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

Contract No. HY/2011/03

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

Monthly EM&A Report No.12 (September 2013)

16 October 2013

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 Twelfth 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 September to 30 September 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	4, 10, 16, 19 and 25 September 2013
24-hr TSP monitoring	
- AMS5	3, 9, 13,18, 24 and 30 September 2013
- AMS6	13, 18, 24 and 30 September 2013
Noise Monitoring	6, 11, 16 and 25 September 2013
Water Quality Monitoring	2, 4, 6, 9, 11, 13, 16, 18, 20, 25, 27 and 30 September 2013
Chinese White Dolphin Monitoring	3, 5, 10 and 18 September 2013
Mudflat Monitoring (Ecology)	1, 7, 8, 14, 15 and 21 September 2013
Mudflat Monitoring (Sedimentation rate)	4 September 2013
Site Inspection	3, 10, 18 and 27 September 2013

Due to interruption of electricity supply, the 24 hours dust monitoring was cancelled on 3 September 2013 at station AMS6. Due to malfunction of high volume sampler, the 24 hours dust monitoring was cancelled on 9 September 2013 at station AMS6.

The noise monitoring was cancelled on 4 September 2013 at NMS5 due to the bad weather condition and was rescheduled on 6 September 2013.

Due to adverse weather condition, the water quality monitoring at all stations were cancelled on 23 September 2013 during mid-ebb tide and mid-flood tide.

The 2nd Dolphin Monitoring on 17 September 2013 was postponed to 18 September 2013 due to the increased wind condition.

Breaches of Action and Limit Levels

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

Environmental Monitoring	Parameters	Action Level (AL)	Limit Level (LL)
Air Quality	1-hr TSP	0	0
	24-hr TSP	0	0
Noise	$L_{eq\ (30\ min)}$	0	0
Water Quality	Suspended solids level (SS)	3	0
	Turbidity level	0	0
	Dissolved oxygen level (DO)	0	0

Three Action Level exceedances of suspended solid level were recorded on 6, 16 and 18 September 2013. Marine construction activities including geotextile laying activity at Zone 1 and filling activities at Zone 3A and Zone 2 on 6 September 2013; geotextile laying activity and filling works at Zone 1, stone column installation and filling works at Zone 2 and stone column installation at Zone 3A on 16 September 2013; stone column installation and filling works at Zone 2 and filling works at Zone 3B on 18 September 2013. 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.

All investigation reports for exceedances of the Contract have been submitted to ENPO/IEC for comments and/or follow up to identify whether the exceedances occurred related to other HZMB contracts.

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-2013-033	13 September 2013	Noise
COM-2013-034	17 September 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:

- Removal of Existing Rock for Existing 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;
- Site Formation at West Portal;
- Tree Felling at West Portal;
- Slope Protection / Stabilization (Soil Nailing Works) at West Portal;
- 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;
- Pipe piling works for east access shaft at Kwo Lo Wan Road;
- Access Shaft Construction for Tunnel at Portion Y;
- Utility Culvert Excavation at Portion Y;
- Pipe roofing installation and excavation for Tunnel SHT at West Portal; and
- Excavation for temporary diversion of outfall at PR 10.

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 Twelfth 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 30 September 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
Removal of existing rock for existing seawall	Portion X
Stone column installation	Portion X
Sand filling behind stone platform in according to EP requirement	Portion X
Temporary stone platform construction	Portion X

Description of Activities	Site Area
Band drains Installation	Portion X
Site formation	West Portal
Tree felling	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

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 aluminum 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 September 2013 is provided in **Appendix D**. Due to interruption of electricity supply, the 24 hours dust monitoring was cancelled on 3 September 2013 at station AMS6. Due to malfunction of high volume sampler, the 24 hours dust monitoring was cancelled on 9 September 2013 at station AMS6.

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 (μg/m^3)	Range (μg/m^3)	Action Level (μg/m^3)	Limit Level (μg/m^3)
AMS5	25	16 – 44	352	500
AMS6	31	14 – 47	360	500

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

Monitoring Station	Average (μg/m^3)	Range (μg/m^3)	Action Level (μg/m^3)	Limit Level (μg/m^3)
AMS5	37	15-64	164	260
AMS6	74	45-125	173	260

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

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

2.7.4 There were technical problems of the on-site weather station on 2, 3, 12, 13, 14 September 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 and from Hong Kong Observatory's Chek Lap Kok 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 September 2013 is provided in **Appendix D**. The noise monitoring was cancelled on 4 September 2013 at NMS5 due to the bad weather condition and was rescheduled on 6 September 2013.

3.7 Monitoring Results

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

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

Monitoring Station	Average $L_{eq\ (30\ mins)}$, dB(A)	Range of $L_{eq\ (30\ mins)}$, dB(A)	Limit Level $L_{eq\ (30\ mins)}$, dB(A)
NMS5	60	58 – 62	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 September 2013 is provided in **Appendix D.** Due to adverse weather condition, the water quality monitoring at all stations were cancelled on 23 September 2013 during mid-ebb tide and mid-flood tide.

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 dissolved oxygen 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	--	--	--	--	--	--	16 Sep 2013	--	1	0
	Limit Level	--	--	--	--	--	--	--	--	0	0
IS7	Action Level	--	--	--	--	--	--	--	--	0	0
	Limit Level	--	--	--	--	--	--	--	--	0	0

Station	Exceedance Level	DO (S&M)		DO (Bottom)		Turbidity		SS		Total number of exceedances	
		Ebb	Flood	Ebb	Flood	Ebb	Flood	Ebb	Flood	Ebb	Flood
IS8	Action Level	--	--	--	--	--	--	--	--	0	0
	Limit Level	--	--	--	--	--	--	--	--	0	0
IS(Mf)9	Action Level	--	--	--	--	--	--	--	06 Sep 2013	0	1
	Limit Level	--	--	--	--	--	--	--	--	0	0
IS10	Action Level	--	--	--	--	--	--	--	--	0	0
	Limit Level	--	--	--	--	--	--	--	--	0	0
SR3	Action Level	--	--	--	--	--	--	--	--	0	0
	Limit Level	--	--	--	--	--	--	--	--	0	0
SR4	Action Level	--	--	--	--	--	--	--	18 Sep 2013	0	1
	Limit Level	--	--	--	--	--	--	--	--	0	0
SR5	Action Level	--	--	--	--	--	--	--	--	0	0
	Limit Level	--	--	--	--	--	--	--	--	0	0
SR10A	Action Level	--	--	--	--	--	--	--	--	0	0
	Limit Level	--	--	--	--	--	--	--	--	0	0
SR10B	Action Level	--	--	--	--	--	--	--	--	0	0
	Limit Level	--	--	--	--	--	--	--	--	0	0
Total	**Action**	0	0	0	0	0	0	1	2	3**	
	Limit	0	0	0	0	0	0	0	0	0**	

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

4.7.3 During the reporting month, three Action Level exceedances of suspended solid level were recorded on 6, 16, 18 September 2013. Marine construction activities including geotextile laying activity at Zone 1 and filling activities at Zone 3A and Zone 2 on 6 September 2013; geotextile laying activity and filling works at Zone 1, stone column installation and filling works at Zone 2 and stone column installation at Zone 3A on 16 September 2013; stone column installation and filling works at Zone 2 and filling works at Zone 3B on 18 September 2013. 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.

4.7.4 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.

4.7.5 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 (Standard 31516) 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^{o} and 90^{o} (in relation to the bow, which is defined as 0^{o}). 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 labelled as "primary survey effort, while the survey effort conducted along the connecting lines between parallel lines was labelled 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 Two professional digital cameras (Canon EOS 7D and 60D models), each 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 September 2013, two sets of systematic line-transect vessel surveys were conducted on the 3rd, 5th, 10th and 18th, 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 300.25 km of survey effort was collected, with 93.6% of the total survey effort being conducted under favorable weather conditions (i.e. Beaufort Sea State 3 or below with good visibility) **(Annex I of Appendix H)**. Among the two areas, 115.00 km and 185.25 km of survey effort were collected from NEL and NWL survey areas respectively. In addition, the total survey effort conducted on primary lines was 220.97 km, while the effort on secondary lines was 79.28 km.

5.3.3 During the two sets of monitoring surveys in September 2013, a total of 7 groups of 22 Chinese White Dolphins were sighted (Annex II of Appendix H). Only one sighting of two dolphins was made in NEL during the two sets of surveys in September. All sightings were made during on-effort search in NWL and NEL. Among these on-effort sightings, five of them were made on primary lines, while the other two were made on secondary lines. Similar to previous months of dolphin monitoring surveys, none of the dolphin groups was associated with any operating fishing vessel.

5.3.4 Distribution of these dolphin sightings made in September 2013 is shown in **Figure 6 of Appendix H**. Dolphin groups were scattered near Black Point, Pillar Point, the northeast corner of Chek Lap Kok Airport, and south of Tai Mo To. No dolphin was sighted within the Sha Chau and Lung Kwu Chau Marine Park, where most of the dolphin sightings were made in previous months of HKLR03 dolphin monitoring surveys.

5.3.5 Among the seven sightings, three of them were made in the proximity of the HKBCF construction site **(Figure 6 of Appendix H)**. Notably, two of these three sightings comprised of the same individuals (EL01 and NL191) on the same day, and the dolphin groups were observed to travel from the south of Tai Mo To to the northeast corner of the airport platform. None of the sightings were made near the HKLR03 construction site or HKLR09 alignment **(Figure 6 of Appendix H)**.

5.3.6 During September'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 Dolphin Encounter Rates Deduced from the Two Sets of Surveys (Two Surveys in Each Set) in September 2013 in Northeast (NEL) and Northwest Lantau (NWL)

		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: Sep 3rd/5th	0.0	0.0
	Set 2: Sep 10th/18th	3.4	6.9
NWL	Set 1: Sep 3rd/5th	1.5	8.9
	Set 2: Sep 10th/18th	4.2	12.6

Table 5.4 Overall Dolphin Encounter Rates (Sightings Per 100 km of Survey Effort) from All Four Surveys Conducted in September on Primary Lines only as well as Both Primary Lines and Secondary Lines in Northeast (NEL) and Northwest Lantau (NWL)

	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	1.5	1.0	3.0	1.9
Northwest Lantau	2.9	3.4	10.8	11.3

5.3.7 The average group size of Chinese White Dolphins was 3.14 individuals per group, which was similar to the one in the previous month of dolphin monitoring. Most dolphin groups were composed of only 1-3 animals, while two medium-sized groups with 5-6 dolphins were sighted in NWL.

Photo-identification Work

5.3.8 Thirteen individual dolphins were identified during September's surveys, and ten of them were only sighted once during the month (Annex III and IV of Appendix H). On the other hand, EL01, NL191 and WL05 were sighted twice during the two sets of surveys in September 2013. All except two identified individuals (EL01 and NL191) were sighted in NWL.

5.3.9 Two well-recognized females, NL188 and NL264, were accompanied with their calves during their re-sightings, and these mother-calf pairs were also regularly sighted in previous months of 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 (September – November 2013) 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 4 September 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(September 2013)		
Monitoring Station	Easting (m)	Northing (m)	Surface Level (mPD)	Easting (m)	Northing (m)	Surface Level (mPD)
S1	810291.160	816678.727	0.950	810291.152	816678.733	1.022
S2	810958.272	815831.531	0.864	810958.277	815831.548	0.916
S3	810716.585	815953.308	1.341	810716.599	815953.297	1.393
S4	811221.433	816151.381	0.931	811221.405	816151.371	1.019

Table 6.3 Comparison of measurement

	Comparison of measurement			Remarks and Recommendation
Monitoring Station	Easting (m)	Northing (m)	Surface Level (mPD)	
S1	-0.008	0.006	0.072	Level continuously increased
S2	0.005	0.017	0.052	Within tolerance, no significant change
S3	0.014	-0.011	0.052	Within tolerance, no significant change
S4	-0.028	-0.010	0.088	Level continuously increased

6.1.6 This measurement result was generally and relatively higher than the baseline measurement at S1 and S4. The mudflat level is continuously increased. For S2 and S3 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 September 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-Sep-13	7.2	4.5	2.4	8.8	9.6	11.1
04-Sep-13	5.3	9.0	10.9	5.5	9.0	9.4
06-Sep-13	6.5	8.4	7.1	6.4	11.1	10.6
09-Sep-13	5.7	7.5	6.7	5.6	8.3	8.3
11-Sep-13	6.8	4.1	4.5	6.4	4.3	4.8
13-Sep-13	5.7	4.3	3.7	6.6	10.3	3.4
16-Sep-13	6.8	4.2	5.2	8.6	12.1	18.0
18-Sep-13	6.7	8.5	5.2	6.8	10.5	9.9
20-Sep-13	6.2	8.5	7.9	5.9	12.8	12.0
23-Sep-13	-	-	-	-	-	-
25-Sep-13	6.5	9.4	10.1	6.5	9.5	9.8
27-Sep-13	6.2	5.7	5.7	7.1	5.1	7.1
30-Sep-13	6.5	3.8	2.9	6.8	4.7	6.7
Average	6.3	6.5	6.0	6.7	8.9	9.2

Due to adverse weather condition, the water quality monitoring at station SR3 was cancelled on 23 September 2013 during mid-ebb tide and mid-flood tide.

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 15th (for zones TC3 and ST) and 21st (for zones TC1 and TC2) September 2013 with hot and cloudy weather.

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 15th (for zones TC3 and ST) and 21st (for zones TC1 and TC2) September 2013 with hot and cloudy weather.

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 1^{st} (for ST), 7^{th} (for TC3), 8^{th} (for TC1) and 14^{th} September 2013 (for TC2).

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 **Table 3.1 and Figure 3.1 of Appendix I** show the records of horseshoe crab survey at every sampling zone. In general, horseshoe crab Tachypleus tridentatus was found at all sampling zone (TC1: 10 individuals; TC2: 2 individuals; TC3: 7 individuals; ST: 94 individuals). All individuals 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.

6.5.2 Since the commencement of the survey on September 2012, no individual was found at TC2 until the present survey (2 individuals). It showed that TC2 was not a suitable nursery ground for horseshoe crab.

6.5.3 According to **Table 3.2 of Appendix I**, the search records of Tachypleus tridentatus were 2.50 individuals hr^{-1} $person^{-1}$ (mean prosomal widths: 31.22 mm), 0.50 individuals hr^{-1} $person^{-1}$ (25.51 mm) and 1.75 individuals hr^{-1} $person^{-1}$ (30.87 mm) at TC1, TC2 and TC3 respectively. Similar to previous surveys, the highest search record of 15.67 individuals hr^{-1} $person^{-1}$ (40.39 mm) was reported at ST. According to Li (2008), the prosomal width of Tachypleus tridentatus recorded ranged 19.33 - 68.01 mm that corresponded to an estimated age of 2.6 – 8.0 years old. It was obvious 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).

6.5.4 **Figure 3.2 of Appendix I** shows the changes of number of individuals, mean prosomal width and search record of horseshoe crab *Tachypleus tridentatus* at the every sampling zone along the sampling months. Both number of individuals and search records declined generally during dry season (from September to December 201) at TC1, TC2 and ST. 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 2012 to September 2013 (present survey), both values increased with the warmer climate at the three sampling zones.

6.5.5 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.

6.5.6 **Figure 3.3 of Appendix I** shows the changes of prosomal width of horseshoe crab Tachypleus tridentatus at 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 present survey. 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 at ST.

6.5.7 Besides, 18 labeled individuals of *Tachypleus tridentatus* (prosomal width: 28.76-56.00 mm) were recorded in the present survey (Table 3.1 and Figure 3.1). 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.

6.5.8 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.

6.5.9 The present survey was the fourth 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.

<u>**Seagrass Beds**</u>

6.5.10 **Table 3.3 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 largest patch was *Halophila ovalis* located nearby the mangrove vegetation on sandy substratum at tidal level 2 m above C.D.. The estimated total area was 758.9 m^2 with estimated coverage ranged 85-90%. It was a long seagrass strand merged by the growth of 2 to 3 smaller patches recorded in previous surveys from September 2012 to June 2013. Moreover, six 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 total area of each patch ranged 1.2 - 8.0 m^2 with estimated coverage ranging 15-70%. These small patches were yet recorded in previous surveys and were distant from the largest strand. Seasonal recruitment of *H. ovalis* was believed occurred between June and September. One small patch of *Zostera japonica* was found within the long strand of *Halophila ovalis*. The estimated area was 3.7 m^2 while the estimated coverage was about 95%.

6.5.11 **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. 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 the present survey. The patch might not overcome the high heat stress exerted on shore between June and September 2013.

6.5.12 The present survey was the fourth 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 present 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

6.5.13 **Table 3.4 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.

6.5.14 The distribution of substratum types varied among tidal levels and sampling zones. At TC1, higher percentage of 'Sands' was recorded (60%) while the rest was 'Gravels and Boulders' (40%) at high tidal level. High percentage of 'Gravels and Boulders' (80%) was recorded at mid tidal level. Even distribution of 'Soft mud' (40%) and 'Sands' (40%) was recorded at low tidal level. At TC2, high percentage of 'Sands' (60%) was recorded while the rest was 'Soft mud' (40%) at high tidal level. But higher percentages of 'Soft mud' (50-70%) and lower percentage of 'Sands' (30%) were recorded at mid and low tidal levels. At TC3, high percentages of 'Sands' (80-100%) were recorded at high and mid tidal levels. 'Gravels and Boulders' was the major substratum (60%) at low tidal level followed by 'Sands' (30%). At ST, 'Gravels and Boulders' (100%) was recorded only at high tidal level. Even distribution of 'Gravels and Boulders' (50%) and 'Sands' (50%) was recorded at mid tidal level. At low tidal level, high percentage of 'Soft mud' (80%) was recorded at low tidal level followed by 'Gravels and Boulders' (20%).

6.5.15 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.

6.5.16 **Table 3.5 of Appendix I** lists the total abundance, density and number of taxon of every phylum in the present survey. A total of 19329 individuals were recorded. Mollusks were significantly the most abundant phylum (total individuals 18738, density 625 individuals m^{-2}, relative abundance 96.9%). The second abundant group was arthropod (total individuals: 421, density 14 individuals m^{-2}, 2.2%) respectively. Relatively other phyla were very low in abundance ($\leq$0.6%). Similarly, the most diverse phylum were mollusks (37 taxa) followed by arthropods (13 taxa) and annelids (8 taxa). The taxa of other phyla were relatively less ($\leq$1 taxon). The complete list of collected specimens is provided in **Annex III of Appendix I**.

6.5.17 **Table 3.6 of 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: 3119-7510 individuals, relative abundance 93.7-98.8%). Arthropods were the second abundant phylum (no. of individuals: 49-185 individuals, 0.6-4.6%) 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: 57 individuals, relative abundance 1.4%).

6.5.18 **Table 3.7 of Appendix I** lists the abundant species (relative abundance >10%) at every sampling zone. At TC1, gastropod *Batillaria multiformis* was clearly the dominant species (403-406 individuals m^{-2}, relative abundance 51-64%) at high and mid tidal levels. It was also in moderate abundance at low tidal level (32 individuals m^{-2}, 10%). Gastropod *Cerithidea djadjariensis* (98-111 individuals m^{-2}, 18-29%) was also abundant at high and low tidal levels. Gastropod *Monodonta labio* (135 individuals. m^{-2}, 17%) was the second abundant at mid tidal level. Rock oyster *Saccostrea cucullata* was at moderate abundance at mid and low tidal levels (61-96 individuals m^{-2}, 12-18%).

6.5.19 At TC2, gastropod *Cerithidea cingulata* was the most abundant at high tidal level (412 individuals m^{-2}, relative abundance 50%) but was less in abundance at mid tidal level (61 individuals m^{-2}, 13%). All three tidal levels were dominated by gastropod *Cerithidea djadjariensis* (167-271 individuals. m^{-2}, 33-52%). At mid tidal level, rock oyster *Saccostrea cucullata* (72 individuals m^{-2}, 15%) was the second abundant species. At low tidal level, gastropod *Batillaria zonalis* (42 individuals m^{-2}, 13%) was common-occurring species.

6.5.20 At TC3, the high and mid tidal levels were mainly dominated by gastropods *Batillaria multiformis* (526-857 individuals m^{-2}, relative abundance 49-63%), *Cerithidea djadjariensis* (244-310 individuals m^{-2}, 18-29%) and *Cerithidea cingulata* (191-206 individuals m^{-2}, 14-19%). At low tidal level, the abundant species were gastropod *Monodonta labio* (196 individuals m^{-2}, 33%), rock oyster *Saccostrea cucullata* (158 individuals m^{-2}, 27%) followed by gastropod *Batillaria multiformis* (91 individuals m^{-2}, 15%).

6.5.21 At ST, gastropod *Batillaria multiformis* was highly abundant (329 individuals m^{-2}, relative abundance 55%) at high tidal level followed by gastropod *Monodonta labio* (108 individuals. m^{-2}, 18%). Relatively the abundant species were similar but lower in abundances at mid tidal level such as gastropods *Cerithidea djadjariensis* (88 individuals m^{-2}, 18%), *Batillaria multiformis* (58 individuals m^{-2}, 12%), *Cerithidea cingulata* (58 individuals m^{-2}, 12%), *Lunella coronata* (56 individuals m^{-2}, 12%) and rock oyster *Saccostrea cucullata* (88 individuals m^{-2}, 18%). At low tidal level, the abundant species gastropod *Cerithidea djadjariensis* (95 individuals m^{-2}, 44%) and *Batillaria zonalis* (24 individuals m^{-2}, 11%) were also low in abundances.

6.5.22 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* (7058 individuals, 37%), *Cerithidea djadjariensis* (4207 individuals, 22%), *Cerithidea cingulata* (2701 individuals, 14%) were the most common occurring species on sandy substratum mainly among the four sampling zones. Moreover gastropod *Monodonta labio* (1360 individuals, 7%) and rock oyster *Saccostrea cucullata* (1520 individuals, 8%), were common occurring species inhabiting gravel and boulders substratum.

6.5.23 **Table 3.8 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 among TC1, TC2 and TC3 (7-13 spp. 0.25 m^{-2}) while ST had relatively higher value (8-15 spp. 0.25 m^{-2}). The mean densities of TC3 (590-1371 individuals m^{-2}) was generally higher than that of TC1 (332-800 individuals m^{-2}) and TC2 (320-827 individuals m^{-2}) followed by ST (218-602 individuals m^{-2}). The mean biodiversity index and species evenness were similar that ranged 1.22-1.56 and 0.58-0.66 respectively.

6.5.24 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. Usually higher mean biodiversity index and species evenness were observed at mid and low tidal levels.

6.5.25 **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 reported at sampling zones TC2 (mid and low tidal levels) and TC3 (high and mid tidal levels) in dry season on December 2012, 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. At the same time, steady increases of number of species and biodiversity index were observed at ST (mid and low tidal levels).

6.5.26 The present survey was the fourth 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.

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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 3, 10, 18 and 27 September 2013.

7.1.2 Particular observations during the site inspections are described below.

3 September 2013

(a) The construction materials were placed near the tree fence at S8. The Contractor removed construction materials inside the tree fence at S8. (This observation was found on 30 August 2013 and closed on 3 September 2013.)

(b) A section of silt curtain close to the opening/entrance was shifted and the overlapping section of silt curtain for the opening/entrance became shorter when compared to the original configuration. The section of silt curtain close to the entrance was realigned to the original configuration at Portion X. (This observation was closed on 10 September 2013.)

(c) Some of the plastic boxes were found to drift inside the silt curtain at Portion X. The Contractor cleaned up the plastic boxes which were inside the silt curtain at Portion X. (This observation was closed on 10 September 2013.)

(d) The chemical container was found to be without the drip trays at San Pump Barge. The Contractor removed chemical container at San Pump Barge. (This observation was closed on 10 September 2013.)

(e) Muddy water was found leaking from the site area to public road at S11. The Contractor cleaned muddy water on the public road at S11. (This observation was closed on 10 September 2013.)

(f) The stagnant water was found inside a drip tray at West Portal. The Contractor cleaned up stagnant water inside the drip tray at West Portal. (This observation was closed on 10 September 2013.)

(g) The stagnant water was found inside I-beams at West Portal. The Contractor cleaned up stagnant water inside I-beams at West Portal. (This observation was closed on 10 September 2013.)

10 September 2013

(a) Sand was found at the passageway of Yao Chun 138. The Contractor cleaned up the sand at Yao Chun 138 (This observation was closed on 18 September 2013.)

(b) The chemical container was found without drip tray at Sand Pump Barge. The Contractor removed chemical container at Sand Pump Barge. (This observation was closed on 18 September 2013.)

(c) There were some footprints (sand) on the public road area at S11. The footprints (sand) were cleaned by the street cleaning vehicle at S11. (This observation was closed on 18 September 2013.)

(d) No drip tray was provided for the operating compressor at West Portal. The Contractor provided a drip tray for the operating compressor at West Portal. (This observation was closed on 18 September 2013.)

18 September 2013

(a) Sand was found at the passageway LT30. The Contractor cleaned up the passageway of LT30.(This observation was closed on 27 September 2013.)

(b) No sand bags were placed around the sand stockpile at WA04 to present muddy water discharge onto the road. The Contractor provided sand bags around the sand stockpile to prevent muddy water discharge on to the road at WA04. (This observation was closed on 27 September 2013.)

(c) The unpaved road was found to be dry at N13. The Contractor provided water spraying on the unpaved road regularly at N13. (This observation was closed on 27 September 2013.)

(d) The unpaved area was found to be dry at S16. The Contractor provided water spraying on the unpaved road regularly at S16. (This observation was closed on 27 September 2013.)

(e) Oil was found inside a drip tray at West Portal. The Contractor cleaned up the oil inside the drip tray at West Portal. (This observation was closed on 27 September 2013.)

27 September 2013

(a) Stagnant water was found inside a drip tray at West Portal. The Contractor was reminded to clean up stagnant water inside the drip tray at West Portal.

(b) Dust emission was found at work area of West Portal. The Contractor was reminded to provide sufficient dust mitigation measures at work area of West Portal.

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 and 24- hour TSP, no Action and Limit Level exceedances were recorded at AMS 5 and AMS6 during the reporting month.

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

7.5.3 Three Action Level exceedances of suspended solid level were recorded on 6, 16 and 18 September 2013. Marine construction activities including geotextile laying activity at Zone 1 and filling activities at Zone 3A and Zone 2 on 6 September 2013; geotextile laying activity and filling works at Zone 1, stone column installation and filling works at Zone 2 and stone column installation at Zone 3A on 16 September 2013; stone column installation and filling works at Zone 2 and filling works at Zone 3B on 18 September 2013. 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 were two complaints 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-2013-033	13 September 2013	Noise
COM-2013-034	17 September 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 for September 2013 and October 2013 are summarized in **Table 7.1**.

Table 7.1 Construction Activities for September 2013 and October 2013

Site Area	Description of Activities
Portion X	Removal of Existing Rock for Existing Seawall
Portion X	Stone Column Installation
Portion X	Sand Filling behind Stone Platform in according to EP requirements
Portion X	Band Drains Installation
Portion X	Temporary Stone Platform Construction
West Portal	Site Formation
West Portal	Tree Felling
West Portal	Slope Protection / Stabilization (Soil Nailing 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
Kwo Lo Wan / Airport Road / Airport Express Line	Works for East Access Shaft
Portion Y	Access Shaft Construction for SHT and HAT
Portion Y	Utility Culvert Excavation

8.2 Environmental Monitoring Scheme for the Coming Month

8.2.1 The tentative schedule for environmental monitoring in October 2013 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 and 24- hour TSP, no Action and Limit Level exceedances were recorded at AMS 5 and AMS 6 during the reporting month.

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

9.1.4 For marine water quality monitoring undertaken during the reporting month, three Action Level exceedances of suspended solid level were recorded on 6, 16 and 18 September 2013. 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.

9.1.5 During the September'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.

9.1.6 Due to monthly variation in dolphin occurrence within the study area, it would be more appropriate to draw conclusion on whether any impacts on dolphins have been detected related to the construction activities of this project in the quarterly EM&A report, where comparison on distribution, group size and encounter rates of dolphins between the quarterly impact monitoring period (September - November 2013) and baseline monitoring period (3-month period) will be made.

9.1.7 Environmental site inspection was carried out on 3, 10, 18 and 27 September 2013. Recommendations on remedial actions were given to the Contractors for the deficiencies identified during the site inspections.

9.1.8 There were no complaints received during the reporting month. No notification of summons and prosecution was received during the reporting period.

FIGURES

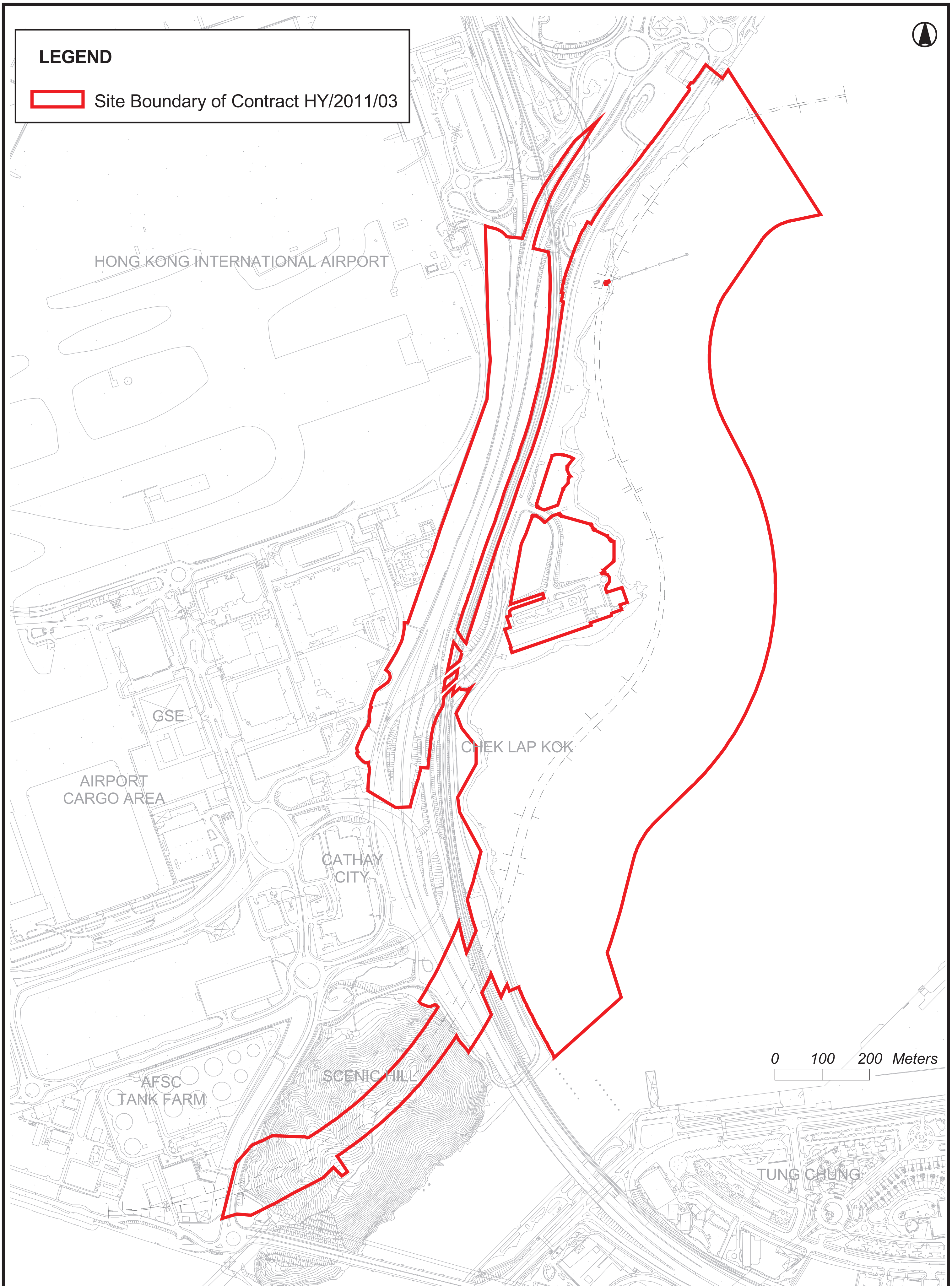
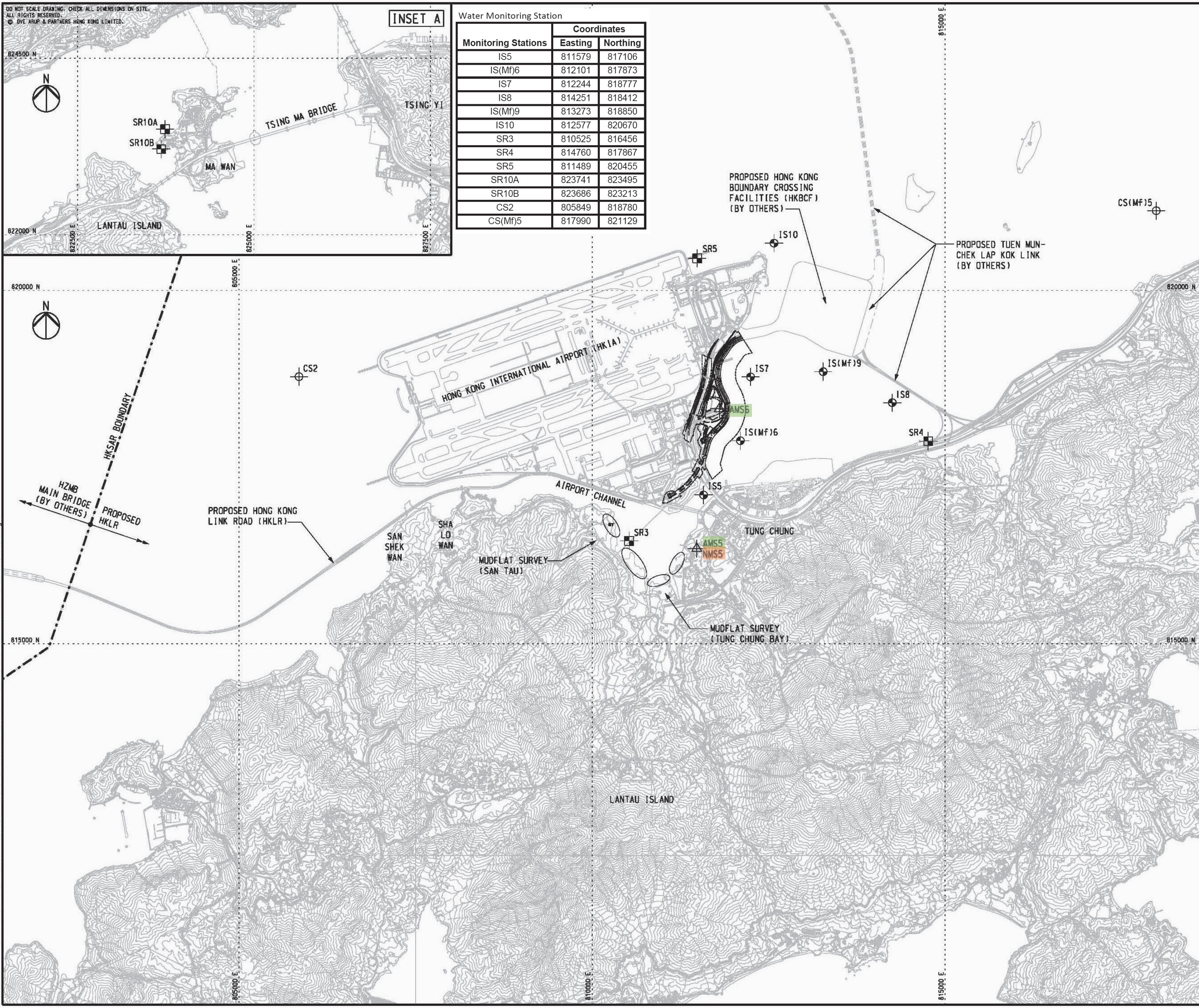
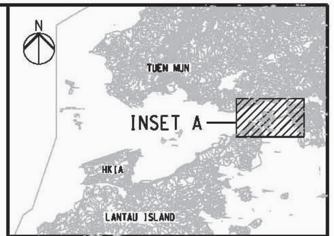


