1	NW
28/12/2013	01:35	1	WNW
28/12/2013	01:40	0	---
28/12/2013	01:45	0	---
28/12/2013	01:50	0	---
28/12/2013	01:55	0	---
28/12/2013	02:00	0	---
28/12/2013	02:05	0	---
28/12/2013	02:10	0	---
28/12/2013	02:15	0	---
28/12/2013	02:20	0	---
28/12/2013	02:25	0	---
28/12/2013	07:05	3	WNW
28/12/2013	07:10	4	WNW
28/12/2013	07:15	4	NW
28/12/2013	07:20	4	NW
28/12/2013	07:25	4	NNW

Date	Time	Wind Speed (mph)	Wind Direction
28/12/2013	02:50	2	W
28/12/2013	02:55	1	WNW
28/12/2013	03:00	2	W
28/12/2013	03:05	2	WNW
28/12/2013	03:10	2	WNW
28/12/2013	03:15	3	NW
28/12/2013	03:20	3	WNW
28/12/2013	03:25	3	WNW
28/12/2013	03:30	4	W
28/12/2013	03:35	4	WNW
28/12/2013	03:40	5	WNW
28/12/2013	03:45	5	W
28/12/2013	03:50	4	W
28/12/2013	03:55	3	W
28/12/2013	04:00	3	W
28/12/2013	04:05	4	W
28/12/2013	04:10	4	W
28/12/2013	04:15	3	WNW
28/12/2013	04:20	3	WNW
28/12/2013	04:25	3	W
28/12/2013	04:30	3	W
28/12/2013	04:35	3	WNW
28/12/2013	04:40	3	WNW
28/12/2013	04:45	3	WNW
28/12/2013	04:50	3	WNW
28/12/2013	04:55	3	WNW
28/12/2013	05:00	3	WNW
28/12/2013	05:05	3	NW
28/12/2013	05:10	3	NW
28/12/2013	05:15	4	WNW
28/12/2013	05:20	3	WNW
28/12/2013	05:25	3	WNW
28/12/2013	05:30	3	WNW
28/12/2013	05:35	3	WNW
28/12/2013	05:40	4	WNW
28/12/2013	05:45	3	WNW
28/12/2013	05:50	3	W
28/12/2013	05:55	2	WNW
28/12/2013	06:00	2	WNW
28/12/2013	06:05	3	WNW
28/12/2013	06:10	3	NW
28/12/2013	06:15	3	WNW
28/12/2013	06:20	3	W
28/12/2013	06:25	3	WNW
28/12/2013	06:30	2	W
28/12/2013	06:35	3	NNW
28/12/2013	06:40	3	WNW
28/12/2013	06:45	5	N
28/12/2013	06:50	7	NE
28/12/2013	06:55	5	N
28/12/2013	07:00	5	NE
28/12/2013	11:40	0	ENE
28/12/2013	11:45	1	NE
28/12/2013	11:50	1	E
28/12/2013	11:55	0	ESE
28/12/2013	12:00	1	E

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
28/12/2013	07:30	5	W
28/12/2013	07:35	4	NNE
28/12/2013	07:40	4	NW
28/12/2013	07:45	3	WNW
28/12/2013	07:50	5	W
28/12/2013	07:55	4	W
28/12/2013	08:00	4	WNW
28/12/2013	08:05	4	WNW
28/12/2013	08:10	5	WNW
28/12/2013	08:15	4	W
28/12/2013	08:20	4	WNW
28/12/2013	08:25	4	WNW
28/12/2013	08:30	4	W
28/12/2013	08:35	3	NW
28/12/2013	08:40	3	WNW
28/12/2013	08:45	3	WNW
28/12/2013	08:50	2	WNW
28/12/2013	08:55	3	WNW
28/12/2013	09:00	2	W
28/12/2013	09:05	2	NNW
28/12/2013	09:10	2	NW
28/12/2013	09:15	2	NW
28/12/2013	09:20	2	WNW
28/12/2013	09:25	1	N
28/12/2013	09:30	0	N
28/12/2013	09:35	4	NE
28/12/2013	09:40	5	NE
28/12/2013	09:45	4	NE
28/12/2013	09:50	2	NE
28/12/2013	09:55	1	NE
28/12/2013	10:00	2	E
28/12/2013	10:05	2	N
28/12/2013	10:10	1	NNE
28/12/2013	10:15	1	E
28/12/2013	10:20	0	NE
28/12/2013	10:25	1	NNW
28/12/2013	10:30	2	N
28/12/2013	10:35	3	ESE
28/12/2013	10:40	2	ESE
28/12/2013	10:45	1	E
28/12/2013	10:50	0	ENE
28/12/2013	10:55	2	NE
28/12/2013	11:00	1	ENE
28/12/2013	11:05	1	ESE
28/12/2013	11:10	2	NE
28/12/2013	11:15	1	N
28/12/2013	11:20	1	NNW
28/12/2013	11:25	2	ENE
28/12/2013	11:30	0	NE
28/12/2013	11:35	1	ENE
28/12/2013	16:15	6	NNE
28/12/2013	16:20	7	N
28/12/2013	16:25	8	NNW
28/12/2013	16:30	6	N
28/12/2013	16:35	6	N
28/12/2013	16:40	6	N

Date	Time	Wind Speed (mph)	Wind Direction
28/12/2013	12:05	1	W
28/12/2013	12:10	1	ENE
28/12/2013	12:15	0	NNE
28/12/2013	12:20	2	E
28/12/2013	12:25	1	ESE
28/12/2013	12:30	1	E
28/12/2013	12:35	1	ENE
28/12/2013	12:40	3	ENE
28/12/2013	12:45	5	NNW
28/12/2013	12:50	6	N
28/12/2013	12:55	6	N
28/12/2013	13:00	5	N
28/12/2013	13:05	6	NNW
28/12/2013	13:10	6	N
28/12/2013	13:15	5	N
28/12/2013	13:20	4	NNE
28/12/2013	13:25	5	N
28/12/2013	13:30	4	N
28/12/2013	13:35	5	N
28/12/2013	13:40	5	NNW
28/12/2013	13:45	6	N
28/12/2013	13:50	7	NNW
28/12/2013	13:55	5	N
28/12/2013	14:00	6	N
28/12/2013	14:05	4	NNE
28/12/2013	14:10	5	NNW
28/12/2013	14:15	5	NNW
28/12/2013	14:20	4	N
28/12/2013	14:25	6	N
28/12/2013	14:30	7	N
28/12/2013	14:35	5	N
28/12/2013	14:40	6	NNE
28/12/2013	14:45	5	N
28/12/2013	14:50	6	NNE
28/12/2013	14:55	7	NNW
28/12/2013	15:00	6	NNW
28/12/2013	15:05	5	NNE
28/12/2013	15:10	6	N
28/12/2013	15:15	6	N
28/12/2013	15:20	6	N
28/12/2013	15:25	5	N
28/12/2013	15:30	6	N
28/12/2013	15:35	6	N
28/12/2013	15:40	5	NNE
28/12/2013	15:45	5	N
28/12/2013	15:50	6	N
28/12/2013	15:55	6	N
28/12/2013	16:00	6	N
28/12/2013	16:05	6	N
28/12/2013	16:10	6	N
28/12/2013	20:50	3	E
28/12/2013	20:55	4	E
28/12/2013	21:00	4	E
28/12/2013	21:05	3	ENE
28/12/2013	21:10	4	ENE
28/12/2013	21:15	4	ENE

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
28/12/2013	16:45	7	N
28/12/2013	16:50	7	N
28/12/2013	16:55	7	N
28/12/2013	17:00	6	N
28/12/2013	17:05	7	N
28/12/2013	17:10	6	N
28/12/2013	17:15	5	N
28/12/2013	17:20	5	N
28/12/2013	17:25	3	E
28/12/2013	17:30	3	ENE
28/12/2013	17:35	4	E
28/12/2013	17:40	3	ENE
28/12/2013	17:45	2	ENE
28/12/2013	17:50	3	ENE
28/12/2013	17:55	3	ENE
28/12/2013	18:00	5	NE
28/12/2013	18:05	6	NE
28/12/2013	18:10	4	NE
28/12/2013	18:15	3	NE
28/12/2013	18:20	4	NE
28/12/2013	18:25	2	ENE
28/12/2013	18:30	4	NE
28/12/2013	18:35	4	NE
28/12/2013	18:40	4	NE
28/12/2013	18:45	5	NE
28/12/2013	18:50	4	NNE
28/12/2013	18:55	4	ENE
28/12/2013	19:00	3	E
28/12/2013	19:05	2	E
28/12/2013	19:10	3	NE
28/12/2013	19:15	3	ENE
28/12/2013	19:20	2	ENE
28/12/2013	19:25	2	NNE
28/12/2013	19:30	3	ENE
28/12/2013	19:35	0	ENE
28/12/2013	19:40	3	E
28/12/2013	19:45	3	ENE
28/12/2013	19:50	6	E
28/12/2013	19:55	7	E
28/12/2013	20:00	3	ENE
28/12/2013	20:05	3	ESE
28/12/2013	20:10	5	E
28/12/2013	20:15	4	E
28/12/2013	20:20	4	E
28/12/2013	20:25	4	E
28/12/2013	20:30	5	E
28/12/2013	20:35	6	E
28/12/2013	20:40	5	E
28/12/2013	20:45	4	ESE
29/12/2013	01:25	1	WNW
29/12/2013	01:30	3	WNW
29/12/2013	01:35	3	W
29/12/2013	01:40	0	W
29/12/2013	01:45	0	WNW
29/12/2013	01:50	3	WNW
29/12/2013	01:55	2	WSW
29/12/2013	21:20	2	WNW
29/12/2013	21:25	2	WNW
29/12/2013	21:30	2	W
29/12/2013	21:35	0	SE
29/12/2013	21:40	2	WSW
29/12/2013	21:45	1	W
29/12/2013	21:50	2	W
29/12/2013	21:55	0	SE
29/12/2013	22:00	0	SE
29/12/2013	22:05	2	SE
29/12/2013	22:10	1	NW
29/12/2013	22:15	0	SSE
29/12/2013	22:20	2	E
29/12/2013	22:25	3	N
29/12/2013	22:30	4	ENE
29/12/2013	22:35	1	E
29/12/2013	22:40	1	S
29/12/2013	22:45	2	S
29/12/2013	22:50	1	S
29/12/2013	22:55	1	S
29/12/2013	23:00	2	E
29/12/2013	23:05	4	ENE
29/12/2013	23:10	2	ESE
29/12/2013	23:15	2	SE
29/12/2013	23:20	4	ESE
29/12/2013	23:25	4	E
29/12/2013	23:30	2	SE
29/12/2013	23:35	4	E
29/12/2013	23:40	1	SE
29/12/2013	23:45	0	SSE
29/12/2013	23:50	0	SSE
29/12/2013	23:55	1	S
29/12/2013	00:00	2	SSE
29/12/2013	00:05	3	ESE
29/12/2013	00:10	1	SSE
29/12/2013	00:15	3	SE
29/12/2013	00:20	2	NNW
29/12/2013	00:25	0	E
29/12/2013	00:30	2	S
29/12/2013	00:35	2	SSW
29/12/2013	00:40	0	S
29/12/2013	00:45	0	---
29/12/2013	00:50	0	---
29/12/2013	00:55	0	---
29/12/2013	01:00	0	SSW
29/12/2013	01:05	2	WNW
29/12/2013	01:10	1	W
29/12/2013	01:15	1	W
29/12/2013	01:20	3	W
29/12/2013	06:00	0	---
29/12/2013	06:05	0	---
29/12/2013	06:10	0	---
29/12/2013	06:15	0	---
29/12/2013	06:20	0	---
29/12/2013	06:25	0	---
29/12/2013	06:30	0	---

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
29/12/2013	02:00	1	WSW
29/12/2013	02:05	0	WSW
29/12/2013	02:10	2	WNW
29/12/2013	02:15	1	SW
29/12/2013	02:20	1	W
29/12/2013	02:25	1	W
29/12/2013	02:30	0	WNW
29/12/2013	02:35	0	---
29/12/2013	02:40	0	---
29/12/2013	02:45	0	---
29/12/2013	02:50	0	---
29/12/2013	02:55	0	---
29/12/2013	03:00	0	---
29/12/2013	03:05	0	---
29/12/2013	03:10	0	---
29/12/2013	03:15	0	---
29/12/2013	03:20	0	---
29/12/2013	03:25	0	---
29/12/2013	03:30	0	---
29/12/2013	03:35	0	---
29/12/2013	03:40	0	---
29/12/2013	03:45	1	W
29/12/2013	03:50	1	W
29/12/2013	03:55	1	W
29/12/2013	04:00	0	---
29/12/2013	04:05	0	---
29/12/2013	04:10	0	---
29/12/2013	04:15	0	---
29/12/2013	04:20	2	WSW
29/12/2013	04:25	1	W
29/12/2013	04:30	1	SE
29/12/2013	04:35	0	WSW
29/12/2013	04:40	1	W
29/12/2013	04:45	0	---
29/12/2013	04:50	0	SE
29/12/2013	04:55	1	SE
29/12/2013	05:00	3	WNW
29/12/2013	05:05	2	W
29/12/2013	05:10	0	W
29/12/2013	05:15	1	SSW
29/12/2013	05:20	1	SSW
29/12/2013	05:25	0	---
29/12/2013	05:30	0	SSW
29/12/2013	05:35	0	SSW
29/12/2013	05:40	1	SSW
29/12/2013	05:45	0	S
29/12/2013	05:50	0	---
29/12/2013	05:55	0	---
29/12/2013	10:35	2	E
29/12/2013	10:40	2	E
29/12/2013	10:45	1	E
29/12/2013	10:50	1	ENE
29/12/2013	10:55	2	ENE
29/12/2013	11:00	2	E
29/12/2013	11:05	2	E
29/12/2013	11:10	1	E

Date	Time	Wind Speed (mph)	Wind Direction
29/12/2013	06:35	0	---
29/12/2013	06:40	0	W
29/12/2013	06:45	1	W
29/12/2013	06:50	1	W
29/12/2013	06:55	0	W
29/12/2013	07:00	0	W
29/12/2013	07:05	0	WNW
29/12/2013	07:10	0	WNW
29/12/2013	07:15	0	WNW
29/12/2013	07:20	2	W
29/12/2013	07:25	1	W
29/12/2013	07:30	2	WNW
29/12/2013	07:35	2	WNW
29/12/2013	07:40	3	WNW
29/12/2013	07:45	2	WNW
29/12/2013	07:50	3	W
29/12/2013	07:55	4	W
29/12/2013	08:00	3	W
29/12/2013	08:05	3	WNW
29/12/2013	08:10	3	WNW
29/12/2013	08:15	3	WNW
29/12/2013	08:20	2	WNW
29/12/2013	08:25	3	WNW
29/12/2013	08:30	3	W
29/12/2013	08:35	3	W
29/12/2013	08:40	2	WNW
29/12/2013	08:45	2	W
29/12/2013	08:50	1	WSW
29/12/2013	08:55	0	---
29/12/2013	09:00	1	W
29/12/2013	09:05	1	W
29/12/2013	09:10	1	WNW
29/12/2013	09:15	0	---
29/12/2013	09:20	0	---
29/12/2013	09:25	0	---
29/12/2013	09:30	0	---
29/12/2013	09:35	0	---
29/12/2013	09:40	0	---
29/12/2013	09:45	1	E
29/12/2013	09:50	2	SE
29/12/2013	09:55	2	SE
29/12/2013	10:00	3	E
29/12/2013	10:05	3	E
29/12/2013	10:10	2	ENE
29/12/2013	10:15	2	E
29/12/2013	10:20	3	ENE
29/12/2013	10:25	2	ESE
29/12/2013	10:30	1	E
29/12/2013	15:10	4	NNW
29/12/2013	15:15	3	N
29/12/2013	15:20	3	N
29/12/2013	15:25	3	N
29/12/2013	15:30	3	N
29/12/2013	15:35	3	NNE
29/12/2013	15:40	3	NNE
29/12/2013	15:45	3	NNE

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
29/12/2013	11:15	1	ESE
29/12/2013	11:20	1	E
29/12/2013	11:25	1	ENE
29/12/2013	11:30	2	ENE
29/12/2013	11:35	1	E
29/12/2013	11:40	2	S
29/12/2013	11:45	1	ENE
29/12/2013	11:50	2	ESE
29/12/2013	11:55	2	SSE
29/12/2013	12:00	2	SE
29/12/2013	12:05	2	E
29/12/2013	12:10	2	ESE
29/12/2013	12:15	2	E
29/12/2013	12:20	3	E
29/12/2013	12:25	2	ENE
29/12/2013	12:30	3	E
29/12/2013	12:35	1	E
29/12/2013	12:40	1	E
29/12/2013	12:45	1	E
29/12/2013	12:50	1	ENE
29/12/2013	12:55	1	ENE
29/12/2013	13:00	3	NNW
29/12/2013	13:05	4	NNE
29/12/2013	13:10	4	NNE
29/12/2013	13:15	3	NNE
29/12/2013	13:20	4	NNE
29/12/2013	13:25	3	NNW
29/12/2013	13:30	3	NNE
29/12/2013	13:35	3	NE
29/12/2013	13:40	5	NE
29/12/2013	13:45	4	NNE
29/12/2013	13:50	3	NE
29/12/2013	13:55	4	NE
29/12/2013	14:00	3	NE
29/12/2013	14:05	2	NNE
29/12/2013	14:10	5	NNE
29/12/2013	14:15	3	N
29/12/2013	14:20	3	NNW
29/12/2013	14:25	1	ENE
29/12/2013	14:30	1	ENE
29/12/2013	14:35	2	ENE
29/12/2013	14:40	0	NE
29/12/2013	14:45	2	NNE
29/12/2013	14:50	3	ENE
29/12/2013	14:55	2	NNE
29/12/2013	15:00	1	N
29/12/2013	15:05	3	NNE
29/12/2013	19:45	0	---
29/12/2013	19:50	0	---
29/12/2013	19:55	0	---
29/12/2013	20:00	3	SW
29/12/2013	20:05	3	WSW
29/12/2013	20:10	2	SW
29/12/2013	20:15	3	WSW
29/12/2013	20:20	2	WSW
29/12/2013	20:25	1	SW

Date	Time	Wind Speed (mph)	Wind Direction
29/12/2013	15:50	2	NNE
29/12/2013	15:55	3	N
29/12/2013	16:00	1	ENE
29/12/2013	16:05	0	---
29/12/2013	16:10	1	NNE
29/12/2013	16:15	3	NW
29/12/2013	16:20	1	NW
29/12/2013	16:25	3	ENE
29/12/2013	16:30	1	N
29/12/2013	16:35	1	NNW
29/12/2013	16:40	1	NNW
29/12/2013	16:45	3	NNW
29/12/2013	16:50	2	NW
29/12/2013	16:55	2	NNW
29/12/2013	17:00	0	WNW
29/12/2013	17:05	1	WNW
29/12/2013	17:10	1	WNW
29/12/2013	17:15	1	WNW
29/12/2013	17:20	2	NNW
29/12/2013	17:25	2	NW
29/12/2013	17:30	1	WNW
29/12/2013	17:35	0	WNW
29/12/2013	17:40	2	WNW
29/12/2013	17:45	1	W
29/12/2013	17:50	1	W
29/12/2013	17:55	1	SSW
29/12/2013	18:00	0	SSW
29/12/2013	18:05	0	SW
29/12/2013	18:10	1	SW
29/12/2013	18:15	2	W
29/12/2013	18:20	1	WSW
29/12/2013	18:25	0	---
29/12/2013	18:30	0	---
29/12/2013	18:35	0	---
29/12/2013	18:40	0	---
29/12/2013	18:45	2	W
29/12/2013	18:50	2	W
29/12/2013	18:55	2	WSW
29/12/2013	19:00	1	WSW
29/12/2013	19:05	1	WSW
29/12/2013	19:10	0	---
29/12/2013	19:15	2	WSW
29/12/2013	19:20	1	W
29/12/2013	19:25	0	---
29/12/2013	19:30	1	W
29/12/2013	19:35	1	W
29/12/2013	19:40	0	W
30/12/2013	00:20	0	---
30/12/2013	00:25	0	---
30/12/2013	00:30	0	---
30/12/2013	00:35	0	---
30/12/2013	00:40	0	---
30/12/2013	00:45	0	---
30/12/2013	00:50	0	---
30/12/2013	00:55	0	---
30/12/2013	01:00	0	---

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
29/12/2013	20:30	0	SW
29/12/2013	20:35	0	SW
29/12/2013	20:40	1	SW
29/12/2013	20:45	0	---
29/12/2013	20:50	0	SW
29/12/2013	20:55	2	WSW
29/12/2013	21:00	2	WSW
29/12/2013	21:05	1	WSW
29/12/2013	21:10	1	WSW
29/12/2013	21:15	0	WSW
29/12/2013	21:20	0	---
29/12/2013	21:25	0	---
29/12/2013	21:30	0	---
29/12/2013	21:35	0	---
29/12/2013	21:40	0	---
29/12/2013	21:45	0	---
29/12/2013	21:50	0	---
29/12/2013	21:55	0	---
29/12/2013	22:00	0	---
29/12/2013	22:05	0	---
29/12/2013	22:10	0	---
29/12/2013	22:15	0	---
29/12/2013	22:20	0	---
29/12/2013	22:25	0	---
29/12/2013	22:30	0	---
29/12/2013	22:35	0	---
29/12/2013	22:40	0	---
29/12/2013	22:45	0	---
29/12/2013	22:50	0	---
29/12/2013	22:55	0	---
29/12/2013	23:00	0	---
29/12/2013	23:05	0	---
29/12/2013	23:10	0	---
29/12/2013	23:15	0	---
29/12/2013	23:20	0	---
29/12/2013	23:25	0	---
29/12/2013	23:30	0	---
29/12/2013	23:35	0	---
29/12/2013	23:40	0	---
29/12/2013	23:45	0	---
29/12/2013	23:50	0	---
29/12/2013	23:55	0	---
30/12/2013	00:00	0	---
30/12/2013	00:05	0	---
30/12/2013	00:10	0	---
30/12/2013	00:15	0	---
30/12/2013	04:55	0	---
30/12/2013	05:00	0	---
30/12/2013	05:05	0	---
30/12/2013	05:10	0	---
30/12/2013	05:15	0	---
30/12/2013	05:20	0	---
30/12/2013	05:25	0	---
30/12/2013	05:30	0	---
30/12/2013	05:35	0	---
30/12/2013	05:40	0	---

Date	Time	Wind Speed (mph)	Wind Direction
30/12/2013	01:05	0	---
30/12/2013	01:10	0	---
30/12/2013	01:15	0	---
30/12/2013	01:20	0	---
30/12/2013	01:25	0	---
30/12/2013	01:30	0	---
30/12/2013	01:35	0	---
30/12/2013	01:40	0	---
30/12/2013	01:45	0	---
30/12/2013	01:50	0	---
30/12/2013	01:55	0	---
30/12/2013	02:00	0	---
30/12/2013	02:05	0	---
30/12/2013	02:10	0	---
30/12/2013	02:15	0	---
30/12/2013	02:20	0	---
30/12/2013	02:25	0	---
30/12/2013	02:30	0	---
30/12/2013	02:35	0	---
30/12/2013	02:40	0	---
30/12/2013	02:45	0	---
30/12/2013	02:50	0	---
30/12/2013	02:55	0	---
30/12/2013	03:00	0	---
30/12/2013	03:05	0	---
30/12/2013	03:10	0	---
30/12/2013	03:15	0	---
30/12/2013	03:20	0	---
30/12/2013	03:25	0	---
30/12/2013	03:30	0	---
30/12/2013	03:35	0	---
30/12/2013	03:40	0	---
30/12/2013	03:45	0	---
30/12/2013	03:50	0	---
30/12/2013	03:55	0	---
30/12/2013	04:00	0	---
30/12/2013	04:05	0	---
30/12/2013	04:10	0	---
30/12/2013	04:15	0	---
30/12/2013	04:20	0	---
30/12/2013	04:25	0	---
30/12/2013	04:30	0	---
30/12/2013	04:35	0	---
30/12/2013	04:40	0	---
30/12/2013	04:45	0	---
30/12/2013	04:50	0	---
30/12/2013	09:30	1	NE
30/12/2013	09:35	1	NE
30/12/2013	09:40	0	NE
30/12/2013	09:45	1	E
30/12/2013	09:50	0	E
30/12/2013	09:55	1	E
30/12/2013	10:00	2	ENE
30/12/2013	10:05	2	NE
30/12/2013	10:10	2	NE
30/12/2013	10:15	1	NE

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
30/12/2013	05:45	0	---
30/12/2013	05:50	0	---
30/12/2013	05:55	0	---
30/12/2013	06:00	0	---
30/12/2013	06:05	0	---
30/12/2013	06:10	0	---
30/12/2013	06:15	0	---
30/12/2013	06:20	0	---
30/12/2013	06:25	0	---
30/12/2013	06:30	0	---
30/12/2013	06:35	0	---
30/12/2013	06:40	0	---
30/12/2013	06:45	0	---
30/12/2013	06:50	0	---
30/12/2013	06:55	0	---
30/12/2013	07:00	0	---
30/12/2013	07:05	0	---
30/12/2013	07:10	0	---
30/12/2013	07:15	0	---
30/12/2013	07:20	0	---
30/12/2013	07:25	0	---
30/12/2013	07:30	0	---
30/12/2013	07:35	0	---
30/12/2013	07:40	0	---
30/12/2013	07:45	0	---
30/12/2013	07:50	0	---
30/12/2013	07:55	0	---
30/12/2013	08:00	0	---
30/12/2013	08:05	0	---
30/12/2013	08:10	0	---
30/12/2013	08:15	0	---
30/12/2013	08:20	0	---
30/12/2013	08:25	0	---
30/12/2013	08:30	0	---
30/12/2013	08:35	0	---
30/12/2013	08:40	0	---
30/12/2013	08:45	0	---
30/12/2013	08:50	2	SE
30/12/2013	08:55	2	ENE
30/12/2013	09:00	1	SSE
30/12/2013	09:05	1	E
30/12/2013	09:10	0	ESE
30/12/2013	09:15	1	ENE
30/12/2013	09:20	0	E
30/12/2013	09:25	1	NE
30/12/2013	14:05	4	NNE
30/12/2013	14:10	4	NNE
30/12/2013	14:15	4	N
30/12/2013	14:20	4	N
30/12/2013	14:25	4	NNE
30/12/2013	14:30	5	N
30/12/2013	14:35	3	N
30/12/2013	14:40	5	NNE
30/12/2013	14:45	4	NNE
30/12/2013	14:50	4	N
30/12/2013	14:55	3	N

Date	Time	Wind Speed (mph)	Wind Direction
30/12/2013	10:20	1	NNE
30/12/2013	10:25	2	N
30/12/2013	10:30	1	N
30/12/2013	10:35	0	---
30/12/2013	10:40	0	---
30/12/2013	10:45	0	---
30/12/2013	10:50	0	---
30/12/2013	10:55	0	---
30/12/2013	11:00	0	---
30/12/2013	11:05	0	E
30/12/2013	11:10	1	E
30/12/2013	11:15	1	ENE
30/12/2013	11:20	1	ENE
30/12/2013	11:25	1	E
30/12/2013	11:30	2	ENE
30/12/2013	11:35	2	ESE
30/12/2013	11:40	1	ESE
30/12/2013	11:45	1	E
30/12/2013	11:50	1	SE
30/12/2013	11:55	1	NE
30/12/2013	12:00	2	N
30/12/2013	12:05	3	NNE
30/12/2013	12:10	1	NNE
30/12/2013	12:15	4	NE
30/12/2013	12:20	2	N
30/12/2013	12:25	3	NNE
30/12/2013	12:30	3	NNE
30/12/2013	12:35	5	N
30/12/2013	12:40	5	NNE
30/12/2013	12:45	5	N
30/12/2013	12:50	5	N
30/12/2013	12:55	5	N
30/12/2013	13:00	5	N
30/12/2013	13:05	4	NNE
30/12/2013	13:10	5	N
30/12/2013	13:15	4	N
30/12/2013	13:20	4	N
30/12/2013	13:25	4	N
30/12/2013	13:30	5	N
30/12/2013	13:35	3	N
30/12/2013	13:40	4	N
30/12/2013	13:45	4	N
30/12/2013	13:50	3	NNE
30/12/2013	13:55	3	N
30/12/2013	14:00	4	NNE
30/12/2013	18:40	3	W
30/12/2013	18:45	3	W
30/12/2013	18:50	3	W
30/12/2013	18:55	2	W
30/12/2013	19:00	2	W
30/12/2013	19:05	3	W
30/12/2013	19:10	3	W
30/12/2013	19:15	2	W
30/12/2013	19:20	1	W
30/12/2013	19:25	3	W
30/12/2013	19:30	2	WSW

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
30/12/2013	15:00	4	N
30/12/2013	15:05	3	N
30/12/2013	15:10	3	NNE
30/12/2013	15:15	4	N
30/12/2013	15:20	4	N
30/12/2013	15:25	3	NNW
30/12/2013	15:30	2	NNE
30/12/2013	15:35	3	NW
30/12/2013	15:40	4	N
30/12/2013	15:45	3	N
30/12/2013	15:50	4	N
30/12/2013	15:55	3	WNW
30/12/2013	16:00	4	NNW
30/12/2013	16:05	2	N
30/12/2013	16:10	1	N
30/12/2013	16:15	3	N
30/12/2013	16:20	2	NNW
30/12/2013	16:25	3	NNW
30/12/2013	16:30	3	NNW
30/12/2013	16:35	2	NW
30/12/2013	16:40	3	NNW
30/12/2013	16:45	4	NNW
30/12/2013	16:50	1	NNW
30/12/2013	16:55	1	NNW
30/12/2013	17:00	2	WNW
30/12/2013	17:05	1	WNW
30/12/2013	17:10	1	WNW
30/12/2013	17:15	3	NNW
30/12/2013	17:20	2	WNW
30/12/2013	17:25	2	SW
30/12/2013	17:30	1	SSW
30/12/2013	17:35	1	SSW
30/12/2013	17:40	1	WNW
30/12/2013	17:45	2	WNW
30/12/2013	17:50	3	W
30/12/2013	17:55	3	W
30/12/2013	18:00	3	W
30/12/2013	18:05	3	W
30/12/2013	18:10	3	W
30/12/2013	18:15	3	W
30/12/2013	18:20	2	SW
30/12/2013	18:25	3	SW
30/12/2013	18:30	3	W
30/12/2013	18:35	3	W
30/12/2013	23:15	2	W
30/12/2013	23:20	2	WSW
30/12/2013	23:25	3	WSW
30/12/2013	23:30	3	W
30/12/2013	23:35	3	W
30/12/2013	23:40	3	W
30/12/2013	23:45	3	W
30/12/2013	23:50	3	W
30/12/2013	23:55	3	W
31/12/2013	00:00	3	W
31/12/2013	00:05	3	W
31/12/2013	00:10	3	W

Date	Time	Wind Speed (mph)	Wind Direction
30/12/2013	19:35	3	WSW
30/12/2013	19:40	3	W
30/12/2013	19:45	3	WSW
30/12/2013	19:50	2	W
30/12/2013	19:55	3	W
30/12/2013	20:00	1	W
30/12/2013	20:05	1	NNW
30/12/2013	20:10	4	W
30/12/2013	20:15	3	WSW
30/12/2013	20:20	2	W
30/12/2013	20:25	3	W
30/12/2013	20:30	3	W
30/12/2013	20:35	3	W
30/12/2013	20:40	3	WSW
30/12/2013	20:45	2	WSW
30/12/2013	20:50	3	WSW
30/12/2013	20:55	3	W
30/12/2013	21:00	3	WSW
30/12/2013	21:05	2	W
30/12/2013	21:10	3	WSW
30/12/2013	21:15	2	W
30/12/2013	21:20	2	WSW
30/12/2013	21:25	3	WSW
30/12/2013	21:30	2	WSW
30/12/2013	21:35	2	W
30/12/2013	21:40	2	WSW
30/12/2013	21:45	2	W
30/12/2013	21:50	1	W
30/12/2013	21:55	1	W
30/12/2013	22:00	2	W
30/12/2013	22:05	2	WSW
30/12/2013	22:10	2	WSW
30/12/2013	22:15	3	WSW
30/12/2013	22:20	3	W
30/12/2013	22:25	3	W
30/12/2013	22:30	2	W
30/12/2013	22:35	3	W
30/12/2013	22:40	2	WSW
30/12/2013	22:45	3	WSW
30/12/2013	22:50	3	WSW
30/12/2013	22:55	2	WSW
30/12/2013	23:00	3	WSW
30/12/2013	23:05	3	WSW
30/12/2013	23:10	2	WSW
31/12/2013	03:50	3	WSW
31/12/2013	03:55	2	SW
31/12/2013	04:00	3	WSW
31/12/2013	04:05	2	W
31/12/2013	04:10	2	W
31/12/2013	04:15	2	W
31/12/2013	04:20	0	ESE
31/12/2013	04:25	0	SW
31/12/2013	04:30	2	SSW
31/12/2013	04:35	2	SSW
31/12/2013	04:40	1	SSW
31/12/2013	04:45	1	S

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
31/12/2013	00:15	3	W
31/12/2013	00:20	2	W
31/12/2013	00:25	2	W
31/12/2013	00:30	2	W
31/12/2013	00:35	2	W
31/12/2013	00:40	1	W
31/12/2013	00:45	1	W
31/12/2013	00:50	1	W
31/12/2013	00:55	1	W
31/12/2013	01:00	0	W
31/12/2013	01:05	1	W
31/12/2013	01:10	1	W
31/12/2013	01:15	2	W
31/12/2013	01:20	3	W
31/12/2013	01:25	3	W
31/12/2013	01:30	3	W
31/12/2013	01:35	3	W
31/12/2013	01:40	3	W
31/12/2013	01:45	2	WSW
31/12/2013	01:50	2	WNW
31/12/2013	01:55	0	W
31/12/2013	02:00	0	W
31/12/2013	02:05	0	---
31/12/2013	02:10	1	W
31/12/2013	02:15	3	W
31/12/2013	02:20	2	WNW
31/12/2013	02:25	2	WNW
31/12/2013	02:30	0	W
31/12/2013	02:35	0	---
31/12/2013	02:40	0	---
31/12/2013	02:45	1	W
31/12/2013	02:50	3	W
31/12/2013	02:55	2	WSW
31/12/2013	03:00	3	WSW
31/12/2013	03:05	2	W
31/12/2013	03:10	1	WSW
31/12/2013	03:15	1	WSW
31/12/2013	03:20	1	WSW
31/12/2013	03:25	0	---
31/12/2013	03:30	0	WSW
31/12/2013	03:35	0	WSW
31/12/2013	03:40	1	WSW
31/12/2013	03:45	1	WSW
31/12/2013	08:25	2	WNW
31/12/2013	08:30	2	WNW
31/12/2013	08:35	2	WNW
31/12/2013	08:40	2	WNW
31/12/2013	08:45	2	WNW
31/12/2013	08:50	2	WNW
31/12/2013	08:55	3	WNW
31/12/2013	09:00	2	WNW
31/12/2013	09:05	2	NW
31/12/2013	09:10	2	NNW
31/12/2013	09:15	2	WNW
31/12/2013	09:20	3	WNW
31/12/2013	09:25	2	WNW
31/12/2013	04:50	1	SW
31/12/2013	04:55	0	SW
31/12/2013	05:00	0	SW
31/12/2013	05:05	0	SW
31/12/2013	05:10	2	W
31/12/2013	05:15	2	W
31/12/2013	05:20	2	W
31/12/2013	05:25	3	W
31/12/2013	05:30	3	W
31/12/2013	05:35	2	W
31/12/2013	05:40	1	WNW
31/12/2013	05:45	0	---
31/12/2013	05:50	0	---
31/12/2013	05:55	0	---
31/12/2013	06:00	0	---
31/12/2013	06:05	0	---
31/12/2013	06:10	0	---
31/12/2013	06:15	0	---
31/12/2013	06:20	0	---
31/12/2013	06:25	0	---
31/12/2013	06:30	0	---
31/12/2013	06:35	0	---
31/12/2013	06:40	0	---
31/12/2013	06:45	0	---
31/12/2013	06:50	0	---
31/12/2013	06:55	0	---
31/12/2013	07:00	0	---
31/12/2013	07:05	0	---
31/12/2013	07:10	0	---
31/12/2013	07:15	0	---
31/12/2013	07:20	0	---
31/12/2013	07:25	0	---
31/12/2013	07:30	0	---
31/12/2013	07:35	0	WNW
31/12/2013	07:40	0	---
31/12/2013	07:45	0	---
31/12/2013	07:50	0	---
31/12/2013	07:55	0	---
31/12/2013	08:00	0	---
31/12/2013	08:05	0	---
31/12/2013	08:10	1	W
31/12/2013	08:15	3	WNW
31/12/2013	08:20	3	W
31/12/2013	13:00	4	N
31/12/2013	13:05	3	NNE
31/12/2013	13:10	5	N
31/12/2013	13:15	3	N
31/12/2013	13:20	5	NNE
31/12/2013	13:25	5	NNE
31/12/2013	13:30	4	N
31/12/2013	13:35	5	N
31/12/2013	13:40	5	N
31/12/2013	13:45	4	N
31/12/2013	13:50	5	NNE
31/12/2013	13:55	6	NNW
31/12/2013	14:00	5	NNW

Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction
31/12/2013	09:30	2	WNW
31/12/2013	09:35	1	WNW
31/12/2013	09:40	1	NE
31/12/2013	09:45	2	NE
31/12/2013	09:50	4	ENE
31/12/2013	09:55	3	E
31/12/2013	10:00	0	E
31/12/2013	10:05	1	SW
31/12/2013	10:10	1	W
31/12/2013	10:15	2	NNW
31/12/2013	10:20	2	N
31/12/2013	10:25	1	NNW
31/12/2013	10:30	0	NNW
31/12/2013	10:35	2	NNW
31/12/2013	10:40	2	NNW
31/12/2013	10:45	3	NNW
31/12/2013	10:50	1	NNW
31/12/2013	10:55	0	N
31/12/2013	11:00	3	N
31/12/2013	11:05	3	NNW
31/12/2013	11:10	4	NNW
31/12/2013	11:15	3	NNE
31/12/2013	11:20	2	N
31/12/2013	11:25	2	NNE
31/12/2013	11:30	2	NNE
31/12/2013	11:35	3	N
31/12/2013	11:40	3	NNE
31/12/2013	11:45	5	N
31/12/2013	11:50	4	N
31/12/2013	11:55	4	NNE
31/12/2013	12:00	4	NNE
31/12/2013	12:05	6	N
31/12/2013	12:10	4	N
31/12/2013	12:15	4	N
31/12/2013	12:20	5	NNW
31/12/2013	12:25	5	NNW
31/12/2013	12:30	4	N
31/12/2013	12:35	4	NNE
31/12/2013	12:40	5	N
31/12/2013	12:45	4	NNW
31/12/2013	12:50	5	N
31/12/2013	12:55	4	NW
31/12/2013	17:35	0	WNW
31/12/2013	17:40	0	---
31/12/2013	17:45	1	NW
31/12/2013	17:50	3	WNW
31/12/2013	17:55	2	W
31/12/2013	18:00	2	W
31/12/2013	18:05	2	W
31/12/2013	18:10	2	W
31/12/2013	18:15	1	WSW
31/12/2013	18:20	0	WSW
31/12/2013	18:25	0	---
31/12/2013	18:30	2	W
31/12/2013	18:35	2	WSW
31/12/2013	18:40	3	WSW

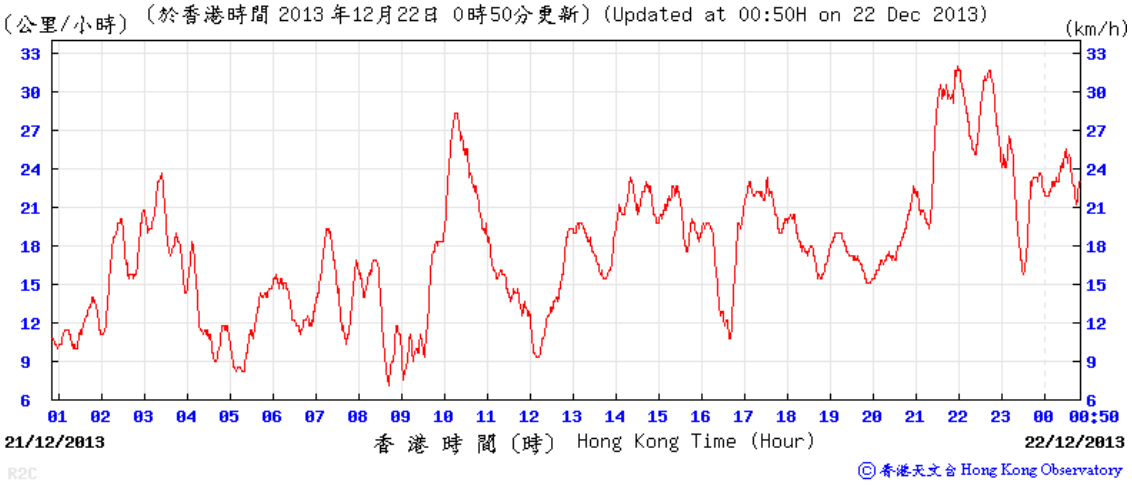
Date	Time	Wind Speed (mph)	Wind Direction
31/12/2013	14:05	5	NNE
31/12/2013	14:10	4	NNE
31/12/2013	14:15	5	NNW
31/12/2013	14:20	4	NNW
31/12/2013	14:25	4	NNE
31/12/2013	14:30	4	NNW
31/12/2013	14:35	4	NNW
31/12/2013	14:40	5	N
31/12/2013	14:45	5	N
31/12/2013	14:50	3	N
31/12/2013	14:55	4	NNW
31/12/2013	15:00	4	NNW
31/12/2013	15:05	2	NNW
31/12/2013	15:10	4	NNW
31/12/2013	15:15	3	NNW
31/12/2013	15:20	2	NW
31/12/2013	15:25	3	NW
31/12/2013	15:30	4	WNW
31/12/2013	15:35	3	WNW
31/12/2013	15:40	1	NNW
31/12/2013	15:45	4	WNW
31/12/2013	15:50	3	WNW
31/12/2013	15:55	2	WNW
31/12/2013	16:00	3	NW
31/12/2013	16:05	2	WNW
31/12/2013	16:10	3	NW
31/12/2013	16:15	3	NW
31/12/2013	16:20	2	WNW
31/12/2013	16:25	2	WNW
31/12/2013	16:30	2	WNW
31/12/2013	16:35	3	NNW
31/12/2013	16:40	2	NW
31/12/2013	16:45	3	NW
31/12/2013	16:50	2	NW
31/12/2013	16:55	2	WNW
31/12/2013	17:00	3	NNW
31/12/2013	17:05	3	WNW
31/12/2013	17:10	3	WNW
31/12/2013	17:15	3	WNW
31/12/2013	17:20	2	WNW
31/12/2013	17:25	1	WNW
31/12/2013	17:30	1	WNW
31/12/2013	22:10	2	W
31/12/2013	22:15	1	SSE
31/12/2013	22:20	1	SSW
31/12/2013	22:25	1	SW
31/12/2013	22:30	0	---
31/12/2013	22:35	0	---
31/12/2013	22:40	0	---
31/12/2013	22:45	0	---
31/12/2013	22:50	0	---
31/12/2013	22:55	0	---
31/12/2013	23:00	2	W
31/12/2013	23:05	1	W
31/12/2013	23:10	0	W
31/12/2013	23:15	0	W

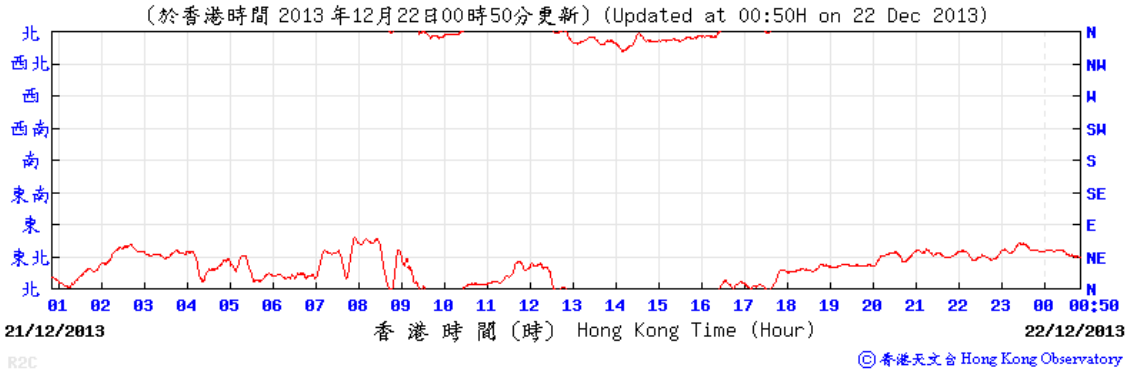
Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

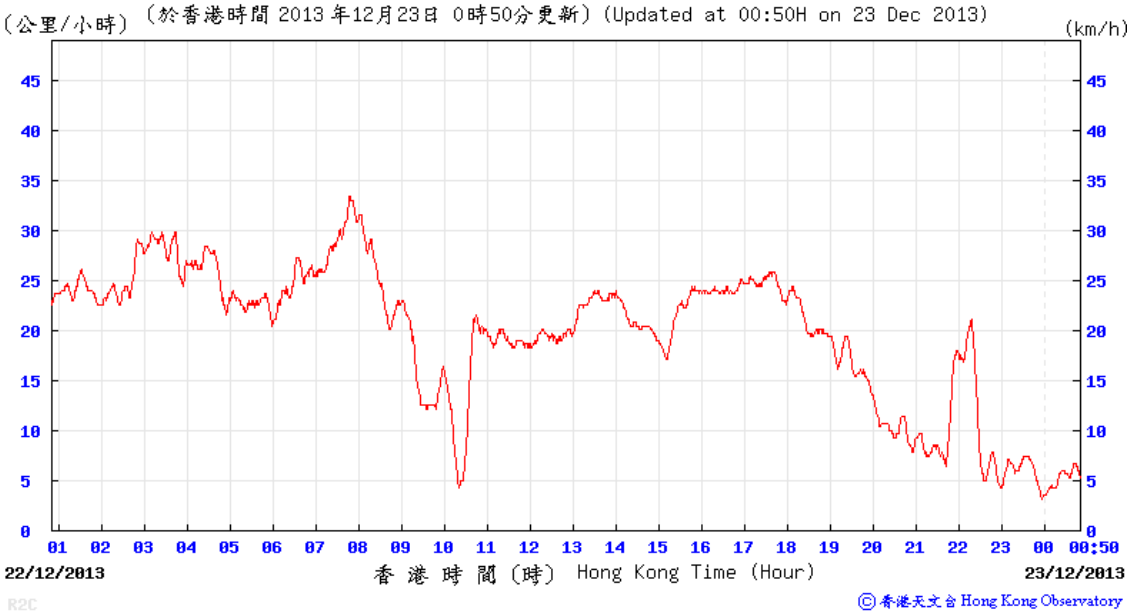
Date	Time	Wind Speed (mph)	Wind Direction
31/12/2013	18:45	3	W
31/12/2013	18:50	3	W
31/12/2013	18:55	2	W
31/12/2013	19:00	2	W
31/12/2013	19:05	2	W
31/12/2013	19:10	1	WSW
31/12/2013	19:15	2	W
31/12/2013	19:20	0	WSW
31/12/2013	19:25	1	WSW
31/12/2013	19:30	0	WSW
31/12/2013	19:35	0	WSW
31/12/2013	19:40	1	WSW
31/12/2013	19:45	1	W
31/12/2013	19:50	0	---
31/12/2013	19:55	0	---
31/12/2013	20:00	0	---
31/12/2013	20:05	0	---
31/12/2013	20:10	0	---
31/12/2013	20:15	0	---
31/12/2013	20:20	0	---
31/12/2013	20:25	0	---
31/12/2013	20:30	0	---
31/12/2013	20:35	0	---
31/12/2013	20:40	0	---
31/12/2013	20:45	0	---
31/12/2013	20:50	0	---
31/12/2013	20:55	0	---
31/12/2013	21:00	0	---
31/12/2013	21:05	0	---
31/12/2013	21:10	0	---
31/12/2013	21:15	0	---
31/12/2013	21:20	0	---
31/12/2013	21:25	0	---
31/12/2013	21:30	0	---
31/12/2013	21:35	1	W
31/12/2013	21:40	2	W
31/12/2013	21:45	2	WNW
31/12/2013	21:50	3	W
31/12/2013	21:55	4	W
31/12/2013	22:00	4	W
31/12/2013	22:05	3	W

Date	Time	Wind Speed (mph)	Wind Direction
31/12/2013	23:20	0	SW
31/12/2013	23:25	0	SW
31/12/2013	23:30	0	SW
31/12/2013	23:35	0	---
31/12/2013	23:40	0	---
31/12/2013	23:45	0	---
31/12/2013	23:50	0	---
31/12/2013	23:55	0	---
01/01/2014	00:00	0	---

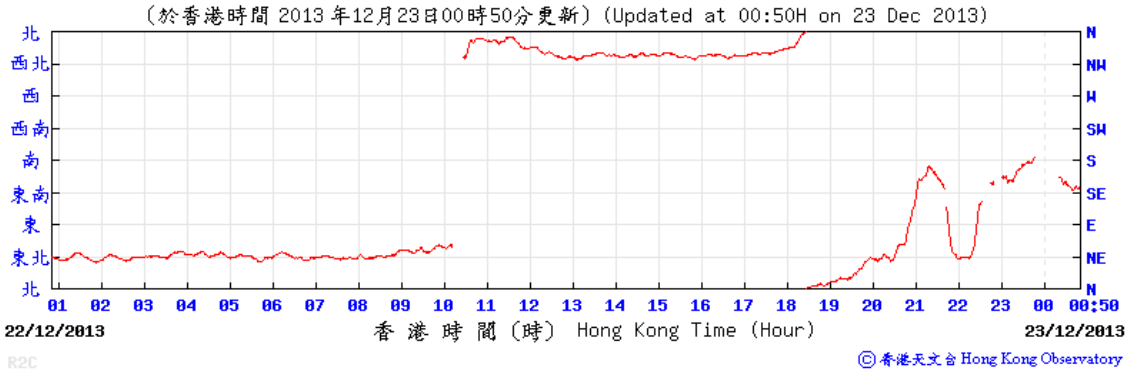
Wind data of Hong Kong Observatory's Chek Lap Kok weather station

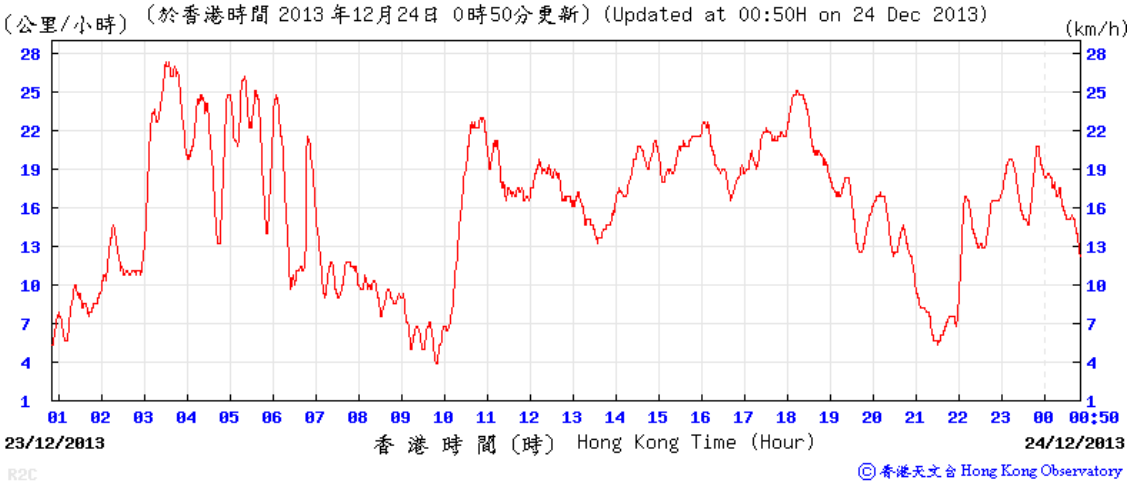


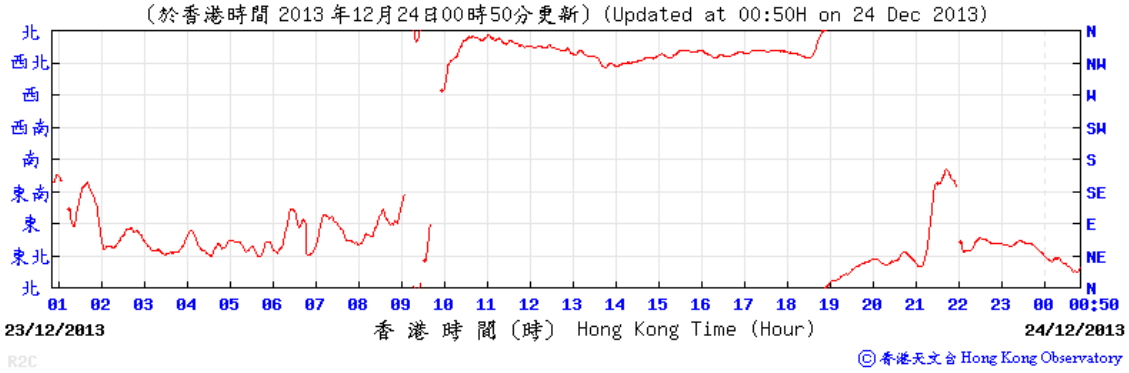




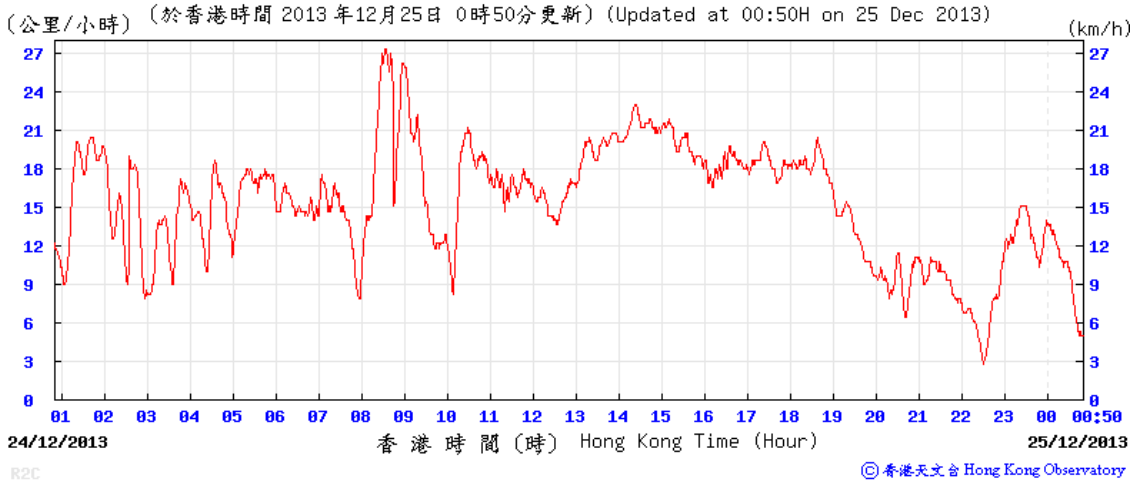
Wind data of Hong Kong Observatory's Chek Lap Kok weather station