Figure 1.1 Location of the Site

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: Figure 2.1 | Rev. A

Drawn	Date	Checked	Approved
RY	11/11	AW	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

	EASTING	NORTHING
S1	810291.160	816678.727
S2	810958.272	815831.531
S3	810716.585	815953.308
S4	810291.160	816151.381
SR3	810508	816473

LEGEND:

- WORKS BOUNDARY
- SR3 WATER QUALITY MONITORING STATION
- SAMPLING ZONE
- S1 MEASUREMENT POINT SEDIMENTATION RATE

Rev	Description	By	Date

Supervising Officer: ARUP 奥雅納工程顧問 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 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:
MUDFLAT SURVEY AREAS

Drawing no.	FIGURE 6.1	Rev.	-
Drawn: ACL	Date: 26 SEP 2012	Checked: -	Approved: -
Scale @ A1: 1 : 7500		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

P:\CNHKA\Environment\Est1\ENV\PROJECT\ACL_Projects\4809 - HKLR ET Role\EP & EM&A Deliverables\Mudflat Survey\Figure\SK-600445_Rev01.dgn

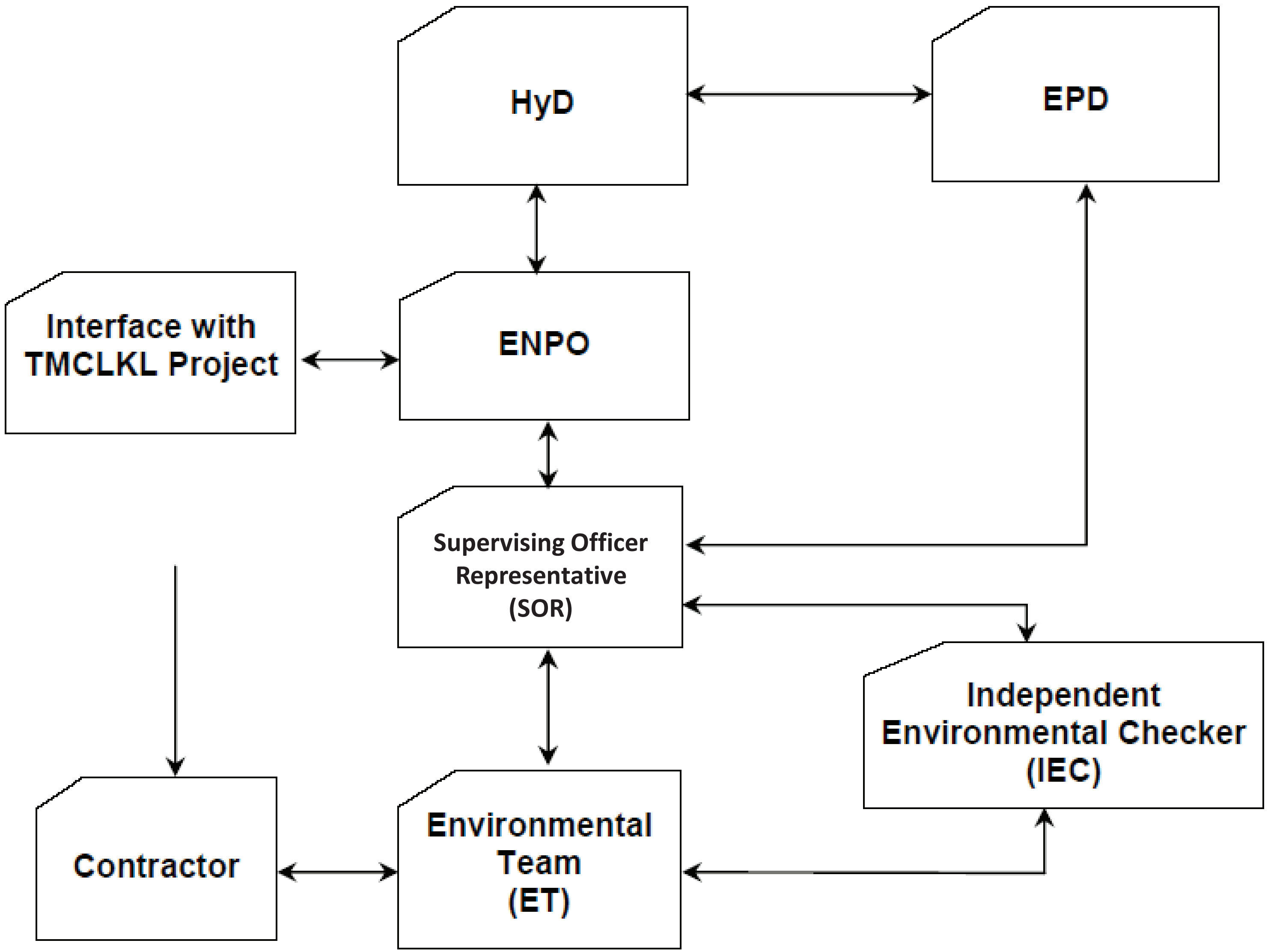
Time:

APPENDIX A

Environmental Management Structure

Project Organization for Environmental Works

Line of communication

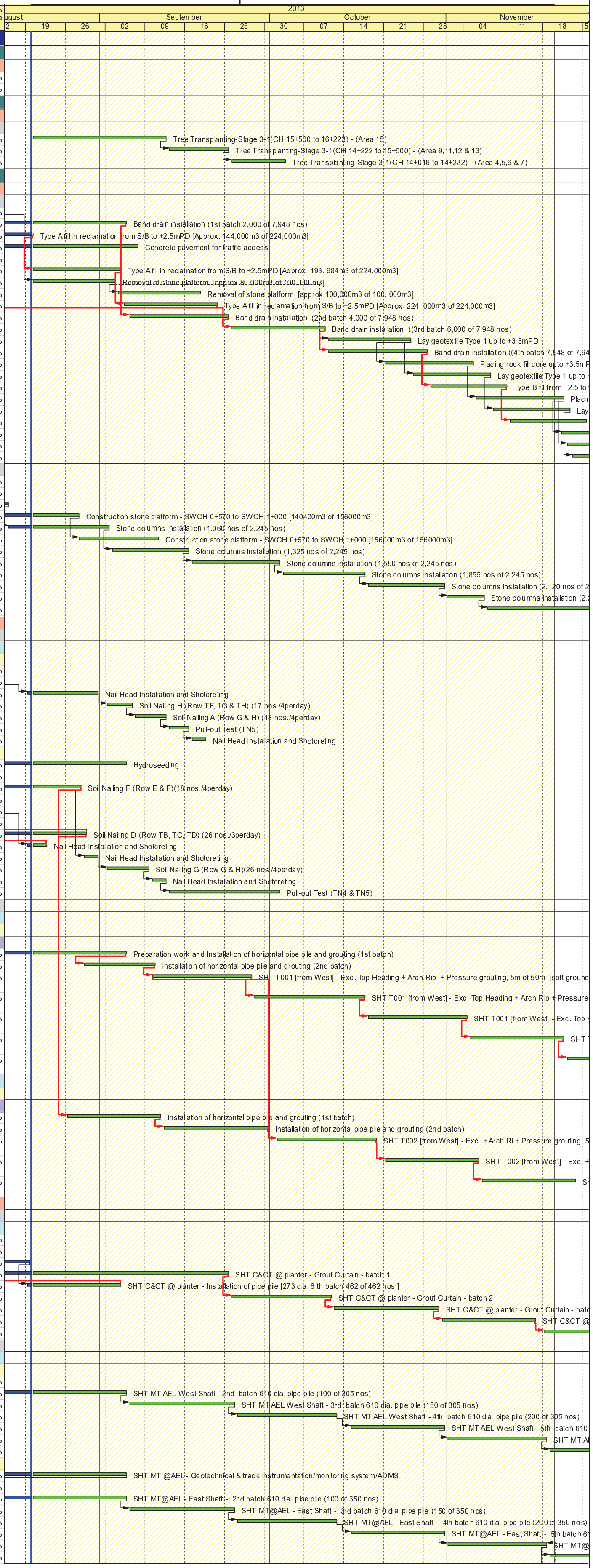


APPENDIX B

Construction Programme

FILE: 3M16 (Rev.00)	3-Months Rolling Programme (ER Part 5 & SCC 27(9))	Layout ZMB - Layout 2 (3M Rolling Prog)(3M16)
Sheet 1 of 3	(September 2013 to November 2013)	TASK filters: 3M16, HZMB No Level Effort.

Activity ID	Activity Name	Dur. (days)	Start	Finish	Activity % Complete
3 MONTHS PROGRAMME HY/2011/03 (SEP 2013 to NOV 2013)(Rev0) Working File					
KEY DATES (Commencement, Possessions, Completions and Handover)					
Contractors Possession					
POS130	Portion C - North area Interface w/ HY/2010/02 Contractor	0d	01-Aug-13 A		100%
POS140	Portion D1 - North area Interface w/ CE13/2010(CE) Contractor	0d	01-Aug-13 A		100%
PRELIMINARIES (Site Establishment, Submissions, Permits & Licenses, Procurement)					
Site Estabalishment & Initial Works					
Tree Survey, Tree Felling and Transplanting					
GPS1800	Tree Transplanting-Stage 3-1(CH 15+500 to 16+223) - (Area 15)	5d	21-Aug-13 A	12-Sep-13	9%
GPS1810	Tree Transplanting-Stage 3-1(CH 14+222 to 15+500) - (Area 9,11,12 & 13)	8d	13-Sep-13	23-Sep-13	0%
GPS1760	Tree Transplanting-Stage 3-1(CH 14+016 to 14+222) - (Area 4,5,6 & 7)	8d	24-Sep-13	03-Oct-13	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					
RSC1014-4	Removal of stone platform [approx 60,000m3 of 100, 000m3]	13d	08-Apr-13 A	07-Aug-13 A	100%
RSC1012-1	Band drain installation (1st batch 2,000 of 7,948 nos)	14d	28-May-13 A	05-Sep-13	83.6%
RSC1010-8	Type A fill in reclamation from S/B to +2.5mPD [Approx. 144,000m3 of 224,000m3]	14d	04-Jun-13 A	20-Aug-13	98%
RSC1022-5	Concrete pavement for traffic access	13d	17-Jun-13 A	07-Sep-13	50%
RSC1009-9	Stone columns installation [9th batch][2,546 nos of 2,546 nos]	12d	22-Jun-13 A	02-Aug-13 A	100%
RSC1010-9	Type A fill in reclamation from S/B to +2.5mPD [Approx. 193, 684m3 of 224,000m3]	14d	20-Aug-13	04-Sep-13	0%
RSC1014-5	Removal of stone platform [approx 80,000m3 of 100, 000m3]	13d	20-Aug-13	03-Sep-13	0%
RSC1014-6	Removal of stone platform [approx 100,000m3 of 100, 000m3]	13d	04-Sep-13	18-Sep-13	0%
RSC1010-10	Type A fill in reclamation from S/B to +2.5mPD [Approx. 224, 000m3 of 224,000m3]	14d	05-Sep-13	21-Sep-13	0%
RSC1012-2	Band drain installation (2nd batch 4,000 of 7,948 nos)	14d	06-Sep-13	23-Sep-13	0%
RSC1012-3	Band drain installation ((3rd batch 6,000 of 7,948 nos)	14d	24-Sep-13	10-Oct-13	0%
RSC1015-1	Lay geotextile Type 1 up to +3.5mPD	12d	11-Oct-13	25-Oct-13	0%
RSC1012-4	Band drain installation ((4th batch 7,948 of 7,948 nos)	14d	11-Oct-13	28-Oct-13	0%
RSC1016-1	Placing rock fill core upto +3.5mPD	14d	21-Oct-13	05-Nov-13	0%
RSC1015-2	Lay geotextile Type 1 up to +3.5mPD	12d	26-Oct-13	08-Nov-13	0%
RSC1013-1	Type B fill from +2.5 to formation	12d	29-Oct-13	11-Nov-13	0%
RSC1016-2	Placing rock fill core upto +3.5mPD	14d	06-Nov-13	21-Nov-13	0%
RSC1015-3	Lay geotextile Type 1 up to +3.5mPD	12d	09-Nov-13	22-Nov-13	0%
RSC1013-2	Type B fill from +2.5 to formation	12d	12-Nov-13	25-Nov-13	0%
RSC1017-1	Placing underlayer rock upto +3.5mPD	12d	21-Nov-13	04-Dec-13	0%
RSC1016-3	Placing rock fill core upto +3.5mPD	14d	22-Nov-13	07-Dec-13	0%
RSC1015-4	Lay geotextile Type 1 up to +3.5mPD	12d	23-Nov-13	06-Dec-13	0%
Reclamation Works - SWCH0+570 to SWCH 1+000					
RSC1075-2	Stone columns installation (530 nos of 2,245 nos)	12d	07-Jun-13 A	03-Aug-13 A	100%
RSC1071-4	Construction stone platform - SWCH 0+570 to SWCH 1+000 [124800m3 of 156000m3]	12d	05-Jul-13 A	05-Aug-13 A	100%
RSC1075-3	Stone columns installation (795 nos of 2,245nos)	12d	05-Aug-13 A	16-Aug-13 A	100%
RSC1071-5	Construction stone platform - SWCH 0+570 to SWCH 1+000 [140400m3 of 156000m3]	12d	06-Aug-13 A	28-Aug-13	40.6%
RSC1075-4	Stone columns installation (1,060 nos of 2,245 nos)	12d	16-Aug-13 A	02-Sep-13	63%
RSC1071-6	Construction stone platform - SWCH 0+570 to SWCH 1+000 [156000m3 of 156000m3]	12d	28-Aug-13	11-Sep-13	0%
RSC1075-5	Stone columns installation (1,325 nos of 2,245 nos)	12d	03-Sep-13	16-Sep-13	0%
RSC1075-6	Stone columns installation (1,590 nos of 2,245 nos)	12d	17-Sep-13	02-Oct-13	0%
RSC1075-7	Stone columns installation (1,855 nos of 2,245 nos)	12d	03-Oct-13	17-Oct-13	0%
RSC1075-8	Stone columns installation (2,120 nos of 2,245 nos)	12d	18-Oct-13	31-Oct-13	0%
RSC1075-9	Stone columns installation (2,245 nos of 2,245 nos)	6d	01-Nov-13	07-Nov-13	0%
RSC1078	Removal of stone platform	69d	08-Nov-13	30-Jan-14	0%
SHT Mined Tunnel Works at Scenic Hill, Ch 13+516 to 14+016 (500m)					
Mined Tunnel West Portal Works					
Site Formation					
Northwest Portion of Slope					
SHT9710	Excavation for 4th bench (200m3)	10d	02-May-13 A	31-Jul-13 A	100%
SHT9711	Soil Nailing C (Row TC, TD & TE) (26 nos./3perday) - Part 2	9d	17-Jul-13 A	30-Jul-13 A	100%
SHT9723	Nail Head Installation and Shotcreting	9d	19-Aug-13 A	31-Aug-13	50%
SHT9713	Soil Nailing H (Row TF, TG & TH) (17 nos./4perday)	5d	02-Sep-13	06-Sep-13	0%
SHT9712	Soil Nailing A (Row G & H) (18 nos./4perday)	5d	07-Sep-13	12-Sep-13	0%
SHT9709	Pull-out Test (TN5)	3d	13-Sep-13	16-Sep-13	0%
SHT9733	Nail Head Installation and Shotcreting	3d	17-Sep-13	19-Sep-13	0%
Southeast Portion of Slope					
SHT9734	Hydroseeding	15d	01-Feb-13 A	05-Sep-13	80%
SHT9727	Excavation 3rd bench (600m3)	3d	16-Mar-13 A	27-Jul-13 A	100%
SHT9830	Soil Nailing F (Row E & F)(18 nos./4perday)	5d	13-Jun-13 A	28-Aug-13	50%
SHT9729	Excavation 4th bench (300m3)	2d	24-Jun-13 A	31-Jul-13 A	100%
SHT9810	Soil Nailing E (Row JA, KA, LA) (30 nos./4perday) - Part 1	16d	06-Jul-13 A	31-Jul-13 A	100%
SHT9821	Soil Nailing E (Row JA, KA & LA) (33 nos./4perday) - Part 2	9d	08-Jul-13 A	05-Aug-13 A	100%
SHT9730	Soil Nailing D (Row TB, TC, TD) (26 nos./3perday)	9d	19-Jul-13 A	29-Aug-13	80%
SHT9820	Nail Head Installation and Shotcreting	3d	19-Aug-13 A	22-Aug-13	50%
SHT9840	Nail Head Installation and Shotcreting	3d	29-Aug-13	31-Aug-13	0%
SHT9841	Soil Nailing G (Row G & H)(26 nos./4perday)	7d	02-Sep-13	09-Sep-13	0%
SHT9842	Nail Head Installation and Shotcreting	3d	10-Sep-13	12-Sep-13	0%
SHT9822-2	Pull-out Test (TN4 & TN5)	15d	13-Sep-13	02-Oct-13	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)					
SHT9736-1	Preparation work and Installation of horizontal pipe pile and grouting (1st batch)	15d	26-Jun-13 A	05-Sep-13	60%
SHT9736-2	Installation of horizontal pipe pile and grouting (2nd batch)	11d	29-Aug-13	10-Sep-13	0%
SHT3010-1	SHT T001 [from West] - Exc. Top Heading + Arch Rib + Pressure grouting, 5m of 50m [soft ground & low rock cover]	15d	10-Sep-13	27-Sep-13	0%
SHT3010-2	SHT T001 [from West] - Exc. Top Heading + Arch Rib + Pressure grouting, 10m of 50m [soft ground & low rock cover]	15d	28-Sep-13	17-Oct-13	0%
SHT3010-3	SHT T001 [from West] - Exc. Top Heading + Arch Rib + Pressure grouting, 20m of 50m [soft ground & low rock cover]	15d	18-Oct-13	04-Nov-13	0%
SHT3010-4	SHT T001 [from West] - Exc. Top Heading + Arch Rib + Pressure grouting, 30m of 50m [soft ground & low rock cover]	15d	05-Nov-13	21-Nov-13	0%
SHT3010-5	SHT T001 [from West] - Exc. Top Heading + Arch Rib + Pressure grouting, 40m of 50m [soft ground & low rock cover]	30d	22-Nov-13	28-Dec-13	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)	15d	26-Aug-13	11-Sep-13	0%
SHT9736-4	Installation of horizontal pipe pile and grouting (2nd batch)	15d	12-Sep-13	30-Sep-13	0%
SHT6000-1	SHT T002 [from West] - Exc. + Arch Ri + Pressure grouting, 5m of 50m [soft ground & low rock cover]	15d	02-Oct-13	19-Oct-13	0%
SHT6000-2	SHT T002 [from West] - Exc. + Arch Ri + Pressure grouting, 10m of 50m [soft ground & low rock cover]	15d	21-Oct-13	06-Nov-13	0%
SHT6000-3	SHT T002 [from West] - Exc. + Arch Ri + Pressure grouting, 45m of 50m [soft ground & low rock cover]	15d	07-Nov-13	23-Nov-13	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	SHT C&CT @ planter - Installation of pipe pile [273 dia. 3rd batch 210 of 462 nos.]	14d	18-Jul-13 A	26-Jul-13 A	100%
SHT1084	SHT C&CT @ planter - Installation of pipe pile [273 dia. 4 th batch 300 of 462 nos.]	14d	26-Jul-13 A	07-Aug-13 A	100%
SHT1085	SHT C&CT @ planter - Installation of pipe pile [273 dia. 5 th batch 380 of 462 nos.]	14d	07-Aug-13 A	19-Aug-13 A	100%
SHT1087-1	SHT C&CT @ planter - Grout Curtain - batch 1	15d	14-Aug-13 A	23-Sep-13	10%
SHT1086	SHT C&CT @ planter - Installation of pipe pile [273 dia. 6 th batch 462 of 462 nos.]	14d	19-Aug-13 A	04-Sep-13	10%
SHT1087-2	SHT C&CT @ planter - Grout Curtain - batch 2	15d	24-Sep-13	11-Oct-13	0%
SHT1087-3	SHT C&CT @ planter - Grout Curtain - batch 3	15d	12-Oct-13	30-Oct-13	0%
SHT1088-1	SHT C&CT @ planter - Utilities Support Structure [Cross Beam]	15d	31-Oct-13	16-Nov-13	0%
SHT1088-2	SHT C&CT @ planter - Utilities Support Structure [Supporting Beam]	15d	18-Nov-13	04-Dec-13	0%
Mined Tunnel Underneath AEL Ch 14+128 to Ch 14+175					
Civil & Structurals Works					
SHT MT - ELS for AEL West Shaft					
SHT1822-1	SHT MT AEL West Shaft - 1st batch 610 dia. pipe pile (50 of 305 nos)	15d	29-Jun-13 A	02-Aug-13 A	100%
SHT1822-2	SHT MT AEL West Shaft - 2nd batch 610 dia. pipe pile (100 of 305 nos)	15d	02-Aug-13 A	05-Sep-13	52%
SHT1822-3	SHT MT AEL West Shaft - 3rd batch 610 dia. pipe pile (150 of 305 nos)	15d	06-Sep-13	24-Sep-13	0%
SHT1822-4	SHT MT AEL West Shaft - 4th batch 610 dia. pipe pile (200 of 305 nos)	15d	25-Sep-13	12-Oct-13	0%
SHT1822-5	SHT MT AEL West Shaft - 5th batch 610 dia. pipe pile (250 of 305 nos)	15d	15-Oct-13	31-Oct-13	0%
SHT1822-6	SHT MT AEL West Shaft - 6th batch 610 dia. pipe pile (305 of 305 nos)	15d	01-Nov-13	18-Nov-13	0%
SHT1834	SHT MT AEL West Shaft - Grout Curtain	15d	19-Nov-13	05-Dec-13	0%
SHT MT - ELS for AEL East Shaft					
SHT1862	SHT MT @AEL - Geotechnical & track instrumentation/monitoring system/ADMS	21d	23-Jan-13 A	05-Sep-13	75%
SHT1902	SHT MT@AEL - East Shaft - 1st batch 610 dia. pipe pile (50 of 350 nos)	12d	27-Jun-13 A	09-Aug-13 A	100%
SHT1903	SHT MT@AEL - East Shaft - 2nd batch 610 dia. pipe pile (100 of 350 nos)	15d	09-Aug-13 A	05-Sep-13	56%
SHT1904	SHT MT@AEL - East Shaft - 3rd batch 610 dia. pipe pile (150 of 350 nos)	15d	06-Sep-13	24-Sep-13	0%
SHT1905	SHT MT@AEL - East Shaft - 4th batch 610 dia. pipe pile (200 of 350 nos)	15d	25-Sep-13	12-Oct-13	0%
SHT1906	SHT MT@AEL - East Shaft - 5th batch 610 dia. pipe pile (250 of 350 nos)	15d	15-Oct-13	31-Oct-13	0%
SHT1907	SHT MT@AEL - East Shaft - 6th batch 610 dia. pipe pile (300 of 350 nos)	15d	01-Nov-13	18-Nov-13	0%
SHT1908-1	SHT MT@AEL - East Shaft - Grout Curtain - batch 1	15d	19-Nov-13	05-Dec-13	0%



Works Programme
Works Programme
Works Programme
Milestone
Milestone

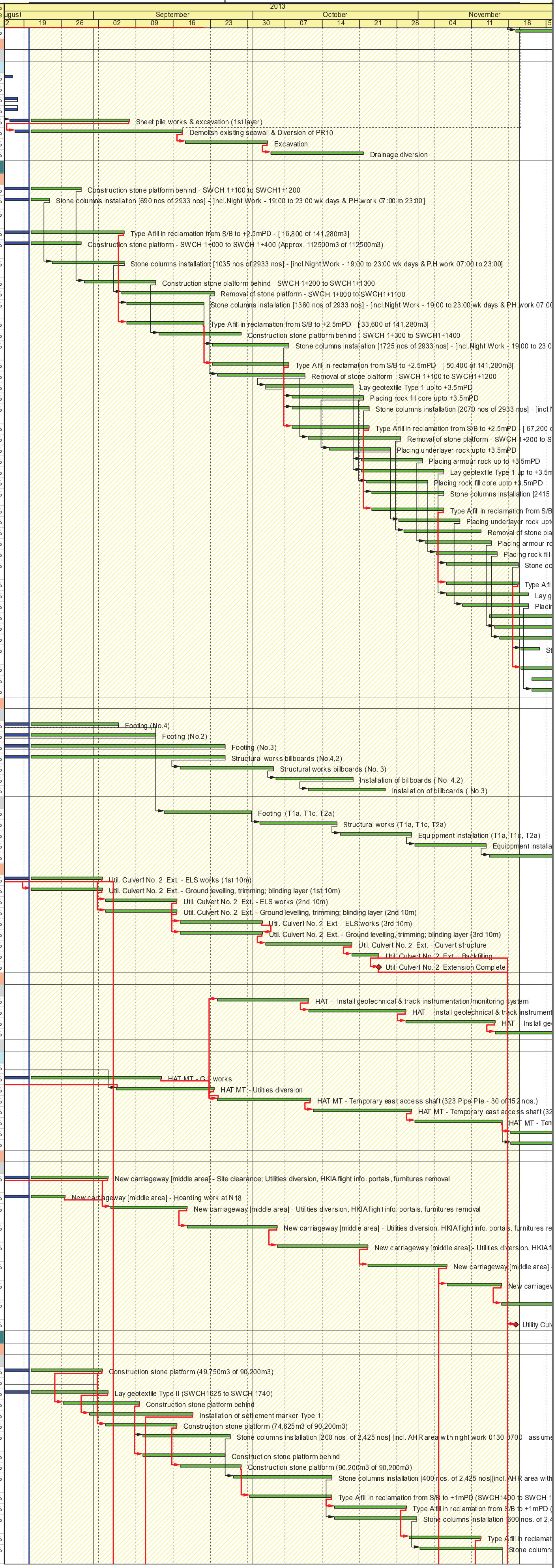
China State Construction Engineering (Hong Kong) Ltd -
Contract No. HY/2011/03 - HZMB, Hong Kong Link Road
, Section between Scenic Hill and HKBCF

Prepared by WC/CKK			
Date	Revision	Che...	Approved
27-Aug-...		HKC	SYT

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

FILE: 3M16 (Rev.00) Sheet 2 of 3	3-Months Rolling Programme (ER Part 5 & SCC 27(9)) (September 2013 to November 2013)	Layout ZMB - Layout 2 (3M Rolling Prog)(3M16) TASK filters: 3M16, HZMB No Level Effort.