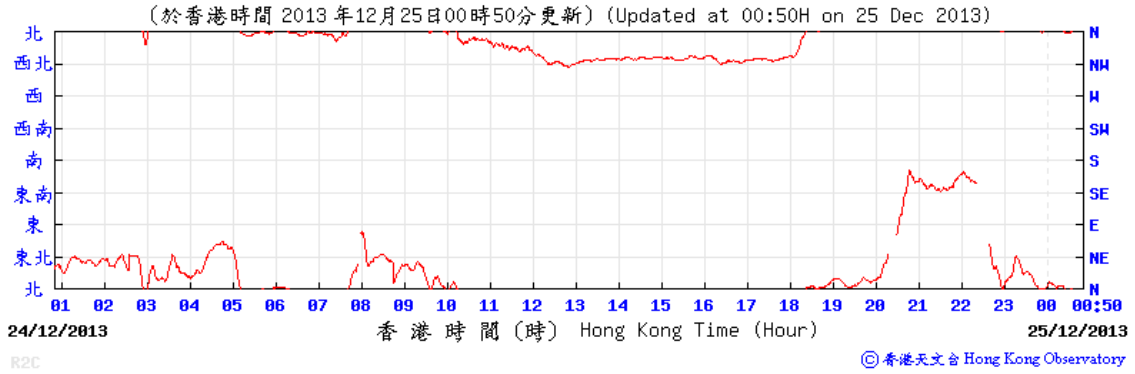


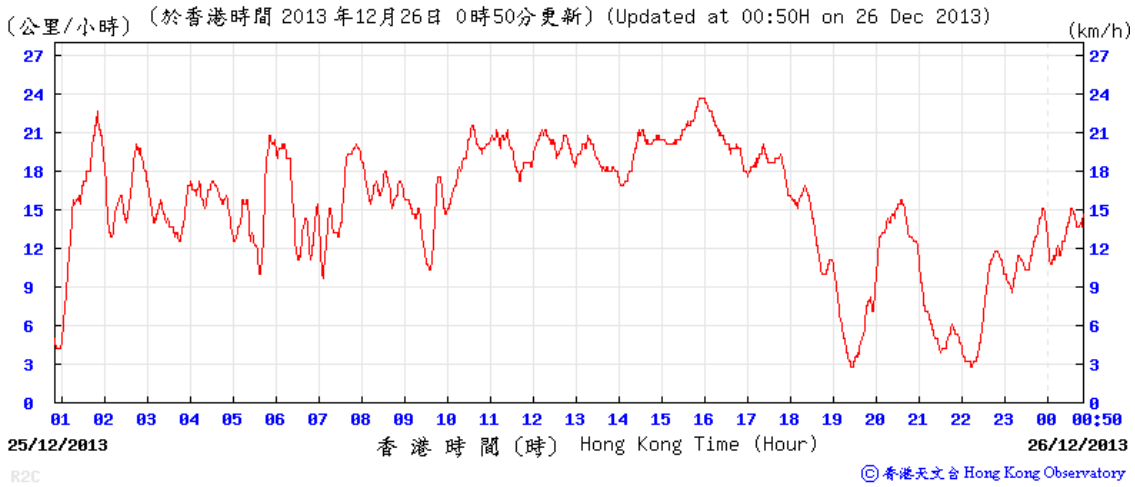




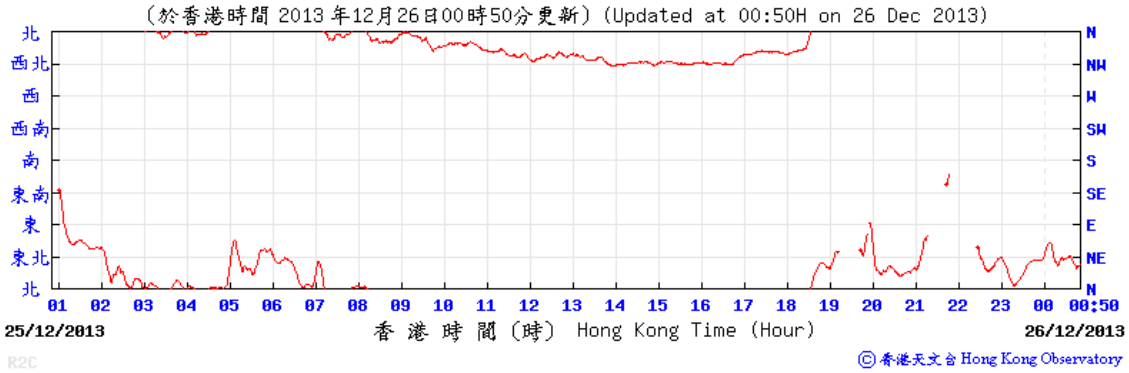
Wind data of Hong Kong Observatory's Chek Lap Kok weather station







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



APPENDIX H

Dolphin Monitoring Results

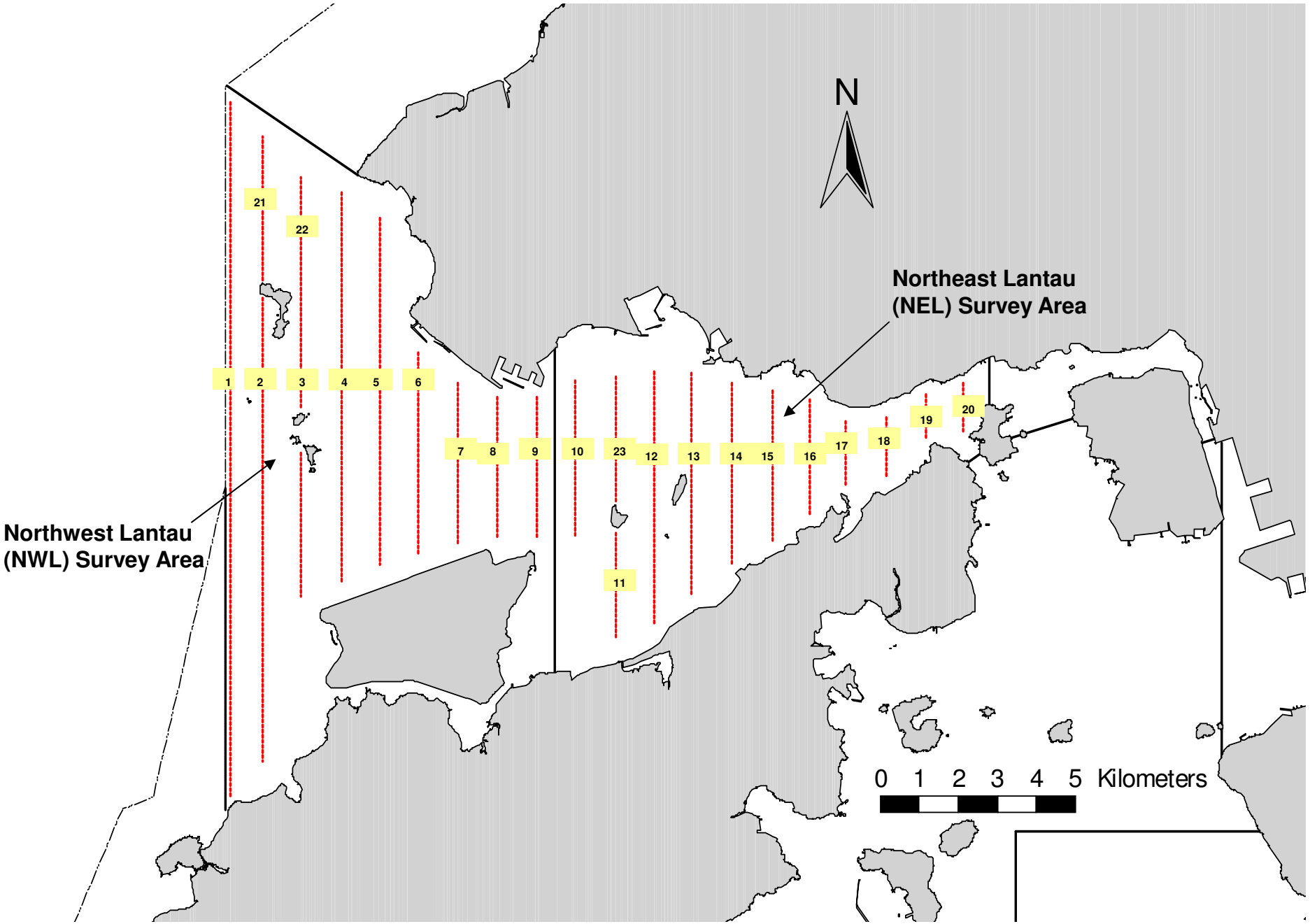


Figure 1. Transect Line Layout in Northwest and Northeast Lantau Survey Areas

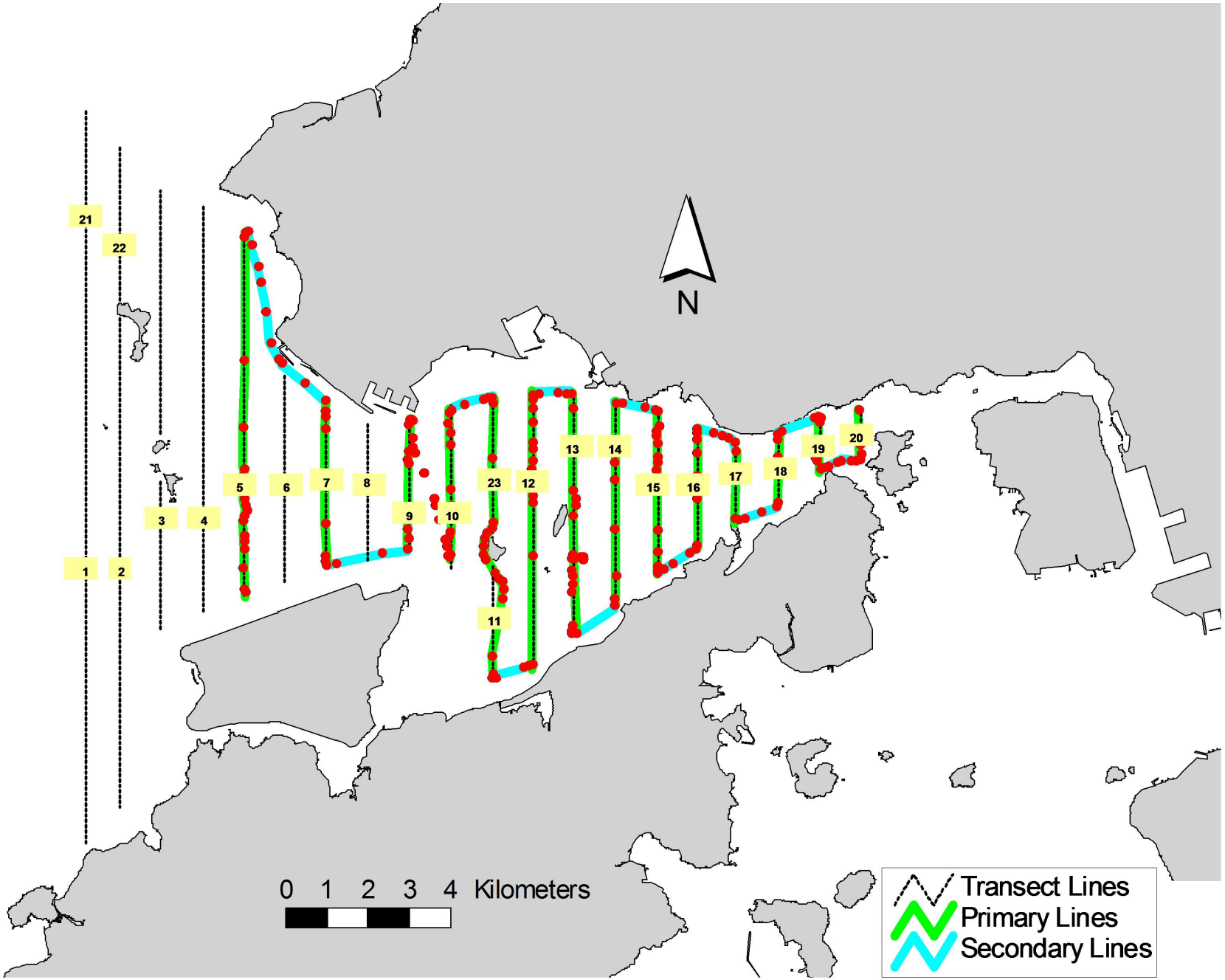


Figure 2. Survey Route on December 5th, 2013

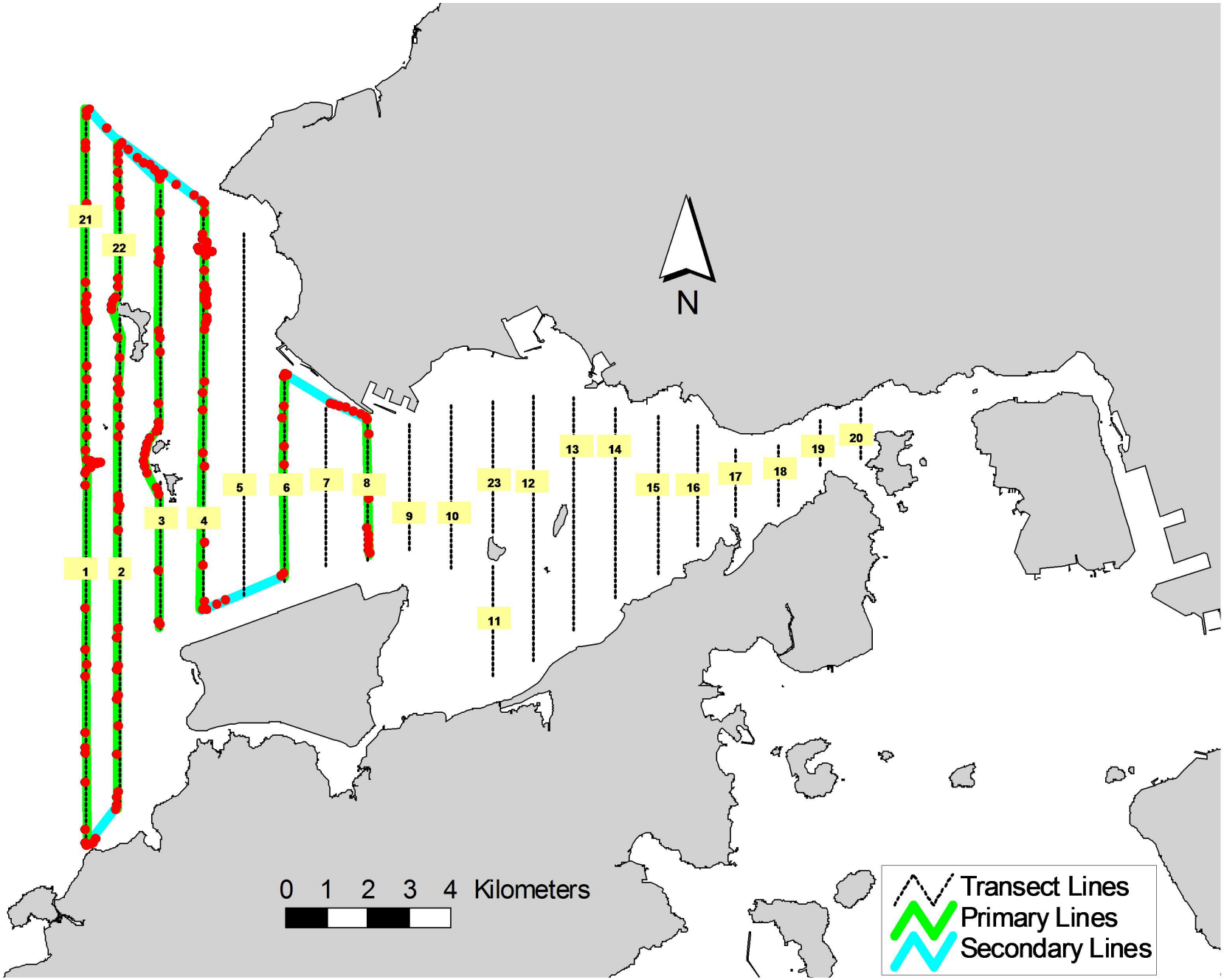


Figure 3. Survey Route on December 9th, 2013

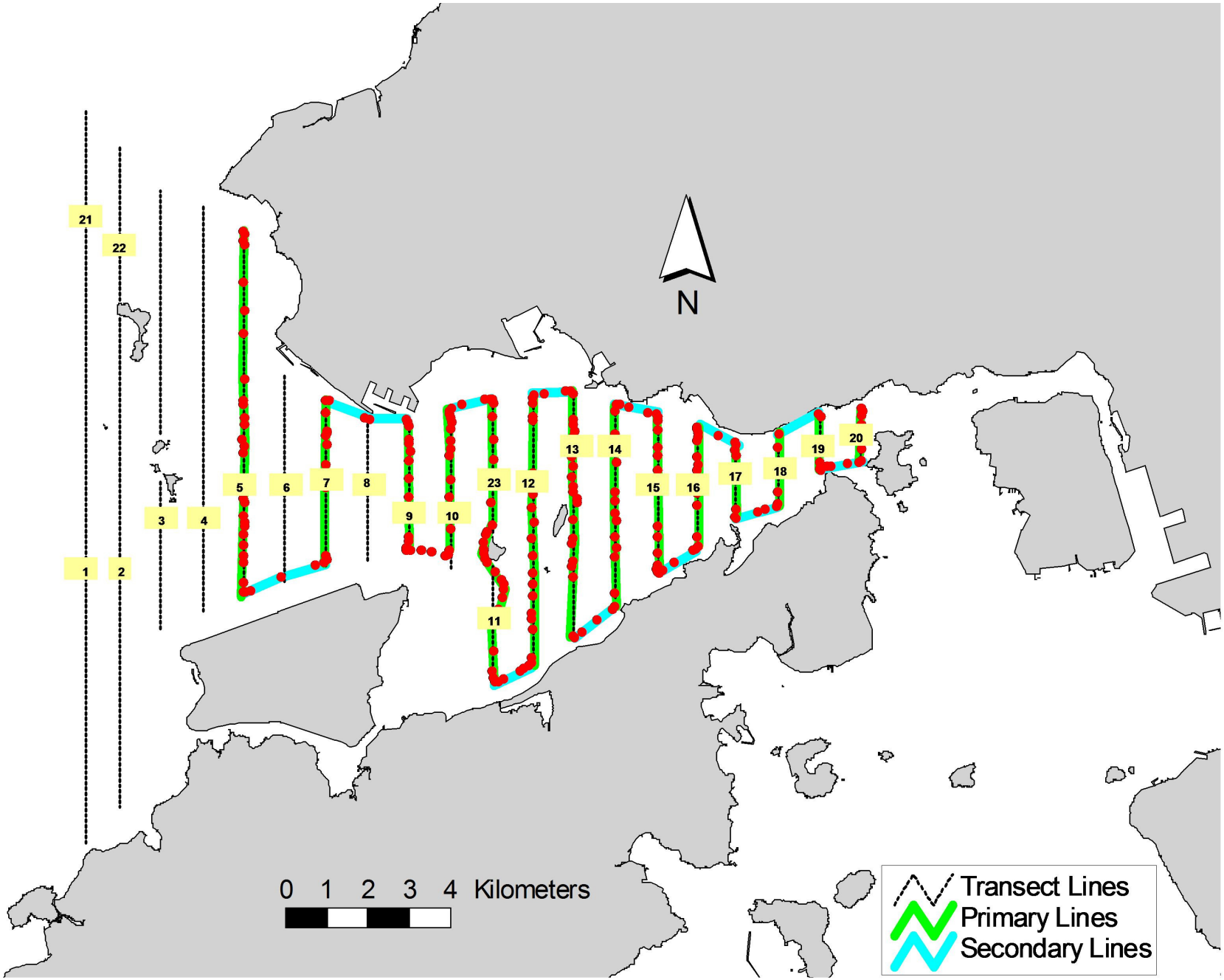


Figure 4. Survey Route on December 13th, 2013

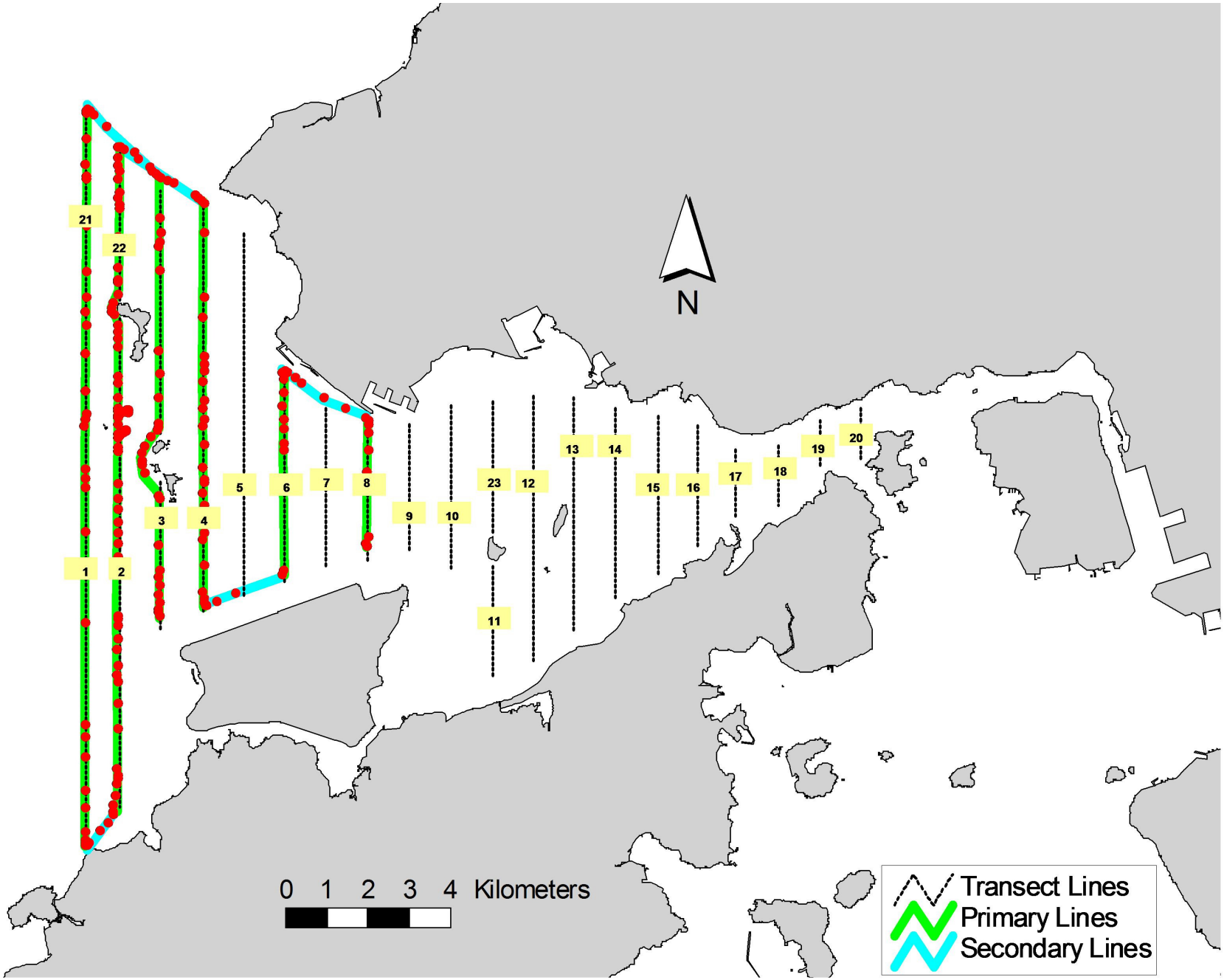


Figure 5. Survey Route on December 19th, 2013

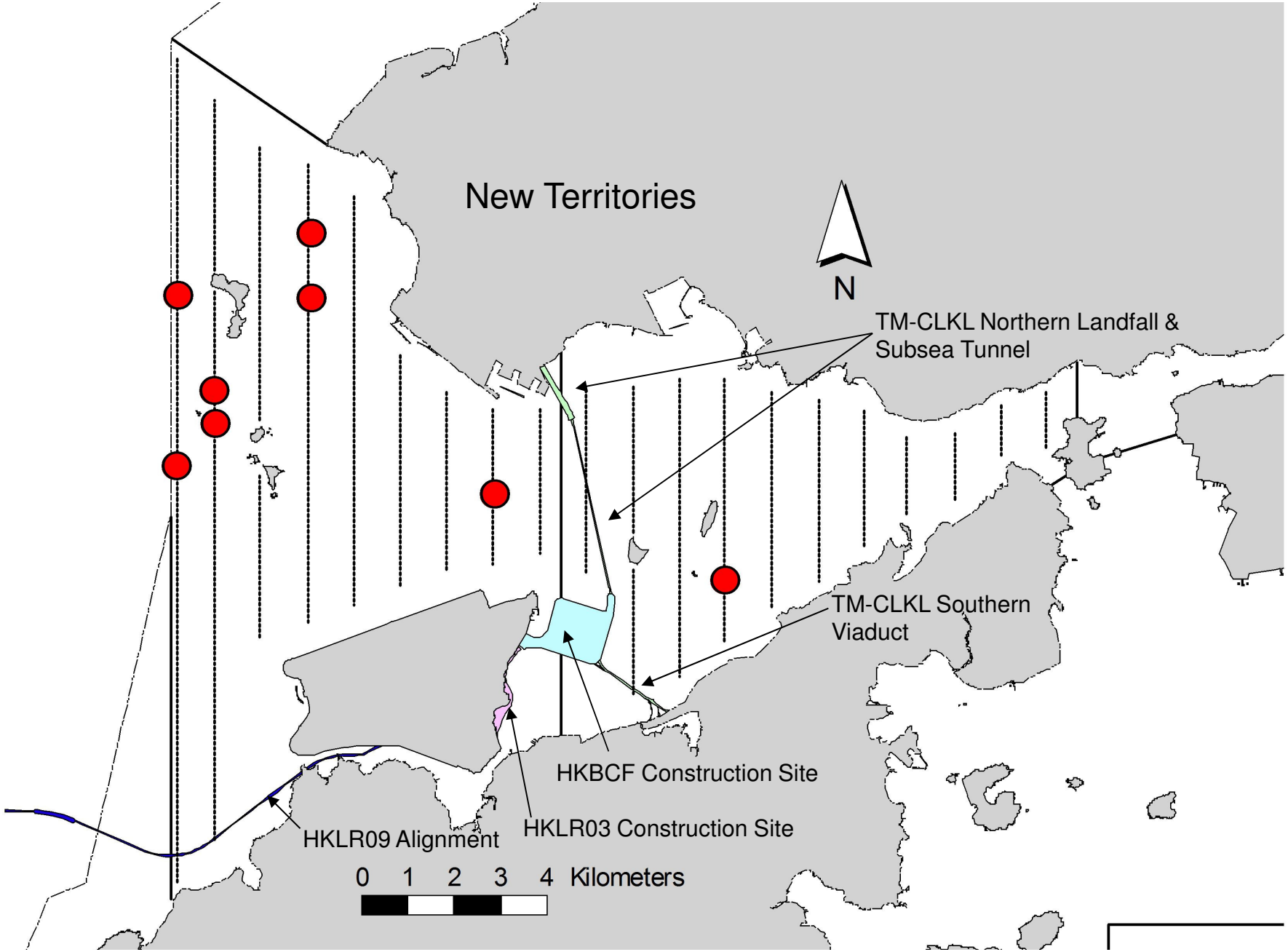


Figure 6. Distribution of Chinese White Dolphin Sightings During December 2013 HKLR03 Monitoring Surveys

Annex I. HKLR03 Survey Effort Database (December 2013)

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

DATE	AREA	BEAU	EFFORT	SEASON	VESSEL	TYPE	P/S
5-Dec-13	NE LANTAU	1	21.06	WINTER	STANDARD31516	HKLR	P
5-Dec-13	NE LANTAU	2	16.22	WINTER	STANDARD31516	HKLR	P
5-Dec-13	NE LANTAU	1	6.64	WINTER	STANDARD31516	HKLR	S
5-Dec-13	NE LANTAU	2	5.18	WINTER	STANDARD31516	HKLR	S
5-Dec-13	NW LANTAU	2	11.53	WINTER	STANDARD31516	HKLR	P
5-Dec-13	NW LANTAU	3	3.89	WINTER	STANDARD31516	HKLR	P
5-Dec-13	NW LANTAU	2	3.87	WINTER	STANDARD31516	HKLR	S
5-Dec-13	NW LANTAU	3	2.51	WINTER	STANDARD31516	HKLR	S
9-Dec-13	NW LANTAU	2	19.03	WINTER	STANDARD31516	HKLR	P
9-Dec-13	NW LANTAU	3	37.52	WINTER	STANDARD31516	HKLR	P
9-Dec-13	NW LANTAU	2	5.22	WINTER	STANDARD31516	HKLR	S
9-Dec-13	NW LANTAU	3	6.78	WINTER	STANDARD31516	HKLR	S
13-Dec-13	NE LANTAU	1	4.50	WINTER	STANDARD31516	HKLR	P
13-Dec-13	NE LANTAU	2	31.16	WINTER	STANDARD31516	HKLR	P
13-Dec-13	NE LANTAU	1	3.90	WINTER	STANDARD31516	HKLR	S
13-Dec-13	NE LANTAU	2	9.44	WINTER	STANDARD31516	HKLR	S
13-Dec-13	NW LANTAU	2	8.88	WINTER	STANDARD31516	HKLR	P
13-Dec-13	NW LANTAU	3	6.40	WINTER	STANDARD31516	HKLR	P
13-Dec-13	NW LANTAU	2	4.12	WINTER	STANDARD31516	HKLR	S
19-Dec-13	NW LANTAU	3	14.06	WINTER	STANDARD31516	HKLR	P
19-Dec-13	NW LANTAU	4	36.79	WINTER	STANDARD31516	HKLR	P
19-Dec-13	NW LANTAU	5	6.10	WINTER	STANDARD31516	HKLR	P
19-Dec-13	NW LANTAU	3	8.79	WINTER	STANDARD31516	HKLR	S
19-Dec-13	NW LANTAU	4	2.91	WINTER	STANDARD31516	HKLR	S
19-Dec-13	NW LANTAU	5	0.90	WINTER	STANDARD31516	HKLR	S