Activity ID	Activity Name	Dur. (days)	Start	Finish	Activity % Complete
SHT1917	SHT MT@AEL - East Shaft - 6th batch 610 dia. pipe pile (350 of 350 nos)	15d	19-Nov-13	05-Dec-13	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					
BC1019	Sheet pile works & excavation [Land side]	14d	05-Feb-13 A	16-Aug-13 A	100%
BC1021	Traffic deck installation	14d	19-Jul-13 A	06-Aug-13 A	100%
BC1023	Divert East KLW Rd to traffic deck	1d	01-Aug-13 A	17-Aug-13 A	100%
BC1022	Breakup existing pavement	3d	07-Aug-13 A	17-Aug-13 A	100%
BC1024	Sheet pile works & excavation (1st layer)	12d	16-Aug-13 A	07-Sep-13	20%
BC1026	Demolish existing seawall & Diversion of PR10	14d	17-Aug-13 A	17-Sep-13	20%
BC1240	Excavation	12d	18-Sep-13	03-Oct-13	0%
BC1030	Drainage diversion	14d	04-Oct-13	21-Oct-13	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)					
RSC1042-2	Construction stone platform behind - SWCH 1+100 to SWCH1+1200	12d	17-Apr-13 A	29-Aug-13	65%
RSC1044-2	Stone columns installation [690 nos of 2933 nos] - [incl.Night Work - 19:00 to 23:00 wk	12d	11-Jul-13 A	23-Aug-13	45%
RSC1040-8	Construction stone platform - SWCH 1+000 to SWCH 1+400 (Approx. 100000m3 of 112500m3)	9d	24-Jul-13 A	03-Aug-13 A	100%
RSC1041-1	Type A fill in reclamation from S/B to +2.5mPD - [16,800 of 141,280m3]	12d	30-Jul-13 A	06-Sep-13	90.7%
RSC1040-9	Construction stone platform - SWCH 1+000 to SWCH 1+400 (Approx. 112500m3 of 112500m3)	9d	05-Aug-13 A	29-Aug-13	66%
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	24-Aug-13	06-Sep-13	0%
RSC1042-3	Construction stone platform behind - SWCH 1+200 to SWCH1+1300	12d	30-Aug-13	12-Sep-13	0%
RSC1047-1	Removal of stone platform - SWCH 1+000 to SWCH1+1100	14d	06-Sep-13	23-Sep-13	0%
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	07-Sep-13	21-Sep-13	0%
RSC1041-2	Type A fill in reclamation from S/B to +2.5mPD - [33,600 of 141,280m3]	12d	07-Sep-13	21-Sep-13	0%
RSC1042-4	Construction stone platform behind - SWCH 1+300 to SWCH1+1400	13d	13-Sep-13	28-Sep-13	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	23-Sep-13	07-Oct-13	0%
RSC1041-3	Type A fill in reclamation from S/B to +2.5mPD - [50,400 of 141,280m3]	12d	23-Sep-13	07-Oct-13	0%
RSC1047-2	Removal of stone platform - SWCH 1+100 to SWCH1+1200	14d	24-Sep-13	10-Oct-13	0%
RSC1048-1	Lay geotextile Type 1 up to +3.5mPD	14d	03-Oct-13	19-Oct-13	0%
RSC1049-1	Placing rock fill core upto +3.5mPD	11d	08-Oct-13	21-Oct-13	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	08-Oct-13	22-Oct-13	0%
RSC1041-4	Type A fill in reclamation from S/B to +2.5mPD - [67,200 of 141,280m3]	12d	08-Oct-13	22-Oct-13	0%
RSC1047-3	Removal of stone platform - SWCH 1+200 to SWCH1+1300	14d	11-Oct-13	28-Oct-13	0%
RSC1050-1	Placing underlayer rock upto +3.5mPD	11d	15-Oct-13	26-Oct-13	0%
RSC1051-1	Placing armour rock up to +3.5mPD	11d	21-Oct-13	01-Nov-13	0%
RSC1048-2	Lay geotextile Type 1 up to +3.5mPD	14d	21-Oct-13	05-Nov-13	0%
RSC1049-2	Placing rock fill core upto +3.5mPD	11d	22-Oct-13	02-Nov-13	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	23-Oct-13	05-Nov-13	0%
RSC1041-5	Type A fill in reclamation from S/B to +2.5mPD - [84,000 of 141,280m3]	12d	23-Oct-13	05-Nov-13	0%
RSC1050-2	Placing underlayer rock upto +3.5mPD	11d	28-Oct-13	08-Nov-13	0%
RSC1047-4	Removal of stone platform - SWCH 1+300 to SWCH1+1400	13d	29-Oct-13	12-Nov-13	0%
RSC1051-2	Placing armour rock up to +3.5mPD	11d	02-Nov-13	14-Nov-13	0%
RSC1049-3	Placing rock fill core upto +3.5mPD	11d	04-Nov-13	15-Nov-13	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	06-Nov-13	19-Nov-13	0%
RSC1041-6	Type A fill in reclamation from S/B to +2.5mPD - [100,800 of 141,280m3]	12d	06-Nov-13	19-Nov-13	0%
RSC1048-3	Lay geotextile Type 1 up to +3.5mPD	14d	06-Nov-13	21-Nov-13	0%
RSC1050-3	Placing underlayer rock upto +3.5mPD	11d	09-Nov-13	21-Nov-13	0%
RSC1064-1	Placing under layer rock from +3.5mPD to Top	14d	14-Nov-13	29-Nov-13	0%
RSC1051-3	Placing armour rock up to +3.5mPD	11d	15-Nov-13	27-Nov-13	0%
RSC1049-4	Placing rock fill core upto +3.5mPD	12d	16-Nov-13	29-Nov-13	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	20-Nov-13	23-Nov-13	0%
RSC1041-7	Type A fill in reclamation from S/B to +2.5mPD - [117,600 of 141,280m3]	12d	20-Nov-13	03-Dec-13	0%
RSC1065-1	Placing armonr rock from +3.5mPD to Top	13d	22-Nov-13	06-Dec-13	0%
RSC1050-4	Placing underlayer rock upto +3.5mPD	12d	22-Nov-13	05-Dec-13	0%
Flight Information Signs (PARDS) & Billboards- Reprovisioning Works					
Relocation of Billboards					
PARDS200	Footing (No.4)	16d	19-Apr-13 A	05-Sep-13	35%
PARDS202	Footing (No.2)	14d	06-May-13 A	12-Sep-13	35%
PARDS201	Footing (No.3)	10d	03-Jun-13 A	25-Sep-13	15%
PARDS210	Structural works billboards (No.4,2)	14d	18-Jun-13 A	25-Sep-13	15%
PARDS211	Structural works billboards (No. 3)	14d	17-Sep-13	04-Oct-13	0%
PARDS220	Installation of billboards (No. 4,2)	12d	05-Oct-13	19-Oct-13	0%
PARDS230	Installation of billboards (No.3)	12d	11-Oct-13	25-Oct-13	0%
PARDS - Construction T1a, T1c, T2a					
PARDS100	Footing (T1a, T1c, T2a)	13d	14-Sep-13	30-Sep-13	0%
PARDS101	Structural works (T1a, T1c, T2a)	12d	02-Oct-13	16-Oct-13	0%
PARDS110	Equippment installation (T1a, T1c, T2a)	12d	17-Oct-13	30-Oct-13	0%
PARDS111	Equippment installation (T1a, T1c, T2a)	12d	31-Oct-13	13-Nov-13	0%
PARDS120	Testing and Commissioning	12d	14-Nov-13	27-Nov-13	0%
Utility Culvert No. 2 Ext. near Bridge A2 [30m Approx.]					
UC2.1010	Util. Culvert No. 2 Ext. - ELS works (1st 10m)	12d	10-Jul-13 A	02-Sep-13	25%
UC2.1020	Util. Culvert No. 2 Ext. - Ground levelling, trimming; blinding layer (1st 10m)	12d	20-Aug-13	02-Sep-13	0%
UC2.1011	Util. Culvert No. 2 Ext. - ELS works (2nd 10m)	12d	03-Sep-13	16-Sep-13	0%
UC2.1021	Util. Culvert No. 2 Ext. - Ground levelling, trimming; blinding layer (2nd 10m)	12d	03-Sep-13	16-Sep-13	0%
UC2.1012	Util. Culvert No. 2 Ext. - ELS works (3rd 10m)	12d	17-Sep-13	02-Oct-13	0%
UC2.1022	Util. Culvert No. 2 Ext. - Ground levelling, trimming; blinding layer (3rd 10m)	12d	17-Sep-13	02-Oct-13	0%
UC2.1030	Util. Culvert No. 2 Ext. - Culvert structure	14d	03-Oct-13	19-Oct-13	0%
UC2.1040	Util. Culvert No. 2 Ext. - Backfilling	4d	19-Oct-13	24-Oct-13	0%
UC2.1050	Util. Culvert No. 2 Extension Complete	0d		24-Oct-13	0%
Works in HAT Tunnel (Mined Tunnel and West CCT w/ Emergency Pedestrian Passage					
Initial Works					
HAT1590	HAT - Install geotechnical & track instrumentation/monitoring system	14d	24-Sep-13	11-Oct-13	0%
HAT1591	HAT - Install geotechnical & track instrumentation/monitoring system	14d	11-Oct-13	29-Oct-13	0%
HAT1592	HAT - Install geotechnical & track instrumentation/monitoring system	14d	29-Oct-13	15-Nov-13	0%
HAT1593	HAT - Install geotechnical & track instrumentation/monitoring system	15d	15-Nov-13	03-Dec-13	0%
Mined Tunnel for HAT underneath AEL & at East Coast Road [97m Approx.]					
Utilities Diversion, SI Works and Temp. Access Shaft					
HAT1558	HAT Area - utilities detection	14d	08-May-13 A	05-Aug-13 A	100%
HAT1560	HAT MT - G.I. works	15d	05-Jun-13 A	13-Sep-13	70%
HAT1550	HAT MT - Utilties diversion	15d	05-Sep-13*	23-Sep-13	0%
HAT1570	HAT MT - Temporary east access shaft (323 Pipe Pile - 30 of 152 nos.)	15d	24-Sep-13	11-Oct-13	0%
HAT1571	HAT MT - Temporary east access shaft (323 Pipe Pile - 60 of 152 nos.)	15d	12-Oct-13	30-Oct-13	0%
HAT1572	HAT MT - Temporary east access shaft (323 Pipe Pile - 90 of 152 nos.)	15d	31-Oct-13	16-Nov-13	0%
HAT1575	HAT MT - Temporary east access shaft;(Grout Curtain)	15d	18-Nov-13	04-Dec-13	0%
HAT1573	HAT MT - Temporary east access shaft (323 Pipe Pile - 120 of 152 nos.)	15d	18-Nov-13	04-Dec-13	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	13d	20-Dec-12 A	03-Sep-13	5%
NCW1039	New carriageway [middle area] - Hoarding work at N18	10d	08-May-13 A	26-Aug-13	90%
NCW1041	New carriageway [middle area] - Utilities diversion, HKIA flight info. portals, furnitures removal	13d	04-Sep-13	18-Sep-13	0%
NCW1042	New carriageway [middle area] - Utilities diversion, HKIA flight info. portals, furnitures removal	13d	18-Sep-13	05-Oct-13	0%
NCW1043	New carriageway [middle area] - Utilities diversion, HKIA flight info. portals, furnitures removal	13d	05-Oct-13	22-Oct-13	0%
NCW1044	New carriageway [middle area] - Utilities diversion, HKIA flight info. portals, furnitures removal	13d	22-Oct-13	06-Nov-13	0%
NCW1045	New carriageway [middle area] - Utilities diversion, HKIA flight info. portals, furnitures removal	10d	06-Nov-13	16-Nov-13	0%
NCW1046	New carriageway [middle area] - Utilities diversion, HKIA flight info. portals, furnitures removal	13d	16-Nov-13	02-Dec-13	0%
NCW1050	Utility Culvert No. 1 & 2 extension Complete	0d		19-Nov-13	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)	12d	21-Jun-13 A	02-Sep-13	8.5%
RSC1103-2	Lay geotextile Type II (SWCH1740 to SWCH 1850)	13d	27-Jul-13 A	09-Aug-13 A	100%
RSC1103-1	Lay geotextile Type II (SWCH1625 to SWCH 1740)	13d	10-Aug-13 A	03-Sep-13	0%
RSC1108-1	Construction stone platform behind	13d	26-Aug-13	09-Sep-13	0%
RSC1104	Installation of settlement marker Type 1	17d	31-Aug-13	19-Sep-13	0%
RSC1106-3	Construction stone platform (74,625m3 of 90,200m3)	12d	03-Sep-13	16-Sep-13	0%
RSC1110-1	Stone columns installation [200 nos. of 2,425 nos] [incl. AHR area with night work 0130-0700 - assumed 4nights/wk]	14d	10-Sep-13	26-Sep-13	0%
RSC1108-2	Construction stone platform behind	13d	10-Sep-13	25-Sep-13	0%
RSC1106-4	Construction stone platform (90,200m3 of 90,200m3)	10d	17-Sep-13	28-Sep-13	0%
RSC1110-2	Stone columns installation [400 nos. of 2,425 nos][incl. AHR area with night work 0130-0700 - assumed 4nights/wk]	14d	27-Sep-13	15-Oct-13	0%
RSC1107-1	Type A fill in reclamation from S/B to +1mPD (SWCH1400 to SWCH 1475)	12d	30-Sep-13	15-Oct-13	0%
RSC1107-2	Type A fill in reclamation from S/B to +1mPD (SWCH1475 to SWCH 1550)	12d	16-Oct-13	29-Oct-13	0%
RSC1110-3	Stone columns installation [600 nos. of 2,425 nos][incl. AHR area with night work 0130-0700 - assumed 4nights/wk]	14d	16-Oct-13	31-Oct-13	0%
RSC1107-3	Type A fill in reclamation from S/B to +1mPD (SWCH1550 to SWCH 1625)	12d	30-Oct-13	12-Nov-13	0%
RSC1110-4	Stone columns installation [800 nos. of 2,425 nos][incl. AHR area with night work 0130-0700 - assumed 4nights/wk]	14d	01-Nov-13	16-Nov-13	0%



FILE: 3M16 (Rev.00)

Sheet 3 of 3

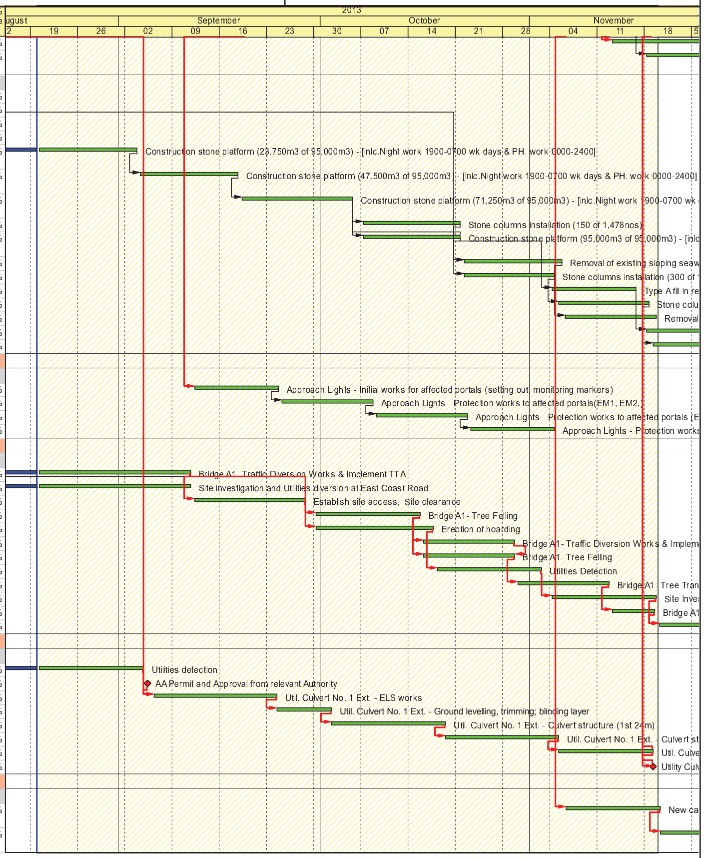
3-Months Rolling Programme (ER Part 5 & SCC 27(9))

(September 2013 to November 2013)

Layout ZMB - Layout 2 (3M Rolling Prog)(3M16)

TASK filters: 3M16, HZMB No Level Effort.

Activity ID	Activity Name	Dur. (days)	Start	Finish	Activity % Complete
RSC1107-4	Type A fill in reclamation from S/B to +1mPD (SWCH1625 to SWCH 1700)	13d	13-Nov-13	27-Nov-13	0%
RSC1110-5	Stone columns installation [1,000 nos. of 2,425 nos][incl. AHR area with night work 0130-0700 - assumed 4nights/wk]	14d	18-Nov-13	03-Dec-13	0%
Portion C & D1 From SWCH1850 to 2070 (AHR 17.5 to 20mPD)					
RSC1127	Initial survey	2d	27-Jul-13 A	09-Aug-13 A	100%
RSC1128	Installation of silt curtain & site boundary buoys	5d	27-Jul-13 A	09-Aug-13 A	100%
RSC1131	Lay geotextile Type II	14d	27-Jul-13 A	09-Aug-13 A	100%
RSC1126	BCF handover Portion C & D1	0d	01-Aug-13 A		100%
RSC1133-1	Construction stone platform (23,750m3 of 95,000m3) - [inlc.Night work 1900-0700 wk days & PH. work 0000-2400]	13d	02-Aug-13 A	03-Sep-13	15%
RSC1133-2	Construction stone platform (47,500m3 of 95,000m3) - [inlc.Night work 1900-0700 wk days & PH. work 0000-2400]	13d	04-Sep-13	18-Sep-13	0%
RSC1133-3	Construction stone platform (71,250m3 of 95,000m3) - [inlc.Night work 1900-0700 wk days & PH. work 0000-2400]	13d	19-Sep-13	05-Oct-13	0%
RSC1136-1	Stone columns installation (150 of 1,478nos)	12d	07-Oct-13	21-Oct-13	0%
RSC1133-4	Construction stone platform (95,000m3 of 95,000m3) - [inlc.Night work 1900-0700 wk days & PH. work 0000-2400]	12d	07-Oct-13	21-Oct-13	0%
RSC1130-1	Removal of existing sloping seawall armour rock (1st batch)	13d	22-Oct-13	05-Nov-13	0%
RSC1136-2	Stone columns installation (300 of 1,478nos)	12d	22-Oct-13	04-Nov-13	0%
RSC1134-1	Type A fill in reclamation from S/B to +1mPD SWCH1+830 to SWCH1+890	12d	04-Nov-13	16-Nov-13	0%
RSC1136-3	Stone columns installation (450 of 1,478nos)	12d	05-Nov-13	18-Nov-13	0%
RSC1130-2	Removal of existing sloping seawall armour rock (Without Details) (2nd batch)	12d	06-Nov-13	19-Nov-13	0%
RSC1134-2	Type A fill in reclamation from S/B to +1mPD SWCH1+890 to SWCH1+950	13d	18-Nov-13	02-Dec-13	0%
RSC1136-4	Stone columns installation (600 of 1,478nos)	12d	19-Nov-13	02-Dec-13	0%
Reprovisioning Works					
Protection Works to Existing Approach Lights & Weather Station					
RSC1105-1	Approach Lights - Initial works for affected portals (setting out, monitoring markers)	10d	12-Sep-13	24-Sep-13	0%
RSC1105-2	Approach Lights - Protection works to affected portals(EM1, EM2,)	11d	25-Sep-13	08-Oct-13	0%
RSC1105-3	Approach Lights - Protection works to affected portals (EM3, EM4)	11d	09-Oct-13	22-Oct-13	0%
RSC1105-4	Approach Lights - Protection works to affected portals (EM5)	11d	23-Oct-13	04-Nov-13	0%
Works in Bridge A1 & Depressed Road					
Bridge A1 - Initial Works and SI Works					
BA1.1350	Bridge A1 - Traffic Diversion Works & Implement TTA	12d	18-Jan-13 A	11-Sep-13	20%
BA1.1360	Site investigation and Utilities diversion at East Coast Road	14d	04-Jun-13 A	11-Sep-13	20%
BA1.1412	Establish site access, Site clearance	14d	12-Sep-13	28-Sep-13	0%
BA1.1370	Bridge A1 - Tree Felling	12d	30-Sep-13	15-Oct-13	0%
BA1.1414	Erection of hoarding	14d	30-Sep-13	17-Oct-13	0%
BA1.1351	Bridge A1 - Traffic Diversion Works & Implement TTA	12d	16-Oct-13	29-Oct-13	0%
BA1.1371	Bridge A1 - Tree Felling	12d	16-Oct-13	29-Oct-13	0%
BA1.1416	Utilities Detection	14d	18-Oct-13	02-Nov-13	0%
BA1.1372	Bridge A1 - Tree Transplanting	12d	30-Oct-13	12-Nov-13	0%
BA1.1418	Site Investigation	14d	04-Nov-13	19-Nov-13	0%
BA1.1373	Bridge A1 - Tree Transplanting	6d	13-Nov-13	19-Nov-13	0%
BA1.1000	Bridge A1 South Abut. & Ramp - Pre-drilling works	14d	20-Nov-13	05-Dec-13	0%
Utility Culvert No.1					
Utility Culvert No. 1 Ext. across the road leading to Cheong Hong Road [48m Approx.]					
UC1.1066	Utilities detection	14d	20-May-13 A	04-Sep-13	70%
UC1.1169	AA Permit and Approval from relevant Authority	0d	05-Sep-13*		0%
UC1.1070	Util. Culvert No. 1 Ext. - ELS works	14d	06-Sep-13	24-Sep-13	0%
UC1.1080	Util. Culvert No. 1 Ext. - Ground levelling, trimming; blinding layer	6d	24-Sep-13	02-Oct-13	0%
UC1.1090	Util. Culvert No. 1 Ext. - Culvert structure (1st 24m)	14d	02-Oct-13	19-Oct-13	0%
UC1.1091	Util. Culvert No. 1 Ext. - Culvert structure (2nd 24m)	14d	19-Oct-13	05-Nov-13	0%
UC1.1100	Util. Culvert No. 1 Ext. - Backfilling	12d	05-Nov-13	19-Nov-13	0%
UC1.1110	Utility Culvert No. 1 Extension Complete	0d		19-Nov-13	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	06-Nov-13	20-Nov-13	0%
NCW1141	New carriageway [north area] - Site clearance; HKIA flight info. portals, service utilities, furnitures removal	12d	20-Nov-13	04-Dec-13	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
輝創工程有限公司 – 校正及檢測實驗所
c/o 香港新界屯門興安里一號青山灣機樓四樓
Tel/電話: 2927 2606 Fax/傳真: 2744 8986 E-mail/電郵: callab@suncreation.com Website/網址: www.suncreation.com

Certificate of Calibration
校正證書

Certificate No. : 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

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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.

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

Certificate No. : C126606
證書編號

ITEM TESTED / 送檢項目 (Job No. / 序引編號 : IC12-2838)

Description / 儀器名稱	:	Integrating Sound Level Meter
Manufacturer / 製造商	:	Brüel & Kjær
Model No. / 型號	:	2238
Serial No. / 編號	:	2684502
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 : 15 November 2012

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 Precision Measurement Ltd., UK
- Fluke Everett Service Center, USA
- Agilent Technologies, USA

Tested By
測試 : K C Lee

Certified By
核證 : C C Cheung

Date of Issue
簽發日期 : 15 November 2012

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

Certificate No. : C126606
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	C120016
CL281	Multifunction Acoustic Calibrator	DC110233

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	94.1

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 of Calibration
校正證書

Certificate No. : C126606
證書編號

6.2 Time Weighting

6.2.1 Continuous Signal

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

6.2.2 Tone Burst Signal (2 kHz)

UUT Setting				Applied Value		UUT	IEC 60651
Range (dB)	Parameter	Frequency Weighting	Time Weighting	Level (dB)	Burst Duration	Reading (dB)	Type 1 Spec. (dB)
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	IEC 60651
Range (dB)	Parameter	Frequency Weighting	Time Weighting	Level (dB)	Freq.	Reading (dB)	Type 1 Spec. (dB)
50 - 130	L_{AFP}	A	F	94.00	31.5 Hz	54.8	-39.4 ± 1.5
					63 Hz	67.9	-26.2 ± 1.5
					125 Hz	77.8	-16.1 ± 1.0
					250 Hz	85.4	-8.6 ± 1.0
					500 Hz	90.8	-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	89.9	-4.3 (+3.0 ; -6.0)

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Certificate of Calibration
校正證書

Certificate No. : C126606
證書編號

6.3.2 C-Weighting

UUT Setting				Applied Value		UUT	IEC 60651
Range (dB)	Parameter	Frequency Weighting	Time Weighting	Level (dB)	Freq.	Reading (dB)	Type 1 Spec. (dB)
50 - 130	L_{CFP}	C	F	94.00	31.5 Hz	91.3	-3.0 ± 1.5
					63 Hz	93.3	-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	91.1	-3.0 (+1.5 ; -3.0)
					12.5 kHz	88.0	-6.2 (+3.0 ; -6.0)

6.4 Time Averaging

UUT Setting				Applied Value					UUT	IEC 60804
Range (dB)	Parameter	Frequency Weighting	Integrating Time	Frequency (kHz)	Burst Duration (ms)	Burst Duty Factor	Burst Level (dB)	Equivalent Level (dB)	Reading (dB)	Type 1 Spec. (dB)
30 - 110	L_{Aeq}	A	10 sec.	4	1	1/10	110.0	100	99.9	± 0.5
						$1/10^2$		90	89.9	± 0.5
			60 sec.			$1/10^3$		80	79.7	± 1.0
			5 min.			$1/10^4$		70	69.7	± 1.0

Remarks : - 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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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
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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 of Calibration
校正證書

Certificate No. : C135382
證書編號

6.2 Time Weighting

6.2.1 Continuous Signal

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

6.2.2 Tone Burst Signal (2 kHz)

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

6.3 Frequency Weighting

6.3.1 A-Weighting

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

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Certificate of Calibration
校正證書

Certificate No. : C135382
證書編號

6.3.2 C-Weighting

UUT Setting				Applied Value		UUT	IEC 60651
Range (dB)	Parameter	Frequency Weighting	Time Weighting	Level (dB)	Freq.	Reading (dB)	Type 1 Spec. (dB)
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	IEC 60804
Range (dB)	Parameter	Frequency Weighting	Integrating Time	Frequency (kHz)	Burst Duration (ms)	Burst Duty Factor	Burst Level (dB)	Equivalent Level (dB)	Reading (dB)	Type 1 Spec. (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	:	**26/07/2013**

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)	:	**1005**
Ta(K)	:	**300**

Resistance Plate		dH [green liquid] (inch water)	Z	X=Qstd (cubic meter/min)	IC	Y
1	18 holes	10.8	3.262	1.574	63	62.5
2	13 holes	8.5	2.894	1.398	54	53.6
3	10 holes	6.4	2.511	1.215	46	45.7
4	7 holes	4.5	2.106	1.021	38	37.7
5	5 holes	2.7	1.631	0.794	27	26.8

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

Sampler Calibration Relationship

Slope(m):45.092 Intercept(b): -8.846 Correlation Coefficient(r): 0.9994

Checked by: Magnum Fan **Date: 29/07/2013**

ENVIROTECH SERVICES CO.

High-Volume TSP Sampler
5-Point Calibration Record

Location : AMS5(Ma Wan Chung Village)
Calibrated by : K.F.Ho
Date : 20/09/2013

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) : 1008
Ta(K) : 302

Resistance Plate		dH [green liquid] (inch water)	Z	X=Qstd (cubic meter/min)	IC	Y
1	18 holes	10.8	3.256	1.571	62	61.4
2	13 holes	8.6	2.906	1.403	55	54.5
3	10 holes	6.6	2.546	1.231	48	47.6
4	7 holes	4.6	2.125	1.030	39	38.6
5	5 holes	2.8	1.658	0.807	29	28.7

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):42.176 Intercept(b): -5.510 Correlation Coefficient(r): 0.9997

Checked by: Magnum Fan **Date: 22/09/2013**

ENVIROTECH SERVICES CO.

High-Volume TSP Sampler
5-Point Calibration Record

Location	**:**	**AMS6(Dragonair Building)**
Calibrated by	**:**	**K.F.Ho**
Date	**:**	**26/07/2013**

Sampler

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

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)	**:**	**1005**
Ta(K)	**:**	**300**

Resistance Plate		dH [green liquid] (inch water)	Z	X=Qstd (cubic meter/min)	IC	Y
1	18 holes	10.5	3.217	1.552	62	61.5
2	13 holes	8.6	2.911	1.406	55	54.6
3	10 holes	6.8	2.589	1.252	48	47.7
4	7 holes	4.5	2.106	1.021	38	37.7
5	5 holes	2.5	1.570	0.764	27	26.8

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):43.934 Intercept(b): -7.003 Correlation Coefficient(r): 0.9998

Checked by: Magnum Fan **Date: 29/07/2013**

ENVIROTECH SERVICES CO.

High-Volume TSP Sampler
5-Point Calibration Record

Location	**:**	**AMS6(Dragonair Building)**
Calibrated by	**:**	**K.F.Ho**
Date	**:**	**13/09/2013**

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)	**:**	**1010**
Ta(K)	**:**	**300**

Resistance Plate		dH [green liquid] (inch water)	Z	X=Qstd (cubic meter/min)	IC	Y
1	18 holes	10.8	3.271	1.578	62	61.7
2	13 holes	8.8	2.952	1.425	56	55.7
3	10 holes	6.9	2.614	1.264	49	48.8
4	7 holes	4.7	2.158	1.045	39	38.8
5	5 holes	2.6	1.605	0.781	28	27.9

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):42.901 Intercept(b): -5.705 Correlation Coefficient(r): 0.9997

Checked by: Magnum Fan **Date: 15/09/2013**

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)		Va	(x axis) Qa	(y axis)
0.9967	0.6902	1.4149		0.9957	0.6896	0.8851
0.9925	0.9693	2.0010		0.9915	0.9683	1.2517
0.9903	1.0858	2.2372		0.9893	1.0847	1.3995
0.9893	1.1345	2.3464		0.9883	1.1334	1.4678
0.9840	1.3666	2.8299		0.9830	1.3652	1.7702
Qstd slope (m) =		2.09107		Qa slope (m) =		1.30939
intercept (b) =		-0.02838		intercept (b) =		-0.01775
coefficient (r) =		0.99996		coefficient (r) =		0.99996

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

CALCULATIONS

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

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

For subsequent flow rate calculations:

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

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AIR POLLUTION MONITORING EQUIPMENT

ORIFICE TRANSFER STANDARD CERTIFICATION WORKSHEET TE-5025A

Date - Feb 22, 2012	Rootsmeter S/N 0438320	Ta (K) -	295
Operator Tisch	Orifice I.D. - 1378	Pa (mm) -	740.41

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	1.3940	3.2	2.00
2	NA	NA	1.00	0.9740	6.4	4.00
3	NA	NA	1.00	0.8720	8.0	5.00
4	NA	NA	1.00	0.8340	8.8	5.50
5	NA	NA	1.00	0.6870	12.8	8.00

DATA TABULATION

Vstd	(x axis) Qstd	(y axis)		Va	(x axis) Qa	(y axis)
0.9799	0.7029	1.4029		0.9957	0.7142	0.8927
0.9756	1.0017	1.9841		0.9914	1.0178	1.2624
0.9734	1.1163	2.2183		0.9891	1.1343	1.4114
0.9724	1.1660	2.3265		0.9881	1.1848	1.4803
0.9671	1.4077	2.8059		0.9827	1.4304	1.7853
Qstd slope (m) =		1.99405		Qa slope (m) =		1.24864
intercept (b) =		-0.00397		intercept (b) =		-0.00252
coefficient (r) =		0.99984		coefficient (r) =		0.99984
y axis = SQRT[H2O(Pa/760)(298/Ta)]				y axis = SQRT[H2O(Ta/Pa)]		

CALCULATIONS

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

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

For subsequent flow rate calculations:

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

EQUIPMENT CALIBRATION RECORD

Type : Laser Dust Monitor
Manufacturer / Brand : SIBATA
Model No.: LD-3B
Equipment No.: LD-3B-002
Sensitivity Adjustment Scale Setting : 622 CPM

Operator:

Standard Equipment

Equipment : MFC High Volume Air Sampler
Venue : Wah Ming House, Wah Fu Estate
Model No.: TE-5170 Total Suspended Particulated
Serial No.: 2100

Previous Calibration Date 10/21/2011

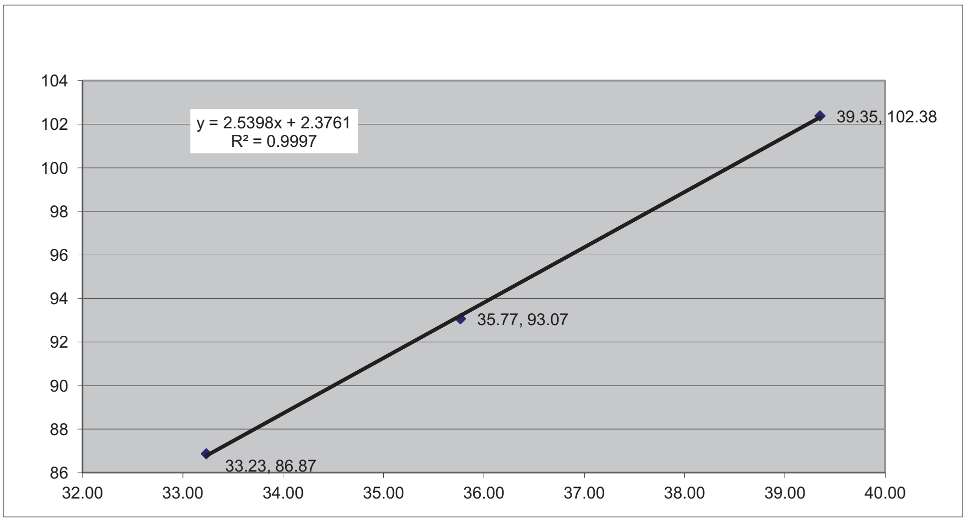
Calibration Result

Sensitivity Adjustment Scale Setting (Before Calibration) : 622 CPM
Sensitivity Adjustment Scale Setting (After Calibration) : 622 CPM

Hour	Date (dd-mmm-yy)	Time		Ambient Condition		Concentration (obtained by High Volume Sampler) (ug/m3) Y-axis	Total Count for 60mins (obtained by Laser Dust Monitor)	Count per Minute X-axis
				Temp (C)	R.H. (%)			
1	15-Oct-12	13:12	14:12	26.3	74%	86.87	1994	33.23
2	15-Oct-12	14:16	15:16	26.3	74%	93.07	2146	35.77
3	15-Oct-12	15:33	16:33	26.3	74%	102.38	2361	39.35

Be Linear Regression of Y or X
Slope (K-factor): 2.5398
Correlation coefficient : 0.9997

Remark:



Recorded by: Ruby Law Signature: Date: 10/21/2012

Checked by: Keith Chau Signature: Date: 10/21/2012

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 : Wah Ming House, Wah Fu Estate
Model No.: TE-5170 Total Suspended Particulated
Serial No.: 276018

Previous Calibration Date N/A

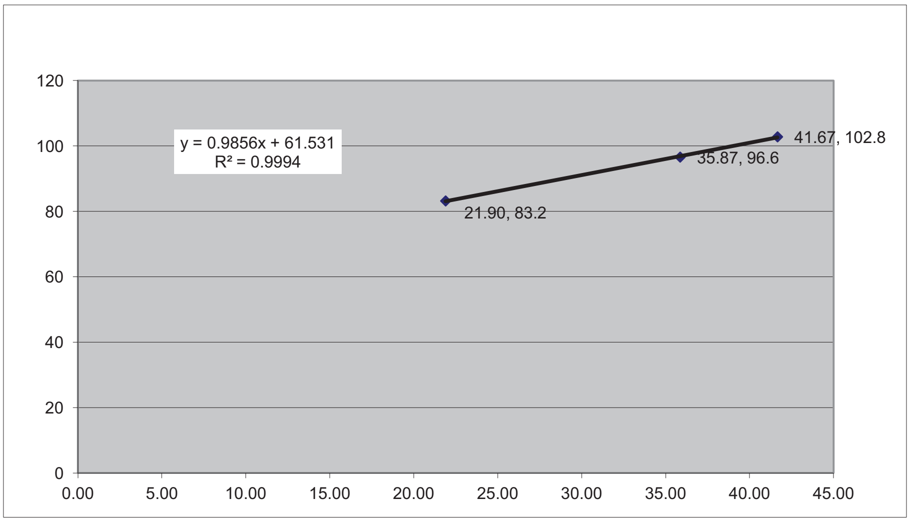
Calibration Result

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	16-Oct-12	13:14	14:14	26.2	74%	83.2	1314	21.90
2	16-Oct-12	14:22	15:22	26.2	74%	96.6	2152	35.87
3	16-Oct-12	15:30	16:30	26.2	74%	102.8	2500	41.67

Be Linear Regression of Y or X
Slope (K-factor): 0.9856
Correlation coefficient : 0.9994

Remark:



Recorded by: Ruby Law Signature: Ruby Date: 10/21/2012

Checked by: Keith Chau Signature: Date: 10/21/2012

REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION

Work Order: HK1322077
Date of Issue: 21/08/2013
Client: AECOM ASIA COMPANY LIMITED

Description: YSI Sonde
Brand Name: YSI
Model No.: 6820 V2
Serial No.: 12A101545
Equipment No.: -- W.026.35
Date of Calibration: 15 August, 2013 Date of next Calibration: 15 November, 2013

Parameters:

Conductivity

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

Expected Reading (uS/cm)	Displayed Reading (uS/cm)	Tolerance (%)
146.9	152.0	3.5
6667	6582	-1.3
12890	11950	-7.3
58670	56820	-3.2
	Tolerance Limit (±%)	10.0

Dissolved Oxygen

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

Expected Reading (mg/L)	Displayed Reading (mg/L)	Tolerance (mg/L)
3.45	3.49	0.04
5.80	5.85	0.05
7.25	7.29	0.04
	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	3.99	-0.01
7.0	7.07	0.07
10.0	10.00	0.00
	Tolerance Limit (±pH unit)	0.20

Salinity

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

Expected Reading (ppt)	Displayed Reading (ppt)	Tolerance (%)
0	0.02	--
10	9.83	-1.7
20	19.41	-3.0
30	29.13	-2.9
	Tolerance Limit (±%)	10.0

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

Richard Fung

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

ALS Technichem (HK) Pty Ltd
ALS Environmental

REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION

Work Order: HK1322077
Date of Issue: 21/08/2013
Client: AECOM ASIA COMPANY LIMITED

Description: YSI Sonde
Brand Name: YSI
Model No.: 6820 V2
Serial No.: 12A101545
Equipment No.: -- W.026.35
Date of Calibration: 15 August, 2013 Date of next Calibration: 15 November, 2013

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)
15.0	14.86	-0.1
25.5	25.39	-0.1
36.0	36.10	0.1
	Tolerance Limit (±°C)	2.0

Turbidity

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

Expected Reading (NTU)	Displayed Reading (NTU)	Tolerance (%)
0	0	--
4	4.1	2.5
10	10.2	2.0
20	20.5	2.5
50	51.1	2.2
100	100.8	0.8
	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: HK1318311
Date of Issue: 12/07/2013
Client: AECOM ASIA COMPANY LIMITED

Description: Sonde Environmental Monitoring System
Brand Name: YSI
Model No.: 6820 V2
Serial No.: 12D100972
Equipment No.: W.026.36
Date of Calibration: 09 July, 2013 Date of next Calibration: 09 October, 2013

Parameters:

Conductivity

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

Expected Reading (uS/cm)	Displayed Reading (uS/cm)	Tolerance (%)
146.9	145.5	-1.0
6667	6351	-4.7
12890	12650	-1.9
58670	58450	-0.4
	Tolerance Limit (±%)	10.0

Dissolved Oxygen

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

Expected Reading (mg/L)	Displayed Reading (mg/L)	Tolerance (mg/L)
3.80	3.85	0.05
5.00	5.06	0.06
7.51	7.46	-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	3.99	-0.01
7.0	7.10	0.10
10.0	9.97	-0.03
	Tolerance Limit (±pH unit)	0.20

Salinity

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

Expected Reading (ppt)	Displayed Reading (ppt)	Tolerance (%)
0	0.01	--
10	9.62	-3.8
20	19.73	-1.4
30	29.96	-0.1
	Tolerance Limit (±%)	10.0

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

R.L.

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

REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION

Work Order: HK1318311
Date of Issue: 12/07/2013
Client: AECOM ASIA COMPANY LIMITED

Description: Sonde Environmental Monitoring System
Brand Name: YSI
Model No.: 6820 V2
Serial No.: 12D100972
Equipment No.: W.026.36
Date of Calibration: 09 July, 2013 Date of next Calibration: 09 October, 2013

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)
15.0	14.63	-0.4
24.5	24.57	0.1
35.5	35.22	-0.3
	Tolerance Limit (±°C)	2.0

Turbidity

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

Expected Reading (NTU)	Displayed Reading (NTU)	Tolerance (%)
0	0.0	--
4	4.1	2.5
10	9.7	-3.0
20	20.3	1.5
50	49.2	-1.6
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

Sep-13

	Monday	Tueday	Wednesday	Thursday	Friday	Saturday	Sunday
Time							01-Sep
							Mudflat monitoring
Time	02-Sep	03-Sep	04-Sep	05-Sep	06-Sep	07-Sep	08-Sep
	Water Quality Monitoring	AMS6 - 24 hr dust (See Remark 2) AMS5 - 24hr Dust 1st Dolphin Monitoring	AMS6-1hr AMS5-1hr Mudflat monitoring(sedimentation rate monitoring) Water Quality Monitoring	1st Dolphin Monitoring	NMS5 (See Remark 1) Water Quality Monitoring	Mudflat monitoring	Mudflat monitoring
Time	09-Sep	10-Sep	11-Sep	12-Sep	13-Sep	14-Sep	15-Sep
	AMS6 - 24 hr dust (See Remark 3) AMS5 - 24hr Dust Water Quality Monitoring	AMS6-1hr AMS5-1hr 2nd Dolphin Monitoring	NMS5 Water Quality Monitoring		AMS6/AMS5 - 24hr Dust Water Quality Monitoring	Mudflat monitoring	Mudflat monitoring
Time	16-Sep	17-Sep	18-Sep	19-Sep	20-Sep	21-Sep	22-Sep
	AMS6-1hr AMS5-1hr+NMS5 Water Quality Monitoring		AMS6/AMS5 - 24hr Dust 2nd Dolphin Monitoring(See Remark 4) Water Quality Monitoring	AMS6-1hr AMS5-1hr	Holiday Water Quality Monitoring	Mudflat monitoring	
Time	23-Sep	24-Sep	25-Sep	26-Sep	27-Sep	28-Sep	29-Sep
	Water Quality Monitoring (See Remark 5)	AMS6/AMS5 - 24hr Dust	AMS6-1hr AMS5-1hr+NMS5 Water Quality Monitoring		Water Quality Monitoring		
Time	30-Sep						
	AMS6/AMS5 - 24hr Dust Water Quality Monitoring						

Remark:

(1) The noise monitoring was cancelled on 4 Sep 2013 at NMS5 due to the bad weather condition and was rescheduled on 6 Sep 2013.

(2) The 24 hr dust monitoring was cancelled on 3 Sep 2013 at AMS6 due to interruption of electricity supply.

(3) The 24 hr dust monitoring was cancelled on 9 Sep 2013 at AMS6 due to malfunction of HVS.

(4) The 2nd Dolphin Monitoring on 17 Sep 2013 was postponed to 18 Sep 2013 due to the increased wind condition.

(5) The WQM at all stations were cancelled for both mid-ebb tide and mid-flood tide on 23 Sep 2013 due to the adverse weather condition.(Tropical cyclone warning signals no.8 was hoisted.)

Oct-13

	Monday	Tueday	Wednesday	Thursday	Friday	Saturday	Sunday
Time		01-Oct	02-Oct	03-Oct	04-Oct	05-Oct	06-Oct
	AMS6/AMS5 - 24hr Dust	Holiday	AMS6-1hr AMS5-1hr+NMS5 Water Quality Monitoring		AMS6/AMS5 - 24hr Dust Water Quality Monitoring		
Time	07-Oct	08-Oct	09-Oct	10-Oct	11-Oct	12-Oct	13-Oct
	AMS6-1hr AMS5-1hr+NMS5 Water Quality Monitoring	1st Dolphin Monitoring	Water Quality Monitoring	AMS6/AMS5 - 24hr Dust 1st Dolphin Monitoring	AMS6-1hr AMS5-1hr Water Quality Monitoring		
Time	14-Oct	15-Oct	16-Oct	17-Oct	18-Oct	19-Oct	20-Oct
	Holiday Water Quality Monitoring	2nd Dolphin Monitoring	AMS6/AMS5 - 24hr Dust Water Quality Monitoring	AMS6-1hr AMS5-1hr+NMS5 2nd Dolphin Monitoring	Water Quality Monitoring		
Time	21-Oct	22-Oct	23-Oct	24-Oct	25-Oct	26-Oct	27-Oct
	Water Quality Monitoring	AMS6/AMS5 - 24hr Dust	AMS6-1hr AMS5-1hr+NMS5 Water Quality Monitoring		Water Quality Monitoring		
IS6 will be	28-Oct	29-Oct	30-Oct	31-Oct			
	AMS6/AMS5 - 24hr Dust Water Quality Monitoring	AMS6-1hr AMS5-1hr+NMS5	Water Quality Monitoring				

APPENDIX E

Monitoring Data

Air Quality Monitoring Data

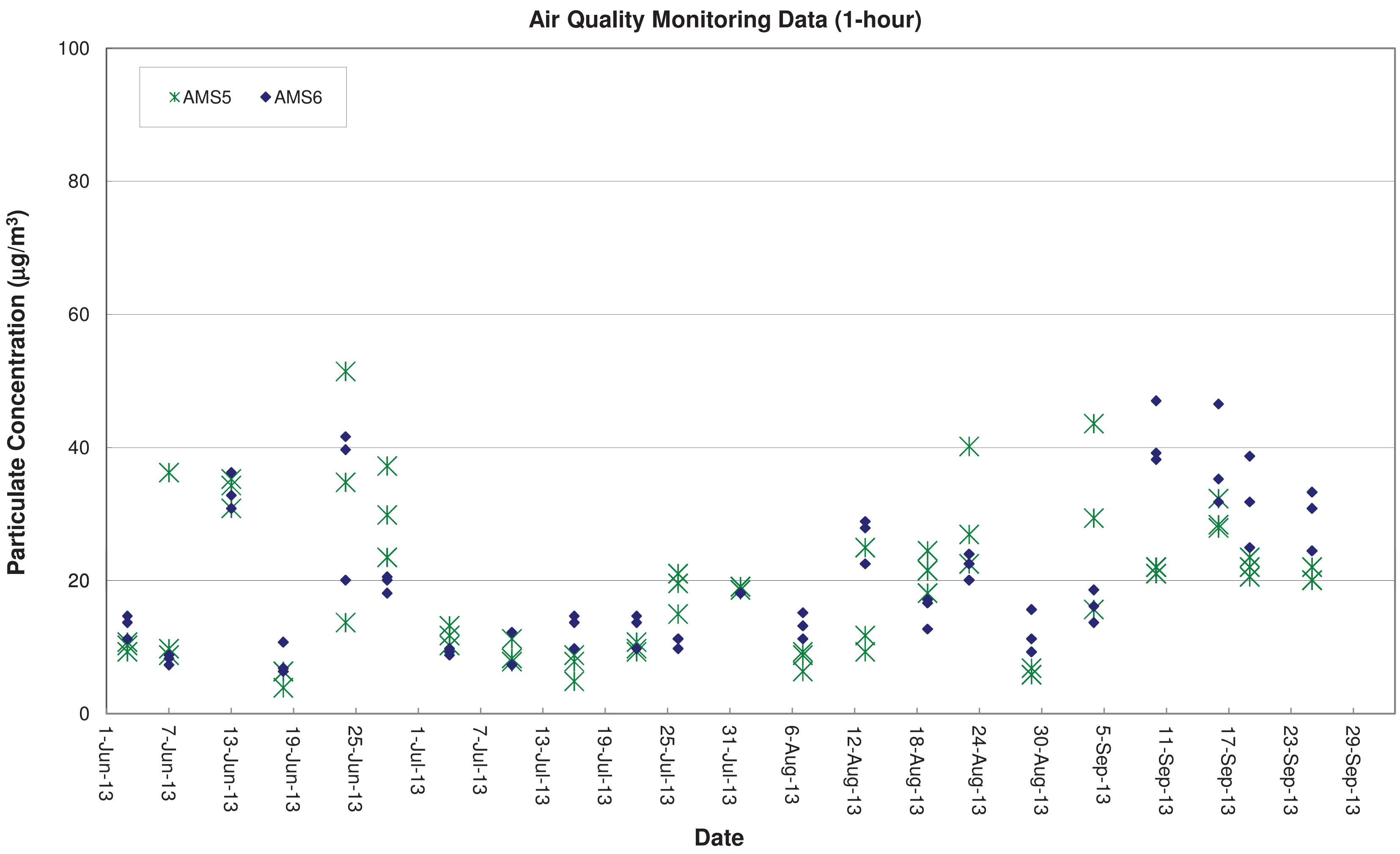
Project	Works	Date (yyyy-mm-dd)	Station	Time	Parameter	Results	Unit
HKLR	HY/2011/03	2013-09-04	AMS5	09:35	1-hr TSP	44	ug/m^3
HKLR	HY/2011/03	2013-09-04	AMS5	10:35	1-hr TSP	29	ug/m^3
HKLR	HY/2011/03	2013-09-04	AMS5	11:35	1-hr TSP	16	ug/m^3
HKLR	HY/2011/03	2013-09-10	AMS5	13:35	1-hr TSP	21	ug/m^3
HKLR	HY/2011/03	2013-09-10	AMS5	14:35	1-hr TSP	22	ug/m^3
HKLR	HY/2011/03	2013-09-10	AMS5	15:35	1-hr TSP	22	ug/m^3
HKLR	HY/2011/03	2013-09-16	AMS5	09:30	1-hr TSP	32	ug/m^3
HKLR	HY/2011/03	2013-09-16	AMS5	10:30	1-hr TSP	35	ug/m^3
HKLR	HY/2011/03	2013-09-16	AMS5	11:30	1-hr TSP	47	ug/m^3
HKLR	HY/2011/03	2013-09-19	AMS5	09:25	1-hr TSP	24	ug/m^3
HKLR	HY/2011/03	2013-09-19	AMS5	10:25	1-hr TSP	22	ug/m^3
HKLR	HY/2011/03	2013-09-19	AMS5	11:25	1-hr TSP	21	ug/m^3
HKLR	HY/2011/03	2013-09-25	AMS5	09:12	1-hr TSP	22	ug/m^3
HKLR	HY/2011/03	2013-09-25	AMS5	10:12	1-hr TSP	20	ug/m^3
HKLR	HY/2011/03	2013-09-25	AMS5	11:12	1-hr TSP	20	ug/m^3
HKLR	HY/2011/03	2013-09-03	AMS5	08:00	24-hr TSP	15	ug/m^3
HKLR	HY/2011/03	2013-09-09	AMS5	08:00	24-hr TSP	37	ug/m^3
HKLR	HY/2011/03	2013-09-13	AMS5	08:00	24-hr TSP	26	ug/m^3
HKLR	HY/2011/03	2013-09-18	AMS5	08:00	24-hr TSP	64	ug/m^3
HKLR	HY/2011/03	2013-09-24	AMS5	08:00	24-hr TSP	27	ug/m^3
HKLR	HY/2011/03	2013-09-30	AMS5	08:00	24-hr TSP	56	ug/m^3
HKLR	HY/2011/03	2013-09-04	AMS6	13:30	1-hr TSP	19	ug/m^3
HKLR	HY/2011/03	2013-09-04	AMS6	14:30	1-hr TSP	16	ug/m^3
HKLR	HY/2011/03	2013-09-04	AMS6	15:30	1-hr TSP	14	ug/m^3
HKLR	HY/2011/03	2013-09-10	AMS6	08:10	1-hr TSP	47	ug/m^3
HKLR	HY/2011/03	2013-09-10	AMS6	09:10	1-hr TSP	39	ug/m^3
HKLR	HY/2011/03	2013-09-10	AMS6	10:10	1-hr TSP	38	ug/m^3
HKLR	HY/2011/03	2013-09-16	AMS6	13:40	1-hr TSP	28	ug/m^3
HKLR	HY/2011/03	2013-09-16	AMS6	14:40	1-hr TSP	28	ug/m^3
HKLR	HY/2011/03	2013-09-16	AMS6	15:40	1-hr TSP	32	ug/m^3
HKLR	HY/2011/03	2013-09-19	AMS6	13:11	1-hr TSP	25	ug/m^3
HKLR	HY/2011/03	2013-09-19	AMS6	14:11	1-hr TSP	32	ug/m^3
HKLR	HY/2011/03	2013-09-19	AMS6	15:11	1-hr TSP	39	ug/m^3
HKLR	HY/2011/03	2013-09-25	AMS6	13:05	1-hr TSP	31	ug/m^3
HKLR	HY/2011/03	2013-09-25	AMS6	14:05	1-hr TSP	33	ug/m^3
HKLR	HY/2011/03	2013-09-25	AMS6	15:05	1-hr TSP	25	ug/m^3
HKLR	HY/2011/03	2013-09-03	AMS6	08:00	24-hr TSP	-	ug/m^3
HKLR	HY/2011/03	2013-09-09	AMS6	08:00	24-hr TSP	-	ug/m^3
HKLR	HY/2011/03	2013-09-13	AMS6	08:00	24-hr TSP	45	ug/m^3
HKLR	HY/2011/03	2013-09-18	AMS6	08:00	24-hr TSP	125	ug/m^3
HKLR	HY/2011/03	2013-09-24	AMS6	08:00	24-hr TSP	56	ug/m^3
HKLR	HY/2011/03	2013-09-30	AMS6	08:00	24-hr TSP	71	ug/m^3

Remark:

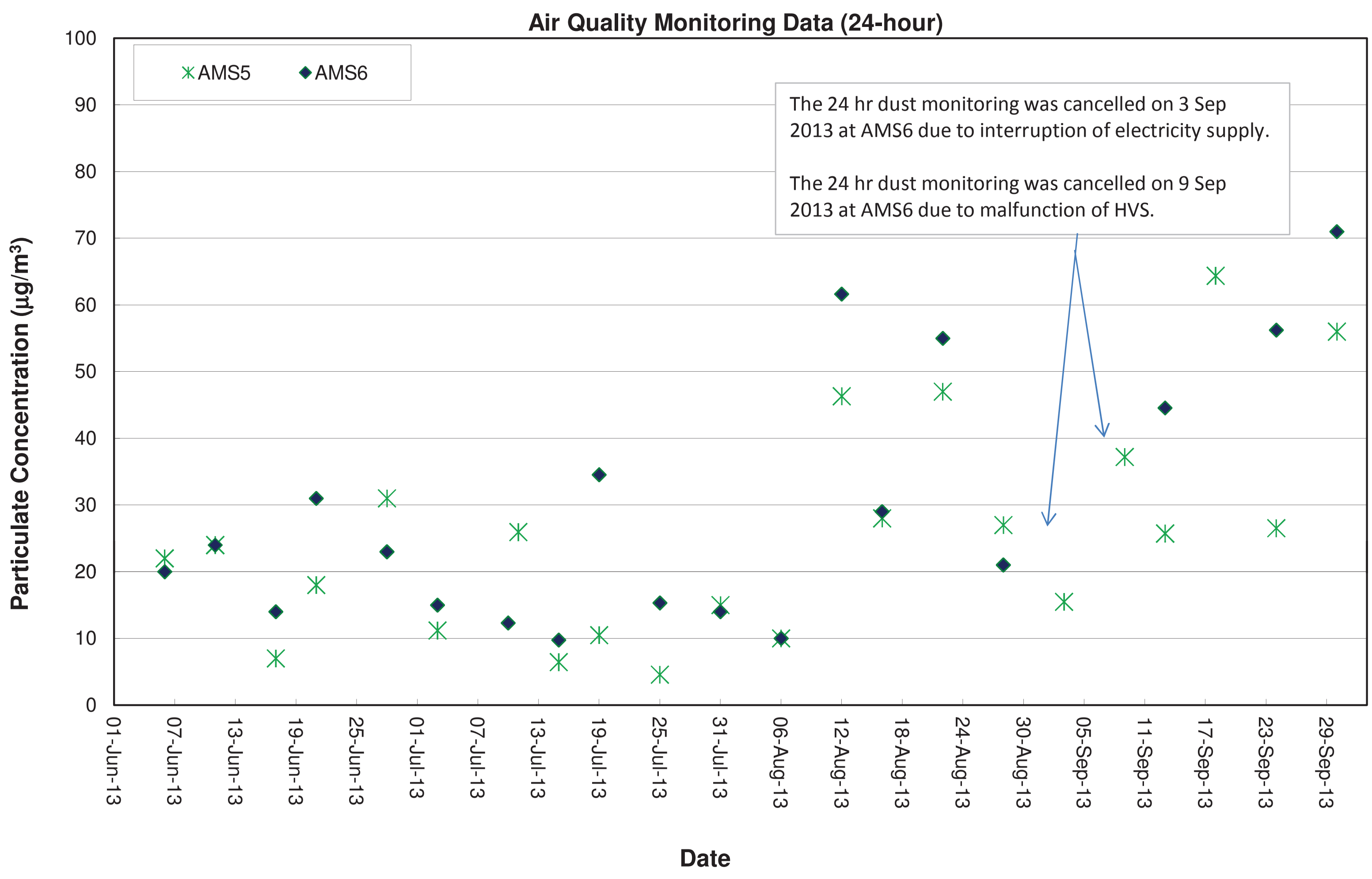
(1) The 24 hr dust monitoring was cancelled on 3 Sep 2013 at AMS6 due to interruption of electricity supply.

(2) The 24 hr dust monitoring was cancelled on 9 Sep 2013 at AMS6 due to malfunction of HVS.

Graphical Plot of 1-hour TSP at AMS5 and AMS6



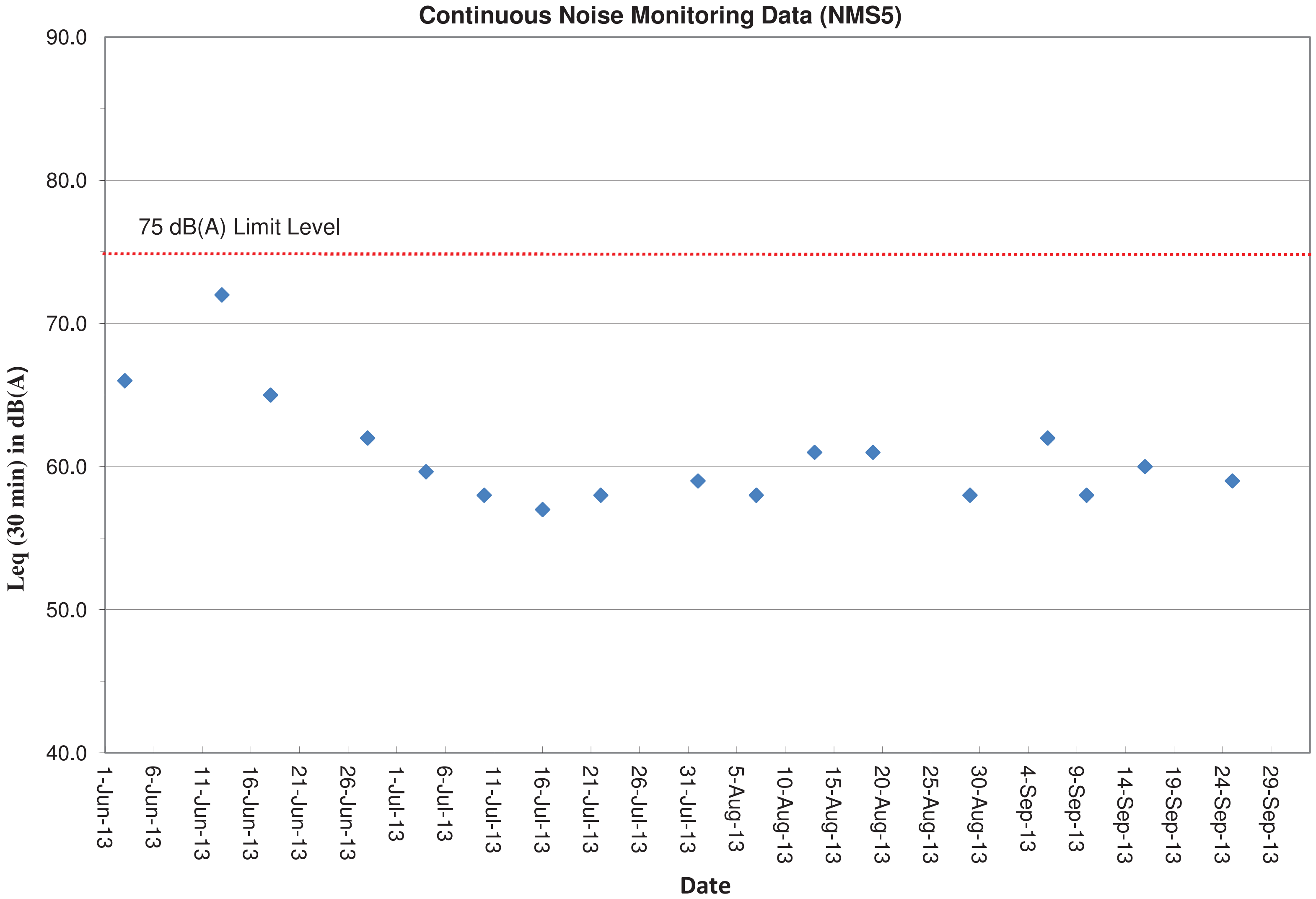
Graphical Plot of 24-hour TSP at AMS5 and AMS6



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	2013-09-06	NMS5	15:05	<5	Leq:	61.1	Leq:	57.5	Leq:	61.9	Leq:	54.8	Leq:	57.5	Leq:	54.7	Leq:	61.8	dB(A)
						L10:	64.0	L10:	61.0	L10:	65.5	L10:	57.5	L10:	60.0	L10:	56.5	L10:	64.9	
						L90:	54.5	L90:	49.5	L90:	51.0	L90:	51.0	L90:	51.0	L90:	49.5	L90:	54.4	
HKLR	HY/2011/03	2013-09-11	NMS5	13:50	<5	Leq:	55.5	Leq:	52.9	Leq:	57.8	Leq:	52.4	Leq:	50.6	Leq:	55.2	Leq:	57.7	dB(A)
						L10:	57.5	L10:	54.5	L10:	59.0	L10:	54.0	L10:	51.5	L10:	59.5	L10:	59.9	
						L90:	51.0	L90:	51.0	L90:	53.5	L90:	50.5	L90:	49.5	L90:	54.7	L90:	55.1	
HKLR	HY/2011/03	2013-09-16	NMS5	10:10	<5	Leq:	55.1	Leq:	56.1	Leq:	57.8	Leq:	58.0	Leq:	56.6	Leq:	58.7	Leq:	60.2	dB(A)
						L10:	58.0	L10:	60.0	L10:	61.5	L10:	60.5	L10:	60.0	L10:	62.5	L10:	63.6	
						L90:	50.0	L90:	49.5	L90:	50.5	L90:	51.5	L90:	51.0	L90:	51.5	L90:	53.7	
HKLR	HY/2011/03	2013-09-25	NMS5	9:50	<5	Leq:	56.2	Leq:	56.6	Leq:	56.2	Leq:	55.9	Leq:	54.7	Leq:	55.5	Leq:	58.9	dB(A)
						L10:	60.0	L10:	60.0	L10:	59.0	L10:	59.0	L10:	57.5	L10:	58.5	L10:	62.1	
						L90:	51.5	L90:	50.5	L90:	51.0	L90:	49.5	L90:	49.0	L90:	50.0	L90:	53.3	
HKLR	HY/2011/03	2013-10-02	NMS5	15:45	<5	Leq:	61.0	Leq:	63.6	Leq:	55.8	Leq:	55.9	Leq:	57.8	Leq:	57.2	Leq:	62.6	dB(A)
						L10:	63.5	L10:	66.0	L10:	58.0	L10:	57.0	L10:	60.0	L10:	59.0	L10:	64.8	
						L90:	55.5	L90:	56.5	L90:	53.5	L90:	53.5	L90:	55.0	L90:	54.5	L90:	57.9	

Remark: The noise monitoring was cancelled on 4 Sep 2013 at NMS5 due to the bad weather condition and was rescheduled on 6 Sep 2013.

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	Site Observation
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	IS5	12:17:48	1.0	Surface	1	1	28.92	7.99	14.97	82.8	5.87	6.5	3.2	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	IS5	12:18:32	1.0	Surface	1	2	28.91	8	14.98	84	5.96	6.7	3.2	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	IS5	12:17:30	4.3	Middle	2	1	26.93	7.79	28.32	72.9	5.17	12.4	4.2	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	IS5	12:18:12	4.3	Middle	2	2	26.91	7.79	28.38	73.5	5.22	12.4	3.7	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	IS5	12:18:02	7.6	Bottom	3	1	26.87	7.8	29.15	71.7	4.86	11.2	3.1	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	IS5	12:17:19	7.6	Bottom	3	2	26.87	7.81	29.18	76.4	5.18	11.4	4.8	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	IS(Mf)6	12:10:03	1.0	Surface	1	1	28.96	7.95	16.21	88.6	6.23	13.9	2.8	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	IS(Mf)6	12:09:41	1.0	Surface	1	2	29	7.95	16.41	89.4	6.28	13.8	3.1	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	IS(Mf)6	12:09:52	2.3	Bottom	3	1	28.48	7.88	18.77	85.5	5.98	14.6	3.3	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	IS(Mf)6	12:09:24	2.3	Bottom	3	2	28.31	7.84	20.59	82.8	5.75	14.5	3.4	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	IS7	12:03:37	1.0	Surface	1	1	28.53	7.87	16.17	80.7	5.72	7.4	2.9	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	IS7	12:03:11	1.0	Surface	1	2	28.49	7.87	16.26	79.6	5.65	7.4	3	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	IS7	12:03:25	2.3	Bottom	3	1	28.16	7.8	18.59	76.5	5.38	9.2	3.4	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	IS7	12:02:57	2.3	Bottom	3	2	28.13	7.78	18.86	75.5	5.31	9.2	3.6	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	IS8	11:40:00	1.0	Surface	1	1	28.47	7.92	16.83	82.1	5.8	5.9	5.8	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	IS8	11:39:29	1.0	Surface	1	2	28.22	7.9	17.02	81.9	5.81	6.1	6.1	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	IS8	11:39:23	2.8	Bottom	3	1	28.2	7.88	19.03	77.9	5.49	6.1	5.2	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	IS8	11:39:50	2.8	Bottom	3	2	28	7.83	18.87	76.6	5.4	6.1	5.9	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	IS(Mf)9	11:56:54	1.0	Surface	1	1	28.3	7.93	17.4	83.8	5.92	5.5	3.4	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	IS(Mf)9	11:56:33	1.0	Surface	1	2	28.26	7.91	17.6	81	5.72	5.4	3.8	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	IS(Mf)9	11:56:43	2.5	Bottom	3	1	27.87	7.84	20.79	80.4	5.62	5.8	5.2	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	IS(Mf)9	11:56:23	2.5	Bottom	3	2	27.73	7.83	20.28	78.3	5.5	5.7	4.2	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	IS10	11:13:25	1.0	Surface	1	1	28.47	8	14.74	79.3	5.68	3.4	2.5	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	IS10	11:14:23	1.0	Surface	1	2	28.2	7.99	15.26	80.5	5.76	3.7	2.8	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	IS10	11:14:01	5.3	Middle	2	1	27.29	7.92	25.34	76.2	5.43	5	2.3	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	IS10	11:12:58	5.3	Middle	2	2	27.66	7.92	24.09	76.7	5.46	4.7	2.8	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	IS10	11:13:46	9.6	Bottom	3	1	27	7.87	27.37	76	5.33	9.1	3.6	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	IS10	11:12:37	9.6	Bottom	3	2	26.96	7.88	27.25	76.3	5.36	9.6	2.2	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	SR3	12:25:15	0.6	Middle	2	1	29.06	8	14.51	101.6	7.2	4.5	2.4	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	SR3	12:25:07	0.6	Middle	2	2	29.03	8	14.59	101	7.17	4.5	2.3	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	SR4	11:45:57	1.0	Surface	1	1	28.32	7.81	17.27	76.9	5.42	6.1	1	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	SR4	11:45:39	1.0	Surface	1	2	28.41	7.83	17.51	78.3	5.52	6.2	1.7	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	SR4	11:45:45	2.7	Bottom	3	1	28.24	7.81	18.05	75.5	5.34	7.4	1.5	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	SR4	11:45:25	2.7	Bottom	3	2	28.2	7.81	18.52	77.9	5.49	7.1	1.7	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	SR5	11:25:41	1.0	Surface	1	1	28.77	8.07	11.21	81.2	5.8	3.9	1.3	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	SR5	11:26:06	1.0	Surface	1	2	28.66	8.05	11.32	81.3	5.81	3.8	1.2	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	SR5	11:25:26	4.5	Bottom	3	1	27.16	7.88	25.9	77.9	5.55	4.4	1.9	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	SR5	11:25:50	4.5	Bottom	3	2	27.79	7.88	24.6	78.4	5.59	4.3	1.5	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	SR10A	10:23:54	1.0	Surface	1	1	28.11	7.81	15.6	85.8	6.15	2.5	0.6	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	SR10A	10:23:25	1.0	Surface	1	2	28.11	7.82	15.59	85.4	6.12	2.6	0.8	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	SR10A	10:23:43	3.2	Middle	2	1	27.79	7.81	17.38	84.3	6.02	2.5	1.1	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	SR10A	10:23:13	3.2	Middle	2	2	27.65	7.81	17.37	83.4	5.97	2.6	1.3	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	SR10A	10:23:02	5.3	Bottom	3	1	27.64	7.8	18.13	84.2	6	2.5	1.4	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	SR10A	10:23:33	5.3	Bottom	3	2	27.82	7.79	18.2	84.9	6.03	2.5	1.4	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	SR10B	10:16:14	1.0	Surface	1	1	27.13	7.81	19.15	74.2	5.3	3.7	1.1	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	SR10B	10:15:59	1.0	Surface	1	2	27.57	7.83	17.94	74.4	5.31	3.8	1.3	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	SR10B	10:15:47	3.8	Bottom	3	1	26.33	7.76	24.62	72.7	5.11	3.9	1.6	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	SR10B	10:16:07	3.8	Bottom	3	2	26.85	7.78	23.04	74.6	5.24	3.8	1.3	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	CS2	12:38:39	1.0	Surface	1	1	28.66	8	13.93	76.9	5.49	3.2	1.3	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	CS2	12:39:34	1.0	Surface	1	2	28.66	8	13.97	76.9	5.47	3.3	1.2	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	CS2	12:38:23	3.3	Middle	2	1	28.37	8	14.79	72.9	5.18	3.6	2.6	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	CS2	12:39:19	3.3	Middle	2	2	28.43	8.01	14.56	73	5.19	3.7	2.7	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	CS2	12:39:00	5.5	Bottom	3	1	27.57	7.9	25.42	71.8	5.12	5.2	3.1	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	CS2	12:38:05	5.5	Bottom	3	2	27.51	7.87	23.37	73.1	5.18	5.7	2.7	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	CS(Mf)5	11:03:34	1.0	Surface	1	1	28.41	7.85	14.27	78	5.6	3.9	2.5	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	CS(Mf)5	11:02:46	1.0	Surface	1	2	28.35	7.86	14.38	78.5	5.64	3.9	2.9	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	CS(Mf)5	11:03:13	6.5	Middle	2	1	26.39	7.78	25.03	70.8	5.1	5.7	2.6	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	CS(Mf)5	11:02:24	6.5	Middle	2	2	26.34	7.78	25.02	70.5	5.07	5.6	3.8	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	CS(Mf)5	11:03:01	11.9	Bottom	3	1	24.64	7.71	31.94	69.4	4.81	6.6	3.2	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	CS(Mf)5	11:02:13	11.9	Bottom	3	2	24.56	7.72	32	68.4	4.75	6.5	2.9	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	IS5	16:56:48	1.0	Surface	1	1	29.41	8.09	16.78	102	7.1	12.7	10.5	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	IS5	16:57:36	1.0	Surface	1	2	29.69	8.11	16.32	103.7	7.2	12.2	11.7	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	IS5	16:57:19	4.3	Middle	2	1	28.02	7.86	20.33	77.2	5.28	12.3	13.1	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	IS5	16:56:30	4.3	Middle	2	2	27.9	7.87	20.24	77	5.27	12.5	12.6	