Annex II. HKLR03 Chinese White Dolphin Sighting Database (December 2013)

(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
05-Dec-13	1	1127	3	NE LANTAU	1	275	ON	HKLR	820787	816500	WINTER	NONE	P
09-Dec-13	1	1119	1	NW LANTAU	3	77	ON	HKLR	822544	811516	WINTER	NONE	P
09-Dec-13	2	1238	4	NW LANTAU	2	132	ON	HKLR	826515	807547	WINTER	NONE	P
09-Dec-13	3	1256	12	NW LANTAU	2	103	ON	HKLR	827833	807540	WINTER	NONE	P
09-Dec-13	4	1518	4	NW LANTAU	3	177	ON	HKLR	823088	804646	WINTER	NONE	P
09-Dec-13	5	1539	1	NW LANTAU	2	866	ON	HKLR	826577	804664	WINTER	NONE	P
19-Dec-13	1	1203	2	NW LANTAU	3	73	ON	HKLR	824648	805453	WINTER	NONE	P
19-Dec-13	2	1216	6	NW LANTAU	3	150	ON	HKLR	823972	805483	WINTER	NONE	P

Annex III. Individual dolphins identified during HKLR03 monitoring surveys in December 2013

ID#	DATE	STG#	AREA
CH34	09/12/13	3	NW LANTAU
EL01	05/12/13	1	NE LANTAU
NL24	05/12/13	1	NE LANTAU
	09/12/13	4	NW LANTAU
	19/12/13	2	NW LANTAU
NL48	09/12/13	3	NW LANTAU
NL49	09/12/13	3	NW LANTAU
NL98	19/12/13	2	NW LANTAU
NL104	09/12/13	3	NW LANTAU
NL136	09/12/13	2	NW LANTAU
NL139	09/12/13	2	NW LANTAU
NL165	09/12/13	3	NW LANTAU
NL226	05/12/13	1	NE LANTAU
NL242	19/12/13	2	NW LANTAU
NL244	09/12/13	1	NW LANTAU
NL261	09/12/13	3	NW LANTAU
NL262	09/12/13	3	NW LANTAU
NL284	09/12/13	3	NW LANTAU
WL04	09/12/13	2	NW LANTAU
WL05	09/12/13	3	NW LANTAU
WL46	09/12/13	3	NW LANTAU
WL179	09/12/13	4	NW LANTAU

Annex IV. Photographs of Identified Individual Dolphins in December 2013 (HKLR03)

Annex IV. (cont'd)

Annex IV. (cont'd)

APPENDIX I

Mudflat Monitoring Results

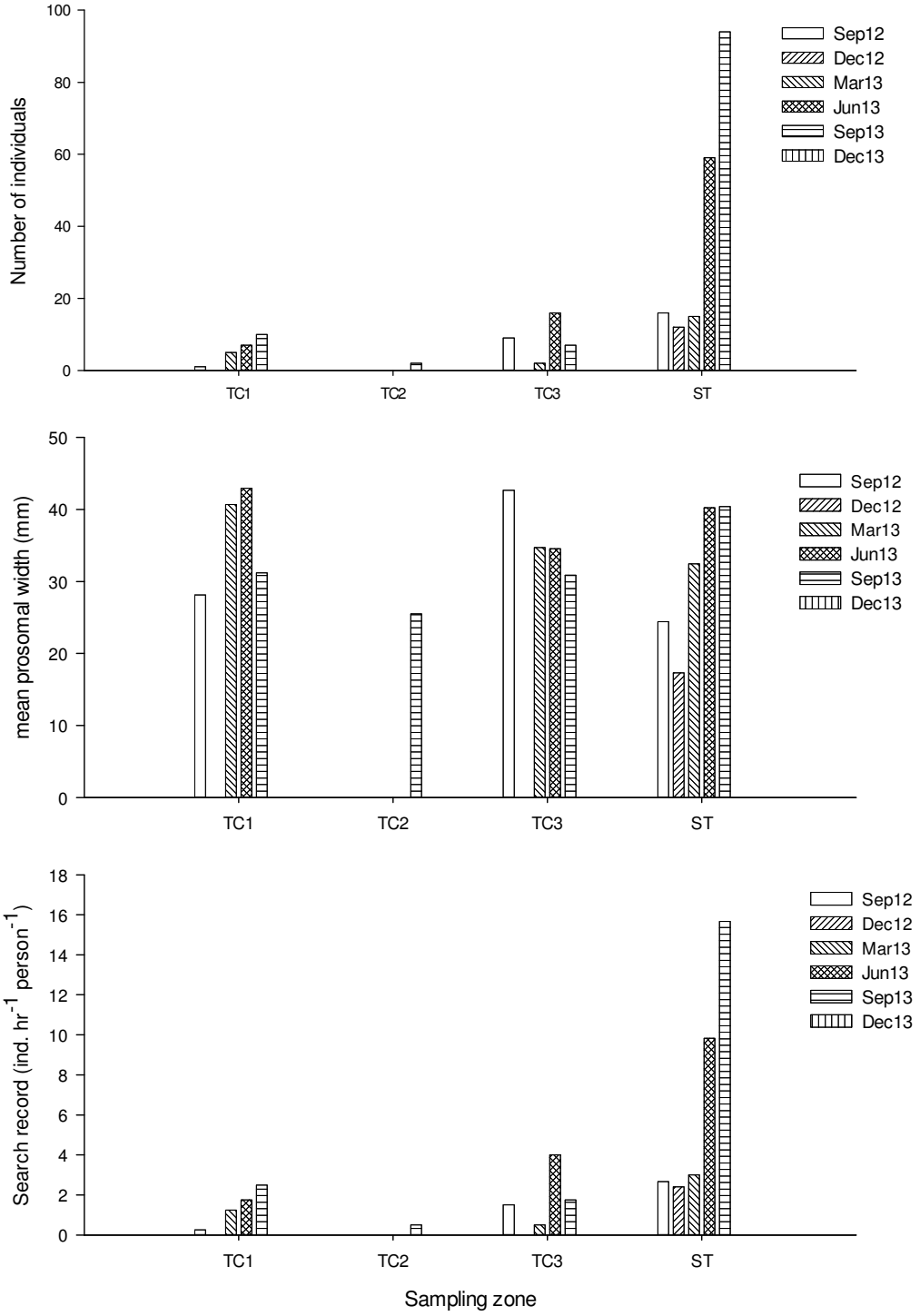


Figure 3.1. *Changes of number of individuals, mean prosomal width and search record of horseshoe crab Tachypleus tridentatus at the four sampling zones along the sampling months. * No individual was found in the survey of Dec. 2013.*

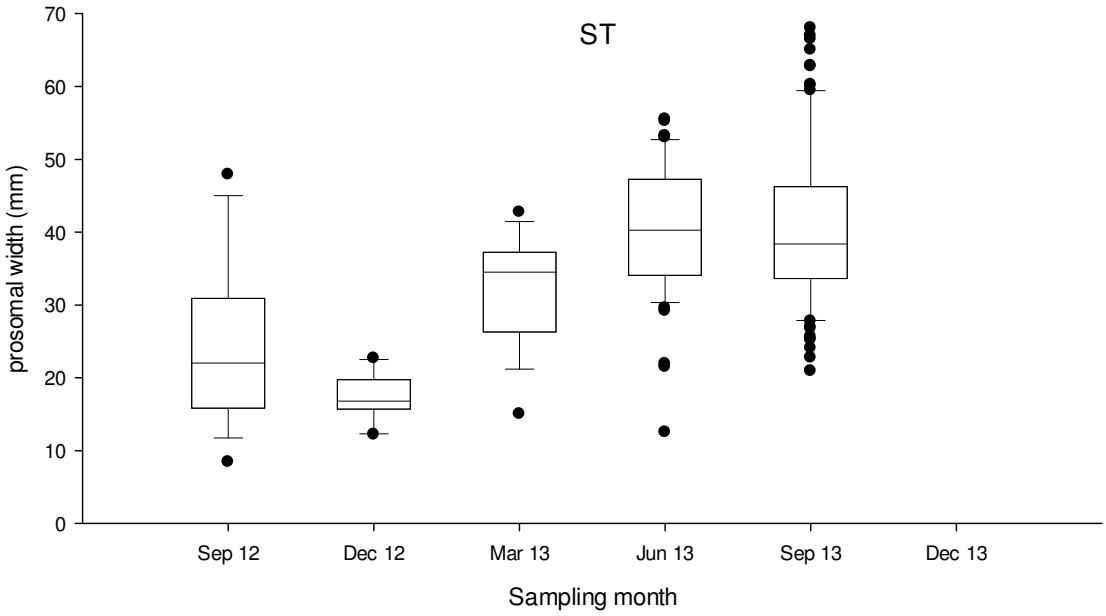


Figure 3.2. *Box plot of prosomal width of horseshoe crab Tachypleus tridentatus at the sampling zone ST along the sampling months. (The box represents 50% of the sample (upper to lower quartile) with a middle line showing the median value. The upper whisker and lower whisker showed the 25% of sample above upper quartile and below the lower quartile respectively. The black circle dots showed the data of outliner.) * No individual was found in the survey of Dec. 2013.*

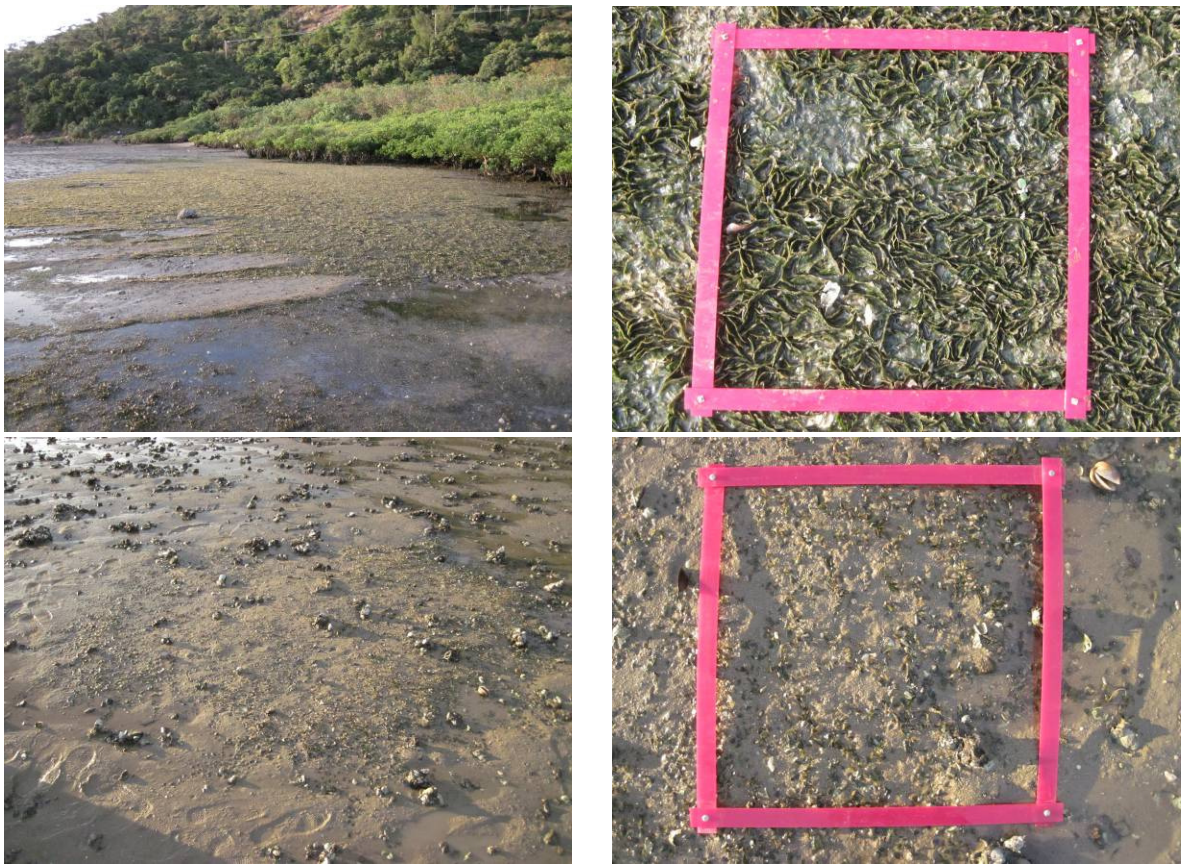
Table 3.1. *Summary of seagrass beds survey at every sampling zone*

Species	Estimated area (m^2)	Estimated coverage (%)	GPS coordinate	Remark
TC1 (search hour = 2 hr) & TC2 (search hour = 2 hr) & TC3 (search hour = 2 hr)				
No record				
ST (search hour = 2 hr)				
Halophila ovalis	70.6	90-100	Fr : 22º 17.212' N 113º 55.475' E To : 22º 17.218' N 113º 55.475' E	A medium patch of seagrass bed nearby the seaward side of mangrove area at tidal level 2.0m above C.D.
	51.5	90-95	Fr : 22º 17.219' N 113º 55.477' E To : 22º 17.214' N 113º 55.481' E	
	511.5	90-100	Fr : 22º 17.210' N 113º 55.476' E To : 22º 17.196' N 113º 55.477' E	A large patch of seagrass bed nearby the seaward side of mangrove area at tidal level 2.0m above C.D.
	5.4	15	22° 17.209' N 113° 55.475' E	
	5.0	5	22° 17.201' N 113° 55.490' E	
	1.8	5	22° 17.199' N 113° 55.493' E	
	4.0	5	22° 17.188' N 113° 55.506' E	A small patch of seagrass bed on soft mud between 1.0 and 1.5 m above C.D.
	1.0	5	22° 17.185' N 113° 55.508' E	
	1.2	50	22° 17.166' N 113° 55.512' E	
	33.9	50	22° 17.161' N 113° 55.505' E	
	6.9	50	22° 17.152' N 113° 55.503' E	

Table 3.1 (Cont'd). *Summary of seagrass beds survey at every sampling zone*

Species	Estimated area (m^2)	Estimated coverage (%)	GPS coordinate		Remark
ST (search hour = 2 hr)					
Halophila ovalis	1.5	50	22° 17.174' N	113° 55.487' E	A small patch of seagrass bed on soft mud between 1.0 and 1.5 m above C.D.
	1.8	25	22° 17.176' N	113° 55.485' E	
	3.4	50	22° 17.179' N	113° 55.482' E	
	6.4	80	22° 17.182' N	113° 55.483' E	
	2.9	5	22° 17.181' N	113° 55.486' E	
	13.0	25	22° 17.158' N	113° 55.490' E	
	5.5	30	22° 17.152' N	113° 55.495' E	
no. of patches	18				
Total area (m^2)	727.4				
Average area (m^2)	40.4				
Zostera japonica	5.4	20-30	22º 17.209' N	113º 55.475' E	A small patch grown in the long strand of another seagrass species *Halophila ovalis*
no. of patches	1				
Total area (m^2)	5.4				
Average area (m^2)	5.4				

Halophila ovalis



Zostera japonica

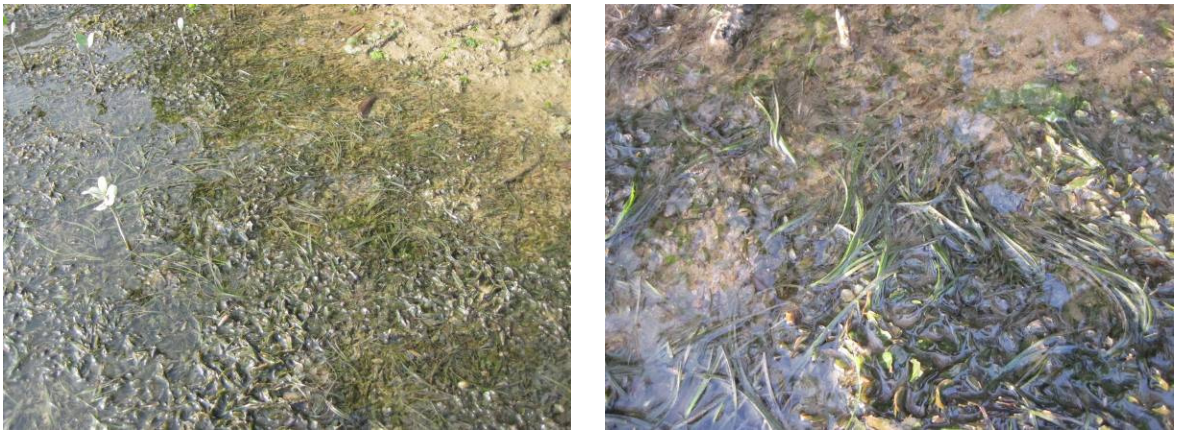


Figure 3.3. *Examples of photographic records of seagrass beds survey at ST (taken on 18/12/2013)*

Figure 3.4. P*hotographic records of flower of seagrass bed Halophila ovalis at ST (taken on 18/12/2013)*

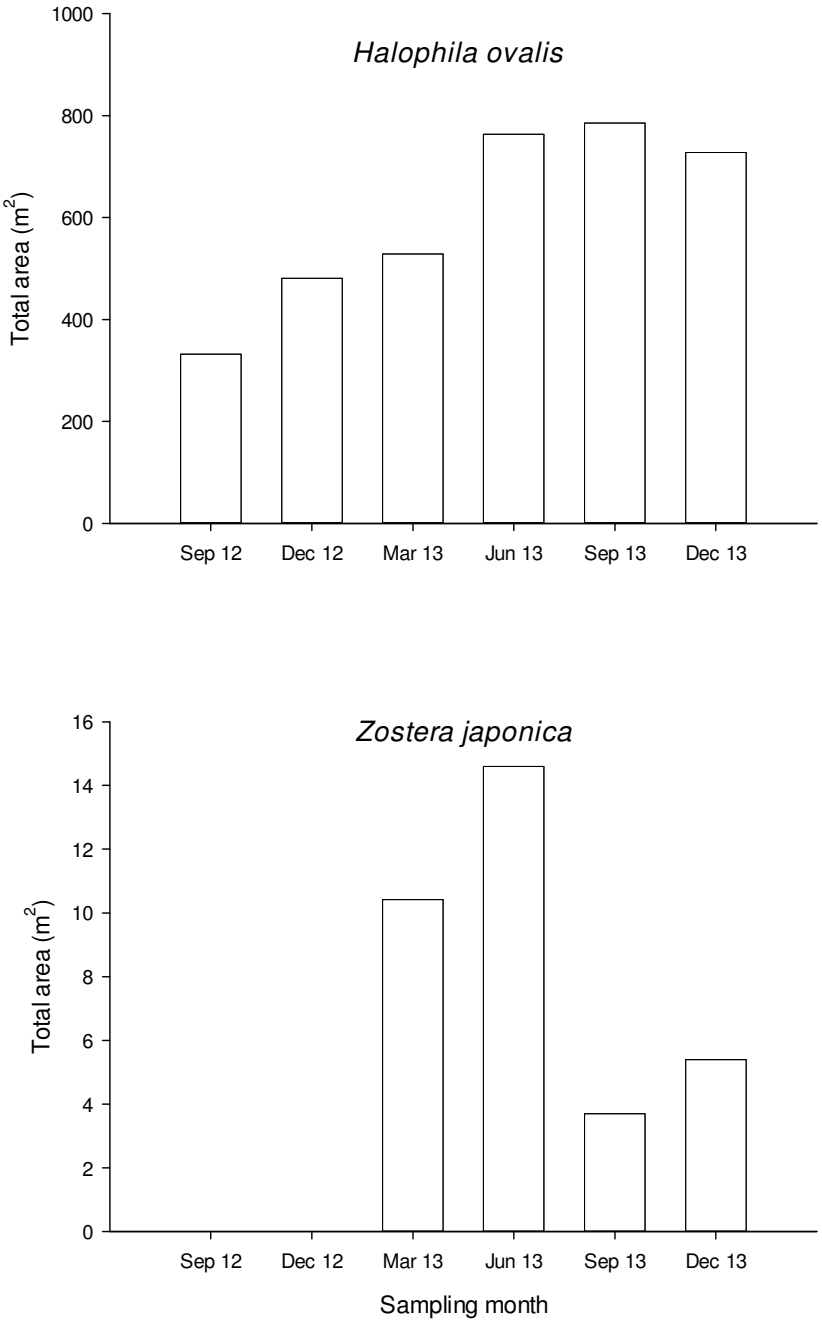


Figure 3.5. *Changes of estimated total area of seagrass beds at sampling zone ST along the sampling months*

Table 3.2. *Relative distribution (%) of types of substratum along the horizontal transect at every tidal level and sampling zone.*

		Percentage		
Sampling zone	**Tidal level**	**Gravels and Boulders**	**Sands**	**Soft mud**
TC1	H	40	50	10
	M	90	10	
	L	20	50	30
TC2	H		80	20
	M	40	60	
	L		10	90
TC3	H		60	40
	M		70	30
	L	100		
ST	H	100		
	M	90	10	
	L	20	30	50

H: 2.0 m above C.D.; M: 1.5 m above C.D.; L: 1.0 m above C.D.

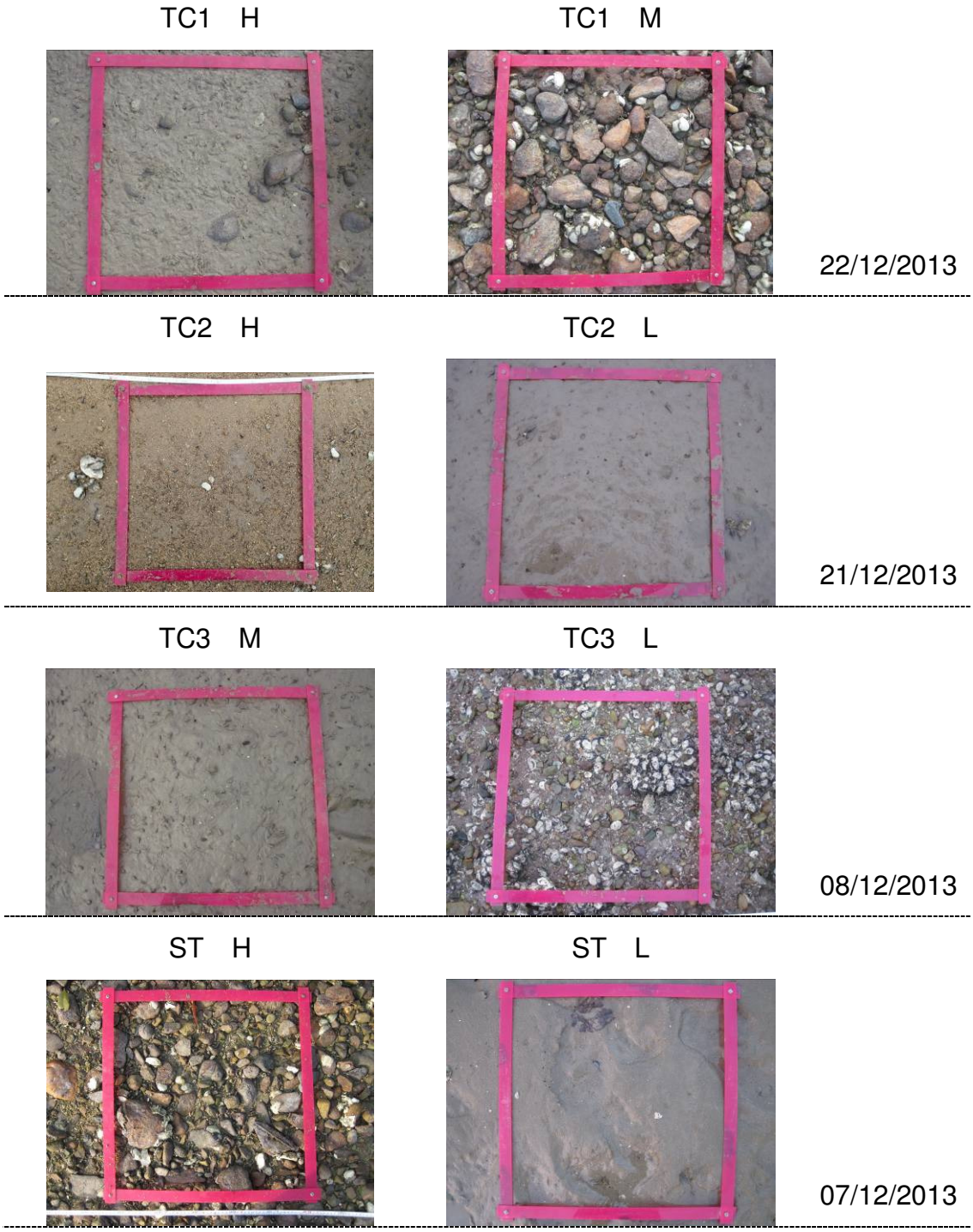


Figure 3.6. *Examples of photographic records of quadrat for intertidal soft shore community survey (H: 2.0 m above C.D.; M: 1.5 m above C.D.; L: 1.0 m above C.D.)*

Table 3.3. *Total abundance, density and number of taxon of every phylum*

Phylum	Total Abundance	%	Density (ind. m^{-2})	Number of taxon
Dec 2013				
Mollusca	13369	97.5	446	43
Arthropoda	201	1.5	7	12
Annelida	89	0.6	3	9
Sipuncula	36	0.3	1	1
Cnidaria	12	0.1	0	1
Echinodermata	7	0.1	0	2
Nemertea	3	0.0	0	1
Platyhelminthes	1	0.0	0	1
Total	13718			

0 ind. m^{-2}: Density of the phylum is less than 1 ind. m^{-2}.

0.0 %: Total abundance of the phylum is less than 0.1% of relative abundance.

Table 3.4. *The number of individuals, relative abundance (percentage) and density of each phylum at every sampling zone.*

Phylum	TC1	%	Density (ind. m^{-2})	TC2	%	Density (ind. m^{-2})	TC3	%	Density (ind. m^{-2})	ST	%	Density (ind. m^{-2})
Annelida	14	0.4	2	40	1.6	5	21	0.4	3	14	0.5	2
Arthropoda	64	1.9	9	51	2.0	7	63	1.3	8	23	0.8	3
Cnidaria	1	0.0	0				1	0.0	0	10	0.3	1
Echinodermata	3	0.1	0	2	0.1	0	1	0.0	0	1	0.0	0
Mollusca	3250	97.3	433	2419	96.1	323	4759	97.7	635	2941	98.3	392
Nemertea	1	0.0	0	1	0.0	0	1	0.0	0			
Platyhelminthes							1	0.0	0			
Sipuncula	8	0.2	1	3	0.1	0	23	0.5	3	2	0.1	0
Sub-total	3341			2516			4870			2991		

0.0 %: Total abundance of the phylum is less than 0.1% of relative abundance of the sampling zone.

0 ind. m^{-2}: Density of the phylum is less than 1 ind. m^{-2} of the sampling zone.