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	Site Observation
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	IS5	16:56:21	7.5	Bottom	3	1	27.18	7.82	26.64	68.3	4.79	13.4	12.9	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	IS5	16:57:04	7.5	Bottom	3	2	27.17	7.82	26.82	67.8	4.74	13.5	12.5	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	IS(Mf)6	17:05:36	1.0	Surface	1	1	29.84	8.21	16.09	128.4	8.91	8.2	4.6	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	IS(Mf)6	17:05:20	1.0	Surface	1	2	29.8	8.18	16.11	124.1	8.61	8.3	5	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	IS(Mf)6	17:05:10	2.1	Bottom	3	1	29.46	8.13	16.1	123.7	8.59	8.2	5.2	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	IS(Mf)6	17:05:26	2.1	Bottom	3	2	29.61	8.17	17.2	127.2	8.81	8.3	6.4	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	IS7	17:12:53	1.0	Surface	1	1	29.77	8.25	15.66	137.7	9.59	5.7	4.1	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	IS7	17:13:12	1.0	Surface	1	2	29.79	8.25	15.81	138.9	9.66	5.7	4.8	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	IS7	17:13:01	2.1	Bottom	3	1	29.82	8.24	15.96	138.2	9.6	5.9	5.6	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	IS7	17:12:39	2.1	Bottom	3	2	29.79	8.23	15.92	135.4	9.41	5.8	4.5	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	IS8	17:37:42	1.0	Surface	1	1	28.99	8.09	15.45	109	7.7	6.2	3.4	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	IS8	17:37:13	1.0	Surface	1	2	28.95	8.09	15.67	107.6	7.59	6.3	2.1	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	IS8	17:37:33	2.8	Bottom	3	1	28.55	7.99	17.48	103.3	7.27	6.4	2.4	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	IS8	17:37:03	2.8	Bottom	3	2	28.45	7.98	17.96	104	7.31	6.5	2.7	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	IS(Mf)9	17:21:00	1.0	Surface	1	1	29.11	8.08	14.98	112.5	7.95	8.2	3.5	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	IS(Mf)9	17:20:44	1.0	Surface	1	2	29.03	8.07	15.02	112	7.86	8.4	4.3	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	IS(Mf)9	17:20:52	2.7	Bottom	3	1	29.04	8.06	16.46	109.7	7.76	8.7	3.7	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	IS(Mf)9	17:20:35	2.7	Bottom	3	2	28.83	8.04	17.14	110.2	7.74	8.5	3.3	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	IS10	18:04:09	1.0	Surface	1	1	29.16	8.12	16.03	83.2	5.89	13.8	16.1	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	IS10	18:03:21	1.0	Surface	1	2	29.13	8.11	16.06	82	5.81	14.5	15.2	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	IS10	18:03:52	5.5	Middle	2	1	26.45	7.93	25.68	74.1	5.23	15.6	20.5	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	IS10	18:03:03	5.5	Middle	2	2	26.98	7.92	26.04	74.2	5.25	16.5	21	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	IS10	18:03:41	10.0	Bottom	3	1	26.13	7.92	28.13	70.1	5.02	17	20	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	IS10	18:02:51	10.0	Bottom	3	2	26.02	7.91	28.43	70.9	5.04	18.3	20.4	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	SR3	16:46:07	0.7	Middle	2	1	29.73	8.17	16.29	128.4	8.91	9.5	11.7	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	SR3	16:46:14	0.7	Middle	2	2	29.61	8.15	16.42	125.5	8.72	9.6	10.4	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	SR4	17:31:13	1.0	Surface	1	1	29.42	8.01	13.89	103.1	7.22	4.8	4.1	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	SR4	17:30:54	1.0	Surface	1	2	29.41	8.02	13.92	102.2	7.23	4.8	3.5	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	SR4	17:30:44	2.7	Bottom	3	1	29.11	7.98	18.82	103.3	7.15	5.1	3.9	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	SR4	17:31:01	2.7	Bottom	3	2	28.26	7.97	19.3	100.8	7.13	5	3.1	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	SR5	17:51:15	1.0	Surface	1	1	29.09	8.09	16.09	84.3	5.98	15	14.4	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	SR5	17:50:32	1.0	Surface	1	2	29.01	8.07	16.13	84.3	5.97	15.6	15.9	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	SR5	17:50:17	4.7	Bottom	3	1	27.86	7.96	20.72	81.9	5.81	13	13.5	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	SR5	17:50:51	4.7	Bottom	3	2	27.73	7.96	21.03	81.5	5.77	11.8	14.8	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	SR10A	18:51:50	1.0	Surface	1	1	26.29	7.81	26.2	74.2	5.27	3.4	4.2	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	SR10A	18:51:20	1.0	Surface	1	2	26.24	7.81	26.32	76.9	5.45	3.3	3.7	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	SR10A	18:51:39	3.3	Middle	2	1	26.1	7.8	26.69	73.9	5.23	3.3	2.6	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	SR10A	18:51:11	3.3	Middle	2	2	26.11	7.81	26.71	74.8	5.3	3.3	2.8	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	SR10A	18:51:02	5.6	Bottom	3	1	26.14	7.8	26.73	74.8	5.3	3.3	4.2	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	SR10A	18:51:29	5.6	Bottom	3	2	26.04	7.8	27.43	72.8	5.17	3.3	3.7	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	SR10B	19:01:02	1.0	Surface	1	1	26.27	7.81	26.18	75	5.33	3.6	3	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	SR10B	19:01:18	1.0	Surface	1	2	26.29	7.81	26.06	73.9	5.25	3.5	2.8	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	SR10B	19:01:10	4.1	Bottom	3	1	26.28	7.81	26.65	73.8	5.23	3.6	4	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	SR10B	19:00:54	4.1	Bottom	3	2	26.28	7.81	26.32	75	5.32	3.6	5.2	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	CS2	16:41:56	1.0	Surface	1	1	29.22	8.08	13.7	81	5.77	4.2	3.1	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	CS2	16:40:50	1.0	Surface	1	2	29.28	8.04	13.51	81.1	5.77	4.1	4.2	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	CS2	16:40:25	3.4	Middle	2	1	27.59	7.81	20.66	75.4	5.4	4.3	3.7	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	CS2	16:41:35	3.4	Middle	2	2	27.59	7.9	20.62	76.8	5.48	4.8	4	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	CS2	16:39:56	5.8	Bottom	3	1	27.33	7.65	23.36	75.6	5.39	6.5	3.5	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	CS2	16:41:13	5.8	Bottom	3	2	27.1	7.86	25.07	74.1	5.29	7	3.8	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	CS(Mf)5	18:20:48	1.0	Surface	1	1	27.63	7.88	19.5	75.6	5.34	4.7	2.4	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	CS(Mf)5	18:19:49	1.0	Surface	1	2	27.3	7.83	21.04	73.9	5.21	4.6	2.2	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	CS(Mf)5	18:20:30	6.4	Middle	2	1	25.35	7.74	28.8	72.5	5.12	8.7	2.2	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	CS(Mf)5	18:19:22	6.4	Middle	2	2	25.09	7.73	29.82	71.4	5.03	8.9	2.6	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	CS(Mf)5	18:20:22	11.8	Bottom	3	1	24.89	7.74	31.07	69.1	4.88	8.6	2.3	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	CS(Mf)5	18:19:14	11.8	Bottom	3	2	24.83	7.73	31.02	67.2	4.73	8.8	3.6	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	IS5	13:04:25	1.0	Surface	1	1	27.15	7.85	18.62	68.6	5.18	10.6	11.4	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	IS5	13:03:40	1.0	Surface	1	2	27.16	7.84	19.91	68.3	5.16	11.4	10.8	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	IS5	13:04:08	4.7	Middle	2	1	26.84	7.78	26.14	66.5	5.03	14.2	11.4	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	IS5	13:03:28	4.7	Middle	2	2	26.77	7.77	26.98	66.8	5.05	15	9.6	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	IS5	13:03:14	8.3	Bottom	3	1	26.74	7.76	27.34	67.1	5.07	15.1	10.9	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	IS5	13:03:54	8.3	Bottom	3	2	26.81	7.76	27.31	66.7	5.04	14.7	11	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	IS(Mf)6	12:55:35	1.0	Surface	1	1	27.39	7.79	20.27	71.7	5.41	19.1	8.3	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	IS(Mf)6	12:55:01	1.0	Surface	1	2	27.49	7.82	19.37	71.8	5.42	18.2	8.8	

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	Site Observation
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	IS(Mf)6	12:55:26	2.1	Bottom	3	1	27.32	7.76	22.72	71.4	5.4	19.6	8.5	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	IS(Mf)6	12:54:48	2.1	Bottom	3	2	27.18	7.74	23.13	71.3	5.38	20.7	9.6	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	IS7	12:49:07	1.0	Surface	1	1	27.23	7.77	21.29	71.4	5.39	9.8	4	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	IS7	12:48:44	1.0	Surface	1	2	26.99	7.76	21.64	71.4	5.4	10.6	3.2	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	IS7	12:48:36	2.5	Bottom	3	1	26.97	7.74	24.32	70.8	5.35	11.5	3.7	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	IS7	12:48:57	2.5	Bottom	3	2	26.97	7.75	23.5	71.1	5.38	11.1	3.2	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	IS8	12:26:43	1.0	Surface	1	1	27.31	7.78	20.67	69.7	5.32	8.6	5.2	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	IS8	12:26:25	1.0	Surface	1	2	27.31	7.78	20.78	69.6	5.31	8.9	4.1	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	IS8	12:26:19	2.6	Bottom	3	1	27.32	7.76	22.62	69.4	5.29	8.7	4.5	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	IS8	12:26:35	2.6	Bottom	3	2	27.22	7.75	22.89	69.6	5.31	9	3.5	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	IS(Mf)9	12:43:02	1.0	Surface	1	1	27.12	7.8	20.3	69.5	5.29	11.1	2.7	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	IS(Mf)9	12:43:20	1.0	Surface	1	2	27.08	7.8	20.38	69.5	5.29	11.8	3	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	IS(Mf)9	12:43:12	2.5	Bottom	3	1	26.89	7.77	21.85	69.3	5.24	13.6	3.9	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	IS(Mf)9	12:42:54	2.5	Bottom	3	2	27.05	7.77	22.86	69.3	5.25	12.7	3	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	IS10	12:30:14	1.0	Surface	1	1	27.16	7.86	19.28	76.4	5.45	6.7	3.5	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	IS10	12:29:35	1.0	Surface	1	2	27.16	7.81	19.35	74.9	5.34	6.7	2.1	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	IS10	12:30:03	5.3	Middle	2	1	27.15	7.81	21.29	71.8	5.12	8.6	3.5	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	IS10	12:29:23	5.3	Middle	2	2	27.16	7.74	22.13	71.6	5.11	8.9	2.6	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	IS10	12:29:54	9.5	Bottom	3	1	27.05	7.76	25.17	66.7	4.71	10.9	3.1	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	IS10	12:29:11	9.5	Bottom	3	2	27.03	7.68	25.05	71.6	4.96	10.9	3.7	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	SR3	13:13:28	0.8	Middle	2	1	27.23	7.82	18.99	69.7	5.27	8.7	11.3	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	SR3	13:13:18	0.8	Middle	2	2	27.2	7.82	18.79	69.7	5.26	9.3	10.5	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	SR4	12:32:04	1.0	Surface	1	1	27	7.72	21.62	69.3	5.28	12.7	7.6	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	SR4	12:31:45	1.0	Surface	1	2	27.01	7.72	21.95	69.4	5.29	12.1	8.2	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	SR4	12:31:54	2.5	Bottom	3	1	26.88	7.69	23.98	69.2	5.27	14.1	12.5	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	SR4	12:31:37	2.5	Bottom	3	2	26.9	7.69	23.94	69.4	5.28	12.9	11.8	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	SR5	12:38:45	1.0	Surface	1	1	27.12	7.89	19.33	77.9	5.56	2.5	3.5	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	SR5	12:39:06	1.0	Surface	1	2	27.16	7.89	19.49	78.6	5.6	2.7	4.3	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	SR5	12:38:56	3.6	Bottom	3	1	27.22	7.88	19.94	78.8	5.59	2.5	2	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	SR5	12:38:32	3.6	Bottom	3	2	27.23	7.85	20.87	76	5.36	2.5	3	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	SR10A	11:09:30	1.0	Surface	1	1	26.27	7.78	23.73	68.2	5.17	2.7	3	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	SR10A	11:10:04	1.0	Surface	1	2	26.15	7.78	24.37	68.4	5.18	2.8	2.4	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	SR10A	11:09:18	3.4	Middle	2	1	26.07	7.77	24.94	67.7	5.13	2.9	2.8	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	SR10A	11:09:57	3.4	Middle	2	2	26.1	7.77	24.75	67.8	5.13	2.8	2.4	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	SR10A	11:09:46	5.7	Bottom	3	1	26.11	7.77	24.82	67.6	5.13	2.9	4.9	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	SR10A	11:09:09	5.7	Bottom	3	2	26.07	7.77	25.02	67.6	5.11	3	5.6	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	SR10B	11:03:10	1.0	Surface	1	1	25.87	7.75	25.33	67.6	5.11	4.1	6.1	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	SR10B	11:02:33	1.0	Surface	1	2	25.86	7.75	25.37	67.6	5.11	4.2	5.6	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	SR10B	11:02:22	4.6	Bottom	3	1	25.84	7.75	25.44	67.3	5.08	4.2	6.2	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	SR10B	11:02:58	4.6	Bottom	3	2	25.79	7.75	25.69	67.1	5.07	4.6	7.1	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	CS2	14:03:43	1.0	Surface	1	1	27.14	7.91	19.29	77.4	5.53	6.4	4.5	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	CS2	14:02:54	1.0	Surface	1	2	27.11	7.9	19.38	75.4	5.38	6.1	3.1	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	CS2	14:02:45	3.9	Middle	2	1	26.93	7.84	24.92	77.5	5.4	8.5	3.5	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	CS2	14:03:31	3.9	Middle	2	2	26.97	7.86	24.26	72.6	5.06	8.5	3.4	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	CS2	14:02:32	6.7	Bottom	3	1	26.93	7.82	25.23	72.3	5.05	8.3	3.7	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	CS2	14:03:16	6.7	Bottom	3	2	26.93	7.85	25.14	71	4.96	8.3	4.8	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	CS(Mf)5	11:50:39	1.0	Surface	1	1	26.81	7.79	21.71	69.1	5.27	4.2	4.1	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	CS(Mf)5	11:51:32	1.0	Surface	1	2	26.8	7.8	21.67	68.9	5.26	4.2	3.7	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	CS(Mf)5	11:51:14	6.9	Middle	2	1	26.03	7.75	26.25	66.9	5.08	3.9	4.3	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	CS(Mf)5	11:50:12	6.9	Middle	2	2	25.96	7.75	26.44	67.1	5.1	4	4.2	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	CS(Mf)5	11:50:57	12.7	Bottom	3	1	25.93	7.74	26.66	66.9	5.06	3.9	4	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	CS(Mf)5	11:50:02	12.7	Bottom	3	2	25.89	7.73	26.92	66.8	5.05	4	4.9	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	IS5	17:34:50	1.0	Surface	1	1	27.3	7.81	20.76	71.6	5.4	9.9	5.1	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	IS5	17:34:14	1.0	Surface	1	2	27.29	7.81	20.92	71.2	5.38	9.9	5.6	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	IS5	17:33:59	4.9	Middle	2	1	27.2	7.79	21.79	69.1	5.22	10.5	7.7	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	IS5	17:34:38	4.9	Middle	2	2	27.17	7.78	22.3	69.2	5.22	10.4	7.9	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	IS5	17:34:28	8.8	Bottom	3	1	27.19	7.78	22.32	69.6	5.24	10.4	8	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	IS5	17:33:51	8.8	Bottom	3	2	27.18	7.78	22.35	69.3	5.22	11.1	8.1	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	IS(Mf)6	17:42:43	1.0	Surface	1	1	27.27	7.83	21.09	72.8	5.5	12.5	6.3	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	IS(Mf)6	17:42:07	1.0	Surface	1	2	27.26	7.83	21.1	73	5.52	12.9	6.7	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	IS(Mf)6	17:42:35	2.1	Bottom	3	1	27.26	7.83	21.09	72.8	5.5	17.4	7.8	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	IS(Mf)6	17:41:51	2.1	Bottom	3	2	27.26	7.82	21.08	72.7	5.48	18.1	7.6	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	IS7	17:49:24	1.0	Surface	1	1	27.17	7.82	20.99	73.8	5.57	9.3	7.6	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	IS7	17:49:49	1.0	Surface	1	2	27.18	7.83	20.88	73.9	5.59	9.7	7.9	

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	Site Observation
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	IS7	17:49:17	2.2	Bottom	3	1	27.13	7.8	21.28	73.8	5.55	11.8	10.2	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	IS7	17:49:35	2.2	Bottom	3	2	27.18	7.81	21.27	73.7	5.54	12.1	11.5	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	IS8	18:11:42	1.0	Surface	1	1	27	7.76	21.71	71.5	5.43	18.1	4.1	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	IS8	18:11:25	1.0	Surface	1	2	26.97	7.75	21.86	71.8	5.45	16.3	4.7	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	IS8	18:11:16	2.7	Bottom	3	1	26.93	7.72	24.1	71.9	5.42	17	4.5	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	IS8	18:11:34	2.7	Bottom	3	2	26.95	7.72	24.47	71.4	5.4	15.8	4.1	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	IS(Mf)9	17:54:27	1.0	Surface	1	1	27.11	7.8	20.19	73.7	5.57	9.9	2.8	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	IS(Mf)9	17:54:13	1.0	Surface	1	2	27.1	7.8	20.3	73.9	5.58	9.5	3.2	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	IS(Mf)9	17:54:20	2.3	Bottom	3	1	27	7.77	23.18	73.6	5.56	14.2	4.8	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	IS(Mf)9	17:54:06	2.3	Bottom	3	2	27.08	7.78	23.11	73.8	5.57	13.3	4.9	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	IS10	19:10:15	1.0	Surface	1	1	27.18	7.89	19.71	73.6	5.24	11.4	3.9	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	IS10	19:09:28	1.0	Surface	1	2	27.19	7.88	19.6	73.1	5.21	11.2	4.2	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	IS10	19:09:07	5.3	Middle	2	1	27	7.85	22.36	71	5.06	11.2	4.8	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	IS10	19:09:52	5.3	Middle	2	2	26.99	7.86	22.59	70.7	5.03	11.3	3.3	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	IS10	19:08:55	9.5	Bottom	3	1	26.92	7.82	24.68	69	4.79	11.5	4.2	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	IS10	19:09:42	9.5	Bottom	3	2	26.9	7.83	24.57	68.5	4.76	11.3	4.7	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	SR3	17:23:46	0.8	Middle	2	1	27.31	7.82	20.76	73.3	5.54	9.1	9.6	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	SR3	17:23:37	0.8	Middle	2	2	27.29	7.81	20.88	73.4	5.54	8.8	9.2	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	SR4	18:05:10	1.0	Surface	1	1	27.27	7.77	21.1	69.3	5.24	8.7	3.8	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	SR4	18:04:40	1.0	Surface	1	2	27.1	7.75	21.33	69.4	5.24	8.5	5.1	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	SR4	18:04:35	2.7	Bottom	3	1	27.05	7.74	23.58	69.2	5.23	9.3	5.4	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	SR4	18:05:01	2.7	Bottom	3	2	26.93	7.71	23.49	69.1	5.22	10.1	3.3	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	SR5	18:58:19	1.0	Surface	1	1	27.18	7.74	20	77.3	5.49	6.3	6.2	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	SR5	18:58:36	1.0	Surface	1	2	27.16	7.78	20.66	76.5	5.42	6.4	6.5	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	SR5	18:58:28	3.4	Bottom	3	1	27.16	7.75	21.07	77.2	5.45	6.2	5.1	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	SR5	18:58:11	3.4	Bottom	3	2	27.17	7.7	21.03	77	5.44	6.2	5	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	SR10A	19:23:18	1.0	Surface	1	1	26.18	7.75	25.79	71.9	5.46	5.3	3.5	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	SR10A	19:22:37	1.0	Surface	1	2	26.47	7.74	25.35	71.6	5.45	5.2	2.3	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	SR10A	19:22:23	3.6	Middle	2	1	25.91	7.75	26.76	71.1	5.4	5.8	2.9	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	SR10A	19:23:00	3.6	Middle	2	2	25.89	7.75	26.82	71.1	5.4	5.8	3.2	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	SR10A	19:22:50	6.1	Bottom	3	1	25.78	7.74	27.42	71.3	5.4	5.9	2.1	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	SR10A	19:22:11	6.1	Bottom	3	2	25.78	7.75	27.37	71.1	5.39	6	2.9	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	SR10B	19:34:48	1.0	Surface	1	1	26.14	7.76	25.11	71.4	5.43	5.7	3.1	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	SR10B	19:35:09	1.0	Surface	1	2	26.22	7.76	25.52	71.9	5.46	5.6	3.5	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	SR10B	19:34:38	4.8	Bottom	3	1	25.87	7.74	27.16	71.1	5.4	5.8	4	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	SR10B	19:34:57	4.8	Bottom	3	2	25.94	7.74	27.11	71.4	5.42	6.2	3.4	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	CS2	17:26:45	1.0	Surface	1	1	27.51	7.49	16.02	78.1	5.64	5.3	3.6	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	CS2	17:27:43	1.0	Surface	1	2	27.5	7.68	16.31	79.1	5.7	5.6	3.8	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	CS2	17:26:32	3.9	Middle	2	1	27.26	7.47	18.28	71.5	5.12	7	3.8	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	CS2	17:27:29	3.9	Middle	2	2	27.29	7.64	18.23	75.9	5.43	7.2	4.2	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	CS2	17:27:04	6.8	Bottom	3	1	27.06	7.51	21.79	70.3	4.96	7	3.2	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	CS2	17:26:12	6.8	Bottom	3	2	27.05	7.44	21.71	68.6	4.84	7.4	2.9	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	CS(Mf)5	18:46:41	1.0	Surface	1	1	26.74	7.8	22.04	70.3	5.36	4.7	2.8	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	CS(Mf)5	18:47:26	1.0	Surface	1	2	26.74	7.81	21.93	70.6	5.38	4.6	2.4	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	CS(Mf)5	18:46:22	6.9	Middle	2	1	26.02	7.73	27.23	68	5.19	7	2.1	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	CS(Mf)5	18:47:09	6.9	Middle	2	2	26.03	7.73	27.19	68.1	5.2	7.1	2.7	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	CS(Mf)5	18:47:00	12.7	Bottom	3	1	26.05	7.73	27.25	67.5	5.11	7	3.2	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	CS(Mf)5	18:46:14	12.7	Bottom	3	2	26.06	7.73	27.25	67.6	5.11	6.7	2.4	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	IS5	12:17:48	1.0	Surface	1	1	28.92	7.99	14.97	82.8	5.87	6.5	3.2	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	IS5	12:18:32	1.0	Surface	1	2	28.91	8	14.98	84	5.96	6.7	3.2	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	IS5	12:17:30	4.3	Middle	2	1	26.93	7.79	28.32	72.9	5.17	12.4	4.2	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	IS5	12:18:12	4.3	Middle	2	2	26.91	7.79	28.38	73.5	5.22	12.4	3.7	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	IS5	12:18:02	7.6	Bottom	3	1	26.87	7.8	29.15	71.7	4.86	11.2	3.1	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	IS5	12:17:19	7.6	Bottom	3	2	26.87	7.81	29.18	76.4	5.18	11.4	4.8	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	IS(Mf)6	12:10:03	1.0	Surface	1	1	28.96	7.95	16.21	88.6	6.23	13.9	2.8	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	IS(Mf)6	12:09:41	1.0	Surface	1	2	29	7.95	16.41	89.4	6.28	13.8	3.1	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	IS(Mf)6	12:09:52	2.3	Bottom	3	1	28.48	7.88	18.77	85.5	5.98	14.6	3.3	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	IS(Mf)6	12:09:24	2.3	Bottom	3	2	28.31	7.84	20.59	82.8	5.75	14.5	3.4	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	IS7	12:03:37	1.0	Surface	1	1	28.53	7.87	16.17	80.7	5.72	7.4	2.9	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	IS7	12:03:11	1.0	Surface	1	2	28.49	7.87	16.26	79.6	5.65	7.4	3	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	IS7	12:03:25	2.3	Bottom	3	1	28.16	7.8	18.59	76.5	5.38	9.2	3.4	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	IS7	12:02:57	2.3	Bottom	3	2	28.13	7.78	18.86	75.5	5.31	9.2	3.6	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	IS8	11:40:00	1.0	Surface	1	1	28.47	7.92	16.83	82.1	5.8	5.9	5.8	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	IS8	11:39:29	1.0	Surface	1	2	28.22	7.9	17.02	81.9	5.81	6.1	6.1	

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	Site Observation
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	IS8	11:39:23	2.8	Bottom	3	1	28.2	7.88	19.03	77.9	5.49	6.1	5.2	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	IS8	11:39:50	2.8	Bottom	3	2	28	7.83	18.87	76.6	5.4	6.1	5.9	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	IS(Mf)9	11:56:54	1.0	Surface	1	1	28.3	7.93	17.4	83.8	5.92	5.5	3.4	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	IS(Mf)9	11:56:33	1.0	Surface	1	2	28.26	7.91	17.6	81	5.72	5.4	3.8	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	IS(Mf)9	11:56:43	2.5	Bottom	3	1	27.87	7.84	20.79	80.4	5.62	5.8	5.2	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	IS(Mf)9	11:56:23	2.5	Bottom	3	2	27.73	7.83	20.28	78.3	5.5	5.7	4.2	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	IS10	11:13:25	1.0	Surface	1	1	28.47	8	14.74	79.3	5.68	3.4	2.5	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	IS10	11:14:23	1.0	Surface	1	2	28.2	7.99	15.26	80.5	5.76	3.7	2.8	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	IS10	11:14:01	5.3	Middle	2	1	27.29	7.92	25.34	76.2	5.43	5	2.3	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	IS10	11:12:58	5.3	Middle	2	2	27.66	7.92	24.09	76.7	5.46	4.7	2.8	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	IS10	11:13:46	9.6	Bottom	3	1	27	7.87	27.37	76	5.33	9.1	3.6	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	IS10	11:12:37	9.6	Bottom	3	2	26.96	7.88	27.25	76.3	5.36	9.6	2.2	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	SR3	12:25:15	0.6	Middle	2	1	29.06	8	14.51	101.6	7.2	4.5	2.4	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	SR3	12:25:07	0.6	Middle	2	2	29.03	8	14.59	101	7.17	4.5	2.3	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	SR4	11:45:57	1.0	Surface	1	1	28.32	7.81	17.27	76.9	5.42	6.1	1	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	SR4	11:45:39	1.0	Surface	1	2	28.41	7.83	17.51	78.3	5.52	6.2	1.7	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	SR4	11:45:45	2.7	Bottom	3	1	28.24	7.81	18.05	75.5	5.34	7.4	1.5	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	SR4	11:45:25	2.7	Bottom	3	2	28.2	7.81	18.52	77.9	5.49	7.1	1.7	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	SR5	11:25:41	1.0	Surface	1	1	28.77	8.07	11.21	81.2	5.8	3.9	1.3	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	SR5	11:26:06	1.0	Surface	1	2	28.66	8.05	11.32	81.3	5.81	3.8	1.2	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	SR5	11:25:26	4.5	Bottom	3	1	27.16	7.88	25.9	77.9	5.55	4.4	1.9	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	SR5	11:25:50	4.5	Bottom	3	2	27.79	7.88	24.6	78.4	5.59	4.3	1.5	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	SR10A	10:23:54	1.0	Surface	1	1	28.11	7.81	15.6	85.8	6.15	2.5	0.6	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	SR10A	10:23:25	1.0	Surface	1	2	28.11	7.82	15.59	85.4	6.12	2.6	0.8	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	SR10A	10:23:43	3.2	Middle	2	1	27.79	7.81	17.38	84.3	6.02	2.5	1.1	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	SR10A	10:23:13	3.2	Middle	2	2	27.65	7.81	17.37	83.4	5.97	2.6	1.3	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	SR10A	10:23:02	5.3	Bottom	3	1	27.64	7.8	18.13	84.2	6	2.5	1.4	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	SR10A	10:23:33	5.3	Bottom	3	2	27.82	7.79	18.2	84.9	6.03	2.5	1.4	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	SR10B	10:16:14	1.0	Surface	1	1	27.13	7.81	19.15	74.2	5.3	3.7	1.1	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	SR10B	10:15:59	1.0	Surface	1	2	27.57	7.83	17.94	74.4	5.31	3.8	1.3	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	SR10B	10:15:47	3.8	Bottom	3	1	26.33	7.76	24.62	72.7	5.11	3.9	1.6	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	SR10B	10:16:07	3.8	Bottom	3	2	26.85	7.78	23.04	74.6	5.24	3.8	1.3	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	CS2	12:38:39	1.0	Surface	1	1	28.66	8	13.93	76.9	5.49	3.2	1.3	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	CS2	12:39:34	1.0	Surface	1	2	28.66	8	13.97	76.9	5.47	3.3	1.2	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	CS2	12:38:23	3.3	Middle	2	1	28.37	8	14.79	72.9	5.18	3.6	2.6	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	CS2	12:39:19	3.3	Middle	2	2	28.43	8.01	14.56	73	5.19	3.7	2.7	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	CS2	12:39:00	5.5	Bottom	3	1	27.57	7.9	25.42	71.8	5.12	5.2	3.1	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	CS2	12:38:05	5.5	Bottom	3	2	27.51	7.87	23.37	73.1	5.18	5.7	2.7	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	CS(Mf)5	11:03:34	1.0	Surface	1	1	28.41	7.85	14.27	78	5.6	3.9	2.5	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	CS(Mf)5	11:02:46	1.0	Surface	1	2	28.35	7.86	14.38	78.5	5.64	3.9	2.9	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	CS(Mf)5	11:03:13	6.5	Middle	2	1	26.39	7.78	25.03	70.8	5.1	5.7	2.6	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	CS(Mf)5	11:02:24	6.5	Middle	2	2	26.34	7.78	25.02	70.5	5.07	5.6	3.8	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	CS(Mf)5	11:03:01	11.9	Bottom	3	1	24.64	7.71	31.94	69.4	4.81	6.6	3.2	
HKLR	HY/2011/03	2013-09-02	Mid-Ebb	Sunny	CS(Mf)5	11:02:13	11.9	Bottom	3	2	24.56	7.72	32	68.4	4.75	6.5	2.9	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	IS5	16:56:48	1.0	Surface	1	1	29.41	8.09	16.78	102	7.1	12.7	10.5	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	IS5	16:57:36	1.0	Surface	1	2	29.69	8.11	16.32	103.7	7.2	12.2	11.7	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	IS5	16:57:19	4.3	Middle	2	1	28.02	7.86	20.33	77.2	5.28	12.3	13.1	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	IS5	16:56:30	4.3	Middle	2	2	27.9	7.87	20.24	77	5.27	12.5	12.6	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	IS5	16:56:21	7.5	Bottom	3	1	27.18	7.82	26.64	68.3	4.79	13.4	12.9	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	IS5	16:57:04	7.5	Bottom	3	2	27.17	7.82	26.82	67.8	4.74	13.5	12.5	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	IS(Mf)6	17:05:36	1.0	Surface	1	1	29.84	8.21	16.09	128.4	8.91	8.2	4.6	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	IS(Mf)6	17:05:20	1.0	Surface	1	2	29.8	8.18	16.11	124.1	8.61	8.3	5	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	IS(Mf)6	17:05:10	2.1	Bottom	3	1	29.46	8.13	16.1	123.7	8.59	8.2	5.2	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	IS(Mf)6	17:05:26	2.1	Bottom	3	2	29.61	8.17	17.2	127.2	8.81	8.3	6.4	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	IS7	17:12:53	1.0	Surface	1	1	29.77	8.25	15.66	137.7	9.59	5.7	4.1	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	IS7	17:13:12	1.0	Surface	1	2	29.79	8.25	15.81	138.9	9.66	5.7	4.8	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	IS7	17:13:01	2.1	Bottom	3	1	29.82	8.24	15.96	138.2	9.6	5.9	5.6	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	IS7	17:12:39	2.1	Bottom	3	2	29.79	8.23	15.92	135.4	9.41	5.8	4.5	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	IS8	17:37:42	1.0	Surface	1	1	28.99	8.09	15.45	109	7.7	6.2	3.4	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	IS8	17:37:13	1.0	Surface	1	2	28.95	8.09	15.67	107.6	7.59	6.3	2.1	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	IS8	17:37:33	2.8	Bottom	3	1	28.55	7.99	17.48	103.3	7.27	6.4	2.4	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	IS8	17:37:03	2.8	Bottom	3	2	28.45	7.98	17.96	104	7.31	6.5	2.7	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	IS(Mf)9	17:21:00	1.0	Surface	1	1	29.11	8.08	14.98	112.5	7.95	8.2	3.5	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	IS(Mf)9	17:20:44	1.0	Surface	1	2	29.03	8.07	15.02	112	7.86	8.4	4.3	

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	Site Observation
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	IS(Mf)9	17:20:52	2.7	Bottom	3	1	29.04	8.06	16.46	109.7	7.76	8.7	3.7	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	IS(Mf)9	17:20:35	2.7	Bottom	3	2	28.83	8.04	17.14	110.2	7.74	8.5	3.3	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	IS10	18:04:09	1.0	Surface	1	1	29.16	8.12	16.03	83.2	5.89	13.8	16.1	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	IS10	18:03:21	1.0	Surface	1	2	29.13	8.11	16.06	82	5.81	14.5	15.2	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	IS10	18:03:52	5.5	Middle	2	1	26.45	7.93	25.68	74.1	5.23	15.6	20.5	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	IS10	18:03:03	5.5	Middle	2	2	26.98	7.92	26.04	74.2	5.25	16.5	21	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	IS10	18:03:41	10.0	Bottom	3	1	26.13	7.92	28.13	70.1	5.02	17	20	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	IS10	18:02:51	10.0	Bottom	3	2	26.02	7.91	28.43	70.9	5.04	18.3	20.4	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	SR3	16:46:07	0.7	Middle	2	1	29.73	8.17	16.29	128.4	8.91	9.5	11.7	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	SR3	16:46:14	0.7	Middle	2	2	29.61	8.15	16.42	125.5	8.72	9.6	10.4	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	SR4	17:31:13	1.0	Surface	1	1	29.42	8.01	13.89	103.1	7.22	4.8	4.1	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	SR4	17:30:54	1.0	Surface	1	2	29.41	8.02	13.92	102.2	7.23	4.8	3.5	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	SR4	17:30:44	2.7	Bottom	3	1	29.11	7.98	18.82	103.3	7.15	5.1	3.9	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	SR4	17:31:01	2.7	Bottom	3	2	28.26	7.97	19.3	100.8	7.13	5	3.1	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	SR5	17:51:15	1.0	Surface	1	1	29.09	8.09	16.09	84.3	5.98	15	14.4	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	SR5	17:50:32	1.0	Surface	1	2	29.01	8.07	16.13	84.3	5.97	15.6	15.9	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	SR5	17:50:17	4.7	Bottom	3	1	27.86	7.96	20.72	81.9	5.81	13	13.5	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	SR5	17:50:51	4.7	Bottom	3	2	27.73	7.96	21.03	81.5	5.77	11.8	14.8	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	SR10A	18:51:50	1.0	Surface	1	1	26.29	7.81	26.2	74.2	5.27	3.4	4.2	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	SR10A	18:51:20	1.0	Surface	1	2	26.24	7.81	26.32	76.9	5.45	3.3	3.7	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	SR10A	18:51:39	3.3	Middle	2	1	26.1	7.8	26.69	73.9	5.23	3.3	2.6	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	SR10A	18:51:11	3.3	Middle	2	2	26.11	7.81	26.71	74.8	5.3	3.3	2.8	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	SR10A	18:51:02	5.6	Bottom	3	1	26.14	7.8	26.73	74.8	5.3	3.3	4.2	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	SR10A	18:51:29	5.6	Bottom	3	2	26.04	7.8	27.43	72.8	5.17	3.3	3.7	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	SR10B	19:01:02	1.0	Surface	1	1	26.27	7.81	26.18	75	5.33	3.6	3	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	SR10B	19:01:18	1.0	Surface	1	2	26.29	7.81	26.06	73.9	5.25	3.5	2.8	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	SR10B	19:01:10	4.1	Bottom	3	1	26.28	7.81	26.65	73.8	5.23	3.6	4	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	SR10B	19:00:54	4.1	Bottom	3	2	26.28	7.81	26.32	75	5.32	3.6	5.2	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	CS2	16:41:56	1.0	Surface	1	1	29.22	8.08	13.7	81	5.77	4.2	3.1	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	CS2	16:40:50	1.0	Surface	1	2	29.28	8.04	13.51	81.1	5.77	4.1	4.2	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	CS2	16:40:25	3.4	Middle	2	1	27.59	7.81	20.66	75.4	5.4	4.3	3.7	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	CS2	16:41:35	3.4	Middle	2	2	27.59	7.9	20.62	76.8	5.48	4.8	4	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	CS2	16:39:56	5.8	Bottom	3	1	27.33	7.65	23.36	75.6	5.39	6.5	3.5	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	CS2	16:41:13	5.8	Bottom	3	2	27.1	7.86	25.07	74.1	5.29	7	3.8	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	CS(Mf)5	18:20:48	1.0	Surface	1	1	27.63	7.88	19.5	75.6	5.34	4.7	2.4	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	CS(Mf)5	18:19:49	1.0	Surface	1	2	27.3	7.83	21.04	73.9	5.21	4.6	2.2	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	CS(Mf)5	18:20:30	6.4	Middle	2	1	25.35	7.74	28.8	72.5	5.12	8.7	2.2	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	CS(Mf)5	18:19:22	6.4	Middle	2	2	25.09	7.73	29.82	71.4	5.03	8.9	2.6	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	CS(Mf)5	18:20:22	11.8	Bottom	3	1	24.89	7.74	31.07	69.1	4.88	8.6	2.3	
HKLR	HY/2011/03	2013-09-02	Mid-Flood	Sunny	CS(Mf)5	18:19:14	11.8	Bottom	3	2	24.83	7.73	31.02	67.2	4.73	8.8	3.6	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	IS5	13:04:25	1.0	Surface	1	1	27.15	7.85	18.62	68.6	5.18	10.6	11.4	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	IS5	13:03:40	1.0	Surface	1	2	27.16	7.84	19.91	68.3	5.16	11.4	10.8	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	IS5	13:04:08	4.7	Middle	2	1	26.84	7.78	26.14	66.5	5.03	14.2	11.4	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	IS5	13:03:28	4.7	Middle	2	2	26.77	7.77	26.98	66.8	5.05	15	9.6	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	IS5	13:03:14	8.3	Bottom	3	1	26.74	7.76	27.34	67.1	5.07	15.1	10.9	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	IS5	13:03:54	8.3	Bottom	3	2	26.81	7.76	27.31	66.7	5.04	14.7	11	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	IS(Mf)6	12:55:35	1.0	Surface	1	1	27.39	7.79	20.27	71.7	5.41	19.1	8.3	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	IS(Mf)6	12:55:01	1.0	Surface	1	2	27.49	7.82	19.37	71.8	5.42	18.2	8.8	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	IS(Mf)6	12:55:26	2.1	Bottom	3	1	27.32	7.76	22.72	71.4	5.4	19.6	8.5	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	IS(Mf)6	12:54:48	2.1	Bottom	3	2	27.18	7.74	23.13	71.3	5.38	20.7	9.6	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	IS7	12:49:07	1.0	Surface	1	1	27.23	7.77	21.29	71.4	5.39	9.8	4	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	IS7	12:48:44	1.0	Surface	1	2	26.99	7.76	21.64	71.4	5.4	10.6	3.2	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	IS7	12:48:36	2.5	Bottom	3	1	26.97	7.74	24.32	70.8	5.35	11.5	3.7	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	IS7	12:48:57	2.5	Bottom	3	2	26.97	7.75	23.5	71.1	5.38	11.1	3.2	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	IS8	12:26:43	1.0	Surface	1	1	27.31	7.78	20.67	69.7	5.32	8.6	5.2	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	IS8	12:26:25	1.0	Surface	1	2	27.31	7.78	20.78	69.6	5.31	8.9	4.1	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	IS8	12:26:19	2.6	Bottom	3	1	27.32	7.76	22.62	69.4	5.29	8.7	4.5	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	IS8	12:26:35	2.6	Bottom	3	2	27.22	7.75	22.89	69.6	5.31	9	3.5	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	IS(Mf)9	12:43:02	1.0	Surface	1	1	27.12	7.8	20.3	69.5	5.29	11.1	2.7	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	IS(Mf)9	12:43:20	1.0	Surface	1	2	27.08	7.8	20.38	69.5	5.29	11.8	3	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	IS(Mf)9	12:43:12	2.5	Bottom	3	1	26.89	7.77	21.85	69.3	5.24	13.6	3.9	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	IS(Mf)9	12:42:54	2.5	Bottom	3	2	27.05	7.77	22.86	69.3	5.25	12.7	3	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	IS10	12:30:14	1.0	Surface	1	1	27.16	7.86	19.28	76.4	5.45	6.7	3.5	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	IS10	12:29:35	1.0	Surface	1	2	27.16	7.81	19.35	74.9	5.34	6.7	2.1	

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L	Site Observation
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	IS10	12:30:03	5.3	Middle	2	1	27.15	7.81	21.29	71.8	5.12	8.6	3.5	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	IS10	12:29:23	5.3	Middle	2	2	27.16	7.74	22.13	71.6	5.11	8.9	2.6	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	IS10	12:29:54	9.5	Bottom	3	1	27.05	7.76	25.17	66.7	4.71	10.9	3.1	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	IS10	12:29:11	9.5	Bottom	3	2	27.03	7.68	25.05	71.6	4.96	10.9	3.7	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	SR3	13:13:28	0.8	Middle	2	1	27.23	7.82	18.99	69.7	5.27	8.7	11.3	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	SR3	13:13:18	0.8	Middle	2	2	27.2	7.82	18.79	69.7	5.26	9.3	10.5	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	SR4	12:32:04	1.0	Surface	1	1	27	7.72	21.62	69.3	5.28	12.7	7.6	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	SR4	12:31:45	1.0	Surface	1	2	27.01	7.72	21.95	69.4	5.29	12.1	8.2	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	SR4	12:31:54	2.5	Bottom	3	1	26.88	7.69	23.98	69.2	5.27	14.1	12.5	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	SR4	12:31:37	2.5	Bottom	3	2	26.9	7.69	23.94	69.4	5.28	12.9	11.8	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	SR5	12:38:45	1.0	Surface	1	1	27.12	7.89	19.33	77.9	5.56	2.5	3.5	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	SR5	12:39:06	1.0	Surface	1	2	27.16	7.89	19.49	78.6	5.6	2.7	4.3	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	SR5	12:38:56	3.6	Bottom	3	1	27.22	7.88	19.94	78.8	5.59	2.5	2	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	SR5	12:38:32	3.6	Bottom	3	2	27.23	7.85	20.87	76	5.36	2.5	3	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	SR10A	11:09:30	1.0	Surface	1	1	26.27	7.78	23.73	68.2	5.17	2.7	3	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	SR10A	11:10:04	1.0	Surface	1	2	26.15	7.78	24.37	68.4	5.18	2.8	2.4	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	SR10A	11:09:18	3.4	Middle	2	1	26.07	7.77	24.94	67.7	5.13	2.9	2.8	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	SR10A	11:09:57	3.4	Middle	2	2	26.1	7.77	24.75	67.8	5.13	2.8	2.4	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	SR10A	11:09:46	5.7	Bottom	3	1	26.11	7.77	24.82	67.6	5.13	2.9	4.9	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	SR10A	11:09:09	5.7	Bottom	3	2	26.07	7.77	25.02	67.6	5.11	3	5.6	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	SR10B	11:03:10	1.0	Surface	1	1	25.87	7.75	25.33	67.6	5.11	4.1	6.1	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	SR10B	11:02:33	1.0	Surface	1	2	25.86	7.75	25.37	67.6	5.11	4.2	5.6	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	SR10B	11:02:22	4.6	Bottom	3	1	25.84	7.75	25.44	67.3	5.08	4.2	6.2	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	SR10B	11:02:58	4.6	Bottom	3	2	25.79	7.75	25.69	67.1	5.07	4.6	7.1	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	CS2	14:03:43	1.0	Surface	1	1	27.14	7.91	19.29	77.4	5.53	6.4	4.5	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	CS2	14:02:54	1.0	Surface	1	2	27.11	7.9	19.38	75.4	5.38	6.1	3.1	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	CS2	14:02:45	3.9	Middle	2	1	26.93	7.84	24.92	77.5	5.4	8.5	3.5	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	CS2	14:03:31	3.9	Middle	2	2	26.97	7.86	24.26	72.6	5.06	8.5	3.4	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	CS2	14:02:32	6.7	Bottom	3	1	26.93	7.82	25.23	72.3	5.05	8.3	3.7	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	CS2	14:03:16	6.7	Bottom	3	2	26.93	7.85	25.14	71	4.96	8.3	4.8	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	CS(Mf)5	11:50:39	1.0	Surface	1	1	26.81	7.79	21.71	69.1	5.27	4.2	4.1	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	CS(Mf)5	11:51:32	1.0	Surface	1	2	26.8	7.8	21.67	68.9	5.26	4.2	3.7	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	CS(Mf)5	11:51:14	6.9	Middle	2	1	26.03	7.75	26.25	66.9	5.08	3.9	4.3	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	CS(Mf)5	11:50:12	6.9	Middle	2	2	25.96	7.75	26.44	67.1	5.1	4	4.2	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	CS(Mf)5	11:50:57	12.7	Bottom	3	1	25.93	7.74	26.66	66.9	5.06	3.9	4	
HKLR	HY/2011/03	2013-09-04	Mid-Ebb	Rainy	CS(Mf)5	11:50:02	12.7	Bottom	3	2	25.89	7.73	26.92	66.8	5.05	4	4.9	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	IS5	17:34:50	1.0	Surface	1	1	27.3	7.81	20.76	71.6	5.4	9.9	5.1	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	IS5	17:34:14	1.0	Surface	1	2	27.29	7.81	20.92	71.2	5.38	9.9	5.6	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	IS5	17:33:59	4.9	Middle	2	1	27.2	7.79	21.79	69.1	5.22	10.5	7.7	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	IS5	17:34:38	4.9	Middle	2	2	27.17	7.78	22.3	69.2	5.22	10.4	7.9	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	IS5	17:34:28	8.8	Bottom	3	1	27.19	7.78	22.32	69.6	5.24	10.4	8	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	IS5	17:33:51	8.8	Bottom	3	2	27.18	7.78	22.35	69.3	5.22	11.1	8.1	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	IS(Mf)6	17:42:43	1.0	Surface	1	1	27.27	7.83	21.09	72.8	5.5	12.5	6.3	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	IS(Mf)6	17:42:07	1.0	Surface	1	2	27.26	7.83	21.1	73	5.52	12.9	6.7	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	IS(Mf)6	17:42:35	2.1	Bottom	3	1	27.26	7.83	21.09	72.8	5.5	17.4	7.8	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	IS(Mf)6	17:41:51	2.1	Bottom	3	2	27.26	7.82	21.08	72.7	5.48	18.1	7.6	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	IS7	17:49:24	1.0	Surface	1	1	27.17	7.82	20.99	73.8	5.57	9.3	7.6	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	IS7	17:49:49	1.0	Surface	1	2	27.18	7.83	20.88	73.9	5.59	9.7	7.9	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	IS7	17:49:17	2.2	Bottom	3	1	27.13	7.8	21.28	73.8	5.55	11.8	10.2	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	IS7	17:49:35	2.2	Bottom	3	2	27.18	7.81	21.27	73.7	5.54	12.1	11.5	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	IS8	18:11:42	1.0	Surface	1	1	27	7.76	21.71	71.5	5.43	18.1	4.1	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	IS8	18:11:25	1.0	Surface	1	2	26.97	7.75	21.86	71.8	5.45	16.3	4.7	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	IS8	18:11:16	2.7	Bottom	3	1	26.93	7.72	24.1	71.9	5.42	17	4.5	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	IS8	18:11:34	2.7	Bottom	3	2	26.95	7.72	24.47	71.4	5.4	15.8	4.1	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	IS(Mf)9	17:54:27	1.0	Surface	1	1	27.11	7.8	20.19	73.7	5.57	9.9	2.8	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	IS(Mf)9	17:54:13	1.0	Surface	1	2	27.1	7.8	20.3	73.9	5.58	9.5	3.2	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	IS(Mf)9	17:54:20	2.3	Bottom	3	1	27	7.77	23.18	73.6	5.56	14.2	4.8	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	IS(Mf)9	17:54:06	2.3	Bottom	3	2	27.08	7.78	23.11	73.8	5.57	13.3	4.9	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	IS10	19:10:15	1.0	Surface	1	1	27.18	7.89	19.71	73.6	5.24	11.4	3.9	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	IS10	19:09:28	1.0	Surface	1	2	27.19	7.88	19.6	73.1	5.21	11.2	4.2	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	IS10	19:09:07	5.3	Middle	2	1	27	7.85	22.36	71	5.06	11.2	4.8	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	IS10	19:09:52	5.3	Middle	2	2	26.99	7.86	22.59	70.7	5.03	11.3	3.3	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	IS10	19:08:55	9.5	Bottom	3	1	26.92	7.82	24.68	69	4.79	11.5	4.2	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	IS10	19:09:42	9.5	Bottom	3	2	26.9	7.83	24.57	68.5	4.76	11.3	4.7	

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	Site Observation
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	SR3	17:23:46	0.8	Middle	2	1	27.31	7.82	20.76	73.3	5.54	9.1	9.6	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	SR3	17:23:37	0.8	Middle	2	2	27.29	7.81	20.88	73.4	5.54	8.8	9.2	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	SR4	18:05:10	1.0	Surface	1	1	27.27	7.77	21.1	69.3	5.24	8.7	3.8	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	SR4	18:04:40	1.0	Surface	1	2	27.1	7.75	21.33	69.4	5.24	8.5	5.1	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	SR4	18:04:35	2.7	Bottom	3	1	27.05	7.74	23.58	69.2	5.23	9.3	5.4	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	SR4	18:05:01	2.7	Bottom	3	2	26.93	7.71	23.49	69.1	5.22	10.1	3.3	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	SR5	18:58:19	1.0	Surface	1	1	27.18	7.74	20	77.3	5.49	6.3	6.2	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	SR5	18:58:36	1.0	Surface	1	2	27.16	7.78	20.66	76.5	5.42	6.4	6.5	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	SR5	18:58:28	3.4	Bottom	3	1	27.16	7.75	21.07	77.2	5.45	6.2	5.1	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	SR5	18:58:11	3.4	Bottom	3	2	27.17	7.7	21.03	77	5.44	6.2	5	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	SR10A	19:23:18	1.0	Surface	1	1	26.18	7.75	25.79	71.9	5.46	5.3	3.5	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	SR10A	19:22:37	1.0	Surface	1	2	26.47	7.74	25.35	71.6	5.45	5.2	2.3	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	SR10A	19:22:23	3.6	Middle	2	1	25.91	7.75	26.76	71.1	5.4	5.8	2.9	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	SR10A	19:23:00	3.6	Middle	2	2	25.89	7.75	26.82	71.1	5.4	5.8	3.2	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	SR10A	19:22:50	6.1	Bottom	3	1	25.78	7.74	27.42	71.3	5.4	5.9	2.1	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	SR10A	19:22:11	6.1	Bottom	3	2	25.78	7.75	27.37	71.1	5.39	6	2.9	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	SR10B	19:34:48	1.0	Surface	1	1	26.14	7.76	25.11	71.4	5.43	5.7	3.1	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	SR10B	19:35:09	1.0	Surface	1	2	26.22	7.76	25.52	71.9	5.46	5.6	3.5	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	SR10B	19:34:38	4.8	Bottom	3	1	25.87	7.74	27.16	71.1	5.4	5.8	4	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	SR10B	19:34:57	4.8	Bottom	3	2	25.94	7.74	27.11	71.4	5.42	6.2	3.4	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	CS2	17:26:45	1.0	Surface	1	1	27.51	7.49	16.02	78.1	5.64	5.3	3.6	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	CS2	17:27:43	1.0	Surface	1	2	27.5	7.68	16.31	79.1	5.7	5.6	3.8	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	CS2	17:26:32	3.9	Middle	2	1	27.26	7.47	18.28	71.5	5.12	7	3.8	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	CS2	17:27:29	3.9	Middle	2	2	27.29	7.64	18.23	75.9	5.43	7.2	4.2	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	CS2	17:27:04	6.8	Bottom	3	1	27.06	7.51	21.79	70.3	4.96	7	3.2	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	CS2	17:26:12	6.8	Bottom	3	2	27.05	7.44	21.71	68.6	4.84	7.4	2.9	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	CS(Mf)5	18:46:41	1.0	Surface	1	1	26.74	7.8	22.04	70.3	5.36	4.7	2.8	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	CS(Mf)5	18:47:26	1.0	Surface	1	2	26.74	7.81	21.93	70.6	5.38	4.6	2.4	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	CS(Mf)5	18:46:22	6.9	Middle	2	1	26.02	7.73	27.23	68	5.19	7	2.1	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	CS(Mf)5	18:47:09	6.9	Middle	2	2	26.03	7.73	27.19	68.1	5.2	7.1	2.7	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	CS(Mf)5	18:47:00	12.7	Bottom	3	1	26.05	7.73	27.25	67.5	5.11	7	3.2	
HKLR	HY/2011/03	2013-09-04	Mid-Flood	Cloudy	CS(Mf)5	18:46:14	12.7	Bottom	3	2	26.06	7.73	27.25	67.6	5.11	6.7	2.4	
HKLR	HY/2011/03	2013-09-06	Mid-Ebb	Sunny	IS5	14:10:04	1.0	Surface	1	1	26.88	7.75	21.5	90.1	6.39	11.8	7	
HKLR	HY/2011/03	2013-09-06	Mid-Ebb	Sunny	IS5	14:10:46	1.0	Surface	1	2	26.85	7.75	21.52	90.1	6.39	11.5	8.2	
HKLR	HY/2011/03	2013-09-06	Mid-Ebb	Sunny	IS5	14:09:51	4.9	Middle	2	1	26.66	7.76	22.02	88.3	6.25	15.9	6.1	
HKLR	HY/2011/03	2013-09-06	Mid-Ebb	Sunny	IS5	14:10:32	4.9	Middle	2	2	26.67	7.75	21.93	88.5	6.28	14.6	5.9	
HKLR	HY/2011/03	2013-09-06	Mid-Ebb	Sunny	IS5	14:10:18	8.8	Bottom	3	1	26.68	7.75	22	89.5	6.34	16	5.7	
HKLR	HY/2011/03	2013-09-06	Mid-Ebb	Sunny	IS5	14:09:42	8.8	Bottom	3	2	26.66	7.75	22.12	88.9	6.29	16.3	5.6	
HKLR	HY/2011/03	2013-09-06	Mid-Ebb	Sunny	IS(Mf)6	14:01:14	1.0	Surface	1	1	27.01	7.75	20.86	98.9	7.01	7.8	2.1	
HKLR	HY/2011/03	2013-09-06	Mid-Ebb	Sunny	IS(Mf)6	14:02:19	1.0	Surface	1	2	27.26	7.75	20.58	101.8	7.19	7.1	3.2	
HKLR	HY/2011/03	2013-09-06	Mid-Ebb	Sunny	IS(Mf)6	14:01:04	2.2	Bottom	3	1	26.9	7.75	20.96	98.6	7	15	2.7	
HKLR	HY/2011/03	2013-09-06	Mid-Ebb	Sunny	IS(Mf)6	14:02:03	2.2	Bottom	3	2	26.87	7.74	21.08	103.4	7.34	14.3	2.9	
HKLR	HY/2011/03	2013-09-06	Mid-Ebb	Sunny	IS7	13:55:15	1.0	Surface	1	1	26.94	7.75	20.69	89	6.33	9.6	3.4	
HKLR	HY/2011/03	2013-09-06	Mid-Ebb	Sunny	IS7	13:55:34	1.0	Surface	1	2	26.82	7.74	20.84	86.9	6.19	10.6	2.8	
HKLR	HY/2011/03	2013-09-06	Mid-Ebb	Sunny	IS7	13:55:03	2.7	Bottom	3	1	26.52	7.72	23.22	86	6.06	13.8	5.1	
HKLR	HY/2011/03	2013-09-06	Mid-Ebb	Sunny	IS7	13:55:27	2.7	Bottom	3	2	26.57	7.71	23.48	88.1	6.2	13.1	4.5	
HKLR	HY/2011/03	2013-09-06	Mid-Ebb	Sunny	IS8	13:33:54	1.0	Surface	1	1	26.85	7.74	21.08	93.5	6.64	7.3	4.6	
HKLR	HY/2011/03	2013-09-06	Mid-Ebb	Sunny	IS8	13:33:32	1.0	Surface	1	2	26.78	7.74	21.1	94	6.69	7.2	4.8	
HKLR	HY/2011/03	2013-09-06	Mid-Ebb	Sunny	IS8	13:33:23	2.7	Bottom	3	1	26.67	7.74	21.4	94.4	6.71	7.9	7.6	
HKLR	HY/2011/03	2013-09-06	Mid-Ebb	Sunny	IS8	13:33:43	2.7	Bottom	3	2	26.64	7.73	21.43	93	6.61	8.7	6.4	
HKLR	HY/2011/03	2013-09-06	Mid-Ebb	Sunny	IS(Mf)9	13:49:05	1.0	Surface	1	1	27.27	7.73	20.65	94.9	6.7	9.5	5.1	
HKLR	HY/2011/03	2013-09-06	Mid-Ebb	Sunny	IS(Mf)9	13:49:25	1.0	Surface	1	2	27.27	7.73	20.64	95	6.71	8.9	3.8	
HKLR	HY/2011/03	2013-09-06	Mid-Ebb	Sunny	IS(Mf)9	13:49:14	2.4	Bottom	3	1	27.11	7.73	21.04	94.4	6.68	15.1	5	
HKLR	HY/2011/03	2013-09-06	Mid-Ebb	Sunny	IS(Mf)9	13:48:54	2.4	Bottom	3	2	26.97	7.72	21.4	93.3	6.59	16	4.4	
HKLR	HY/2011/03	2013-09-06	Mid-Ebb	Sunny	IS10	13:21:22	1.0	Surface	1	1	27.49	7.81	17.56	71.4	5.11	4	3.3	
HKLR	HY/2011/03	2013-09-06	Mid-Ebb	Sunny	IS10	13:22:18	1.0	Surface	1	2	27.53	7.8	17.56	73.1	5.23	4.1	3.2	
HKLR	HY/2011/03	2013-09-06	Mid-Ebb	Sunny	IS10	13:21:07	5.4	Middle	2	1	26.96	7.8	20.52	70.3	5.03	6.5	3.3	
HKLR	HY/2011/03	2013-09-06	Mid-Ebb	Sunny	IS10	13:21:55	5.4	Middle	2	2	26.99	7.8	20.36	72.5	5.19	6.3	4.7	
HKLR	HY/2011/03	2013-09-06	Mid-Ebb	Sunny	IS10	13:20:45	9.7	Bottom	3	1	27.05	7.77	20.9	67.3	4.78	7.6	3.9	
HKLR	HY/2011/03	2013-09-06	Mid-Ebb	Sunny	IS10	13:21:42	9.7	Bottom	3	2	27.07	7.78	20.86	70.5	4.99	7.8	3.3	
HKLR	HY/2011/03	2013-09-06	Mid-Ebb	Sunny	SR3	14:17:37	0.8	Middle	2	1	26.9	7.75	21.47	92.3	6.54	8.4	6.8	
HKLR	HY/2011/03	2013-09-06	Mid-Ebb	Sunny	SR3	14:17:43	0.8	Middle	2	2	26.91	7.75	21.48	92.5	6.55	8.3	7.4	
HKLR	HY/2011/03	2013-09-06	Mid-Ebb	Sunny	SR4	13:39:19	1.0	Surface	1	1	26.8	7.71	18.81	85.3	6.14	6	3.6	
HKLR	HY/2011/03	2013-09-06	Mid-Ebb	Sunny	SR4	13:38:59	1.0	Surface	1	2	26.8	7.69	19.29	86.6	6.23	5.9	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	Site Observation
HKLR	HY/2011/03	2013-09-06	Mid-Ebb	Sunny	SR4	13:38:50	2.5	Bottom	3	1	26.75	7.67	21.05	88.1	6.26	6.4	5.4	
HKLR	HY/2011/03	2013-09-06	Mid-Ebb	Sunny	SR4	13:39:09	2.5	Bottom	3	2	26.72	7.67	21.3	84.8	6.03	7.1	4.9	
HKLR	HY/2011/03	2013-09-06	Mid-Ebb	Sunny	SR5	13:30:12	1.0	Surface	1	1	27.44	7.79	17.89	70.4	5.04	3.8	4.3	
HKLR	HY/2011/03	2013-09-06	Mid-Ebb	Sunny	SR5	13:29:41	1.0	Surface	1	2	27.36	7.79	18	69.9	5.01	4	3.9	
HKLR	HY/2011/03	2013-09-06	Mid-Ebb	Sunny	SR5	13:29:29	3.4	Bottom	3	1	27.18	7.76	19.76	70	4.98	4.2	3.9	
HKLR	HY/2011/03	2013-09-06	Mid-Ebb	Sunny	SR5	13:29:54	3.4	Bottom	3	2	27.11	7.77	20.21	69.4	4.93	4.2	3.8	
HKLR	HY/2011/03	2013-09-06	Mid-Ebb	Sunny	SR10A	12:17:11	1.0	Surface	1	1	25.77	7.72	26.4	72.1	5.06	4.3	3.8	
HKLR	HY/2011/03	2013-09-06	Mid-Ebb	Sunny	SR10A	12:18:00	1.0	Surface	1	2	25.88	7.73	26.16	72.8	5.1	4	3.4	
HKLR	HY/2011/03	2013-09-06	Mid-Ebb	Sunny	SR10A	12:17:45	3.3	Middle	2	1	25.39	7.72	27.41	71.9	5.03	4.5	5.2	
HKLR	HY/2011/03	2013-09-06	Mid-Ebb	Sunny	SR10A	12:16:57	3.3	Middle	2	2	25.38	7.72	27.44	71.5	5.01	4.9	6.3	
HKLR	HY/2011/03	2013-09-06	Mid-Ebb	Sunny	SR10A	12:16:42	5.6	Bottom	3	1	25.34	7.71	27.72	69.6	4.89	4.9	7.5	
HKLR	HY/2011/03	2013-09-06	Mid-Ebb	Sunny	SR10A	12:17:36	5.6	Bottom	3	2	25.36	7.72	27.55	69.9	4.9	4.7	8.8	
HKLR	HY/2011/03	2013-09-06	Mid-Ebb	Sunny	SR10B	12:11:13	1.0	Surface	1	1	25.48	7.69	27.31	71.3	5.01	6.9	8.6	
HKLR	HY/2011/03	2013-09-06	Mid-Ebb	Sunny	SR10B	12:11:37	1.0	Surface	1	2	25.52	7.7	27.17	71.5	5.03	6.7	9.5	
HKLR	HY/2011/03	2013-09-06	Mid-Ebb	Sunny	SR10B	12:11:24	4.1	Bottom	3	1	25.53	7.69	27.21	71	4.98	7.1	8.6	
HKLR	HY/2011/03	2013-09-06	Mid-Ebb	Sunny	SR10B	12:11:03	4.1	Bottom	3	2	25.43	7.69	27.37	70.4	4.95	7.3	8.8	
HKLR	HY/2011/03	2013-09-06	Mid-Ebb	Sunny	CS2	15:00:04	1.0	Surface	1	1	27.39	7.89	17.68	72.3	5.16	8.6	2.6	
HKLR	HY/2011/03	2013-09-06	Mid-Ebb	Sunny	CS2	14:59:35	1.0	Surface	1	2	27.64	7.87	17.56	72.2	5.16	8.6	4	
HKLR	HY/2011/03	2013-09-06	Mid-Ebb	Sunny	CS2	14:59:55	3.9	Middle	2	1	26.77	7.85	22.66	70.8	5.08	8.7	3	
HKLR	HY/2011/03	2013-09-06	Mid-Ebb	Sunny	CS2	14:59:19	3.9	Middle	2	2	26.75	7.87	22.92	71.1	5.09	8.7	3.8	
HKLR	HY/2011/03	2013-09-06	Mid-Ebb	Sunny	CS2	14:58:59	6.8	Bottom	3	1	26.69	7.81	23.3	69.6	4.89	8.8	3.7	
HKLR	HY/2011/03	2013-09-06	Mid-Ebb	Sunny	CS2	14:59:44	6.8	Bottom	3	2	27.02	7.81	23.18	71.3	4.99	8.8	3	
HKLR	HY/2011/03	2013-09-06	Mid-Ebb	Sunny	CS(Mf)5	12:57:38	1.0	Surface	1	1	26.92	7.76	20.45	82.6	5.88	4.8	4.6	
HKLR	HY/2011/03	2013-09-06	Mid-Ebb	Sunny	CS(Mf)5	12:58:23	1.0	Surface	1	2	26.95	7.75	20.38	83.6	5.95	4.9	3.2	
HKLR	HY/2011/03	2013-09-06	Mid-Ebb	Sunny	CS(Mf)5	12:58:06	6.5	Middle	2	1	25.69	7.72	26.13	72.9	5.13	5.5	5.9	
HKLR	HY/2011/03	2013-09-06	Mid-Ebb	Sunny	CS(Mf)5	12:57:22	6.5	Middle	2	2	25.67	7.73	26.21	73.1	5.15	5.3	5.2	
HKLR	HY/2011/03	2013-09-06	Mid-Ebb	Sunny	CS(Mf)5	12:57:54	12.0	Bottom	3	1	25.76	7.71	26.27	78.1	5.49	5.2	7.6	
HKLR	HY/2011/03	2013-09-06	Mid-Ebb	Sunny	CS(Mf)5	12:57:14	12.0	Bottom	3	2	25.7	7.72	26.38	76.6	5.38	5.3	6.3	
HKLR	HY/2011/03	2013-09-06	Mid-Flood	Sunny	IS5	18:27:30	1.0	Surface	1	1	27.31	7.72	20.71	84.7	5.98	11	11.8	
HKLR	HY/2011/03	2013-09-06	Mid-Flood	Sunny	IS5	18:28:03	1.0	Surface	1	2	27.13	7.72	21.02	81.5	5.76	10.7	11.6	
HKLR	HY/2011/03	2013-09-06	Mid-Flood	Sunny	IS5	18:27:14	4.7	Middle	2	1	27.2	7.72	20.93	83.7	5.92	10.7	11.2	
HKLR	HY/2011/03	2013-09-06	Mid-Flood	Sunny	IS5	18:27:53	4.7	Middle	2	2	26.96	7.71	21.4	81	5.72	11.5	12.2	
HKLR	HY/2011/03	2013-09-06	Mid-Flood	Sunny	IS5	18:27:03	8.4	Bottom	3	1	27.25	7.72	20.88	84.3	5.95	11.2	13.8	
HKLR	HY/2011/03	2013-09-06	Mid-Flood	Sunny	IS5	18:27:42	8.4	Bottom	3	2	27.05	7.71	21.28	82.9	5.86	12.1	14.3	
HKLR	HY/2011/03	2013-09-06	Mid-Flood	Sunny	IS(Mf)6	18:34:58	1.0	Surface	1	1	27.25	7.7	20.62	84.7	5.98	15.1	11.7	
HKLR	HY/2011/03	2013-09-06	Mid-Flood	Sunny	IS(Mf)6	18:35:18	1.0	Surface	1	2	27.26	7.7	20.61	84.5	5.97	15.1	11.3	
HKLR	HY/2011/03	2013-09-06	Mid-Flood	Sunny	IS(Mf)6	18:34:46	2.2	Bottom	3	1	27.25	7.7	20.77	84.8	6	18.8	12.7	
HKLR	HY/2011/03	2013-09-06	Mid-Flood	Sunny	IS(Mf)6	18:35:04	2.2	Bottom	3	2	27.25	7.7	20.74	84.5	5.96	17.9	13.3	
HKLR	HY/2011/03	2013-09-06	Mid-Flood	Sunny	IS7	18:41:58	1.0	Surface	1	1	27.21	7.7	20.6	80.2	5.67	9.8	14.2	
HKLR	HY/2011/03	2013-09-06	Mid-Flood	Sunny	IS7	18:42:20	1.0	Surface	1	2	27.2	7.7	20.53	79.8	5.64	10	15.8	
HKLR	HY/2011/03	2013-09-06	Mid-Flood	Sunny	IS7	18:41:47	2.4	Bottom	3	1	27.13	7.69	21	80	5.65	14.4	18.7	
HKLR	HY/2011/03	2013-09-06	Mid-Flood	Sunny	IS7	18:42:05	2.4	Bottom	3	2	27.14	7.68	22.1	79.3	5.58	15.1	17.9	
HKLR	HY/2011/03	2013-09-06	Mid-Flood	Sunny	IS8	19:06:05	1.0	Surface	1	1	26.84	7.69	21.58	75.5	5.35	10.2	5.1	
HKLR	HY/2011/03	2013-09-06	Mid-Flood	Sunny	IS8	19:06:28	1.0	Surface	1	2	26.94	7.7	21.43	75.6	5.35	9.8	5	
HKLR	HY/2011/03	2013-09-06	Mid-Flood	Sunny	IS8	19:05:55	2.8	Bottom	3	1	26.67	7.68	22.15	76.7	5.42	13.3	5.4	
HKLR	HY/2011/03	2013-09-06	Mid-Flood	Sunny	IS8	19:06:15	2.8	Bottom	3	2	26.66	7.68	22.15	75.5	5.35	12.9	5.3	
HKLR	HY/2011/03	2013-09-06	Mid-Flood	Sunny	IS(Mf)9	18:49:07	1.0	Surface	1	1	27.22	7.71	20.45	83.3	5.9	11.8	18.9	
HKLR	HY/2011/03	2013-09-06	Mid-Flood	Sunny	IS(Mf)9	18:48:48	1.0	Surface	1	2	27.26	7.71	20.57	84.6	5.98	11.2	18.9	
HKLR	HY/2011/03	2013-09-06	Mid-Flood	Sunny	IS(Mf)9	18:48:58	2.3	Bottom	3	1	27.14	7.7	21.37	83.5	5.89	13.6	29.4	
HKLR	HY/2011/03	2013-09-06	Mid-Flood	Sunny	IS(Mf)9	18:48:38	2.3	Bottom	3	2	27.13	7.7	21.45	84.5	5.95	14.8	30.3	
HKLR	HY/2011/03	2013-09-06	Mid-Flood	Sunny	IS10	19:53:40	1.0	Surface	1	1	27.23	7.83	18.79	72.6	5.19	8.6	9.7	
HKLR	HY/2011/03	2013-09-06	Mid-Flood	Sunny	IS10	19:54:20	1.0	Surface	1	2	27.27	7.83	18.92	72.9	5.2	8.6	10	
HKLR	HY/2011/03	2013-09-06	Mid-Flood	Sunny	IS10	19:53:29	5.3	Middle	2	1	26.93	7.81	20.81	72.9	5.16	8.6	10.7	
HKLR	HY/2011/03	2013-09-06	Mid-Flood	Sunny	IS10	19:54:07	5.3	Middle	2	2	26.97	7.82	20.6	72.4	5.13	8.6	9.1	
HKLR	HY/2011/03	2013-09-06	Mid-Flood	Sunny	IS10	19:53:54	9.6	Bottom	3	1	26.98	7.8	21.13	71.7	5.09	8.9	10.2	
HKLR	HY/2011/03	2013-09-06	Mid-Flood	Sunny	IS10	19:53:21	9.6	Bottom	3	2	27.02	7.8	21.14	72.1	5.12	8.9	10.7	
HKLR	HY/2011/03	2013-09-06	Mid-Flood	Sunny	SR3	18:14:05	0.9	Middle	2	1	27.34	7.73	20.65	91.2	6.44	11.1	11.1	
HKLR	HY/2011/03	2013-09-06	Mid-Flood	Sunny	SR3	18:14:13	0.9	Middle	2	2	27.35	7.72	20.64	89	6.28	11	10	
HKLR	HY/2011/03	2013-09-06	Mid-Flood	Sunny	SR4	18:59:32	1.0	Surface	1	1	26.86	7.74	20.93	75.8	5.38	13.7	12.1	
HKLR	HY/2011/03	2013-09-06	Mid-Flood	Sunny	SR4	18:59:18	1.0	Surface	1	2	26.8	7.75	21.33	76.5	5.42	13.4	13.6	
HKLR	HY/2011/03	2013-09-06	Mid-Flood	Sunny	SR4	18:59:10	2.5	Bottom	3	1	26.78	7.75	21.49	77.2	5.48	13.5	16.1	
HKLR	HY/2011/03	2013-09-06	Mid-Flood	Sunny	SR4	18:59:23	2.5	Bottom	3	2	26.81	7.74	21.41	75.9	5.38	13.4	14.7	
HKLR	HY/2011/03	2013-09-06	Mid-Flood	Sunny	SR5	19:42:44	1.0	Surface	1	1	27.21	7.81	19.34	74.7	5.32	9.2	9.2	
HKLR	HY/2011/03	2013-09-06	Mid-Flood	Sunny	SR5	19:42:25	1.0	Surface	1	2	27.22	7.81	19.26	75.6	5.39	8.7	10	