Table 3.5. *The abundant species (relative abundance >10%) at every sampling zone.*

Sampling zone TC1	Group	Species	mean density (ind. m^{-2})	relative abundance (%)	cumulative relative abundance (%)
High	G	*Batillaria multiformis*	327	79	79
Mid	G	*Batillaria multiformis*	382	59	59
	Bi	*Saccostrea cucullata*	123	19	77
	G	*Monodonta labio*	73	11	89
Low	Bi	*Saccostrea cucullata*	97	36	36
	G	*Batillaria zonalis*	38	14	50
	Bi	*Xenostrobus atrata*	30	11	61
	G	*Lunella coronata*	29	11	72

Bi = Bivalve, G = Gastropod

Table 3.5(Cont'd). *The abundant species (relative abundance >10%) at every sampling zone.*

Sampling zone TC2	Group	Species	mean density (ind. m^{-2})	relative abundance (%)	cumulative relative abundance (%)
High	G	*Cerithidea djadjariensis*	192	39	39
	G	*Batillaria multiformis*	147	30	69
	G	*Cerithidea cingulata*	66	13	82
	G	*Batillaria zonalis*	50	10	92
Mid	Bi	*Saccostrea cucullata*	124	32	32
	G	*Cerithidea djadjariensis*	72	19	51
	G	*Batillaria zonalis*	58	15	65
Low	G	*Batillaria zonalis*	35	28	28
	G	*Cerithidea djadjariensis*	30	24	52
	Bi	*Saccostrea cucullata*	23	18	71

Bi = Bivalve, G = Gastropod

Table 3.5(Cont'd). *The abundant species at every sampling zone.*

Sampling zone TC3	Group	Species	mean density (ind. m^{-2})	relative abundance (%)	cumulative relative abundance (%)
High	G	*Batillaria multiformis*	238	54	54
	G	*Cerithidea djadjariensis*	144	33	87
Mid	G	*Batillaria multiformis*	379	58	58
	G	*Cerithidea djadjariensis*	105	16	74
Low	G	*Batillaria multiformis*	390	46	46
	Bi	*Saccostrea cucullata*	165	19	65
	G	*Monodonta labio*	119	14	79

Bi = Bivalve, G = Gastropod

Table 3.5(Cont'd). *The abundant species at every sampling zone.*

Sampling zone ST	Group	Species	mean density (ind. m^{-2})	relative abundance (%)	cumulative relative abundance (%)
High	G	*Batillaria multiformis*	522	73	73
	G	*Monodonta labio*	74	10	84
Mid	Bi	*Saccostrea cucullata*	143	38	38
	G	*Batillaria multiformis*	54	14	52
	G	*Monodonta labio*	46	12	64
	G	*Lunella coronata*	40	10	75
Low	G	*Batillaria zonalis*	32	29	29
	Bi	*Saccostrea cucullata*	24	22	51

Bi = Bivalve, G = Gastropod

Table 3.6. *Mean values of number of species, density, Shannon-Weaver Diversity Index (H') and Pielou's Species Evenness (J) at every tidal level and sampling zone*

Sampling zone	Tidal level	Mean number of species (spp. 0.25 m^{-2})	Mean density (ind. m^{-2})	Mean *H'*	Mean *H'* across tidal level	Mean *J*	Mean *J* across tidal level
TC1	H	5	413	0.66		0.37	
	M	11	652	1.37	1.25	0.60	0.57
	L	11	272	1.73		0.73	
TC2	H	8	495	1.33		0.65	
	M	10	388	1.57	1.44	0.72	0.72
	L	7	124	1.43		0.79	
TC3	H	6	439	0.87		0.49	
	M	9	656	1.12	1.17	0.54	0.55
	L	12	852	1.51		0.62	
ST	H	12	710	1.11		0.44	
	M	13	379	1.81	1.49	0.72	0.66
	L	7	107	1.55		0.81	

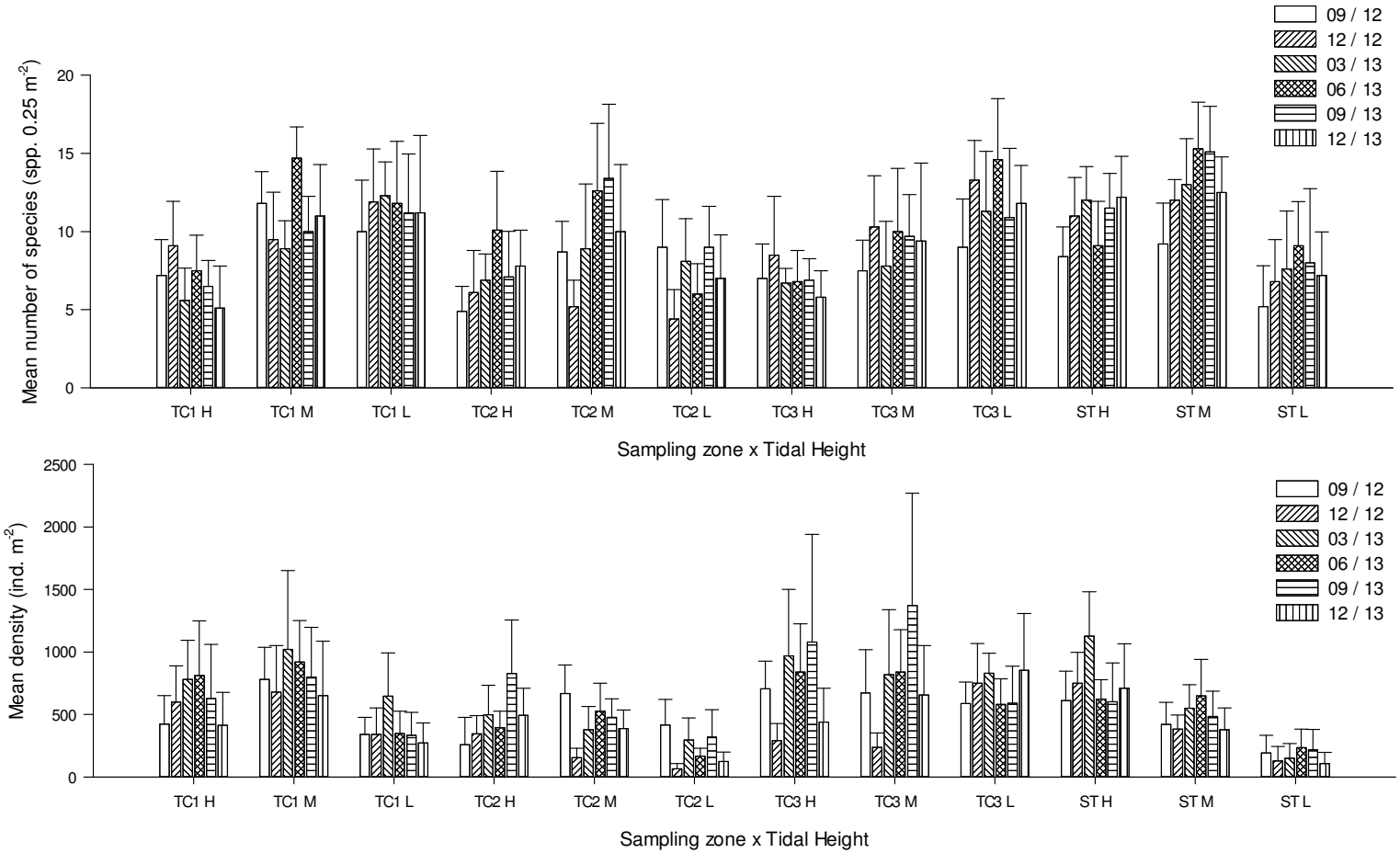


Figure 3.7. *Temporal changes of number of species, density, Shannon-Weaver Diversity Index (H') and Pielou's Species Evenness (J) (mean ± SD) at every tidal level and sampling zone*

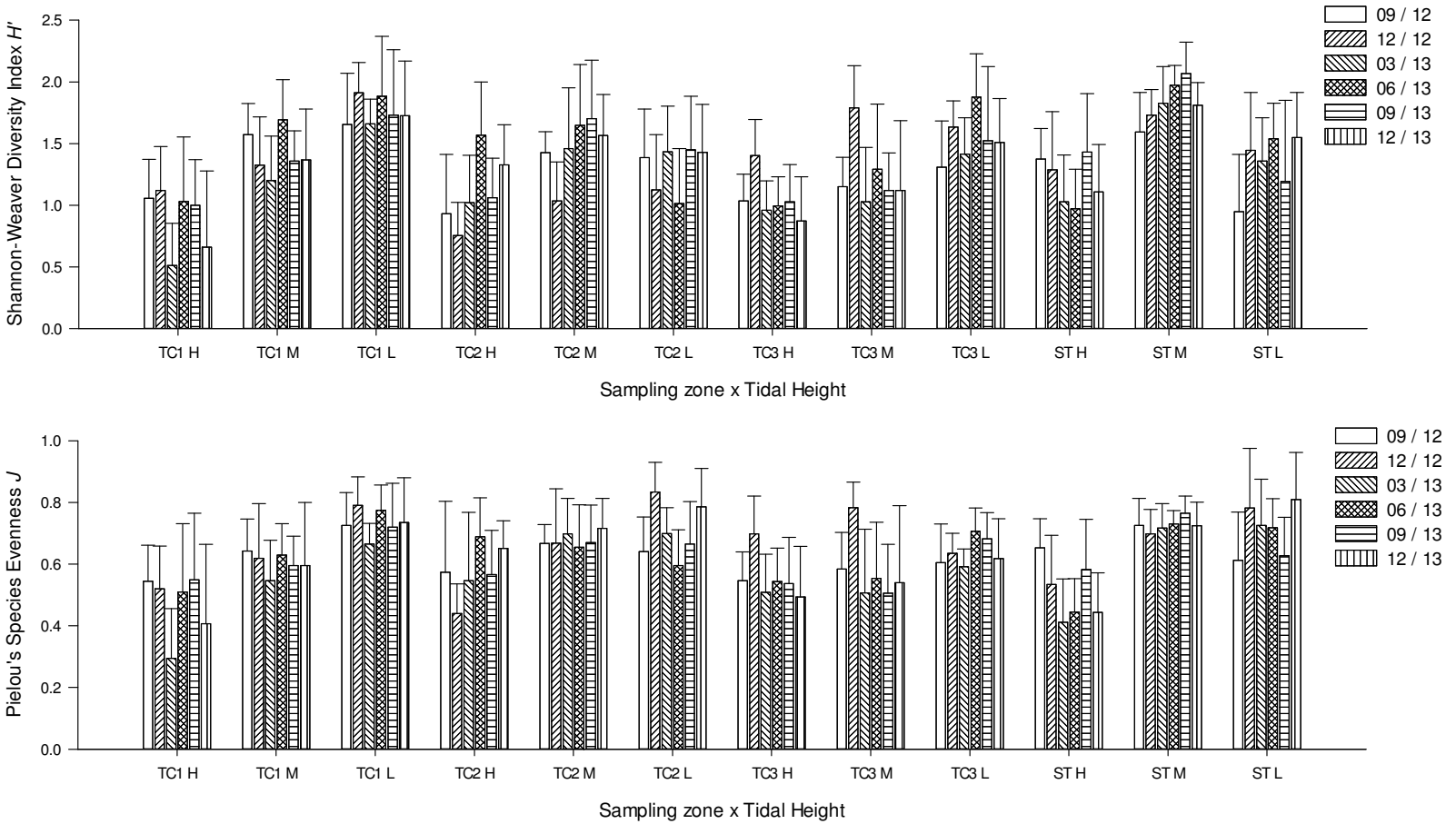


Figure 3.7 (Cont'd). *Temporal changes of number of species, density, Shannon-Weaver Diversity Index (H') and Pielou's Species Evenness (J) (mean ± SD) at every tidal level and sampling zone*

Annex I *Location of sampling zones (map from ATKINS China Ltd.)*

Annex II *Taxonomic resolution of every recorded species of intertidal soft shore community survey*

Kingdom	Phylum	Class	Order	Family	Species
Animalia	Annelida	Clitellata			Marine oligochaete spp.
Animalia	Annelida	Polychaeta	Eunicida	Onuphidae	Onuphidae spp.
Animalia	Annelida	Polychaeta	Phyllodocida	Glyceridae	Glyceridae spp.
Animalia	Annelida	Polychaeta	Phyllodocida	Goniadidae	Goniadidae spp.
Animalia	Annelida	Polychaeta	Phyllodocida	Nereididae	Nereididae spp.
Animalia	Annelida	Polychaeta	Phyllodocida	Polynoidae	Polynoidae spp.
Animalia	Annelida	Polychaeta	Sabellida	Oweniidae	Oweniidae spp.
Animalia	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharetidae spp.
Animalia	Annelida	Polychaeta		Maldanidae	Maldanidae spp.
Animalia	Arthropoda	Malacostraca	Decapoda	Alpheidae	*Alpheus* sp.
Animalia	Arthropoda	Malacostraca	Decapoda	Diogenidae	*Clibanarius* sp.
Animalia	Arthropoda	Malacostraca	Decapoda	Grapsidae	*Metopograpsus latifrons*
Animalia	Arthropoda	Malacostraca	Decapoda	Ocypodidae	*Macrophthalmus erato*
Animalia	Arthropoda	Malacostraca	Decapoda	Ocypodidae	*Uca lactea*
Animalia	Arthropoda	Malacostraca	Decapoda	Ocypodidae	*Uca* sp.
Animalia	Arthropoda	Malacostraca	Decapoda	Paguridae	*Pagurus dubius*
Animalia	Arthropoda	Malacostraca	Decapoda	Penaeidae	*Penaeus* sp.
Animalia	Arthropoda	Malacostraca	Decapoda	Portunidae	*Charybdis affinis*
Animalia	Arthropoda	Malacostraca	Decapoda	Sesarmidae	*Nanosesarma minutum*
Animalia	Arthropoda	Malacostraca	Decapoda	Varunidae	*Hemigrapsus penicillatus*
Animalia	Arthropoda	Maxillopoda	Sessilia	Balanidae	*Balanus amphitrite*
Animalia	Cnidaria				Sea anemone spp.
Animalia	Echinodermata	Holothuroidea			Sea cucumber spp.
Animalia	Echinodermata	Ophiuroidea	Ophiurida	Amphiuridae	*Amphioplus depressus*
Animalia	Mollusca	Bivalvia	Anomalodesmata	Laternulidae	*Laternula anatina*
Animalia	Mollusca	Bivalvia	Arcoida	Arcidae	*Barbatia signata*
Animalia	Mollusca	Bivalvia	Arcoida	Arcidae	*Barbatia virescens*
Animalia	Mollusca	Bivalvia	Arcoida	Arcidae	*Scapharca cornea*
Animalia	Mollusca	Bivalvia	Mytiloida	Mytilidae	*Xenostrobus atrata*
Animalia	Mollusca	Bivalvia	Ostreoida	Ostreidae	*Saccostrea cucullata*
Animalia	Mollusca	Bivalvia	Pterioida	Pteriidae	*Isognomon isognomon*
Animalia	Mollusca	Bivalvia	Veneroida	Corbiculidae	*Geloina erosa*
Animalia	Mollusca	Bivalvia	Veneroida	Mesodesmatidae	*Caecella chinensis*

Annex II (Cont'd) *Taxonomic resolution of every recorded species of intertidal soft shore community survey*

Kingdom	Phylum	Class	Order	Family	Species
Animalia	Mollusca	Bivalvia	Veneroida	Veneridae	*Anomalocardia squamosa*
Animalia	Mollusca	Bivalvia	Veneroida	Veneridae	*Cyclina sinesis*
Animalia	Mollusca	Bivalvia	Veneroida	Veneridae	*Dosinia japonica*
Animalia	Mollusca	Bivalvia	Veneroida	Veneridae	*Marcia japonica*
Animalia	Mollusca	Bivalvia	Veneroida	Veneridae	*Meretrix meretrix*
Animalia	Mollusca	Bivalvia	Veneroida	Veneridae	*Ruditapes philippinarum*
Animalia	Mollusca	Gastropoda	Caenogastropoda	Batillariidae	*Batillaria bornii*
Animalia	Mollusca	Gastropoda	Caenogastropoda	Batillariidae	*Batillaria multiformis*
Animalia	Mollusca	Gastropoda	Caenogastropoda	Batillariidae	*Batillaria zonalis*
Animalia	Mollusca	Gastropoda	Caenogastropoda	Planaxidae	*Planaxis sulcatus*
Animalia	Mollusca	Gastropoda	Caenogastropoda	Potamididae	*Cerithidea cingulata*
Animalia	Mollusca	Gastropoda	Caenogastropoda	Potamididae	*Cerithidea djadjariensis*
Animalia	Mollusca	Gastropoda	Caenogastropoda	Potamididae	*Cerithidea rhizophorarum*
Animalia	Mollusca	Gastropoda	Cycloneritimorpha	Neritidae	*Clithon faba*
Animalia	Mollusca	Gastropoda	Cycloneritimorpha	Neritidae	*Clithon oualaniensis*
Animalia	Mollusca	Gastropoda	Cycloneritimorpha	Neritidae	*Nerita polita*
Animalia	Mollusca	Gastropoda	Littorinimorpha	Littorinidae	*Littoraia melanostoma*
Animalia	Mollusca	Gastropoda	Littorinimorpha	Littorinidae	*Littoraria articulata*
Animalia	Mollusca	Gastropoda	Littorinimorpha	Littorinidae	Peasiella spp.
Animalia	Mollusca	Gastropoda	Neogastropoda	Buccinidae	*Pisania ignea*
Animalia	Mollusca	Gastropoda	Neogastropoda	Muricidae	*Thais luteostoma*
Animalia	Mollusca	Gastropoda	Neogastropoda	Nassariidae	*Nassarius festivus*
Animalia	Mollusca	Gastropoda	Neogastropoda	Nassariidae	*Nassarius hepaticus*
Animalia	Mollusca	Gastropoda	Neogastropoda	Nassariidae	*Nassarius* sp.
Animalia	Mollusca	Gastropoda		Lottiidae	*Nipponacmea concinna*
Animalia	Mollusca	Gastropoda		Lottiidae	*Patelloida pygmaea*
Animalia	Mollusca	Gastropoda		Nacellidae	*Cellana grata*
Animalia	Mollusca	Gastropoda		Nacellidae	*Cellana toreuma*
Animalia	Mollusca	Gastropoda		Trochidae	*Euchelus scaber*
Animalia	Mollusca	Gastropoda		Trochidae	*Monodonta labio*
Animalia	Mollusca	Gastropoda		Turbinidae	*Chlorostoma argyrostoma*
Animalia	Mollusca	Gastropoda		Turbinidae	*Lunella coronata*
Animalia	Mollusca	Polyplacophora	Chitonida	Ischnochitonidae	*Lepidozona* sp.

Annex II (Cont'd) *Taxonomic resolution of every recorded species of intertidal soft shore community survey*

Kingdom	Phylum	Class	Order	Family	Species
Animalia	Mollusca	Scaphopoda	Dentaliida	Dentaliidae	*Dentalium sinuosum*
Animalia	Nemertea				Nemertea spp.
Animalia	Platyhelminthes				Platyhelminthes spp.
Animalia	Sipuncula	Sipunculidea	Golfingiida	Sipunculidae	*Sipunculus nudus*

Annex III *List of recorded fauna of intertidal soft shore community survey at every sampling zone*

Dec 2013 Sampling zone TC 1 High tidal level (2.0 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
Bi	*Geloina erosa*	3														1						4
Bi	*Saccostrea cucullata*	3				19		1		5												28
Bi	*Xenostrobus atrata*					2		1														3
C	*Hemigrapsus penicillatus*					2																2
G	*Batillaria multiformis*	13		27		173		146		103		31	1	142		92	15	3		72		818
G	*Batillaria zonalis*	3		1																		4
G	*Cerithidea cingulata*	6		8						1						1	11					27
G	*Cerithidea djadjariensis*	7		37		13								1		6	3			3		70
G	*Cerithidea rhizophorarum*			3		2						1		1								7
G	*Clithon faba*	9														3				2		14
G	*Clithon oualaniensis*	9														1						10
G	*Littoraria articulata*					9				2												11
G	*Monodonta labio*	2				6		6		4				3		2				10		33
G	*Nerita polita*			1																		1
G	*Patelloida pygmaea*					1																1
																					Total	1033

Annex III (Cont'd) *List of recorded fauna of intertidal soft shore community survey at every sampling zone*

Dec 2013 Sampling zone TC 1 Mid tidal level (1.5 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
Ba	*Balanus amphitrite*			1																		1
Bi	*Barbatia signata*			1						1												2
Bi	*Barbatia virescens*	3		1				1				1										6
Bi	*Geloina erosa*	1																				1
Bi	*Ruditapes philippinarum*	1																				1
Bi	*Saccostrea cucullata*	13		73				51		29		59		23		17		28		14		307
Bi	*Xenostrobus atrata*			7				4		3		3		1						7		25
C	*Hemigrapsus penicillatus*			2		1		1		1				1		2		1				9
C	*Metopograpsus latifrons*			1								1										2
C	*Nanosesarma minutum*							4		2		1		1								8
C	*Uca* sp.						1															1
Cn	Sea anemone spp.																			1		1
Ec	Sea cucumber spp.	1										1										2
G	*Batillaria multiformis*	7		22				35		75		137		123		91		94		370		954
G	*Cellana grata*	1		2						2				2		2						9
G	*Cellana toreuma*			1																		1
G	*Cerithidea cingulata*	1		1										2		1				1		6
G	*Cerithidea djadjariensis*	16		1		1		1		1				2		3		7				32
G	*Cerithidea rhizophorarum*	1														2		4				7

Annex III (Cont'd) *List of recorded fauna of intertidal soft shore community survey at every sampling zone*

Dec 2013 Sampling zone TC 1 Mid tidal level (1.5 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
G	*Clithon faba*	2												6		3		7				18
G	*Clithon oualaniensis*					1										1						2
G	*Lepidozona* sp.							1														1
G	*Littoraia melanostoma*							1														1
G	*Littoraria articulata*									1										4		5
G	*Lunella coronata*	9		5						3		2				3		3				25
G	*Monodonta labio*	8		33				25		18		33		24		14		14		13		182
G	*Nassarius festivus*													1				3				4
G	*Nassarius* sp.											1						1				2
G	*Nerita polita*			2										2								4
G	*Patelloida pygmaea*			1						4						1						6
G	Peasiella spp.	1																				1
Ne	Nemertea spp.											1										1
Ol	Marine oligochaete spp.																			1		1
P	Nereididae spp.											1										1
																					Total	1629

Annex III (Cont'd) *List of recorded fauna of intertidal soft shore community survey at every sampling zone*

Dec 2013 Sampling zone TC 1 Low tidal level (1.0 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
Ba	*Balanus amphitrite*							4				2		2		7		6		5		26
Bi	*Barbatia signata*	2		1										2		1				3		9
Bi	*Barbatia virescens*	1				4								4				2		8		19
Bi	*Dosinia japonica*																				1	1
Bi	*Ruditapes philippinarum*													1						5		6
Bi	*Saccostrea cucullata*	48		24		67		8				4		15		7		9		61		243
Bi	*Xenostrobus atrata*	1		6		26		1						26						15		75
C	*Hemigrapsus penicillatus*			2										2						5		9
C	*Metopograpsus latifrons*					1														1		2
Ec	Sea cucumber spp.																1					1
G	*Batillaria bornii*														1						1	2
G	*Batillaria multiformis*	6		3				4		3	1	5		3	2	1		4		5		37
G	*Batillaria zonalis*			9		8		8		32	1	16	2	3	1	10		6				96
G	*Cerithidea cingulata*					1					1						1					3
G	*Cerithidea djadjariensis*	1		4		2		4	1	1												13
G	*Cerithidea rhizophorarum*							3														3
G	*Chlorostoma argyrostoma*																			1		1
G	*Clithon faba*															1				1		2
G	*Euchelus scaber*					2														3		5

Annex III (Cont'd) *List of recorded fauna of intertidal soft shore community survey at every sampling zone*

Dec 2013 Sampling zone TC 1 Low tidal level (1.0 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
G	*Lunella coronata*	13		9		18		2				1		9		3		7		11		73
G	*Monodonta labio*	11										1		3						1		16
G	*Nassarius festivus*													1						3		4
G	*Nassarius* sp.										1						1					2
G	*Nerita polita*	1																		3		4
G	*Nipponacmea concinna*	1																				1
G	*Patelloida pygmaea*																			1		1
G	Peasiella spp.																	1				1
Hc	*Pagurus dubius*					1										1		1		1		4
P	Maldanidae spp.										1				1		2					4
P	Nereididae spp.							1							1						2	4
P	Onuphidae spp.										1				1							2
P	Oweniidae spp.														1	1						2
Sp	*Sipunculus nudus*			4		3															1	8

Total 679

Annex III (Cont'd) *List of recorded fauna of intertidal soft shore community survey at every sampling zone*

Dec 2013 Sampling zone TC 2 High tidal level (2.0 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
Ba	*Balanus amphitrite*	2																				2
Bi	*Anomalocardia squamosa*																			1		1
Bi	*Barbatia virescens*											1										1
Bi	*Marcia japonica*															1						1
Bi	*Ruditapes philippinarum*																			3		3
Bi	*Saccostrea cucullata*	7				1				5		18		3		8				1		43
Bi	*Xenostrobus atrata*																			1		1
C	*Hemigrapsus penicillatus*															1						1
G	*Batillaria multiformis*			8		30	2	103	1	71		35	5	15	1	22	1	27	5	40	2	368
G	*Batillaria zonalis*					4		10		18	1			14		19		22	1	35		124
G	*Cerithidea cingulata*	8	1	4		29	5	6	7	12	2	39	5	3	3	2		4	9	14	11	164
G	*Cerithidea djadjariensis*	32	5	51	7	80	17	3	17	49	7	86	8	20	14	8		17	17	43		481
G	*Cerithidea rhizophorarum*			1		1								1								3
G	*Clithon oualaniensis*																	1		3		4
G	*Lepidozona* sp.											1										1
G	*Lunella coronata*	2						1		2		4								3		12
G	*Monodonta labio*									1		7		1								9
G	*Nassarius festivus*	4										1		1		1			1	2		10
G	*Nassarius* sp.									1		1		1								3

Annex III (Cont'd) *List of recorded fauna of intertidal soft shore community survey at every sampling zone*

Dec 2013 Sampling zone TC 2 High tidal level (2.0 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
P	Ampharetidae spp.				1																	1
P	Maldanidae spp.																1		1		1	3
P	Oweniidae spp.																		1			1
																					Total	1237

Annex III (Cont'd) *List of recorded fauna of intertidal soft shore community survey at every sampling zone*

Dec 2013 Sampling zone TC 2 Mid tidal level (1.5 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
Ba	*Balanus amphitrite*					3		1												1		5
Bi	*Barbatia signata*					1						7		1								9
Bi	*Barbatia virescens*											1		1								2
Bi	*Cyclina sinesis*																		1			1
Bi	*Isognomon isognomon*											1										1
Bi	*Ruditapes philippinarum*							1												1		2
Bi	*Saccostrea cucullata*	92		49		75		27				31		32						3		309
Bi	*Xenostrobus atrata*	3		5		13						1		4								26
C	*Hemigrapsus penicillatus*	2				2		4				2		1								11
C	*Macrophthalmus erato*											1										1
Ec	Sea cucumber spp.	1																				1
G	*Batillaria bornii*											2		1	2							5
G	*Batillaria multiformis*	4		1		20		6		5		1		4	1	25	1	12	2	13		95
G	*Batillaria zonalis*							1		11	1	2		18		28		35	3	45		144
G	*Cellana toreuma*	2				1						1										4
G	*Cerithidea cingulata*	2				5		7				2		1		6		3	2	2		30
G	*Cerithidea djadjariensis*	11		2		18		10		14	2	20		10	7	19	9	19	10	25	5	181
G	*Cerithidea rhizophorarum*			2		2								1								5
G	*Littoraria articulata*	2		7																		9

Annex III (Cont'd) *List of recorded fauna of intertidal soft shore community survey at every sampling zone*

Dec 2013 Sampling zone TC 2 Mid tidal level (1.5 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
G	*Lunella coronata*	1				8		8				6		6				2				31
G	*Monodonta labio*	36		25		7		3				4										75
G	*Nassarius festivus*							1						1								2
G	*Nassarius* sp.							2												1		3
G	*Nerita polita*			1								1										2
Hc	*Pagurus dubius*											1										1
Ol	Marine oligochaete spp.	2				4																6
P	Maldanidae spp.									4							1					5
P	Oweniidae spp.															1						1
Sp	*Sipunculus nudus*											3										3
																					Total	970

Annex III (Cont'd) *List of recorded fauna of intertidal soft shore community survey at every sampling zone*

Dec 2013 Sampling zone TC 2 Low tidal level (1.0 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
Ba	*Balanus amphitrite*	15				12												3				30
Bi	*Anomalocardia squamosa*												1			1						2
Bi	*Caecella chinensis*										1											1
Bi	*Dosinia japonica*												1									1
Bi	*Meretrix meretrix*	1																				1
Bi	*Saccostrea cucullata*	24		2		13		3										15				57
Bi	*Scapharca cornea*																	1				1
Bi	*Xenostrobus atrata*	2																				2
Ec	*Amphioplus depressus*														1							1
G	*Batillaria multiformis*			1			1									2		1				5
G	*Batillaria zonalis*			8		16	1	6		1				27		19		6	1	3		88
G	*Cellana toreuma*	2																				2
G	*Cerithidea cingulata*		1	1					1		1				1							5
G	*Cerithidea djadjariensis*	3	6	6		3	2	6	3	6	2			8		11	4	9	1	3	1	74
G	*Cerithidea rhizophorarum*															2			1	1		4
G	*Lunella coronata*	1																2				3
G	*Monodonta labio*	1							1													2
G	*Nassarius festivus*									1						1						2
G	*Nassarius hepaticus*																1					1

Annex III (Cont'd) *List of recorded fauna of intertidal soft shore community survey at every sampling zone*

Dec 2013 Sampling zone TC 2 Low tidal level (1.0 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
G	*Nassarius* sp.																	1				1
G	*Pisania ignea*	1				1																2
Ne	Nemertea spp.										1											1
P	Goniadidae spp.																	1				1
P	Maldanidae spp.				4		2		1								2					9
P	Nereididae spp.																				1	1
P	Onuphidae spp.				1		2				1					1	2		1	1	2	11
P	Oweniidae spp.										1											1
																					Total	309