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	Site Observation
HKLR	HY/2011/03	2013-09-06	Mid-Flood	Sunny	SR5	19:42:18	3.6	Bottom	3	1	27.24	7.81	19.34	75.9	5.41	8.7	11.4	
HKLR	HY/2011/03	2013-09-06	Mid-Flood	Sunny	SR5	19:42:34	3.6	Bottom	3	2	27.16	7.8	19.8	75.1	5.34	9.1	11.2	
HKLR	HY/2011/03	2013-09-06	Mid-Flood	Sunny	SR10A	20:17:45	1.0	Surface	1	1	26.31	7.7	24.27	72.8	5.13	6.9	6.8	
HKLR	HY/2011/03	2013-09-06	Mid-Flood	Sunny	SR10A	20:18:24	1.0	Surface	1	2	26.12	7.7	24.63	71.8	5.07	6.8	8.4	
HKLR	HY/2011/03	2013-09-06	Mid-Flood	Sunny	SR10A	20:17:29	3.4	Middle	2	1	25.87	7.71	25.6	71.2	5.02	8	9	
HKLR	HY/2011/03	2013-09-06	Mid-Flood	Sunny	SR10A	20:18:10	3.4	Middle	2	2	25.85	7.71	25.69	71.2	5.01	8	8.2	
HKLR	HY/2011/03	2013-09-06	Mid-Flood	Sunny	SR10A	20:17:17	5.7	Bottom	3	1	25.81	7.71	25.85	71.3	5.02	8.3	8.4	
HKLR	HY/2011/03	2013-09-06	Mid-Flood	Sunny	SR10A	20:17:58	5.7	Bottom	3	2	25.87	7.7	25.75	71.7	5.04	7.9	8.7	
HKLR	HY/2011/03	2013-09-06	Mid-Flood	Sunny	SR10B	20:27:17	1.0	Surface	1	1	25.99	7.71	25.01	71.2	5.02	7.2	7	
HKLR	HY/2011/03	2013-09-06	Mid-Flood	Sunny	SR10B	20:26:50	1.0	Surface	1	2	25.94	7.71	25.23	71.1	5.01	7.4	6.3	
HKLR	HY/2011/03	2013-09-06	Mid-Flood	Sunny	SR10B	20:27:02	4.3	Bottom	3	1	25.85	7.71	25.71	70.8	4.98	7.6	6.8	
HKLR	HY/2011/03	2013-09-06	Mid-Flood	Sunny	SR10B	20:26:35	4.3	Bottom	3	2	25.87	7.71	25.69	70.8	4.99	7.7	6.7	
HKLR	HY/2011/03	2013-09-06	Mid-Flood	Sunny	CS2	18:11:12	1.0	Surface	1	1	27.25	7.89	17.94	74.6	5.34	8.8	4.6	
HKLR	HY/2011/03	2013-09-06	Mid-Flood	Sunny	CS2	18:11:50	1.0	Surface	1	2	27.47	7.83	17.94	77	5.5	8.5	4.9	
HKLR	HY/2011/03	2013-09-06	Mid-Flood	Sunny	CS2	18:11:36	3.8	Middle	2	1	27.31	7.83	19.05	77.2	5.49	8.5	5.1	
HKLR	HY/2011/03	2013-09-06	Mid-Flood	Sunny	CS2	18:11:03	3.8	Middle	2	2	27.25	7.87	18.51	74.3	5.32	8.7	5	
HKLR	HY/2011/03	2013-09-06	Mid-Flood	Sunny	CS2	18:11:23	6.5	Bottom	3	1	27.25	7.83	19.67	75.3	5.36	8.8	4.7	
HKLR	HY/2011/03	2013-09-06	Mid-Flood	Sunny	CS2	18:10:48	6.5	Bottom	3	2	27.05	7.9	19.71	70.4	5.02	8.8	4.3	
HKLR	HY/2011/03	2013-09-06	Mid-Flood	Sunny	CS(Mf)5	19:44:06	1.0	Surface	1	1	27.1	7.71	20.39	77.4	5.49	5.3	4.1	
HKLR	HY/2011/03	2013-09-06	Mid-Flood	Sunny	CS(Mf)5	19:43:07	1.0	Surface	1	2	27.12	7.71	20.46	77	5.46	5.4	4.5	
HKLR	HY/2011/03	2013-09-06	Mid-Flood	Sunny	CS(Mf)5	19:42:46	6.7	Middle	2	1	26.35	7.69	23.47	72.8	5.14	7	4.2	
HKLR	HY/2011/03	2013-09-06	Mid-Flood	Sunny	CS(Mf)5	19:43:44	6.7	Middle	2	2	26.34	7.7	23.47	73.5	5.2	7.4	4.4	
HKLR	HY/2011/03	2013-09-06	Mid-Flood	Sunny	CS(Mf)5	19:42:34	12.4	Bottom	3	1	26.39	7.68	23.63	69.3	4.9	7.2	4.2	
HKLR	HY/2011/03	2013-09-06	Mid-Flood	Sunny	CS(Mf)5	19:43:29	12.4	Bottom	3	2	26.18	7.69	24.21	68.9	4.86	7.8	5	
HKLR	HY/2011/03	2013-09-09	Mid-Ebb	Sunny	IS5	14:30:13	1.0	Surface	1	1	28	7.73	20.45	78.8	5.51	8.5	9.9	
HKLR	HY/2011/03	2013-09-09	Mid-Ebb	Sunny	IS5	14:31:10	1.0	Surface	1	2	27.99	7.73	20.47	78.5	5.49	8.9	10.1	
HKLR	HY/2011/03	2013-09-09	Mid-Ebb	Sunny	IS5	14:29:53	4.5	Middle	2	1	27.94	7.73	20.54	77.9	5.45	9.8	10.6	
HKLR	HY/2011/03	2013-09-09	Mid-Ebb	Sunny	IS5	14:30:52	4.5	Middle	2	2	27.94	7.73	20.54	77.9	5.45	9.3	9.8	
HKLR	HY/2011/03	2013-09-09	Mid-Ebb	Sunny	IS5	14:29:33	8.0	Bottom	3	1	27.85	7.73	20.6	78.1	5.47	10.3	9.3	
HKLR	HY/2011/03	2013-09-09	Mid-Ebb	Sunny	IS5	14:30:35	8.0	Bottom	3	2	27.85	7.73	20.58	78.5	5.49	10.1	10.6	
HKLR	HY/2011/03	2013-09-09	Mid-Ebb	Sunny	IS(Mf)6	14:38:18	1.0	Surface	1	1	28.33	7.7	19.09	83.5	5.84	4.7	6.1	
HKLR	HY/2011/03	2013-09-09	Mid-Ebb	Sunny	IS(Mf)6	14:39:09	1.0	Surface	1	2	28.34	7.71	19.11	84.1	5.89	4.6	4.9	
HKLR	HY/2011/03	2013-09-09	Mid-Ebb	Sunny	IS(Mf)6	14:37:58	2.2	Bottom	3	1	28.16	7.68	19.45	83	5.8	5.3	6.9	
HKLR	HY/2011/03	2013-09-09	Mid-Ebb	Sunny	IS(Mf)6	14:38:44	2.2	Bottom	3	2	28.21	7.7	19.44	83.7	5.85	5.1	5.6	
HKLR	HY/2011/03	2013-09-09	Mid-Ebb	Sunny	IS7	14:46:51	1.0	Surface	1	1	28.09	7.7	19.27	84.4	5.93	5.6	6.6	
HKLR	HY/2011/03	2013-09-09	Mid-Ebb	Sunny	IS7	14:46:14	1.0	Surface	1	2	28.14	7.7	19.23	84.4	5.9	5.7	5.7	
HKLR	HY/2011/03	2013-09-09	Mid-Ebb	Sunny	IS7	14:45:54	2.3	Bottom	3	1	27.96	7.69	19.37	83.1	5.84	6.6	5.7	
HKLR	HY/2011/03	2013-09-09	Mid-Ebb	Sunny	IS7	14:46:33	2.3	Bottom	3	2	27.89	7.69	19.36	82.5	5.8	6.5	5	
HKLR	HY/2011/03	2013-09-09	Mid-Ebb	Sunny	IS8	15:19:39	1.0	Surface	1	1	28.01	7.62	19.27	80.5	5.65	5.3	6.8	
HKLR	HY/2011/03	2013-09-09	Mid-Ebb	Sunny	IS8	15:20:14	1.0	Surface	1	2	28.01	7.63	19.29	79.8	5.6	5.4	6.4	
HKLR	HY/2011/03	2013-09-09	Mid-Ebb	Sunny	IS8	15:19:56	2.5	Bottom	3	1	27.93	7.62	19.72	79.7	5.59	5.7	6.9	
HKLR	HY/2011/03	2013-09-09	Mid-Ebb	Sunny	IS8	15:19:12	2.5	Bottom	3	2	27.88	7.61	19.72	80.5	5.65	5.7	6.5	
HKLR	HY/2011/03	2013-09-09	Mid-Ebb	Sunny	IS(Mf)9	14:56:03	1.0	Surface	1	1	28.19	7.71	19.3	84.4	5.91	5.9	6.1	
HKLR	HY/2011/03	2013-09-09	Mid-Ebb	Sunny	IS(Mf)9	14:55:16	1.0	Surface	1	2	28.18	7.7	19.31	84.2	5.89	5.7	4.8	
HKLR	HY/2011/03	2013-09-09	Mid-Ebb	Sunny	IS(Mf)9	14:55:43	2.4	Bottom	3	1	28.01	7.7	19.33	84	5.89	6.2	10.1	
HKLR	HY/2011/03	2013-09-09	Mid-Ebb	Sunny	IS(Mf)9	14:54:57	2.4	Bottom	3	2	28.03	7.69	19.36	84.1	5.9	6.2	9.9	
HKLR	HY/2011/03	2013-09-09	Mid-Ebb	Sunny	IS10	15:20:05	1.0	Surface	1	1	27.92	7.86	17.83	73.3	5.25	10.5	5.4	
HKLR	HY/2011/03	2013-09-09	Mid-Ebb	Sunny	IS10	15:19:28	1.0	Surface	1	2	27.98	7.86	17.81	73.8	5.28	10.5	5	
HKLR	HY/2011/03	2013-09-09	Mid-Ebb	Sunny	IS10	15:19:54	5.1	Middle	2	1	27.28	7.82	21.15	72.7	5.15	10.5	5.3	
HKLR	HY/2011/03	2013-09-09	Mid-Ebb	Sunny	IS10	15:19:15	5.1	Middle	2	2	27.16	7.82	21.32	72.3	5.12	10.4	5.2	
HKLR	HY/2011/03	2013-09-09	Mid-Ebb	Sunny	IS10	15:19:41	9.2	Bottom	3	1	27.22	7.8	22.31	70.8	5.04	11	6.4	
HKLR	HY/2011/03	2013-09-09	Mid-Ebb	Sunny	IS10	15:19:07	9.2	Bottom	3	2	27.19	7.8	22.28	70.6	5.03	10.6	7.1	
HKLR	HY/2011/03	2013-09-09	Mid-Ebb	Sunny	SR3	14:11:30	0.6	Middle	2	1	28.05	7.69	20.44	80.8	5.65	7.4	6.3	
HKLR	HY/2011/03	2013-09-09	Mid-Ebb	Sunny	SR3	14:11:47	0.6	Middle	2	2	28.06	7.7	20.39	80.9	5.65	7.6	7.1	
HKLR	HY/2011/03	2013-09-09	Mid-Ebb	Sunny	SR4	15:11:15	1.0	Surface	1	1	28.65	7.65	17.43	78.3	5.5	5.6	6.9	
HKLR	HY/2011/03	2013-09-09	Mid-Ebb	Sunny	SR4	15:10:34	1.0	Surface	1	2	28.62	7.64	17.48	78.7	5.56	5.6	7.8	
HKLR	HY/2011/03	2013-09-09	Mid-Ebb	Sunny	SR4	15:10:59	2.4	Bottom	3	1	28.31	7.64	18.87	79.2	5.53	6.8	7.7	
HKLR	HY/2011/03	2013-09-09	Mid-Ebb	Sunny	SR4	15:10:09	2.4	Bottom	3	2	28.26	7.62	18.86	79.6	5.58	6.7	9	
HKLR	HY/2011/03	2013-09-09	Mid-Ebb	Sunny	SR5	15:06:15	1.0	Surface	1	1	27.91	7.85	17.81	71.2	5.02	6.4	5.8	
HKLR	HY/2011/03	2013-09-09	Mid-Ebb	Sunny	SR5	15:06:32	1.0	Surface	1	2	27.92	7.84	17.86	70.8	5.02	6.3	5.4	
HKLR	HY/2011/03	2013-09-09	Mid-Ebb	Sunny	SR5	15:06:07	3.5	Bottom	3	1	27.7	7.83	19.9	69.3	4.88	6.1	5.1	
HKLR	HY/2011/03	2013-09-09	Mid-Ebb	Sunny	SR5	15:06:23	3.5	Bottom	3	2	27.72	7.82	19.91	69.3	4.88	6.6	6.3	
HKLR	HY/2011/03	2013-09-09	Mid-Ebb	Sunny	SR10A	16:16:26	1.0	Surface	1	1	26.86	7.75	23.47	74	5.16	3.9	4.1	
HKLR	HY/2011/03	2013-09-09	Mid-Ebb	Sunny	SR10A	16:15:16	1.0	Surface	1	2	26.88	7.75	23.51	73.8	5.16	4	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	Site Observation
HKLR	HY/2011/03	2013-09-09	Mid-Ebb	Sunny	SR10A	16:16:05	3.2	Middle	2	1	26.55	7.75	25.44	73	5.08	4	6	
HKLR	HY/2011/03	2013-09-09	Mid-Ebb	Sunny	SR10A	16:14:49	3.2	Middle	2	2	26.56	7.74	25.39	73	5.08	3.9	4.4	
HKLR	HY/2011/03	2013-09-09	Mid-Ebb	Sunny	SR10A	16:14:30	5.4	Bottom	3	1	26.52	7.74	25.57	74.3	5.16	3.7	5.8	
HKLR	HY/2011/03	2013-09-09	Mid-Ebb	Sunny	SR10A	16:15:36	5.4	Bottom	3	2	26.51	7.74	25.65	73.9	5.14	3.8	5	
HKLR	HY/2011/03	2013-09-09	Mid-Ebb	Sunny	SR10B	16:28:54	1.0	Surface	1	1	27.13	7.76	23.95	73.3	5.11	3.2	3.4	
HKLR	HY/2011/03	2013-09-09	Mid-Ebb	Sunny	SR10B	16:28:16	1.0	Surface	1	2	27.17	7.76	23.95	73.5	5.12	3.3	3.2	
HKLR	HY/2011/03	2013-09-09	Mid-Ebb	Sunny	SR10B	16:27:56	4.2	Bottom	3	1	26.55	7.75	26.2	73.3	5.09	3.4	3.9	
HKLR	HY/2011/03	2013-09-09	Mid-Ebb	Sunny	SR10B	16:28:34	4.2	Bottom	3	2	26.57	7.75	26.2	72.7	5.05	3.4	3.3	
HKLR	HY/2011/03	2013-09-09	Mid-Ebb	Sunny	CS2	13:42:10	1.0	Surface	1	1	28.2	7.96	17.19	72.2	5.12	9.5	3.4	
HKLR	HY/2011/03	2013-09-09	Mid-Ebb	Sunny	CS2	13:41:35	1.0	Surface	1	2	27.8	8.03	17.38	70.7	5.04	9.9	2.8	
HKLR	HY/2011/03	2013-09-09	Mid-Ebb	Sunny	CS2	13:41:29	3.9	Middle	2	1	27.5	8.01	21.18	71.6	5.02	9.6	4	
HKLR	HY/2011/03	2013-09-09	Mid-Ebb	Sunny	CS2	13:41:58	3.9	Middle	2	2	27.58	7.96	19.95	72	5.11	9.3	2.9	
HKLR	HY/2011/03	2013-09-09	Mid-Ebb	Sunny	CS2	13:41:50	6.8	Bottom	3	1	27.59	7.94	21.57	71.2	4.98	9.8	5.1	
HKLR	HY/2011/03	2013-09-09	Mid-Ebb	Sunny	CS2	13:41:13	6.8	Bottom	3	2	27.42	8.05	21.67	69.7	4.89	9.8	4.3	
HKLR	HY/2011/03	2013-09-09	Mid-Ebb	Sunny	CS(Mf)5	15:52:20	1.0	Surface	1	1	27.64	7.77	18.53	81.3	5.74	4.5	4.8	
HKLR	HY/2011/03	2013-09-09	Mid-Ebb	Sunny	CS(Mf)5	15:51:20	1.0	Surface	1	2	27.73	7.76	18.47	80.8	5.7	4.4	5.5	
HKLR	HY/2011/03	2013-09-09	Mid-Ebb	Sunny	CS(Mf)5	15:51:02	6.5	Middle	2	1	26.85	7.73	23.45	74.1	5.17	5.1	6	
HKLR	HY/2011/03	2013-09-09	Mid-Ebb	Sunny	CS(Mf)5	15:52:01	6.5	Middle	2	2	26.87	7.73	23.52	73.9	5.16	5	6.1	
HKLR	HY/2011/03	2013-09-09	Mid-Ebb	Sunny	CS(Mf)5	15:50:43	12.0	Bottom	3	1	26.35	7.7	25.96	73.3	5.1	5.5	5.2	
HKLR	HY/2011/03	2013-09-09	Mid-Ebb	Sunny	CS(Mf)5	15:51:43	12.0	Bottom	3	2	26.39	7.7	25.98	72.9	5.07	5.4	5.6	
HKLR	HY/2011/03	2013-09-09	Mid-Flood	Sunny	IS5	09:56:57	1.0	Surface	1	1	27.53	7.68	20.12	75.5	5.33	7.2	10.6	
HKLR	HY/2011/03	2013-09-09	Mid-Flood	Sunny	IS5	09:58:11	1.0	Surface	1	2	27.53	7.69	20.14	74.8	5.28	6.9	10.9	
HKLR	HY/2011/03	2013-09-09	Mid-Flood	Sunny	IS5	09:57:48	4.7	Middle	2	1	27.5	7.68	20.36	73.8	5.2	7.3	10.6	
HKLR	HY/2011/03	2013-09-09	Mid-Flood	Sunny	IS5	09:56:32	4.7	Middle	2	2	27.52	7.68	20.33	74	5.21	7.5	9.7	
HKLR	HY/2011/03	2013-09-09	Mid-Flood	Sunny	IS5	09:56:07	8.4	Bottom	3	1	27.33	7.67	20.65	73.1	5.15	8.4	9.2	
HKLR	HY/2011/03	2013-09-09	Mid-Flood	Sunny	IS5	09:57:29	8.4	Bottom	3	2	27.33	7.67	20.65	72.9	5.14	8.4	9.5	
HKLR	HY/2011/03	2013-09-09	Mid-Flood	Sunny	IS(Mf)6	09:46:17	1.0	Surface	1	1	27.64	7.67	19.15	77.2	5.47	6.2	3.8	
HKLR	HY/2011/03	2013-09-09	Mid-Flood	Sunny	IS(Mf)6	09:46:59	1.0	Surface	1	2	27.65	7.67	19.12	77.1	5.46	6.1	4.8	
HKLR	HY/2011/03	2013-09-09	Mid-Flood	Sunny	IS(Mf)6	09:45:58	2.3	Bottom	3	1	27.64	7.67	19.43	77.1	5.45	6.4	4.9	
HKLR	HY/2011/03	2013-09-09	Mid-Flood	Sunny	IS(Mf)6	09:46:35	2.3	Bottom	3	2	27.64	7.67	19.39	77.1	5.46	6.5	5.5	
HKLR	HY/2011/03	2013-09-09	Mid-Flood	Sunny	IS7	09:36:20	1.0	Surface	1	1	27.57	7.65	19.31	75.5	5.35	6.6	7.3	
HKLR	HY/2011/03	2013-09-09	Mid-Flood	Sunny	IS7	09:36:59	1.0	Surface	1	2	27.55	7.65	19.27	75.4	5.34	6.5	8.2	
HKLR	HY/2011/03	2013-09-09	Mid-Flood	Sunny	IS7	09:36:02	2.4	Bottom	3	1	27.47	7.64	19.71	75.9	5.38	7.7	7.1	
HKLR	HY/2011/03	2013-09-09	Mid-Flood	Sunny	IS7	09:36:41	2.4	Bottom	3	2	27.45	7.65	19.73	75.3	5.33	7.6	8.9	
HKLR	HY/2011/03	2013-09-09	Mid-Flood	Sunny	IS8	09:09:51	1.0	Surface	1	1	27.42	7.61	19.23	71.9	5.11	6.4	3.6	
HKLR	HY/2011/03	2013-09-09	Mid-Flood	Sunny	IS8	09:09:08	1.0	Surface	1	2	27.43	7.59	19.24	71.3	5.06	6.2	3.8	
HKLR	HY/2011/03	2013-09-09	Mid-Flood	Sunny	IS8	09:08:45	2.7	Bottom	3	1	27.4	7.58	19.45	71.2	5.05	6.6	3.6	
HKLR	HY/2011/03	2013-09-09	Mid-Flood	Sunny	IS8	09:09:31	2.7	Bottom	3	2	27.41	7.6	19.43	71.7	5.08	7	4.2	
HKLR	HY/2011/03	2013-09-09	Mid-Flood	Sunny	IS(Mf)9	09:28:17	1.0	Surface	1	1	27.52	7.62	19.03	70.7	5.02	6.2	5.5	
HKLR	HY/2011/03	2013-09-09	Mid-Flood	Sunny	IS(Mf)9	09:28:56	1.0	Surface	1	2	27.5	7.63	19.11	71.5	5.06	6.3	5	
HKLR	HY/2011/03	2013-09-09	Mid-Flood	Sunny	IS(Mf)9	09:27:59	2.5	Bottom	3	1	27.48	7.61	19.69	71.1	5.03	6.7	5.1	
HKLR	HY/2011/03	2013-09-09	Mid-Flood	Sunny	IS(Mf)9	09:28:39	2.5	Bottom	3	2	27.45	7.61	19.76	71.5	5.05	6.7	5.2	
HKLR	HY/2011/03	2013-09-09	Mid-Flood	Sunny	IS10	09:18:56	1.0	Surface	1	1	27.5	7.83	18.37	70.8	5.04	10.2	3.4	
HKLR	HY/2011/03	2013-09-09	Mid-Flood	Sunny	IS10	09:20:09	1.0	Surface	1	2	27.5	7.83	18.33	70.5	5.03	10.3	4.1	
HKLR	HY/2011/03	2013-09-09	Mid-Flood	Sunny	IS10	09:19:55	5.3	Middle	2	1	27.29	7.82	20.26	70.6	5.02	10.5	5.8	
HKLR	HY/2011/03	2013-09-09	Mid-Flood	Sunny	IS10	09:18:45	5.3	Middle	2	2	27.3	7.82	20.19	70.6	5	10.4	7.2	
HKLR	HY/2011/03	2013-09-09	Mid-Flood	Sunny	IS10	09:19:10	9.5	Bottom	3	1	27.25	7.79	21.83	68.9	4.83	10.6	6.5	
HKLR	HY/2011/03	2013-09-09	Mid-Flood	Sunny	IS10	09:18:12	9.5	Bottom	3	2	27.28	7.79	21.79	69.5	4.88	10.7	6.1	
HKLR	HY/2011/03	2013-09-09	Mid-Flood	Sunny	SR3	10:09:41	0.7	Middle	2	1	27.52	7.62	20.04	79.4	5.61	8.4	8.4	
HKLR	HY/2011/03	2013-09-09	Mid-Flood	Sunny	SR3	10:09:17	0.7	Middle	2	2	27.53	7.6	20.06	80.1	5.65	8.2	8.2	
HKLR	HY/2011/03	2013-09-09	Mid-Flood	Sunny	SR4	09:18:59	1.0	Surface	1	1	27.41	7.58	18.31	72.7	5.19	7.3	9.4	
HKLR	HY/2011/03	2013-09-09	Mid-Flood	Sunny	SR4	09:18:14	1.0	Surface	1	2	27.41	7.56	18.31	73	5.21	7.5	10.4	
HKLR	HY/2011/03	2013-09-09	Mid-Flood	Sunny	SR4	09:18:34	2.5	Bottom	3	1	27.41	7.57	18.28	71.9	5.13	7.8	9	
HKLR	HY/2011/03	2013-09-09	Mid-Flood	Sunny	SR4	09:17:48	2.5	Bottom	3	2	27.41	7.55	18.28	71.8	5.13	7.9	10.4	
HKLR	HY/2011/03	2013-09-09	Mid-Flood	Sunny	SR5	09:26:34	1.0	Surface	1	1	27.57	7.8	17.01	70.2	5.04	9.8	9	
HKLR	HY/2011/03	2013-09-09	Mid-Flood	Sunny	SR5	09:26:17	1.0	Surface	1	2	27.58	7.81	17.18	70.2	5.03	9.5	9.8	
HKLR	HY/2011/03	2013-09-09	Mid-Flood	Sunny	SR5	09:26:26	3.6	Bottom	3	1	27.48	7.78	19.2	69.7	4.95	11.5	10.7	
HKLR	HY/2011/03	2013-09-09	Mid-Flood	Sunny	SR5	09:26:07	3.6	Bottom	3	2	27.47	7.79	19.28	69.9	4.96	11.8	10.4	
HKLR	HY/2011/03	2013-09-09	Mid-Flood	Sunny	SR10A	08:12:40	1.0	Surface	1	1	27.18	7.67	22.07	72.7	5.13	4.8	5.3	
HKLR	HY/2011/03	2013-09-09	Mid-Flood	Sunny	SR10A	08:13:44	1.0	Surface	1	2	27.15	7.67	22.11	73.1	5.16	4.8	5.4	
HKLR	HY/2011/03	2013-09-09	Mid-Flood	Sunny	SR10A	08:13:25	3.3	Middle	2	1	26.83	7.67	22.71	71.5	5.01	4.5	6.2	
HKLR	HY/2011/03	2013-09-09	Mid-Flood	Sunny	SR10A	08:12:21	3.3	Middle	2	2	26.85	7.67	22.74	71.5	5.02	4.5	6.5	
HKLR	HY/2011/03	2013-09-09	Mid-Flood	Sunny	SR10A	08:13:03	5.6	Bottom	3	1	26.79	7.67	23.23	70.7	4.95	4.7	7.6	
HKLR	HY/2011/03	2013-09-09	Mid-Flood	Sunny	SR10A	08:12:01	5.6	Bottom	3	2	26.78	7.66	23.26	70.8	4.96	4.7	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	Site Observation
HKLR	HY/2011/03	2013-09-09	Mid-Flood	Sunny	SR10B	07:57:31	1.0	Surface	1	1	26.29	7.73	25.95	72.2	5.03	13.9	18.1	
HKLR	HY/2011/03	2013-09-09	Mid-Flood	Sunny	SR10B	07:56:40	1.0	Surface	1	2	26.29	7.72	25.96	72.7	5.07	14.2	19.2	
HKLR	HY/2011/03	2013-09-09	Mid-Flood	Sunny	SR10B	07:57:11	4.4	Bottom	3	1	26.24	7.72	26.11	71.9	5.01	14.5	19.9	
HKLR	HY/2011/03	2013-09-09	Mid-Flood	Sunny	SR10B	07:56:21	4.4	Bottom	3	2	26.24	7.71	26.11	72.4	5.04	14.7	21.2	
HKLR	HY/2011/03	2013-09-09	Mid-Flood	Sunny	CS2	10:50:38	1.0	Surface	1	1	27.6	7.83	17.55	74.4	5.36	8.8	7.1	
HKLR	HY/2011/03	2013-09-09	Mid-Flood	Sunny	CS2	10:49:47	1.0	Surface	1	2	27.56	7.83	17.73	74.2	5.35	8.8	7	
HKLR	HY/2011/03	2013-09-09	Mid-Flood	Sunny	CS2	10:50:23	4.0	Middle	2	1	27.29	7.81	20.93	73.1	5.2	10.5	10.1	
HKLR	HY/2011/03	2013-09-09	Mid-Flood	Sunny	CS2	10:49:33	4.0	Middle	2	2	27.28	7.81	21.16	73.1	5.19	10.6	11.4	
HKLR	HY/2011/03	2013-09-09	Mid-Flood	Sunny	CS2	10:49:16	6.9	Bottom	3	1	27.28	7.79	21.27	72.6	5.17	11.8	12.3	
HKLR	HY/2011/03	2013-09-09	Mid-Flood	Sunny	CS2	10:50:06	6.9	Bottom	3	2	27.29	7.8	21.22	72.8	5.19	11.4	11	
HKLR	HY/2011/03	2013-09-09	Mid-Flood	Sunny	CS(Mf)5	08:38:57	1.0	Surface	1	1	27.29	7.68	20.09	74.4	5.27	5.4	5.7	
HKLR	HY/2011/03	2013-09-09	Mid-Flood	Sunny	CS(Mf)5	08:40:00	1.0	Surface	1	2	27.25	7.69	20.12	74.1	5.25	5.5	6.8	
HKLR	HY/2011/03	2013-09-09	Mid-Flood	Sunny	CS(Mf)5	08:39:39	6.7	Middle	2	1	26.77	7.67	23.44	72.4	5.1	5.8	6.2	
HKLR	HY/2011/03	2013-09-09	Mid-Flood	Sunny	CS(Mf)5	08:38:34	6.7	Middle	2	2	26.74	7.66	23.36	72.2	5.07	5.7	5.4	
HKLR	HY/2011/03	2013-09-09	Mid-Flood	Sunny	CS(Mf)5	08:38:11	12.4	Bottom	3	1	26.48	7.64	24.72	72.1	5.03	6.4	6.9	
HKLR	HY/2011/03	2013-09-09	Mid-Flood	Sunny	CS(Mf)5	08:39:19	12.4	Bottom	3	2	26.43	7.64	24.69	72.1	5.02	6.5	7.4	
HKLR	HY/2011/03	2013-09-11	Mid-Ebb	Sunny	IS5	16:20:33	1.0	Surface	1	1	28.46	7.81	20.39	90.3	6.26	6.3	4.2	
HKLR	HY/2011/03	2013-09-11	Mid-Ebb	Sunny	IS5	16:19:48	1.0	Surface	1	2	28.57	7.82	20.3	92.2	6.38	6.3	4.4	
HKLR	HY/2011/03	2013-09-11	Mid-Ebb	Sunny	IS5	16:19:34	4.6	Middle	2	1	28.32	7.79	20.56	88.6	6.15	6.7	3.5	
HKLR	HY/2011/03	2013-09-11	Mid-Ebb	Sunny	IS5	16:20:24	4.6	Middle	2	2	28.36	7.8	20.53	90.1	6.25	6.3	3.6	
HKLR	HY/2011/03	2013-09-11	Mid-Ebb	Sunny	IS5	16:19:25	8.1	Bottom	3	1	28.22	7.79	20.76	87.7	6.09	6.6	3.8	
HKLR	HY/2011/03	2013-09-11	Mid-Ebb	Sunny	IS5	16:20:06	8.1	Bottom	3	2	28.31	7.8	20.62	89.2	6.18	6.6	5.2	
HKLR	HY/2011/03	2013-09-11	Mid-Ebb	Sunny	IS(Mf)6	16:26:59	1.0	Surface	1	1	28.83	7.81	18.57	97.6	6.78	4.3	2.5	
HKLR	HY/2011/03	2013-09-11	Mid-Ebb	Sunny	IS(Mf)6	16:26:45	1.0	Surface	1	2	28.85	7.81	18.55	97.5	6.75	4.4	3.6	
HKLR	HY/2011/03	2013-09-11	Mid-Ebb	Sunny	IS(Mf)6	16:26:52	2.5	Bottom	3	1	28.88	7.8	18.71	97	6.75	4.4	4.1	
HKLR	HY/2011/03	2013-09-11	Mid-Ebb	Sunny	IS(Mf)6	16:26:35	2.5	Bottom	3	2	28.77	7.8	19.71	97	6.74	4.4	3.6	
HKLR	HY/2011/03	2013-09-11	Mid-Ebb	Sunny	IS7	16:33:50	1.0	Surface	1	1	28.62	7.8	19.01	96.4	6.71	4.3	5	
HKLR	HY/2011/03	2013-09-11	Mid-Ebb	Sunny	IS7	16:34:17	1.0	Surface	1	2	28.92	7.8	18.71	97	6.73	4.4	4.2	
HKLR	HY/2011/03	2013-09-11	Mid-Ebb	Sunny	IS7	16:34:03	2.3	Bottom	3	1	28.65	7.8	19.07	95.9	6.67	4.8	5.8	
HKLR	HY/2011/03	2013-09-11	Mid-Ebb	Sunny	IS7	16:33:46	2.3	Bottom	3	2	28.61	7.8	19.12	96.1	6.69	4.5	5.3	
HKLR	HY/2011/03	2013-09-11	Mid-Ebb	Sunny	IS8	15:54:49	1.0	Surface	1	1	28.59	7.75	18.81	90.3	6.29	4.8	4.1	
HKLR	HY/2011/03	2013-09-11	Mid-Ebb	Sunny	IS8	15:54:24	1.0	Surface	1	2	28.48	7.75	18.96	89.7	6.25	4.6	4.1	
HKLR	HY/2011/03	2013-09-11	Mid-Ebb	Sunny	IS8	15:54:36	2.4	Bottom	3	1	28.51	7.75	18.99	89.3	6.23	4.8	4.3	
HKLR	HY/2011/03	2013-09-11	Mid-Ebb	Sunny	IS8	15:54:18	2.4	Bottom	3	2	28.47	7.75	19.08	89.1	6.22	4.9	4.1	
HKLR	HY/2011/03	2013-09-11	Mid-Ebb	Sunny	IS(Mf)9	16:41:51	1.0	Surface	1	1	28.82	7.8	18.87	96.7	6.71	4.2	3.2	
HKLR	HY/2011/03	2013-09-11	Mid-Ebb	Sunny	IS(Mf)9	16:42:15	1.0	Surface	1	2	28.81	7.8	18.87	96.1	6.67	4.3	3.7	
HKLR	HY/2011/03	2013-09-11	Mid-Ebb	Sunny	IS(Mf)9	16:41:34	2.4	Bottom	3	1	28.69	7.79	18.96	96.2	6.69	4.6	4.1	
HKLR	HY/2011/03	2013-09-11	Mid-Ebb	Sunny	IS(Mf)9	16:42:01	2.4	Bottom	3	2	28.68	7.79	18.96	95.9	6.67	4.6	4.4	
HKLR	HY/2011/03	2013-09-11	Mid-Ebb	Sunny	IS10	16:52:22	1.0	Surface	1	1	28.27	7.92	18.45	72.5	5.1	5.2	4.7	
HKLR	HY/2011/03	2013-09-11	Mid-Ebb	Sunny	IS10	16:53:04	1.0	Surface	1	2	28.27	7.92	18.44	72.2	5.08	5.1	4.4	
HKLR	HY/2011/03	2013-09-11	Mid-Ebb	Sunny	IS10	16:52:01	5.1	Middle	2	1	27.69	7.92	20.58	71.3	5.02	5.7	5.8	
HKLR	HY/2011/03	2013-09-11	Mid-Ebb	Sunny	IS10	16:52:45	5.1	Middle	2	2	27.63	7.9	20.58	71.4	5.02	5.5	4.2	
HKLR	HY/2011/03	2013-09-11	Mid-Ebb	Sunny	IS10	16:51:45	9.2	Bottom	3	1	27.49	7.89	22.31	68.4	4.77	5.7	4.6	
HKLR	HY/2011/03	2013-09-11	Mid-Ebb	Sunny	IS10	16:52:35	9.2	Bottom	3	2	27.57	7.88	22.29	69.6	4.85	5.7	4.9	
HKLR	HY/2011/03	2013-09-11	Mid-Ebb	Sunny	SR3	16:14:13	0.6	Middle	2	1	28.66	7.86	20.24	98.7	6.82	4	5	
HKLR	HY/2011/03	2013-09-11	Mid-Ebb	Sunny	SR3	16:14:12	0.6	Middle	2	2	28.66	7.87	20.24	98.7	6.82	4.1	3.9	
HKLR	HY/2011/03	2013-09-11	Mid-Ebb	Sunny	SR4	15:47:12	1.0	Surface	1	1	28.98	7.8	18.22	91.3	6.34	4.2	7.6	
HKLR	HY/2011/03	2013-09-11	Mid-Ebb	Sunny	SR4	15:46:57	1.0	Surface	1	2	29.07	7.82	18.04	94.5	6.54	4.4	7.7	
HKLR	HY/2011/03	2013-09-11	Mid-Ebb	Sunny	SR4	15:46:46	2.4	Bottom	3	1	28.97	7.85	19.05	91.8	6.37	4.6	6.2	
HKLR	HY/2011/03	2013-09-11	Mid-Ebb	Sunny	SR4	15:47:02	2.4	Bottom	3	2	28.91	7.81	18.46	90.8	6.31	4.5	6.6	
HKLR	HY/2011/03	2013-09-11	Mid-Ebb	Sunny	SR5	16:41:19	1.0	Surface	1	1	28.11	7.96	18.47	73.9	5.2	4.5	4.2	
HKLR	HY/2011/03	2013-09-11	Mid-Ebb	Sunny	SR5	16:40:56	1.0	Surface	1	2	28.04	7.99	18.5	73.7	5.18	4.6	3.9	
HKLR	HY/2011/03	2013-09-11	Mid-Ebb	Sunny	SR5	16:41:06	3.5	Bottom	3	1	27.99	7.96	19.95	73.7	5.19	4.8	4.7	
HKLR	HY/2011/03	2013-09-11	Mid-Ebb	Sunny	SR5	16:40:46	3.5	Bottom	3	2	27.77	8	19.98	73.5	5.15	4.7	4.2	
HKLR	HY/2011/03	2013-09-11	Mid-Ebb	Sunny	SR10A	17:40:03	1.0	Surface	1	1	27.62	7.82	24.21	81.6	5.61	1.7	2	
HKLR	HY/2011/03	2013-09-11	Mid-Ebb	Sunny	SR10A	17:40:24	1.0	Surface	1	2	27.65	7.81	24.13	80.9	5.57	1.8	1.9	
HKLR	HY/2011/03	2013-09-11	Mid-Ebb	Sunny	SR10A	17:40:17	3.1	Middle	2	1	27.61	7.81	24.22	80.7	5.55	1.9	2	
HKLR	HY/2011/03	2013-09-11	Mid-Ebb	Sunny	SR10A	17:39:58	3.1	Middle	2	2	27.6	7.82	24.29	81.2	5.59	1.7	3.2	
HKLR	HY/2011/03	2013-09-11	Mid-Ebb	Sunny	SR10A	17:40:10	5.2	Bottom	3	1	27.63	7.81	24.25	80.6	5.55	1.9	4.4	
HKLR	HY/2011/03	2013-09-11	Mid-Ebb	Sunny	SR10A	17:39:54	5.2	Bottom	3	2	27.63	7.82	24.27	81.1	5.58	1.8	4.4	
HKLR	HY/2011/03	2013-09-11	Mid-Ebb	Sunny	SR10B	17:49:26	1.0	Surface	1	1	27.63	7.81	24.12	80.2	5.52	1.9	3.2	
HKLR	HY/2011/03	2013-09-11	Mid-Ebb	Sunny	SR10B	17:49:50	1.0	Surface	1	2	27.64	7.8	24.09	80.1	5.51	1.7	4.2	
HKLR	HY/2011/03	2013-09-11	Mid-Ebb	Sunny	SR10B	17:49:15	3.6	Bottom	3	1	27.63	7.81	24.14	80.2	5.52	1.9	5.9	
HKLR	HY/2011/03	2013-09-11	Mid-Ebb	Sunny	SR10B	17:49:34	3.6	Bottom	3	2	27.6	7.81	24.21	79.9	5.5	1.9	6.6	