Annex III (Cont'd) *List of recorded fauna of intertidal soft shore community survey at every sampling zone*

Dec 2013 Sampling zone TC 3 High tidal level (2.0 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
Bi	*Dosinia japonica*		1														1					2
Bi	*Laternula anatina*		1																			1
Bi	*Saccostrea cucullata*					16						1						3				20
Bi	*Xenostrobus atrata*					1																1
C	*Nanosesarma minutum*			1																		1
C	*Uca lactea*													3				4				7
C	*Uca* sp.								1												1	2
G	*Batillaria multiformis*	5	3	81	11	74	16	37	11		29	12	1	71				191	5	49		596
G	*Batillaria zonalis*													1								1
G	*Cellana toreuma*					3																3
G	*Cerithidea cingulata*	10	1	12		2		1				21	1	2	1	6	1	6	2	7		73
G	*Cerithidea djadjariensis*	94		53	1	4	5	2	1			50		44	1	17		37	6	45		360
G	*Cerithidea rhizophorarum*	3		3								2				1	1	2		1		13
G	*Clithon faba*																	1				1
G	*Clithon oualaniensis*	1																				1
G	*Nassarius festivus*													1				1				2
Ne	Nemertea spp.																1					1
Ol	Marine oligochaete spp.								1													1
P	Ampharetidae spp.												2									2

Annex III (Cont'd) *List of recorded fauna of intertidal soft shore community survey at every sampling zone*

Dec 2013 Sampling zone TC 3 High tidal level (2.0 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
P	Maldanidae spp.												6				2					8
P	Nereididae spp.																1					1
S	*Penaeus* sp.										1											1
																					Total	1098

Annex III (Cont'd) *List of recorded fauna of intertidal soft shore community survey at every sampling zone*

Dec 2013 Sampling zone TC 3 Mid tidal level (1.5 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
Ba	*Balanus amphitrite*			6				7				1		1								15
Bi	*Anomalocardia squamosa*						1															1
Bi	*Barbatia signata*			3																		3
Bi	*Saccostrea cucullata*			43								19		16						5		83
Bi	*Xenostrobus atrata*			17										2								19
C	*Hemigrapsus penicillatus*			1								2		1								4
C	*Uca lactea*															1		4		2		7
Ec	Sea cucumber spp.													1								1
G	*Batillaria multiformis*	7	6	72	23	3		5			1	43	1	281	13	220	3	197	3	64	6	948
G	*Batillaria zonalis*	3	3	2	1			3	2			5	1									20
G	*Cellana grata*													1								1
G	*Cellana toreuma*			7																		7
G	*Cerithidea cingulata*	68	20		1	7		7	1		1	8		10	6	3	3	1		24	2	162
G	*Cerithidea djadjariensis*	50	3	2	1	68	7	46	2		2	30		8	4	5	5	3		23	4	263
G	*Cerithidea rhizophorarum*					8		1				3		1	1					4		18
G	*Clithon oualaniensis*			1		2														1		4
G	*Littoraria articulata*					1						3										4
G	*Lunella coronata*			4								4		1								9
G	*Monodonta labio*			10								4		10		6		1		2		33

Annex III (Cont'd) *List of recorded fauna of intertidal soft shore community survey at every sampling zone*

Dec 2013 Sampling zone TC 3 Mid tidal level (1.5 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
G	*Nassarius festivus*		1			1						1										3
G	*Nassarius* sp.				4							1										5
G	*Nerita polita*			2								6		1						1		10
Hc	*Pagurus dubius*					1		1				11										13
P	Ampharetidae spp.												1		1							2
P	Maldanidae spp.				1		1		1								1					4
P	Nereididae spp.													1								1
Pl	Platyhelminthes spp.														1							1

Total 1641

Annex III (Cont'd) *List of recorded fauna of intertidal soft shore community survey at every sampling zone*

Dec 2013 Sampling zone TC 3 Low tidal level (1.0 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
Bi	*Barbatia signata*	3		7				1				6		1								18
Bi	*Barbatia virescens*	3		9						5		9										26
Bi	*Geloina erosa*	3																		2		5
Bi	*Saccostrea cucullata*	3		51		51		20		42		65		44		29		36		18		359
Bi	*Xenostrobus atrata*	3		9								15		27		4		17				75
C	*Hemigrapsus penicillatus*	3								3								1				7
C	*Metopograpsus latifrons*	3										2										5
C	*Nanosesarma minutum*	3		1														1				5
Cn	Sea anemone spp.	3												1								4
G	*Batillaria multiformis*	3		32		23		11		100		13		66		232		356		131		967
G	*Batillaria zonalis*	3								1						1						5
G	*Cellana grata*	3														1				2		6
G	*Cellana toreuma*	3		4																		7
G	*Cerithidea cingulata*	3		2				17								1		6		2		31
G	*Cerithidea djadjariensis*	3		1				72								1		3		15		95
G	*Cerithidea rhizophorarum*	3				1		6										4		5		19
G	*Clithon faba*	3																		1		4
G	*Clithon oualaniensis*	3								1								1		3		8
G	*Littoraria articulata*	3								1		3		4		1						12

Annex III (Cont'd) *List of recorded fauna of intertidal soft shore community survey at every sampling zone*

Dec 2013 Sampling zone TC 3 Low tidal level (1.0 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
G	*Lunella coronata*	3		5		4		1		7		12		2		11		8		6		59
G	*Monodonta labio*	3		8		9		6		15		76		49		48		44		17		275
G	*Nassarius festivus*	3				1																4
G	*Nerita polita*	3								3		6		1				1				14
G	*Nipponacmea concinna*	3																				3
G	*Patelloida pygmaea*	3						2		4		3		7		1		2		1		23
G	*Thais luteostoma*	3										4										7
Hc	*Pagurus dubius*	3								1		2										6
P	Nereididae spp.	3																		1		4
P	Polynoidae spp.	3										1										4
Sp	*Sipunculus nudus*	3		3		2		14				4										26

Total 2083

Annex III (Cont'd) *List of recorded fauna of intertidal soft shore community survey at every sampling zone*

Dec 2013 Sampling zone ST High tidal level (2.0 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
Ba	*Balanus amphitrite*													1								1
Bi	*Barbatia signata*									1				1						1		3
Bi	*Barbatia virescens*	1												2		1				3		7
Bi	*Geloina erosa*															1						1
Bi	*Saccostrea cucullata*	6		6		4		11		24		14		19		7		10		15		116
Bi	*Xenostrobus atrata*							1		4		1						1				7
C	*Hemigrapsus penicillatus*							1				3						1		1		6
C	*Nanosesarma minutum*															1		1				2
Cn	Sea anemone spp.	1						4		1		2								1		9
G	*Batillaria bornii*	1		1						1				1						4		8
G	*Batillaria multiformis*	56		141		91		357		189		80		92		66		142		91		1305
G	*Batillaria zonalis*			2																		2
G	*Cellana grata*											5		1		3		1		2		12
G	*Cerithidea cingulata*	1						1				1				2				1		6
G	*Cerithidea djadjariensis*	2		3		1						1		1		2		1		2		13
G	*Cerithidea rhizophorarum*							1								1				1		3
G	*Clithon faba*			1		2				2										1		6
G	*Clithon oualaniensis*	1		1		1		2				1		2		3				6		17
G	*Dentalium sinuosum*							1														1

Annex III (Cont'd) *List of recorded fauna of intertidal soft shore community survey at every sampling zone*

Dec 2013 Sampling zone ST High tidal level (2.0 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
G	*Littoraria articulata*	1								1												2
G	*Lunella coronata*	1		3		4		2		5		1		4		4		4		11		39
G	*Monodonta labio*	4		5		18		8		26		20		30		31		25		17		184
G	*Nerita polita*	1								3		2		2		2		3		1		14
G	*Patelloida pygmaea*			1				1				1		2		1		1		3		10
G	*Planaxis sulcatus*	1								1												2

Total 1776

Annex III (Cont'd) *List of recorded fauna of intertidal soft shore community survey at every sampling zone*

Dec 2013 Sampling zone ST Mid tidal level (1.5 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
Ba	*Balanus amphitrite*																	2				2
Bi	*Barbatia signata*	1										7						4		1		13
Bi	*Barbatia virescens*	2										1		8		1		1		7		20
Bi	*Dosinia japonica*				1																	1
Bi	*Ruditapes philippinarum*											1										1
Bi	*Saccostrea cucullata*	74		22		46		9				55		39		34		38		41		358
Bi	*Xenostrobus atrata*	10				3						1		1								15
C	*Charybdis affinis*											1						1				2
C	*Hemigrapsus penicillatus*	1														1				1		3
C	*Nanosesarma minutum*													1								1
Cn	Sea anemone spp.													1								1
Ec	Sea cucumber spp.				1																	1
G	*Batillaria bornii*				1	1		2				4		8		4		3				23
G	*Batillaria multiformis*	54		5	1	4		2		6		7		9		10		7		30		135
G	*Batillaria zonalis*			1		3		3		9	1											17
G	*Cellana grata*													3		4		2		4		13
G	*Cerithidea cingulata*	1								1												2
G	*Cerithidea djadjariensis*	2		2		6		21		7				4		3		1				46
G	*Cerithidea rhizophorarum*							3		2	1											6

Annex III (Cont'd) *List of recorded fauna of intertidal soft shore community survey at every sampling zone*

Dec 2013 Sampling zone ST Mid tidal level (1.5 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
G	*Clithon oualaniensis*											1										1
G	*Dentalium sinuosum*										1											1
G	*Euchelus scaber*					1						3				2		6		1		13
G	*Lepidozona* sp.															1		1				2
G	*Lunella coronata*	3		4		10		5		2		7		15		17		28		8		99
G	*Monodonta labio*	15		6		1						17		19		23		17		17		115
G	*Nassarius festivus*	1								1		1		1		2		3		1		10
G	*Nassarius* sp.	11						1														12
G	*Nerita polita*			2		1						2		2		1		8				16
G	*Patelloida pygmaea*																			3		3
G	*Thais luteostoma*	2														1				2		5
Hc	*Clibanarius* sp.															1						1
Hc	*Pagurus dubius*					1								1								2
P	Glyceridae spp.					1																1
P	Maldanidae spp.										1											1
P	Onuphidae spp.				1						3											4
Sp	*Sipunculus nudus*					1																1

Total 947

Annex III (Cont'd) *List of recorded fauna of intertidal soft shore community survey at every sampling zone*

Dec 2013 Sampling zone ST Low tidal level (1.0 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
Ba	*Balanus amphitrite*					2																2
Bi	*Barbatia signata*	1												1		1		1				4
Bi	*Barbatia virescens*	5		3																		8
Bi	*Dosinia japonica*		1								3						1					5
Bi	*Geloina erosa*	1																				1
Bi	*Ruditapes philippinarum*	1												1								2
Bi	*Saccostrea cucullata*	25		22		2								3		4		3				59
Bi	*Xenostrobus atrata*			2																		2
G	*Batillaria bornii*	6																				6
G	*Batillaria multiformis*					1		3		3										3		10
G	*Batillaria zonalis*	7	1				2	17		32	2	3		1	11					3		79
G	*Cellana toreuma*			1																		1
G	*Cerithidea cingulata*										1	1								1		3
G	*Cerithidea djadjariensis*	2	4	2			1			1	1	1		3	2			1		1		19
G	*Cerithidea rhizophorarum*						1	1														2
G	*Euchelus scaber*	4	7			2										2						15
G	*Lepidozona* sp.			2																		2
G	*Lunella coronata*	1		14				1						3		2						21
G	*Monodonta labio*			6				1								1		1				9

Annex III (Cont'd) *List of recorded fauna of intertidal soft shore community survey at every sampling zone*

Dec 2013 Sampling zone ST Low tidal level (1.0 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
G	*Nassarius festivus*									1				1					1			3
G	*Nerita polita*	1																				1
G	*Patelloida pygmaea*	1		3																		4
P	Glyceridae spp.											1										1
P	Maldanidae spp.																				1	1
P	Onuphidae spp.						1				3	1	1									6
S	*Alpheus* sp.	1																				1
Sp	*Sipunculus nudus*															1						1
																				Total		268

Faunal group (Gp) label

Ba: Barnacle; Bi: Bivalve; C: Crab; Cn: Cnidarin; Ec: Echinoderm; G: Gastropod; Hc: Hermit crab; Ne: Nemertean; Ol: Oligochaete; P: Polychaete; Pl: Platyhelminthes; S: Shrimp & Prawns; Sp: Sipuculan

APPENDIX J

Waste Flow Table

MONTHLY SUMMARY WASTE FLOW TABLE

Name of Department: HyD

Particular Specification

HKZMB Section Between HKLR and HKBCF

Contract No.: HY/2011/03

Monthly Summary Waste Flow Table for 2013

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	8.472	0.000	8.472	0.000	0.000	11.120	0.000	0.000	0.000	0.000	0.293
Feb	8.644	0.000	8.644	0.000	0.000	8.501	0.000	0.000	0.000	0.000	0.091
Mar	6.826	0.000	6.826	0.000	0.000	1.548	0.000	0.243	0.000	0.000	0.117
Apr	6.822	0.000	6.822	0.000	0.000	0.059	0.000	0.000	0.000	0.000	0.059
May	8.588	0.000	8.584	0.000	0.004	0.000	0.000	0.000	0.000	0.000	0.098
Jun	7.073	0.000	7.073	0.000	0.000	7.977	0.000	0.000	0.000	0.508	0.182
Sub-total	46.423	0.000	46.420	0.000	0.004	29.204	0.000	0.243	0.000	0.508	0.839
Jul	11.495	0.000	11.495	0.000	0.000	14.006	0.000	0.000	0.000	0.000	0.143
Aug	4.963	0.000	4.963	0.000	0.000	9.268	0.000	0.000	0.000	1.600	0.338
Sep	10.574	0.000	10.574	0.000	0.000	57.331	0.000	0.000	0.000	0.000	0.319
Oct	10.820	0.000	10.820	0.000	0.000	116.284	0.000	0.000	0.000	0.000	0.176
Nov	8.223	0.000	8.223	0.000	0.000	162.132	0.000	0.000	0.000	0.000	0.182
Dec	7.716	0.000	7.716	0.000	0.000	201.482	0.000	0.000	0.000	0.000	0.195
Sub- total	53.790	0.000	53.790	0.000	0.000	560.503	0.000	0.000	0.000	1.600	1.352
Total	100.213	0.000	100.209	0.000	0.004	589.707	0.000	0.243	0.000	2.108	2.191

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 K

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-12	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-12	-	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-12	-	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-12	-	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-12	-	<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-12	-	<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	-

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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-2012-010(3)	15-Nov-12	-	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-12	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-12	13:42 hrs. 13:49 hrs	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???"*	WA6			
	25-Nov-12	22:02 hrs. 22:08 hrs.	EPD (cc to HyD)		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.	Portion X			
COM-2012-012(1)	13-Nov-12	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-13	-	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	

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Complaint Register

Complaint No.	Received Date	Received Time	Source	Category	Complaint Details	Location	Improvement Measures Taken	Status	Remarks
COM-2013-016	18-Jan-13	-	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-13	-	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-13	-	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-13	-	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-13 24-Mar-13	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-13 1-Apr-13	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-13	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
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Complaint Register

Complaint No.	Received Date	Received Time	Source	Category	Complaint Details	Location	Improvement Measures Taken	Status	Remarks
COM-2013-018 (11)	28-Apr-13	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-13	--	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-13	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 also like to know	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-13	--	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-13	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-13	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-13	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-13	--	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	-

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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-13	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-13	--	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-13	--	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	-	Under investigation	

APPENDIX L

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	19.06.2013	Kwo Lo Wan (Leo's Team)	Pile pilling	CNP issued on 03.07.2013	GW-RS0731-13	14.07.2013 1900	03.12.2013 2300
2	19.06.2013	Kwo Lo Wan (Leo's Team)	Pile pilling	CNP issued on 12.07.2013	GW-RS0733-13	14.07.2013 2300	03.12.2013 0700
3	08.07.2013	Airport Road (CY Team)	Pile pilling	CNP issued on 25.07.2013	GW-RS0834-13	04.08.2013 19:00	03.02.2014 2300
4	08.07.2013	Airport Road (CY Team)	Lighting / Wastewater treatment	CNP issued on 25.07.2013	GW-RS0836-13	13.08.2013 23:00	12.02.2014 0700
5	30.09.2013	WA3	Stockpiling/ wastewater treatment	CNP issued on 13 Sept 2013	GW-RS1012-13	28.09.2013 1900	27.03.2014 0700
6	13.09.2013	West Portal (Terry's Team)	Canopy/ grouting works	CNP issued on 27.09.2013	GW-RS1076	27.09.2013 1900	26.03.2014 0700
7	27.09.2013	Portion X	Marine Works	CNP issued on 15.10.2013	GW-RS1144-13	15.10.2013 2300	11.04.2014 0700
8	05.10.2013	Portion X	Marine Works	CNP issued on 22.010.2013	GW-RS1170-13	22.10.2013 1900	18.04.2014 2300

Item No.	Date Application Submitted	Works Area Applied	Description	Status	CNP No.	Validity of CNP	
						From	To
9	21.10.2013	Kwo Lo Wan	Trial for Jet grouting	CNP issued on 04.11.2013	GW-RS1214-13	19.11.2013 0000	18.01.2014 0700
10	30.10.2013	Kwo Lo Wan	Pile pilling	CNP issued on 07.11.2013	GW-RS1253-13	04.12.2013 0000	03.06.2014 2400
11	04.11.2013	Kwo Lo Wan	Pile pilling	CNP issued on 15.11.2013	GW-RS1303-13	04.12.2013 1900	03.06.2014 2300
12	05.11.2013	N13	Billboard construction works	CNP issued on 11.11.2013	GW-RS1268-13	21.11.2013 0000	17.02.2014 0700
13	08.11.2013	Tung Fai Road	Water Pipes installation	CNP issued on 15.11.2013	GW-RS1308-13	25.11.2013 2100	24.05.2014 0700
14	12.11.2013	WA4	Loading/ Unloading of stockpiles	CNP issued on 26.11.2013	GW-RW0842-13	04.12.2013 1900	03.06.2014 2300
15	18.11.2013	Portion X	Stone Column works during runway closure	CNP issued on 04.12 2013	GW-RS1351-13	05.12.2013 0130	04.02.2014 0700
16	21.11.2013	S14	Grouting works	CNP issued on 05.12.2013	GW-RS1411-13	06.12.2013 1900	05.06.2014 2300
17	21.11.2013	N13	Billboard construction works	CNP issued on 04.12.2013	GW-RS1401-13	06.12.2013 0000	17.02.2014
18	16.12.2013	S15	Pumping test	CNP issued on 30.12.2013	GW-RS1464-13	31.12.2013 2300	31.01.2014 0700
19	19.12.2013	West Portal (Terry's Team)	Canopy/ grouting works	CNP issued on 02.01.2013	GW-RS1504-13	03.01.2014 1900	02.07.2014 2400
20	19.12.2013	KLW	Jet Grouting Trial	CNP issued on 02.01.2013	GW-RS1487-13	19.01.2014 0000	30.03.2014 0700

APPENDIX M

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 N

Record of "Notification of Environmental Quality Limit Exceedances"

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.: 159

Date of Notification: 23 December 2013

Works Inspected: Data collected from water sampling works on 6 December 2013 and the test report was issued on 13 December 2013.

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)
SS	IS(Mf)6	DA	**23.5** and 120% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 10.32 x 120% = **12.4** mg/L for mid ebb) AND CS(Mf)5: 13.82 x 120% = **16.6** mg/L for mid flood)	**34.4** and 130% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 10.32 x 130% = **13.4** mg/L for mid ebb) AND CS(Mf)5: 13.82 x 130% = **18.0** mg/L for mid flood)	12.1	***26.5***
SS	SR10A	DA			8.2	***<u>34.9</u>***
SS	SR10B	DA			7.7	***24.9***

Notes:
DA means depth average.
Bold Italic means AL exceedances.
<u>Bold Italic with underline</u> means LL exceedances.

Possible reason for Action or Limit Level Non-compliance:

On 6 December 2013, AL exceedances at stations IS(Mf)6 and SR10B and a LL exceedance at station SR10A were recorded during mid-flood tide.

The exceedances have been investigated and are considered unlikely to be related to contract works due to the following reasons:

1. Sand filling and stone column installation at Zone 1, stone column installation at Zone 2, sand filling and removal of stone platform at Zone 3A were carried within silt curtain as recommended in the EIA Report.
2. The ranges of suspended solid at stations IS(Mf)6, SR10A and SR10B during the baseline monitoring are shown as below:

Station	Range of Suspended Solid (mg/L) Mid- Ebb Tide			Range of Suspended Solid (mg/L) Mid- Flood Tide		
IS(Mf)6	7.1	to	19	8.5	to	35
SR10A	3.6	to	17	4.8	to	19.2
SR10B	3.1	to	30.8	5.7	to	26.7

The measured value at station IS(Mf)6 and SR10B was within the range of suspended solid during baseline monitoring for mid-flood tide while the measured value at station SR10A was above the range of suspended solid during baseline monitoring for mid-flood tide. However, there were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.

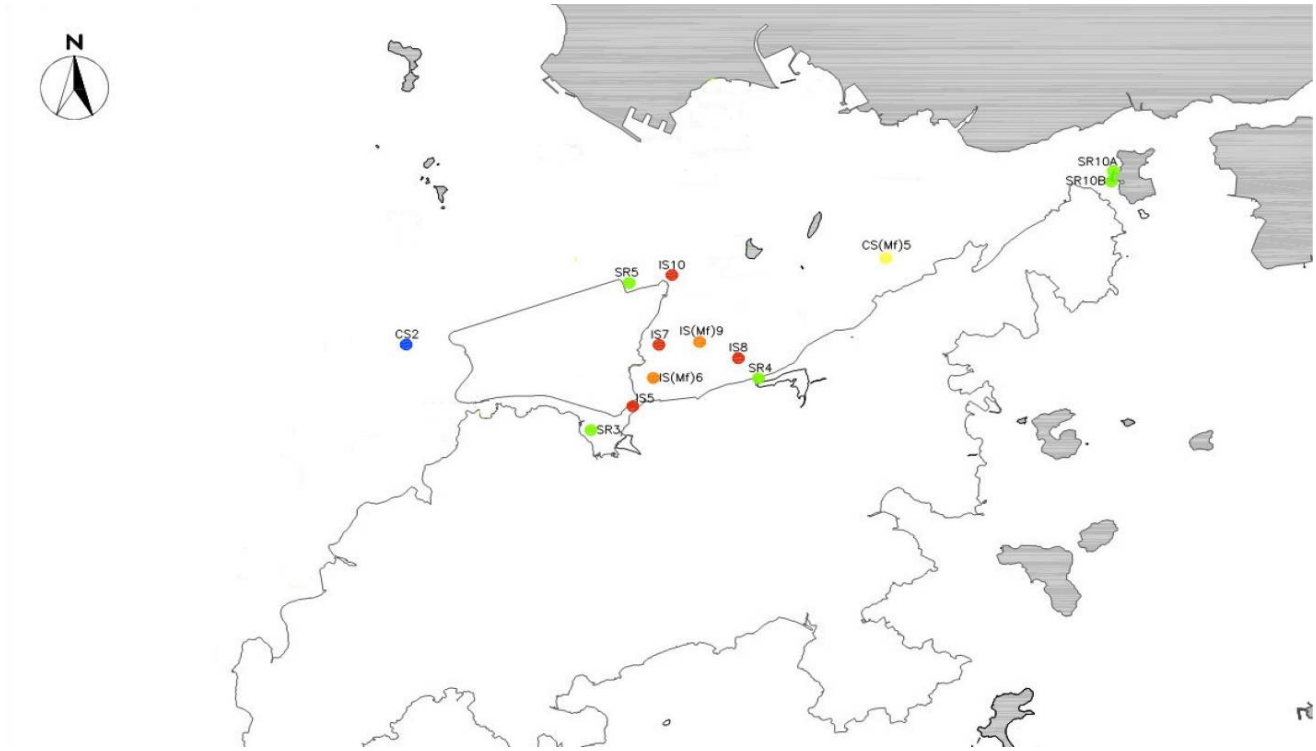
3. No leakage of turbid water or any abnormity or malpractice was observed during the sampling exercise.

As such, the suspended solid levels are considered to be attributed to other external factors, rather than the contract works.

Actions taken/ to be taken:

As the suspended solid levels recorded beyond the water quality criteria were not related to contract works, no immediate actions are considered necessary.

Location Plan:



Reviewed by : Claudine Lee Title : ET Leader

Date : 23 December 2013

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

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.: 160

Date of Notification: 6 January 2014

Works Inspected: 24-hr TSP monitoring was undertaken on 11 December 2013 and the test report was issued on 19 December 2013

Monitoring Location: AMS6 – Dragon Air Building

Parameter: 24-hour TSP monitoring

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

PARAMETER	STATION	AL (µg/m^3)	LL (µg/m^3)	MEASURED LEVEL, µg/m^3
24-hr TSP (8:00 – 8:00 hours)	Dragon Air Building (AMS6)	173	260	***224***

Notes: ***Bold Italic*** means AL exceedance
Bold Italic with underline means LL exceedance

Possible reason for Action or Limit Level Non-compliance:

An Action Level exceedance of 24-hr TSP level was recorded at AMS6, Dragon Air Building, on 11 December 2013.

According to the information provided by the Contractor, the following construction activities were undertaken during the sampling period:

Zone 1

- Sand filling
- Aggregate filling for temporary stone platform
- Transfer of fill material
- Stone column works
- Installation of geotextile tubes

Zone 2

- Sand filling
- Stone column works

Zone 3A
- Sand filling
- Public fill filling
- Removal of temporary stone platform
- Transfer of fill material
- Band drain installation

The general weather conditions at Tung Chung were foggy and haze during the dust sampling period. The API recorded by EPD at the Tung Chung station during the sampling time ranged from 71 to 75 which was considered high. Therefore, it is considered that the exceedance was not related to the construction activities of the Contract and was caused by poor weather condition.

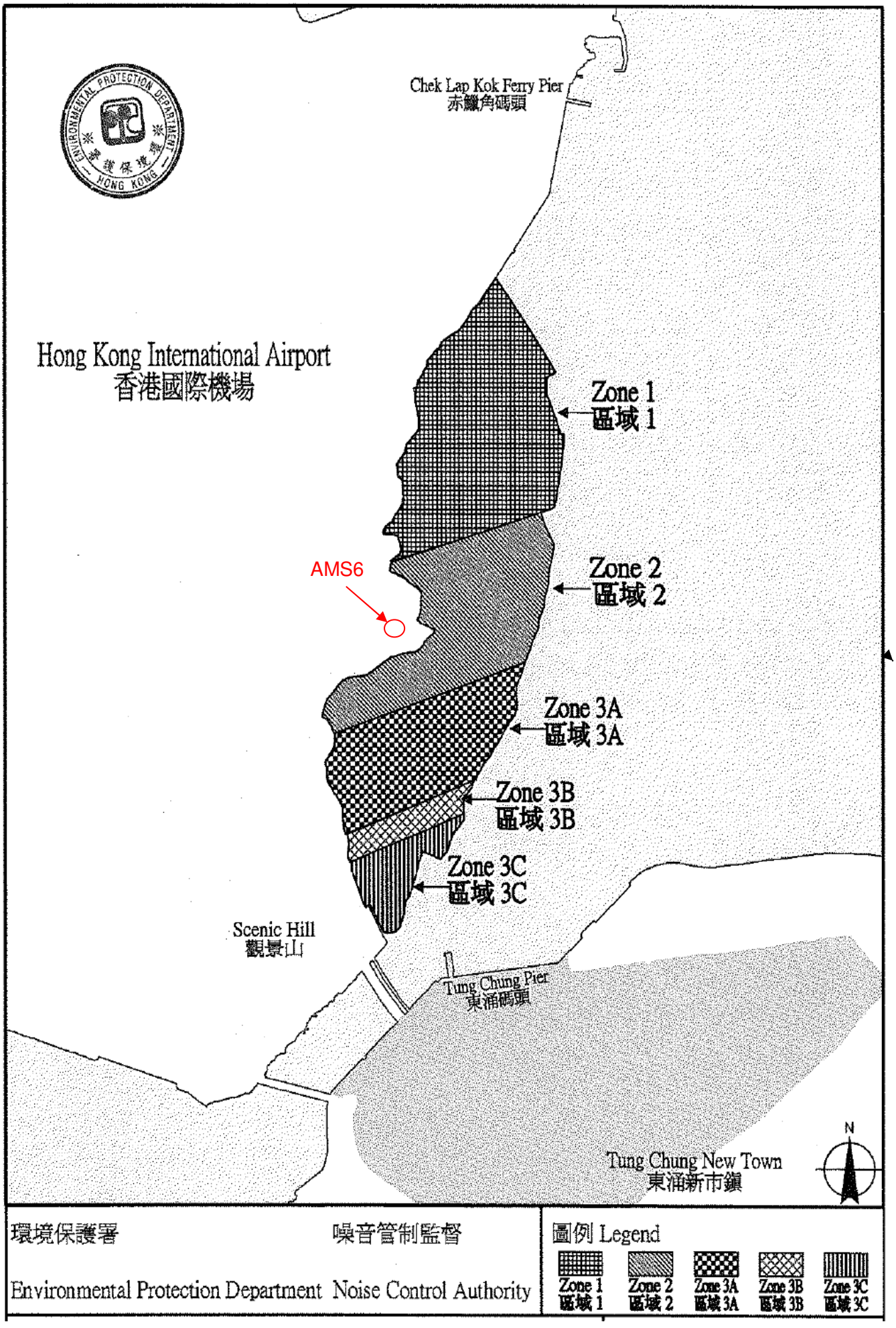
Actions taken/ to be taken:

As the 24-hr TSP exceedance was not related to project works, no immediate actions are considered necessary. However, the Contractor is reminded to suppress potential dust generation during the construction works.

Reviewed by : Claudine Lee Title : ET Leader

Date : 6 January 2014

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


Chek Lap Kok Ferry Pier
赤鱲角碼頭
Hong Kong International Airport
香港國際機場
Zone 1
區域 1
AMS6
Zone 2
區域 2
Zone 3A
區域 3A
Zone 3B
區域 3B
Zone 3C
區域 3C
Scenic Hill
觀景山
Tung Chung Pier
東涌碼頭
Tung Chung New Town
東涌新市鎮
N
環境保護署
Environmental Protection Department
噪音管制監督
Noise Control Authority
圖例 Legend
Zone 1 區域 1
Zone 2 區域 2
Zone 3A 區域 3A
Zone 3B 區域 3B
Zone 3C 區域 3C

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.: 161

Date of Notification: 6 January 2014

Works Inspected: Data collected from water sampling works on 16 December 2013 and the test report was issued on 23 December 2013.

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)
SS	IS10	DA	**23.5** and 120% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 14.32 x 120% = **17.2** mg/L for mid ebb) AND CS(Mf)5: 11.58 x 120% = **13.9** mg/L for mid flood)	**34.4** and 130% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 14.32 x 130% =**18.6** mg/L for mid ebb) AND CS(Mf)5: 11.58 x 130% = **15.1** mg/L for mid flood)	14.0	***24.6***

Notes:
DA means depth average.
Bold Italic means AL exceedances.
Bold Italic with underline means LL exceedances.

Possible reason for Action or Limit Level Non-compliance:

On 16 December 2013, an AL exceedance at station IS10 was recorded during mid-flood tide.

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

1. Sand filling, aggregate filling for temporary stone platform, transfer of fill material, stone column works and installation of geotextile tubes at Zone 1, sand filling and stone column works at Zone 2, sand filling, public fill filling, transfer of fill material and band drain installation at Zone 3A, transfer of fill material at Zone 3C were carried within silt curtain as recommended in the EIA Report.
2. The ranges of suspended solid at stations IS10 during the baseline monitoring are shown as below:

Station	Range of Suspended Solid (mg/L) Mid- Ebb Tide			Range of Suspended Solid (mg/L) Mid- Flood Tide		
IS10	6.1	to	20.2	7.2	to	16

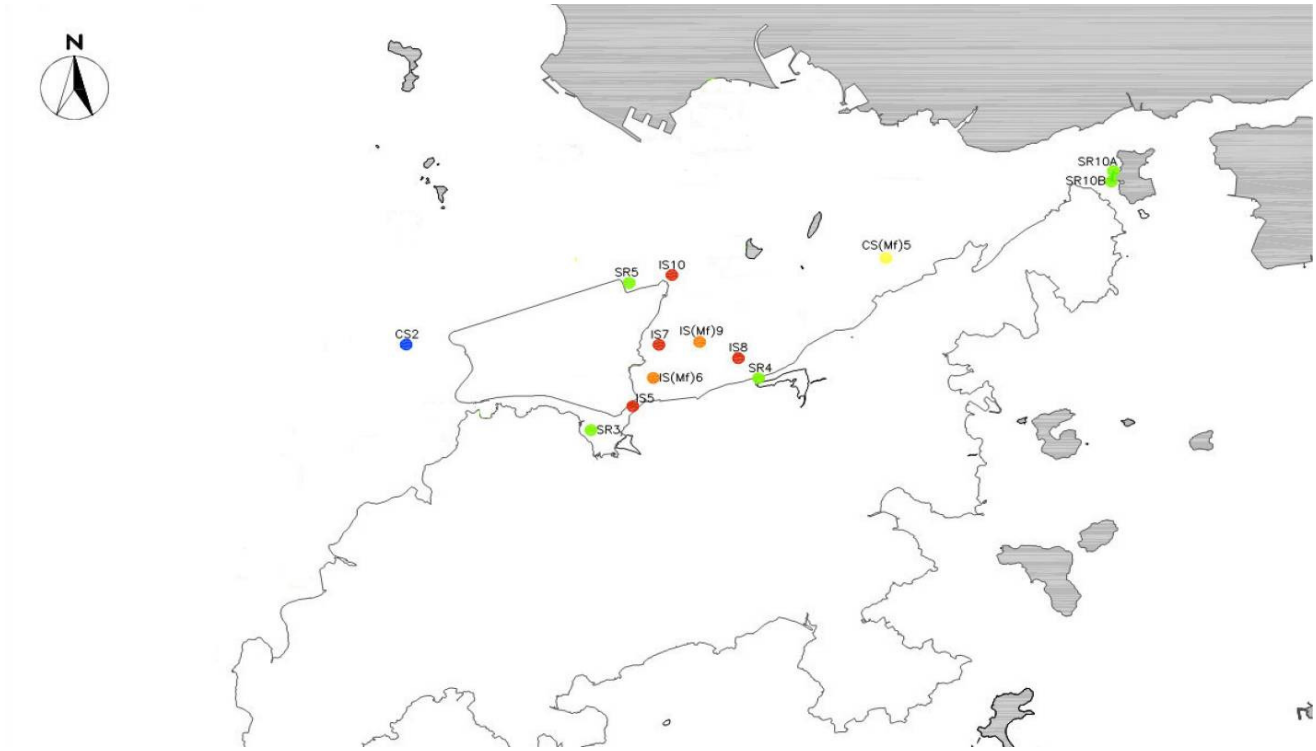
   The measured value at station IS10 was above the range of suspended solid during baseline monitoring for mid-flood tide. However, there were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.
3. No leakage of turbid water or any abnormity or malpractice was observed during the sampling exercise.

As such, the suspended solid level is considered to be attributed to other external factors, rather than the contract works.

Actions taken/ to be taken:

As the suspended solid 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 January 2014

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

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.: 162

Date of Notification: 6 January 2014

Works Inspected: Data collected from water sampling works on 18 December 2013 and the test report was issued on 27 December 2013.

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)
SS	IS(Mf)9	DA	**23.5** and 120% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 14.98 x 120% = **18.0** mg/L for mid ebb) AND CS(Mf)5: 10.85 x 120% = **13.0** mg/L for mid flood)	**34.4** and 130% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 14.98 x 130% =**19.5** mg/L for mid ebb) AND CS(Mf)5: 10.85 x 130% = **14.1** mg/L for mid flood)	11.9	***25.7***

Notes:
DA means depth average.
Bold Italic means AL exceedances.
Bold Italic with underline means LL exceedances.

Possible reason for Action or Limit Level Non-compliance:

On 18 December 2013, an AL exceedance at station IS(Mf)9 was recorded during mid-flood tide.

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

1. Sand filling, aggregate filling for temporary stone platform, transfer of fill material, stone column works and installation of geotextile tubes at Zone 1, sand filling, removal of temporary stone platform and stone column works at Zone 2, sand filling, transfer of fill material, removal of temporary stone platform and band drain installation at Zone 3A, transfer of fill material at Zone 3C were carried within silt curtain as recommended in the EIA Report.
2. The ranges of suspended solid at stations IS(Mf)9 during the baseline monitoring are shown as below:

Station	Range of Suspended Solid (mg/L) Mid- Ebb Tide			Range of Suspended Solid (mg/L) Mid- Flood Tide		
IS(Mf)9	5.5	to	20.1	7.3	to	26

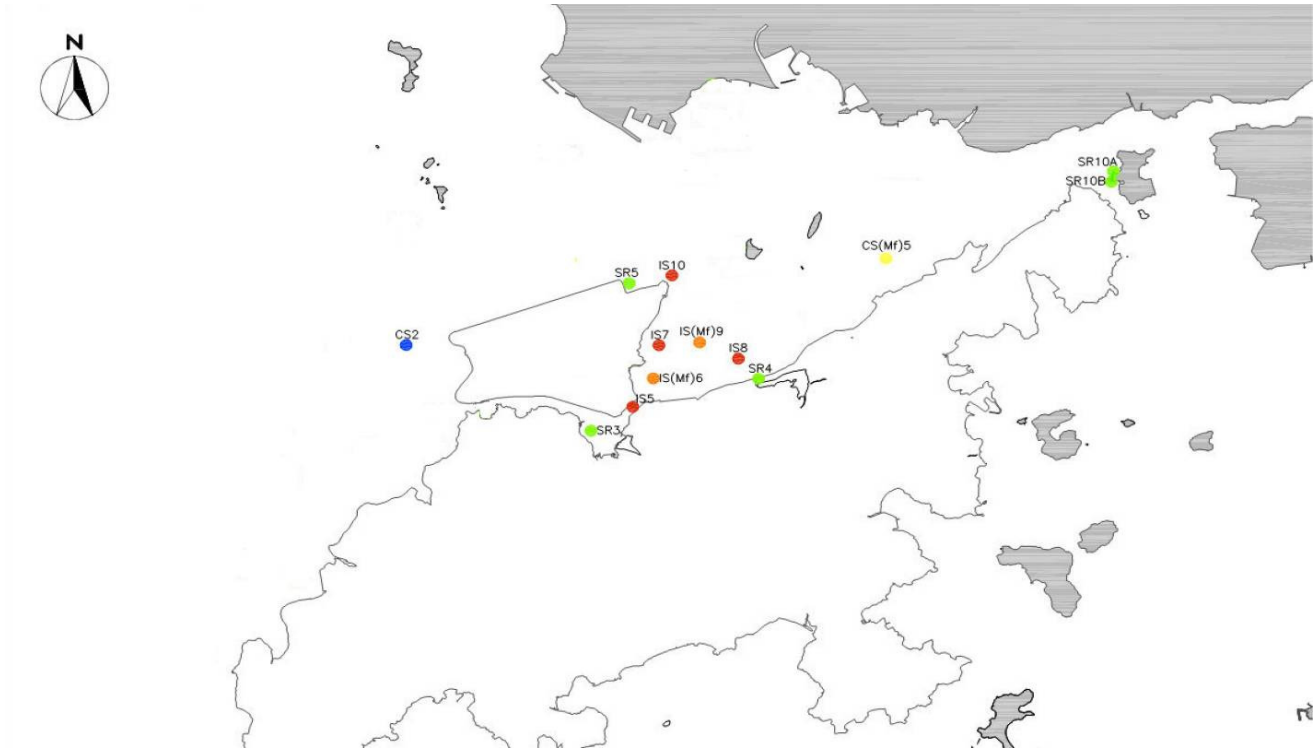
   The measured value at station IS(Mf)9 was within the range of suspended solid during baseline monitoring for mid-flood tide.
3. There were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results
4. No leakage of turbid water or any abnormity or malpractice was observed during the sampling exercise.

As such, the suspended solid level is considered to be attributed to other external factors, rather than the contract works.

Actions taken/ to be taken:

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

Location Plan:



Reviewed by : Claudine Lee Title : ET Leader

Date : 6 January 2014

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

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.: 163

Date of Notification: 6 January 2014

Works Inspected: Data collected from water sampling works on 20 December 2013 and the test report was issued on 31 December 2013.

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)
SS	IS7	DA	**23.5** and 120% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 6.12 x 120% = **7.3** mg/L for mid ebb) AND CS(Mf)5: 7.78x 120% = **9.3** mg/L for mid flood)	**34.4** and 130% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 6.12 x 130% =**8.0** mg/L for mid ebb) AND CS(Mf)5: 7.78 x 130% = **10.1** mg/L for mid flood)	14.4	***23.6***
SS	IS8	DA			9.1	***33.3***

Notes:
DA means depth average.
Bold Italic means AL exceedances.
Bold Italic with underline means LL exceedances.

Possible reason for Action or Limit Level Non-compliance:

On 20 December 2013, AL exceedances at stations IS7 and IS8 were recorded during mid-flood tide.

The exceedances have been investigated and are considered unlikely to be related to contract works due to the following reasons:

1. Sand filling, aggregate filling for temporary stone platform, transfer of fill material, stone column works and installation of geotextile tubes at Zone 1, sand filling, removal of temporary stone platform and stone column works at Zone 2, sand filling, transfer of fill material, removal of temporary stone platform and band drain installation at Zone 3A, transfer of fill material at Zone 3C were carried within silt curtain as recommended in the EIA Report.
2. The ranges of suspended solid at stations IS7 and IS8 during the baseline monitoring are shown as below:

Station	Range of Suspended Solid (mg/L) Mid- Ebb Tide			Range of Suspended Solid (mg/L) Mid- Flood Tide		
IS7	6.1	to	21	7.8	to	34
IS8	5.5	to	25.5	5.8	to	31.3

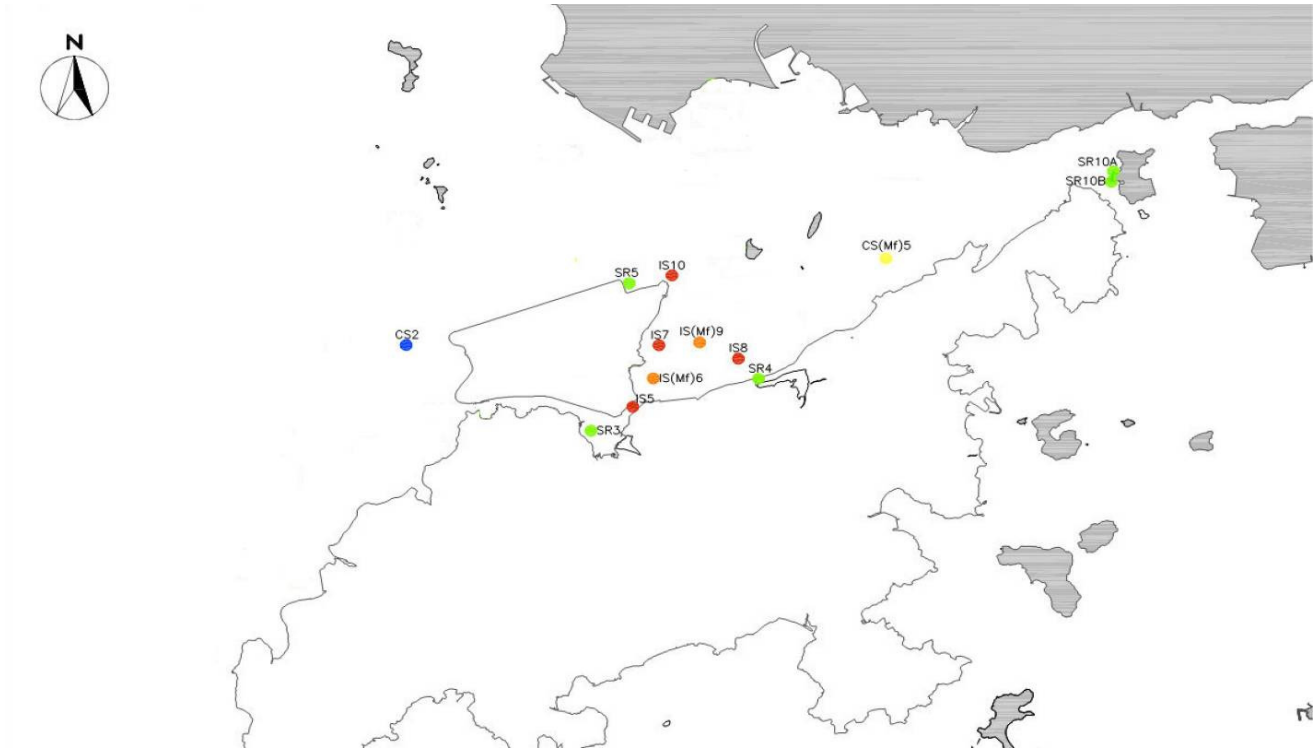
   The measured value at station IS7 was within the range of suspended solid during baseline monitoring for mid-flood tide while the measured value at station IS8 was above the range of suspended solid during baseline monitoring for mid-flood tide. However, there were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results
3. No leakage of turbid water or any abnormity or malpractice was observed during the sampling exercise.

As such, the suspended solid levels are considered to be attributed to other external factors, rather than the contract works.

Actions taken/ to be taken:

As the suspended solid levels recorded beyond the water quality criteria were not related to contract works, no immediate actions are considered necessary.

Location Plan:



Reviewed by : Claudine Lee Title : ET Leader

Date : 6 January 2014

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

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.: 164

Date of Notification: 9 January 2014

Works Inspected: Data collected from water sampling works on 27 December 2013 and the test report was issued on 6 January 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)
SS	IS(Mf)6	DA	**23.5** and 120% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 15.67 x 120% = **18.8** mg/L for mid ebb) AND CS(Mf)5: 13.03 x 120% = **15.6** mg/L for mid flood)	**34.4** and 130% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 15.67 x 130% =**20.4** mg/L for mid ebb) AND CS(Mf)5: 13.03 x 130% = **16.9** mg/L for mid flood)	***27.1***	20.4

Notes:
DA means depth average.
Bold Italic means AL exceedances.
Bold Italic with underline means LL exceedances.

Possible reason for Action or Limit Level Non-compliance:

On 27 December 2013, an AL exceedance at station IS(Mf)6 was recorded during mid-ebb tide.

The exceedances have been investigated and are considered unlikely to be related to contract works due to the following reasons:

1. Sand filling, rock filling and installation of stone column at Zone 1 and Zone 2, sand filling, public fill filling, transfer sand and public fill, removal of temporary stone platform at Zone 3A, transfer of fill material at Zone 3C were carried within silt curtain as recommended in the EIA Report.
2. The ranges of suspended solid at stations IS(Mf)6 during the baseline monitoring are shown as below:

Station	Range of Suspended Solid (mg/L) Mid- Ebb Tide			Range of Suspended Solid (mg/L) Mid- Flood Tide		
IS(Mf)6	7.1	to	19	8.5	to	35

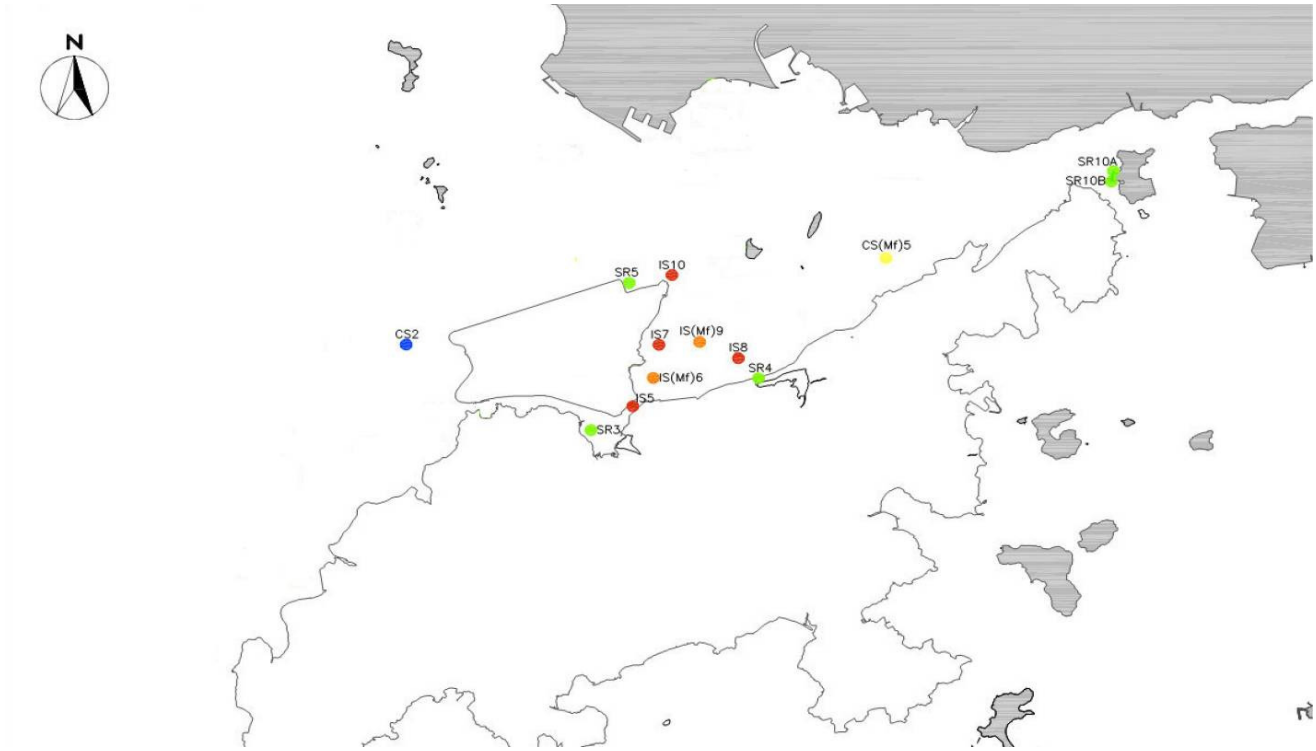
3. The measured value at station IS(Mf)6 was above the range of suspended solid during baseline monitoring for mid-ebb tide. However, there were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results
4. No leakage of turbid water or any abnormity or malpractice was observed during the sampling exercise.

As such, the suspended solid levels are considered to be attributed to other external factors, rather than the contract works.

Actions taken/ to be taken:

As the suspended solid levels recorded beyond the water quality criteria were not related to contract works, no immediate actions are considered necessary.

Location Plan:



Reviewed by : Claudine Lee Title : ET Leader

Date : 9 January 2014

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

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.: 165

Date of Notification: 9 January 2014

Works Inspected: 24-hr TSP monitoring was undertaken on 23 December 2013 and the test report was issued on 3 January 2014

Monitoring Location: AMS6 – Dragon Air Building

Parameter: 24-hour TSP monitoring

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

PARAMETER	STATION	AL (µg/m^3)	LL (µg/m^3)	MEASURED LEVEL, µg/m^3
24-hr TSP (8:00 – 8:00 hours)	Dragon Air Building (AMS6)	173	260	***229***

Notes: ***Bold Italic*** means AL exceedance
Bold Italic with underline means LL exceedance

Possible reason for Action or Limit Level Non-compliance:

An Action Level exceedance of 24-hr TSP level was recorded at AMS6, Dragon Air Building, on 23 December 2013.

According to the information provided by the Contractor, the following construction activities were undertaken during the sampling period:

Zone 1

- Sand filling
- Rock filling
- Transfer of fill material
- Installation of stone column

Zone 2

- Sand filling
- Sand pumping
- Transfer of sand
- Rock filling
- Installation of stone column

Zone 3A
- Sand filling
- Public fill filling
- Transfer of sand and public fill
- Removal of temporary stone platform

Zone 3C
- Transfer of fill material

Mitigation measures such as provision of water spraying on stockpiles and dry areas were implemented. As such, the construction activities were unlikely to generate significant dust impacts on the sampling location.

The general weather conditions at Tung Chung were foggy and haze during the dust sampling period. The API recorded by EPD at the Tung Chung station during the sampling time ranged from 63 to 72 which was considered high. Therefore, it is considered that the exceedance was not related to the construction activities of the Contract and was caused by poor weather condition.

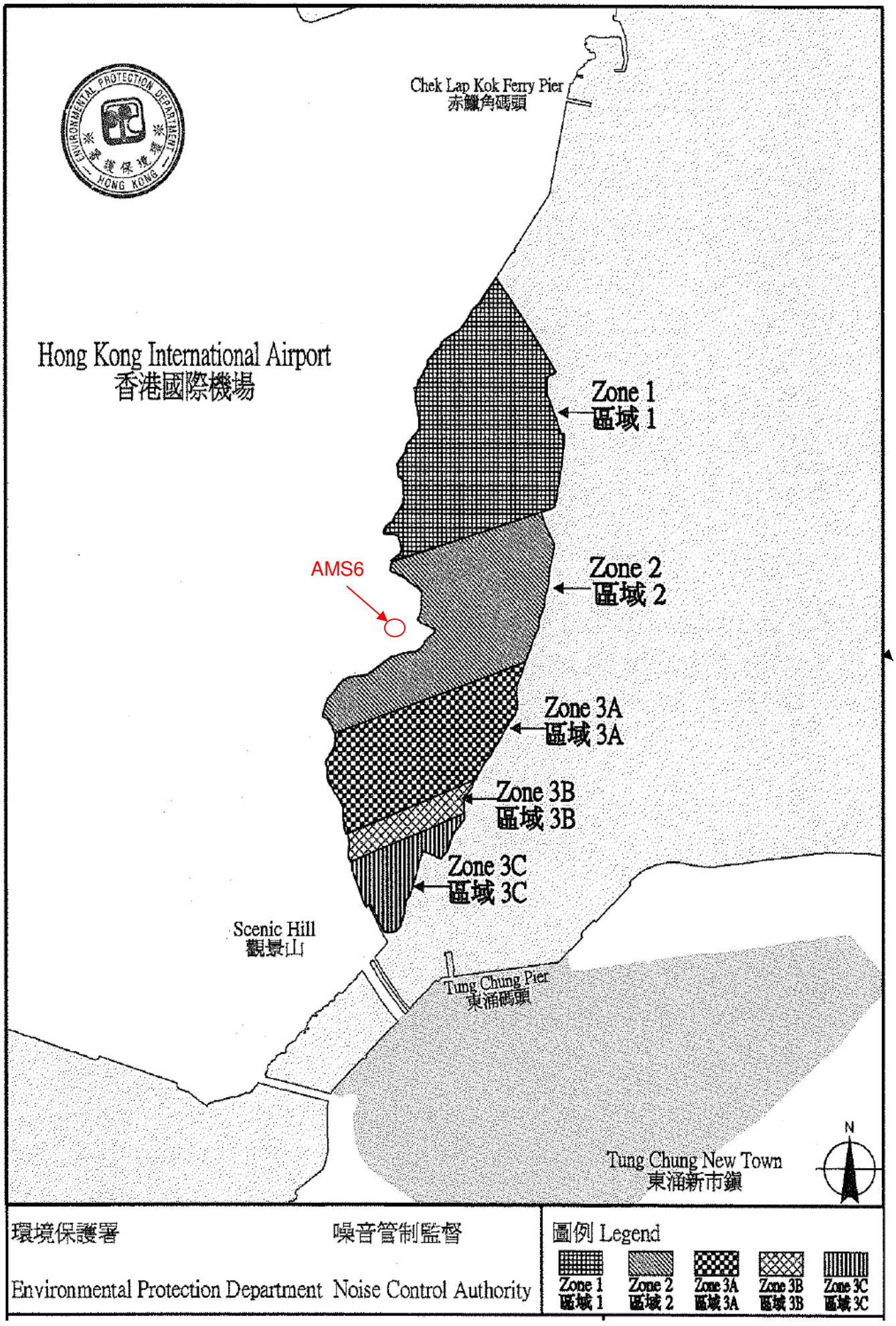
Actions taken/ to be taken:

As the 24-hr TSP exceedance was not related to project works, no immediate actions are considered necessary. However, the Contractor is reminded to suppress potential dust generation during the construction works.

Reviewed by : Claudine Lee Title : ET Leader

Date : 9 January 2014

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


Chek Lap Kok Ferry Pier
赤鱲角碼頭
Hong Kong International Airport
香港國際機場
Zone 1
區域 1
AMS6
Zone 2
區域 2
Zone 3A
區域 3A
Zone 3B
區域 3B
Zone 3C
區域 3C
Scenic Hill
觀景山
Tung Chung Pier
東涌碼頭
Tung Chung New Town
東涌新市鎮
N
環境保護署
Environmental Protection Department
噪音管制監督
Noise Control Authority
圖例 Legend
Zone 1 區域 1
Zone 2 區域 2
Zone 3A 區域 3A
Zone 3B 區域 3B
Zone 3C 區域 3C

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.: 166

Date of Notification: 9 January 2014

Works Inspected: 24-hr TSP monitoring was undertaken on 27 December 2013 and the test report was issued on 6 January 2014

Monitoring Location: AMS6 – Dragon Air Building

Parameter: 24-hour TSP monitoring

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

PARAMETER	STATION	AL (µg/m^3)	LL (µg/m^3)	MEASURED LEVEL, µg/m^3
24-hr TSP (8:00 – 8:00 hours)	Dragon Air Building (AMS6)	173	260	***262***

Notes: ***Bold Italic*** means AL exceedance
Bold Italic with underline means LL exceedance

Possible reason for Action or Limit Level Non-compliance:

A Limit Level exceedance of 24-hr TSP level was recorded at AMS6, Dragon Air Building, on 27 December 2013.

According to the information provided by the Contractor, the following construction activities were undertaken during the sampling period:

Zone 1 and Zone 2

- Rock filling
- Sand filling
- Installation of stone platform

Zone 3A
- Sand filling
- Public fill filling
- Transfer sand and public fill
- Removal of temporary stone platform

Zone 3C
- Transfer of fill material

Mitigation measures such as provision of water spraying on stockpiles and dry areas were implemented. As such, the construction activities were unlikely to generate significant dust impacts on the sampling location.

The general weather conditions at Tung Chung were foggy and haze during the dust sampling period. The API recorded by EPD at the Tung Chung station during the sampling time ranged from 58 to 75 which was considered high. Therefore, it is considered that the exceedance was not related to the construction activities of the Contract and was caused by poor weather condition.

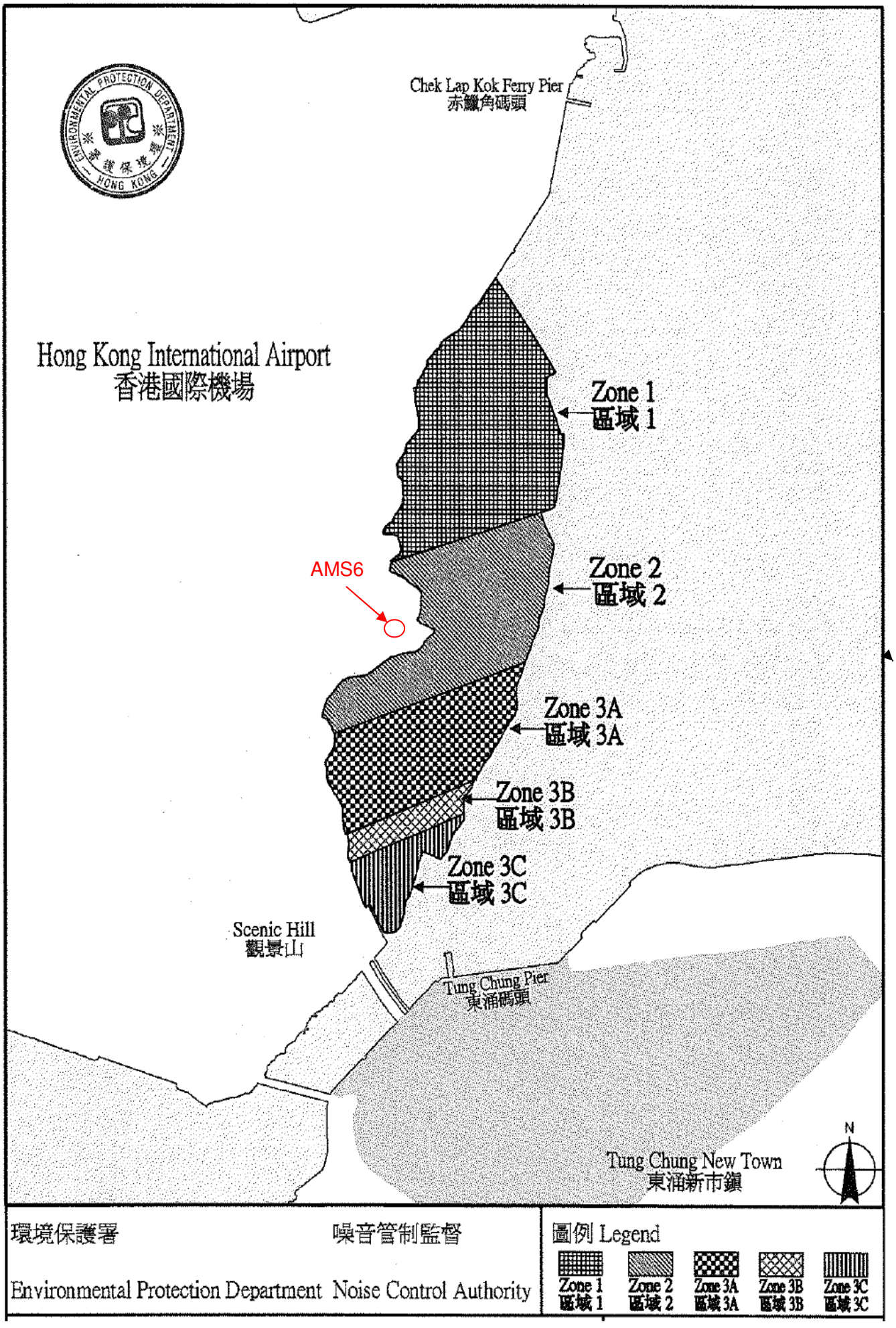
Actions taken/ to be taken:

As the 24-hr TSP exceedance was not related to project works, no immediate actions are considered necessary. However, the Contractor is reminded to suppress potential dust generation during the construction works.

Reviewed by : Claudine Lee Title : ET Leader

Date : 9 January 2014

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


Chek Lap Kok Ferry Pier
赤鱲角碼頭
Hong Kong International Airport
香港國際機場
Zone 1
區域 1
AMS6
Zone 2
區域 2
Zone 3A
區域 3A
Zone 3B
區域 3B
Zone 3C
區域 3C
Scenic Hill
觀景山
Tung Chung Pier
東涌碼頭
Tung Chung New Town
東涌新市鎮
N
環境保護署
Environmental Protection Department
噪音管制監督
Noise Control Authority
圖例 Legend
Zone 1 區域 1
Zone 2 區域 2
Zone 3A 區域 3A
Zone 3B 區域 3B
Zone 3C 區域 3C

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.: 167

Date of Notification: 9 January 2014

Works Inspected: 24-hr TSP monitoring was undertaken on 27 December 2013 and the test report was issued on 6 January 2014

Monitoring Location: AMS5 – Ma Wan Chung Village

Parameter: 24-hour TSP monitoring

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

PARAMETER	STATION	AL ($\mu g/m^3$)	LL ($\mu g/m^3$)	MEASURED LEVEL, $\mu g/m^3$
24-hr TSP (8:00 – 8:00 hours)	Ma Wan Chung Village (AMS5)	164	260	***195***

Notes: ***Bold Italic*** means AL exceedance
Bold Italic with underline means LL exceedance

Possible reason for Action or Limit Level Non-compliance:

An Action Level exceedance of 24-hr TSP level was recorded at AMS5, Ma Wan Chung Village, on 27 December 2013.

According to the information provided by the Contractor, the following construction activities were undertaken during the sampling period:

Zone 1 and Zone 2

- Rock filling
- Sand filling
- Installation of stone platform

Zone 3A
- Sand filling
- Public fill filling
- Transfer sand and public fill
- Removal of temporary stone platform

Zone 3C
- Transfer of fill material

The construction activities were carried far away from AMS5 (over 700m). In addition, mitigation measures such as provision of water spraying on stockpiles and dry areas were implemented. As such, the construction activities were unlikely to generate significant dust impacts on the sampling location.

The general weather conditions at Tung Chung were foggy and haze during the dust sampling period. The API recorded by EPD at the Tung Chung station during the sampling time ranged from 58 to 75 which was considered high. Therefore, it is considered that the exceedance was not related to the construction activities of the Contract and was caused by poor weather condition.

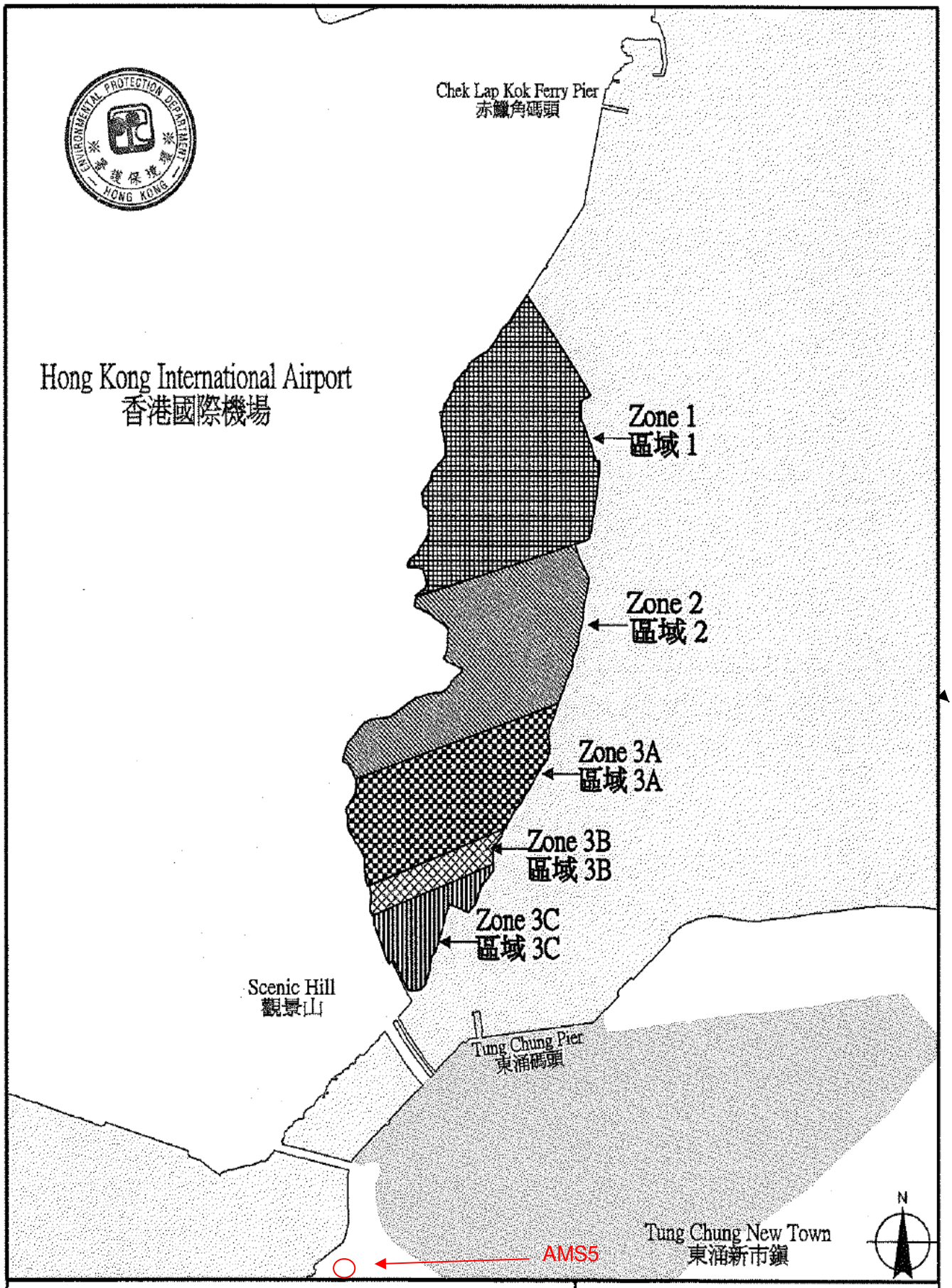
Actions taken/ to be taken:

As the 24-hr TSP exceedance was not related to project works, no immediate actions are considered necessary. However, the Contractor is reminded to suppress potential dust generation during the construction works.

Reviewed by : Claudine Lee Title : ET Leader

Date : 9 January 2014

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

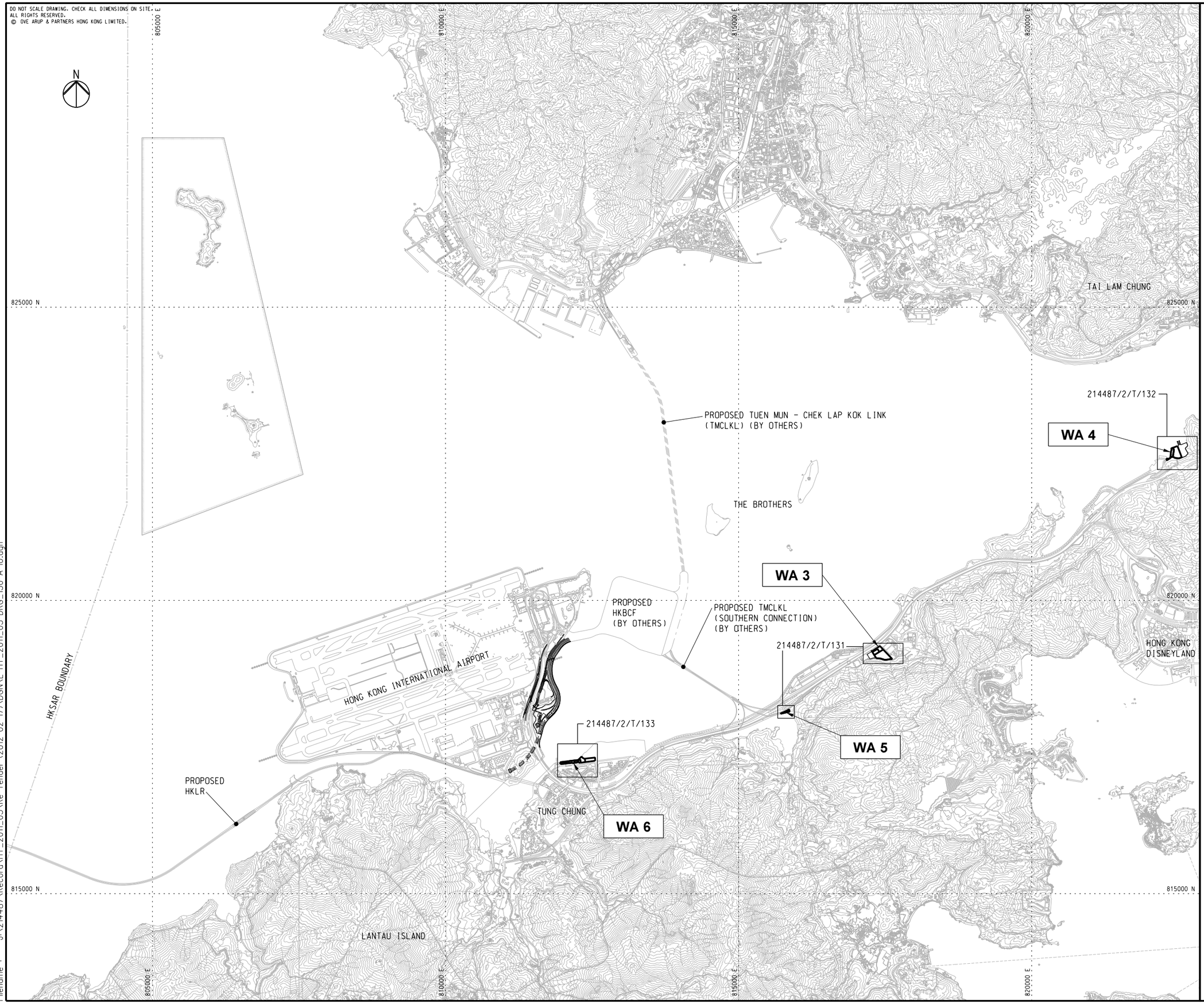

Chek Lap Kok Ferry Pier
赤鱲角碼頭
Hong Kong International Airport
香港國際機場
Zone 1
區域 1
Zone 2
區域 2
Zone 3A
區域 3A
Zone 3B
區域 3B
Zone 3C
區域 3C
Scenic Hill
觀景山
Tung Chung Pier
東涌碼頭
Tung Chung New Town
東涌新市鎮
AMS5
N
環境保護署
Environmental Protection Department
噪音管制監督
Noise Control Authority
圖例 Legend
Zone 1 區域 1
Zone 2 區域 2
Zone 3A 區域 3A
Zone 3B 區域 3B
Zone 3C 區域 3C

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 O

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

青洲仔
TSING CHAU TSAI

NORTH LANTAU HIGHWAY

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

貨運線

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

昂船洲
NGONG SHUEN AU

陰仔灣
YAM TSAI WAN

欣澳灣
YAN O WAN

陰仔
YAM TSAI

欣澳篤
YAN O TUK

灣篤
WAN TUK

望東坑
MONG TUNG HANG

竹篙灣公路
SUNNY BAY ROAD
PENNY'S BAY HIGHWAY

欣澳道

迪欣湖活動中心
INSPIRATION LAKE RECREATION CENTRE

DISNEYLAND RESORT

東涌路

竹篙灣發電廠
PENNY'S BAY POWER STATION

救生艇
Life Boat

大山
TAI SHAN

竹篙灣
PENNY'S BAY

四白坳
SZE PAK AU

扒頭鼓
PA TAU K

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

岩地

Pipeline

Fence

Platform

碼頭
Pier

煤氣調壓及檢管站

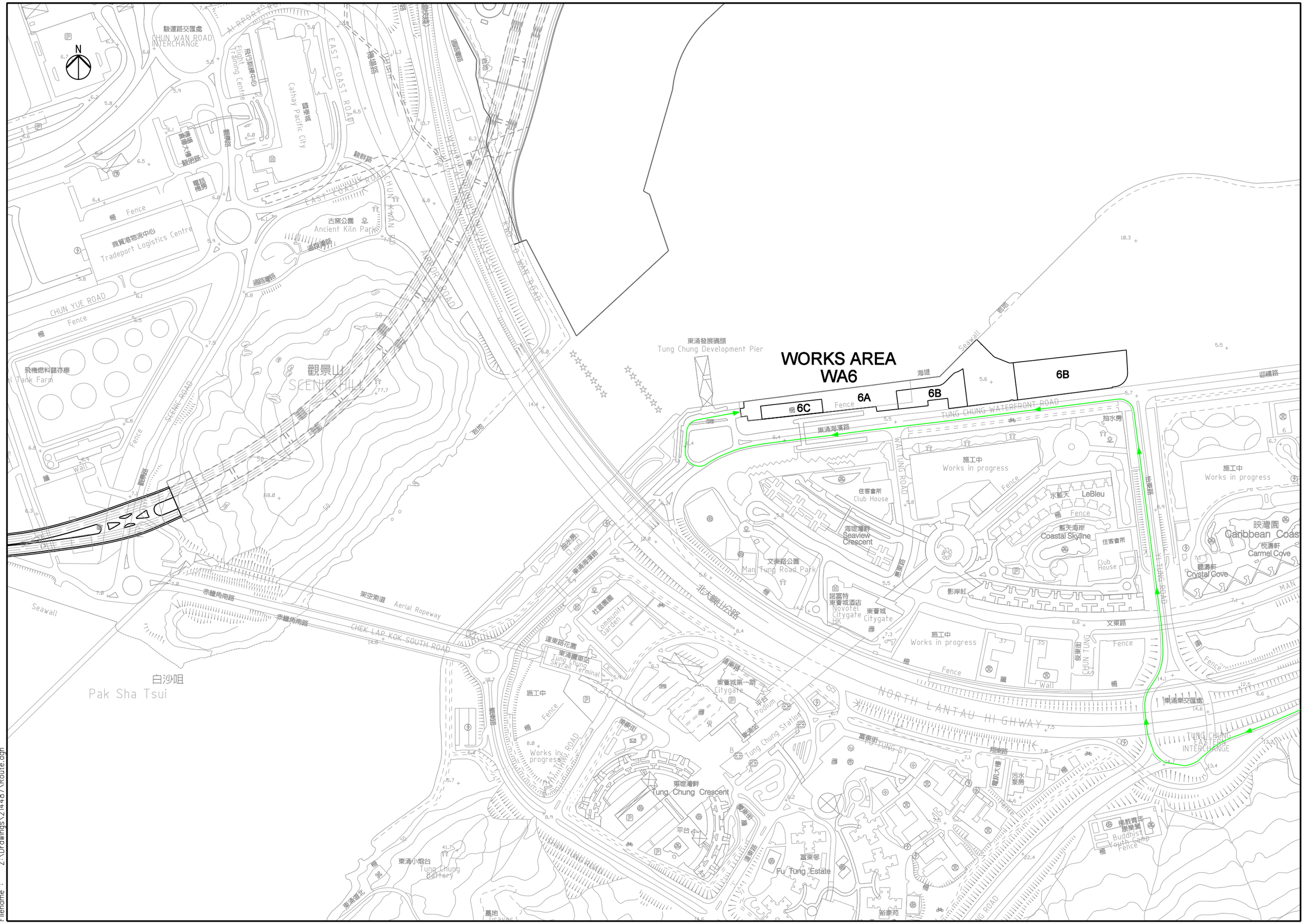
Pak Mong

白芒

大蠔灣
TAI HO WAN

臺地

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



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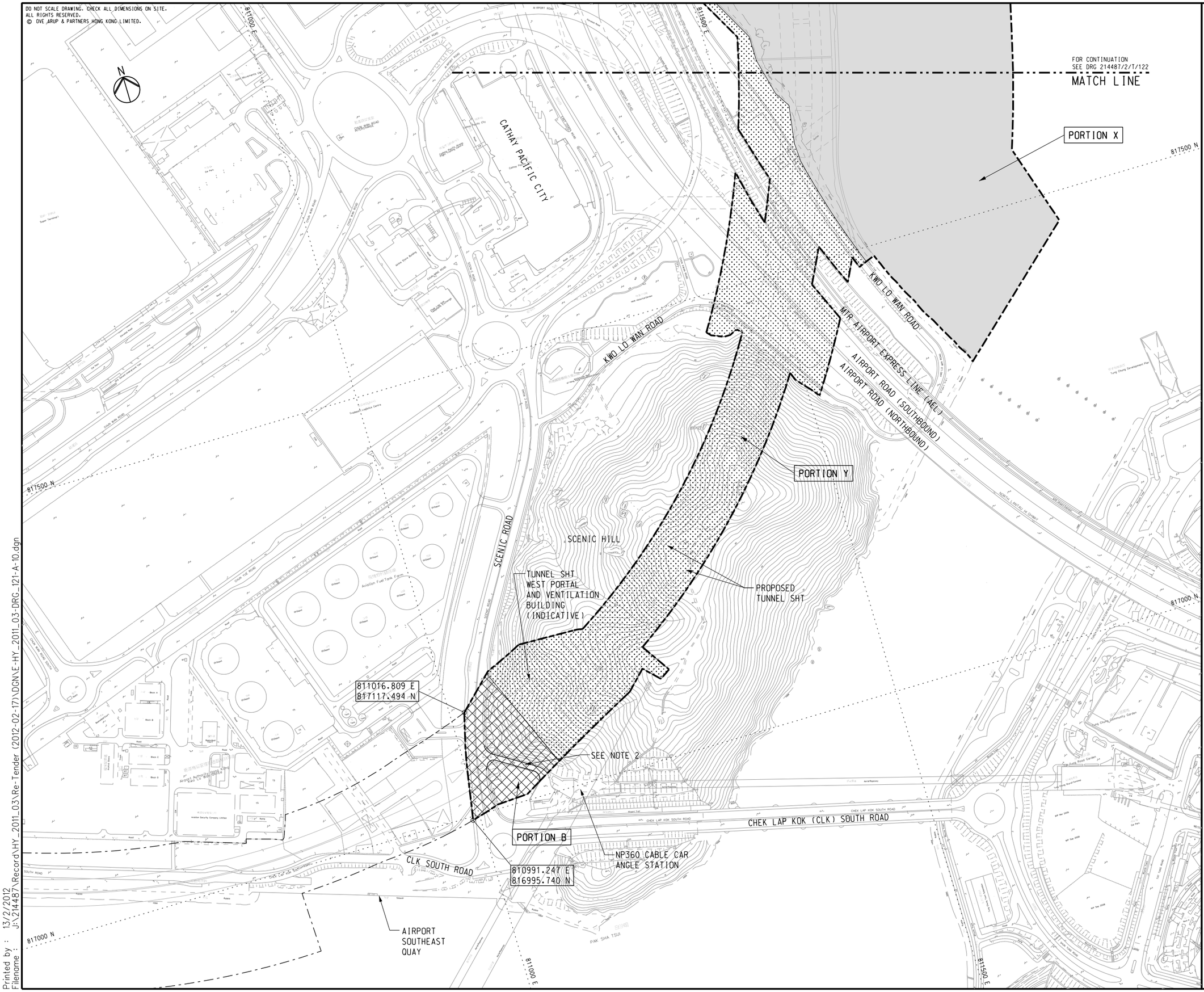


NOTES

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: 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_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

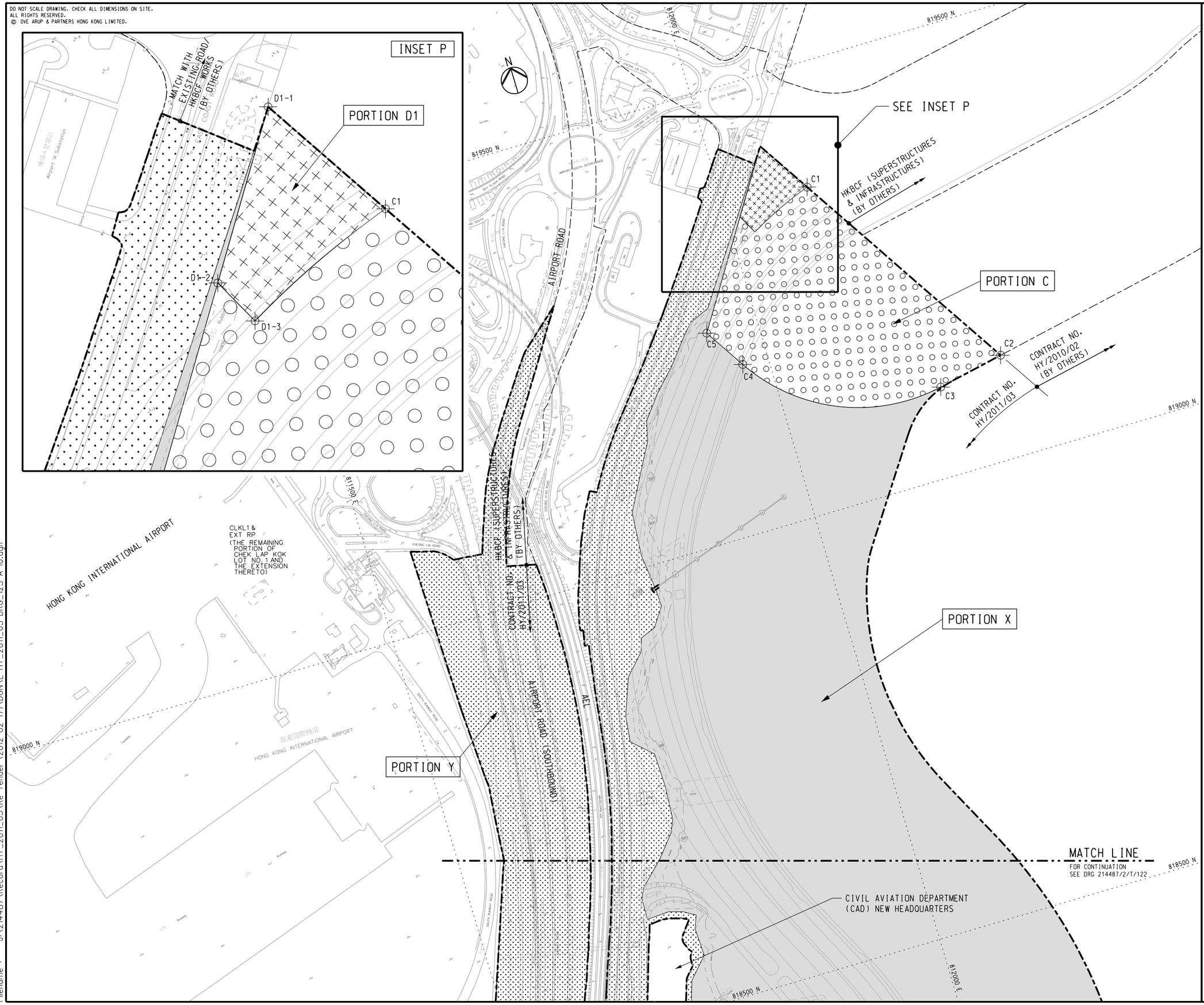
Drawing title

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
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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