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	Site Observation
HKLR	HY/2011/03	2013-09-11	Mid-Ebb	Sunny	CS2	15:16:56	1.0	Surface	1	1	28.52	8.11	16.7	77.8	5.5	7.7	2.5	
HKLR	HY/2011/03	2013-09-11	Mid-Ebb	Sunny	CS2	15:16:24	1.0	Surface	1	2	28.61	8.17	16.71	78.3	5.52	7.9	3.5	
HKLR	HY/2011/03	2013-09-11	Mid-Ebb	Sunny	CS2	15:16:11	3.9	Middle	2	1	27.82	8.17	20.74	76.2	5.32	10.1	3.9	
HKLR	HY/2011/03	2013-09-11	Mid-Ebb	Sunny	CS2	15:16:46	3.9	Middle	2	2	27.93	8.08	20.31	78.3	5.45	10.2	3.4	
HKLR	HY/2011/03	2013-09-11	Mid-Ebb	Sunny	CS2	15:16:34	6.8	Bottom	3	1	28.06	8.09	20.91	75.7	5.3	11.6	5.9	
HKLR	HY/2011/03	2013-09-11	Mid-Ebb	Sunny	CS2	15:15:52	6.8	Bottom	3	2	27.76	8.25	21.24	73.9	5.17	11.2	5.5	
HKLR	HY/2011/03	2013-09-11	Mid-Ebb	Sunny	CS(Mf)5	17:15:51	1.0	Surface	1	1	28.36	7.83	20.5	83.4	5.79	3.1	3.3	
HKLR	HY/2011/03	2013-09-11	Mid-Ebb	Sunny	CS(Mf)5	17:15:15	1.0	Surface	1	2	28.23	7.83	20.62	81.1	5.63	3	4.9	
HKLR	HY/2011/03	2013-09-11	Mid-Ebb	Sunny	CS(Mf)5	17:15:37	6.7	Middle	2	1	27.08	7.81	25.11	80.5	5.51	3.2	4	
HKLR	HY/2011/03	2013-09-11	Mid-Ebb	Sunny	CS(Mf)5	17:15:00	6.7	Middle	2	2	27.03	7.81	25.78	76.6	5.26	3.4	3.5	
HKLR	HY/2011/03	2013-09-11	Mid-Ebb	Sunny	CS(Mf)5	17:14:50	12.3	Bottom	3	1	27.06	7.8	26.18	74.5	5.13	3.4	4.6	
HKLR	HY/2011/03	2013-09-11	Mid-Ebb	Sunny	CS(Mf)5	17:15:29	12.3	Bottom	3	2	27.32	7.79	25.97	76.8	5.31	3.5	5.1	
HKLR	HY/2011/03	2013-09-11	Mid-Flood	Sunny	IS5	11:34:08	1.0	Surface	1	1	28.13	7.72	19.64	87.6	6.12	4.3	5.4	
HKLR	HY/2011/03	2013-09-11	Mid-Flood	Sunny	IS5	11:33:29	1.0	Surface	1	2	28.03	7.71	19.75	80.9	5.66	4.3	4.1	
HKLR	HY/2011/03	2013-09-11	Mid-Flood	Sunny	IS5	11:33:51	4.6	Middle	2	1	27.74	7.69	20.31	84.9	5.92	4.5	4.7	
HKLR	HY/2011/03	2013-09-11	Mid-Flood	Sunny	IS5	11:33:20	4.6	Middle	2	2	27.74	7.68	20.2	77.2	5.39	4.6	4.2	
HKLR	HY/2011/03	2013-09-11	Mid-Flood	Sunny	IS5	11:33:15	8.2	Bottom	3	1	27.72	7.68	21.16	76.4	5.36	4.8	5.8	
HKLR	HY/2011/03	2013-09-11	Mid-Flood	Sunny	IS5	11:33:46	8.2	Bottom	3	2	27.76	7.69	21.14	81.8	5.74	4.6	4.2	
HKLR	HY/2011/03	2013-09-11	Mid-Flood	Sunny	IS(Mf)6	11:26:35	1.0	Surface	1	1	28.21	7.71	18.98	88.8	6.22	5	4.1	
HKLR	HY/2011/03	2013-09-11	Mid-Flood	Sunny	IS(Mf)6	11:26:14	1.0	Surface	1	2	28.21	7.69	18.77	88.8	6.23	4.9	4.1	
HKLR	HY/2011/03	2013-09-11	Mid-Flood	Sunny	IS(Mf)6	11:26:28	2.5	Bottom	3	1	28.19	7.7	19.42	88.6	6.2	5.3	4.6	
HKLR	HY/2011/03	2013-09-11	Mid-Flood	Sunny	IS(Mf)6	11:26:10	2.5	Bottom	3	2	28.26	7.69	19.61	88.9	6.2	5.2	3.5	
HKLR	HY/2011/03	2013-09-11	Mid-Flood	Sunny	IS7	11:20:22	1.0	Surface	1	1	28.17	7.7	19.14	88.7	6.21	6.2	4	
HKLR	HY/2011/03	2013-09-11	Mid-Flood	Sunny	IS7	11:20:07	1.0	Surface	1	2	28.14	7.7	19.21	88.9	6.23	6.4	5.6	
HKLR	HY/2011/03	2013-09-11	Mid-Flood	Sunny	IS7	11:20:03	2.4	Bottom	3	1	28.17	7.7	19.19	88.9	6.23	6.6	4.2	
HKLR	HY/2011/03	2013-09-11	Mid-Flood	Sunny	IS7	11:20:13	2.4	Bottom	3	2	28.15	7.7	19.32	88.7	6.21	6.4	4.9	
HKLR	HY/2011/03	2013-09-11	Mid-Flood	Sunny	IS8	10:58:47	1.0	Surface	1	1	27.96	7.64	18.66	81	5.7	6.2	2.1	
HKLR	HY/2011/03	2013-09-11	Mid-Flood	Sunny	IS8	10:58:56	1.0	Surface	1	2	27.96	7.63	18.83	80.2	5.65	6.1	2.9	
HKLR	HY/2011/03	2013-09-11	Mid-Flood	Sunny	IS8	10:58:39	2.6	Bottom	3	1	27.96	7.64	18.79	80.4	5.67	6.2	2.8	
HKLR	HY/2011/03	2013-09-11	Mid-Flood	Sunny	IS8	10:58:51	2.6	Bottom	3	2	27.96	7.63	18.76	80	5.63	6.4	3.1	
HKLR	HY/2011/03	2013-09-11	Mid-Flood	Sunny	IS(Mf)9	11:14:29	1.0	Surface	1	1	28.04	7.66	18.85	81.9	5.74	5.6	3.2	
HKLR	HY/2011/03	2013-09-11	Mid-Flood	Sunny	IS(Mf)9	11:14:14	1.0	Surface	1	2	28.06	7.66	18.75	82.6	5.81	5.6	2.5	
HKLR	HY/2011/03	2013-09-11	Mid-Flood	Sunny	IS(Mf)9	11:14:03	2.3	Bottom	3	1	28.04	7.66	18.88	82.2	5.78	6	3.2	
HKLR	HY/2011/03	2013-09-11	Mid-Flood	Sunny	IS(Mf)9	11:14:22	2.3	Bottom	3	2	28.03	7.65	19.36	81.7	5.75	5.9	2.7	
HKLR	HY/2011/03	2013-09-11	Mid-Flood	Sunny	IS10	11:04:29	1.0	Surface	1	1	28.02	7.87	18.62	72.1	5.08	10.3	4.7	
HKLR	HY/2011/03	2013-09-11	Mid-Flood	Sunny	IS10	11:05:04	1.0	Surface	1	2	27.99	7.87	18.7	71.9	5.07	10.2	5.7	
HKLR	HY/2011/03	2013-09-11	Mid-Flood	Sunny	IS10	11:04:52	5.4	Middle	2	1	27.75	7.87	19.69	71.1	5.02	10.8	6.4	
HKLR	HY/2011/03	2013-09-11	Mid-Flood	Sunny	IS10	11:04:17	5.4	Middle	2	2	27.79	7.87	19.69	71.4	5.04	11.4	7.6	
HKLR	HY/2011/03	2013-09-11	Mid-Flood	Sunny	IS10	11:04:05	9.7	Bottom	3	1	27.76	7.85	21.67	71.6	4.99	12.3	9.2	
HKLR	HY/2011/03	2013-09-11	Mid-Flood	Sunny	IS10	11:04:44	9.7	Bottom	3	2	27.72	7.84	21.72	71	4.95	11.8	8.6	
HKLR	HY/2011/03	2013-09-11	Mid-Flood	Sunny	SR3	11:39:47	0.8	Middle	2	1	28.15	7.73	19.63	91.9	6.42	4.2	5.5	
HKLR	HY/2011/03	2013-09-11	Mid-Flood	Sunny	SR3	11:39:41	0.8	Middle	2	2	28.15	7.73	19.63	91.8	6.42	4.3	4.1	
HKLR	HY/2011/03	2013-09-11	Mid-Flood	Sunny	SR4	11:04:37	1.0	Surface	1	1	28.05	7.63	18.08	82.7	5.84	5.6	5.3	
HKLR	HY/2011/03	2013-09-11	Mid-Flood	Sunny	SR4	11:04:25	1.0	Surface	1	2	28.05	7.63	18.07	83.9	5.92	5.6	4.9	
HKLR	HY/2011/03	2013-09-11	Mid-Flood	Sunny	SR4	11:04:20	2.3	Bottom	3	1	28.05	7.63	18.09	83.3	5.88	5.6	4.8	
HKLR	HY/2011/03	2013-09-11	Mid-Flood	Sunny	SR4	11:04:31	2.3	Bottom	3	2	28.05	7.63	18.07	82.4	5.82	5.7	5.2	
HKLR	HY/2011/03	2013-09-11	Mid-Flood	Sunny	SR5	11:12:23	1.0	Surface	1	1	28.06	7.86	18.69	73.7	5.2	7.3	7.8	
HKLR	HY/2011/03	2013-09-11	Mid-Flood	Sunny	SR5	11:12:04	1.0	Surface	1	2	28	7.86	18.84	73.7	5.2	7.4	8	
HKLR	HY/2011/03	2013-09-11	Mid-Flood	Sunny	SR5	11:11:58	3.5	Bottom	3	1	27.96	7.86	19.22	73.6	5.18	7.6	7.6	
HKLR	HY/2011/03	2013-09-11	Mid-Flood	Sunny	SR5	11:12:11	3.5	Bottom	3	2	27.99	7.85	19.08	73.6	5.18	7.6	6.4	
HKLR	HY/2011/03	2013-09-11	Mid-Flood	Sunny	SR10A	10:04:30	1.0	Surface	1	1	27.49	7.71	21.45	74.7	5.21	2.8	2.6	
HKLR	HY/2011/03	2013-09-11	Mid-Flood	Sunny	SR10A	10:04:52	1.0	Surface	1	2	27.53	7.71	21.23	74.6	5.22	2.6	2.3	
HKLR	HY/2011/03	2013-09-11	Mid-Flood	Sunny	SR10A	10:04:47	3	Middle	2	1	27.44	7.71	21.54	74.4	5.19	2.7	2.3	
HKLR	HY/2011/03	2013-09-11	Mid-Flood	Sunny	SR10A	10:04:24	3	Middle	2	2	27.38	7.71	22.18	74.4	5.2	3	2.2	
HKLR	HY/2011/03	2013-09-11	Mid-Flood	Sunny	SR10A	10:04:18	5	Bottom	3	1	27.4	7.7	22.49	74.3	5.19	3.1	2.8	
HKLR	HY/2011/03	2013-09-11	Mid-Flood	Sunny	SR10A	10:04:40	5	Bottom	3	2	27.43	7.7	22.57	74.2	5.18	2.9	3.1	
HKLR	HY/2011/03	2013-09-11	Mid-Flood	Sunny	SR10B	09:58:48	1.0	Surface	1	1	27.47	7.73	20.95	75.9	5.29	2.7	2.1	
HKLR	HY/2011/03	2013-09-11	Mid-Flood	Sunny	SR10B	09:59:02	1.0	Surface	1	2	27.57	7.72	20.81	75.7	5.31	2.7	2	
HKLR	HY/2011/03	2013-09-11	Mid-Flood	Sunny	SR10B	09:58:55	4.0	Bottom	3	1	27.57	7.72	21.8	75.8	5.28	2.8	2.5	
HKLR	HY/2011/03	2013-09-11	Mid-Flood	Sunny	SR10B	09:58:43	4.0	Bottom	3	2	27.46	7.72	22.06	75.3	5.28	2.9	3.2	
HKLR	HY/2011/03	2013-09-11	Mid-Flood	Sunny	CS2	12:44:17	1.0	Surface	1	1	28.09	7.87	17.97	72.3	5.12	9.1	5.6	
HKLR	HY/2011/03	2013-09-11	Mid-Flood	Sunny	CS2	12:43:37	1.0	Surface	1	2	28.1	7.87	17.86	71.9	5.09	9.5	6.6	
HKLR	HY/2011/03	2013-09-11	Mid-Flood	Sunny	CS2	12:43:20	4.0	Middle	2	1	27.61	7.85	21.16	71	5.02	10.2	7.2	
HKLR	HY/2011/03	2013-09-11	Mid-Flood	Sunny	CS2	12:43:59	4.0	Middle	2	2	27.63	7.85	21	71.7	5.07	10.3	8.3	

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	Site Observation
HKLR	HY/2011/03	2013-09-11	Mid-Flood	Sunny	CS2	12:43:09	6.9	Bottom	3	1	27.6	7.83	21.26	71.3	4.99	10.6	15.8	
HKLR	HY/2011/03	2013-09-11	Mid-Flood	Sunny	CS2	12:43:49	6.9	Bottom	3	2	27.68	7.84	21.11	70.5	4.93	10.3	16.8	
HKLR	HY/2011/03	2013-09-11	Mid-Flood	Sunny	CS(Mf)5	10:31:26	1.0	Surface	1	1	27.61	7.72	20.06	74.8	5.16	3.1	2.1	
HKLR	HY/2011/03	2013-09-11	Mid-Flood	Sunny	CS(Mf)5	10:31:58	1.0	Surface	1	2	27.52	7.72	20.35	73.3	5.08	3	2.1	
HKLR	HY/2011/03	2013-09-11	Mid-Flood	Sunny	CS(Mf)5	10:31:16	6.8	Middle	2	1	27	7.71	23.93	73.3	5.16	3.3	4.4	
HKLR	HY/2011/03	2013-09-11	Mid-Flood	Sunny	CS(Mf)5	10:31:48	6.8	Middle	2	2	26.99	7.71	23.82	72.3	5.05	3.2	3.3	
HKLR	HY/2011/03	2013-09-11	Mid-Flood	Sunny	CS(Mf)5	10:31:08	12.5	Bottom	3	1	27.19	7.67	25.2	72.1	5.02	3.5	3.5	
HKLR	HY/2011/03	2013-09-11	Mid-Flood	Sunny	CS(Mf)5	10:31:39	12.5	Bottom	3	2	27.19	7.68	25.15	71.1	4.95	3.6	4.8	
HKLR	HY/2011/03	2013-09-13	Mid-Ebb	Fine	IS5	07:37:11	1.0	Surface	1	1	28.03	7.83	20.93	77.6	5.4	6.4	2.4	
HKLR	HY/2011/03	2013-09-13	Mid-Ebb	Fine	IS5	07:37:36	1.0	Surface	1	2	28.06	7.83	20.97	78	5.43	6.5	2.2	
HKLR	HY/2011/03	2013-09-13	Mid-Ebb	Fine	IS5	07:37:02	4.2	Middle	2	1	27.88	7.85	21.67	75.7	5.26	7.6	2.8	
HKLR	HY/2011/03	2013-09-13	Mid-Ebb	Fine	IS5	07:37:26	4.2	Middle	2	2	27.77	7.84	21.97	76.2	5.3	7.7	3.1	
HKLR	HY/2011/03	2013-09-13	Mid-Ebb	Fine	IS5	07:36:53	7.3	Bottom	3	1	27.77	7.82	24.53	76.8	5.26	7.8	2.7	
HKLR	HY/2011/03	2013-09-13	Mid-Ebb	Fine	IS5	07:37:20	7.3	Bottom	3	2	27.86	7.81	24.35	77.9	5.34	7.9	2.5	
HKLR	HY/2011/03	2013-09-13	Mid-Ebb	Fine	IS(Mf)6	07:29:45	1.0	Surface	1	1	28.44	7.8	19.97	83.9	5.84	12.2	6.4	
HKLR	HY/2011/03	2013-09-13	Mid-Ebb	Fine	IS(Mf)6	07:30:08	1.0	Surface	1	2	28.43	7.8	20.01	84	5.84	12.3	6.5	
HKLR	HY/2011/03	2013-09-13	Mid-Ebb	Fine	IS(Mf)6	07:29:57	2.3	Bottom	3	1	28.42	7.78	21.04	84.4	5.83	14.7	6.1	
HKLR	HY/2011/03	2013-09-13	Mid-Ebb	Fine	IS(Mf)6	07:29:37	2.3	Bottom	3	2	28.43	7.78	20.59	83.5	5.79	14.5	6.8	
HKLR	HY/2011/03	2013-09-13	Mid-Ebb	Fine	IS7	07:23:49	1.0	Surface	1	1	28.32	7.78	20.39	80.4	5.59	6	3.1	
HKLR	HY/2011/03	2013-09-13	Mid-Ebb	Fine	IS7	07:23:29	1.0	Surface	1	2	28.33	7.77	20.67	77.9	5.4	6.1	3	
HKLR	HY/2011/03	2013-09-13	Mid-Ebb	Fine	IS7	07:23:15	2.2	Bottom	3	1	28.04	7.75	21.77	75.1	5.21	8.1	2	
HKLR	HY/2011/03	2013-09-13	Mid-Ebb	Fine	IS7	07:23:37	2.2	Bottom	3	2	28.23	7.76	21.17	77.9	5.4	8.3	2.1	
HKLR	HY/2011/03	2013-09-13	Mid-Ebb	Fine	IS8	07:01:19	1.0	Surface	1	1	28.29	7.81	20.12	81.6	5.68	7.4	2.1	
HKLR	HY/2011/03	2013-09-13	Mid-Ebb	Fine	IS8	07:01:40	1.0	Surface	1	2	28.3	7.82	20.13	85.4	5.95	7.4	2.4	
HKLR	HY/2011/03	2013-09-13	Mid-Ebb	Fine	IS8	07:01:28	2.8	Bottom	3	1	28.21	7.81	21.15	84.2	5.84	7.6	2.3	
HKLR	HY/2011/03	2013-09-13	Mid-Ebb	Fine	IS8	07:01:08	2.8	Bottom	3	2	28.08	7.77	21.53	78.6	5.45	7.4	2.3	
HKLR	HY/2011/03	2013-09-13	Mid-Ebb	Fine	IS(Mf)9	07:17:33	1.0	Surface	1	1	28.31	7.79	20.59	82.6	5.74	10.6	2.1	
HKLR	HY/2011/03	2013-09-13	Mid-Ebb	Fine	IS(Mf)9	07:17:08	1.0	Surface	1	2	28.26	7.79	20.5	82.2	5.71	10.5	3.1	
HKLR	HY/2011/03	2013-09-13	Mid-Ebb	Fine	IS(Mf)9	07:17:00	2.6	Bottom	3	1	28.18	7.78	21.47	82.7	5.73	10.8	2.6	
HKLR	HY/2011/03	2013-09-13	Mid-Ebb	Fine	IS(Mf)9	07:17:19	2.6	Bottom	3	2	28.09	7.77	21.54	80.9	5.61	10.8	2.4	
HKLR	HY/2011/03	2013-09-13	Mid-Ebb	Fine	IS10	06:33:49	1.0	Surface	1	1	28.25	7.89	17.22	79.1	5.6	1.5	0.8	
HKLR	HY/2011/03	2013-09-13	Mid-Ebb	Fine	IS10	06:33:18	1.0	Surface	1	2	28.26	7.89	17.18	79	5.59	1.5	0.8	
HKLR	HY/2011/03	2013-09-13	Mid-Ebb	Fine	IS10	06:33:38	5.6	Middle	2	1	28.2	7.89	17.37	78.9	5.58	1.5	0.9	
HKLR	HY/2011/03	2013-09-13	Mid-Ebb	Fine	IS10	06:33:07	5.6	Middle	2	2	28.2	7.89	17.43	78.9	5.59	1.5	0.7	
HKLR	HY/2011/03	2013-09-13	Mid-Ebb	Fine	IS10	06:33:28	10.1	Bottom	3	1	28.19	7.88	17.9	78.6	5.55	1.5	0.8	
HKLR	HY/2011/03	2013-09-13	Mid-Ebb	Fine	IS10	06:33:01	10.1	Bottom	3	2	28.24	7.89	17.41	78.7	5.57	1.4	0.8	
HKLR	HY/2011/03	2013-09-13	Mid-Ebb	Fine	SR3	07:46:22	0.7	Middle	2	1	28.15	7.8	20.75	82	5.7	4.4	4	
HKLR	HY/2011/03	2013-09-13	Mid-Ebb	Fine	SR3	07:46:13	0.7	Middle	2	2	28.16	7.8	20.81	81.8	5.69	4.2	3.4	
HKLR	HY/2011/03	2013-09-13	Mid-Ebb	Fine	SR4	07:06:08	1.0	Surface	1	1	28.29	7.75	20.07	75.2	5.24	9	5.2	
HKLR	HY/2011/03	2013-09-13	Mid-Ebb	Fine	SR4	07:06:31	1.0	Surface	1	2	28.29	7.74	20.18	75.3	5.24	8.9	5.3	
HKLR	HY/2011/03	2013-09-13	Mid-Ebb	Fine	SR4	07:05:59	2.7	Bottom	3	1	28.26	7.73	21.18	75.5	5.23	10.8	5.1	
HKLR	HY/2011/03	2013-09-13	Mid-Ebb	Fine	SR4	07:06:21	2.7	Bottom	3	2	28.27	7.73	21.03	75.7	5.25	10.5	5.7	
HKLR	HY/2011/03	2013-09-13	Mid-Ebb	Fine	SR5	06:37:45	1.0	Surface	1	1	28.22	7.89	16.82	78.9	5.6	1.3	1.8	
HKLR	HY/2011/03	2013-09-13	Mid-Ebb	Fine	SR5	06:37:25	1.0	Surface	1	2	28.23	7.88	17.28	78.8	5.58	1.3	1.4	
HKLR	HY/2011/03	2013-09-13	Mid-Ebb	Fine	SR5	06:37:15	4.1	Bottom	3	1	28.19	7.88	17.55	78.3	5.54	1.4	2.1	
HKLR	HY/2011/03	2013-09-13	Mid-Ebb	Fine	SR5	06:37:39	4.1	Bottom	3	2	28.19	7.88	17.6	78.5	5.55	1.3	2.7	
HKLR	HY/2011/03	2013-09-13	Mid-Ebb	Fine	SR10A	05:48:33	1.0	Surface	1	1	27.94	7.79	21.44	82.1	5.71	1.8	0.9	
HKLR	HY/2011/03	2013-09-13	Mid-Ebb	Fine	SR10A	05:47:59	1.0	Surface	1	2	27.95	7.79	21.45	82	5.7	1.9	0.9	
HKLR	HY/2011/03	2013-09-13	Mid-Ebb	Fine	SR10A	05:48:18	3.2	Middle	2	1	27.94	7.79	21.64	81.9	5.69	1.8	1.8	
HKLR	HY/2011/03	2013-09-13	Mid-Ebb	Fine	SR10A	05:47:51	3.2	Middle	2	2	27.94	7.79	21.74	81.9	5.68	1.8	1.9	
HKLR	HY/2011/03	2013-09-13	Mid-Ebb	Fine	SR10A	05:47:44	5.3	Bottom	3	1	27.94	7.79	21.76	81.9	5.69	1.8	1.5	
HKLR	HY/2011/03	2013-09-13	Mid-Ebb	Fine	SR10A	05:48:09	5.3	Bottom	3	2	27.96	7.79	21.58	81.9	5.69	1.8	1.3	
HKLR	HY/2011/03	2013-09-13	Mid-Ebb	Fine	SR10B	05:41:45	1.0	Surface	1	1	27.81	7.82	22.86	81.2	5.61	2.5	2.6	
HKLR	HY/2011/03	2013-09-13	Mid-Ebb	Fine	SR10B	05:42:05	1.0	Surface	1	2	27.8	7.82	23.12	80.7	5.58	2.5	2.3	
HKLR	HY/2011/03	2013-09-13	Mid-Ebb	Fine	SR10B	05:41:35	3.9	Bottom	3	1	27.8	7.82	23.43	81.3	5.6	2.6	2.6	
HKLR	HY/2011/03	2013-09-13	Mid-Ebb	Fine	SR10B	05:41:57	3.9	Bottom	3	2	27.79	7.82	23.46	80.8	5.57	2.5	2.3	
HKLR	HY/2011/03	2013-09-13	Mid-Ebb	Fine	CS2	07:46:47	1.0	Surface	1	1	28.3	7.88	17.11	75.7	5.36	1.7	1.7	
HKLR	HY/2011/03	2013-09-13	Mid-Ebb	Fine	CS2	07:47:14	1.0	Surface	1	2	28.34	7.88	16.84	75.8	5.37	1.7	1.6	
HKLR	HY/2011/03	2013-09-13	Mid-Ebb	Fine	CS2	07:47:05	4.1	Middle	2	1	28.27	7.88	17.55	75.8	5.36	1.7	2.1	
HKLR	HY/2011/03	2013-09-13	Mid-Ebb	Fine	CS2	07:46:41	4.1	Middle	2	2	28.26	7.87	17.45	75.5	5.34	1.6	2.3	
HKLR	HY/2011/03	2013-09-13	Mid-Ebb	Fine	CS2	07:46:55	7.2	Bottom	3	1	28.26	7.87	18.01	75.4	5.32	1.8	2.4	
HKLR	HY/2011/03	2013-09-13	Mid-Ebb	Fine	CS2	07:46:34	7.2	Bottom	3	2	28.25	7.86	18	75.1	5.29	1.7	2.2	
HKLR	HY/2011/03	2013-09-13	Mid-Ebb	Fine	CS(Mf)5	06:27:20	1.0	Surface	1	1	27.87	7.79	20.38	73	5.11	4.3	3.1	
HKLR	HY/2011/03	2013-09-13	Mid-Ebb	Fine	CS(Mf)5	06:26:49	1.0	Surface	1	2	27.91	7.78	20.35	74.9	5.24	4.3	2.9	

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L	Site Observation
HKLR	HY/2011/03	2013-09-13	Mid-Ebb	Fine	CS(Mf)5	06:26:33	6.2	Middle	2	1	27.7	7.77	22.78	72.4	5.07	5.7	2.2	
HKLR	HY/2011/03	2013-09-13	Mid-Ebb	Fine	CS(Mf)5	06:27:10	6.2	Middle	2	2	27.58	7.79	23.04	74.2	5.05	6	2.9	
HKLR	HY/2011/03	2013-09-13	Mid-Ebb	Fine	CS(Mf)5	06:27:00	11.3	Bottom	3	1	27.66	7.74	26.08	71.2	4.94	5.9	2.3	
HKLR	HY/2011/03	2013-09-13	Mid-Ebb	Fine	CS(Mf)5	06:26:13	11.3	Bottom	3	2	27.53	7.75	26.09	72.9	4.97	6	2.6	
HKLR	HY/2011/03	2013-09-13	Mid-Flood	Sunny	IS5	13:22:38	1.0	Surface	1	1	28.77	7.85	20.97	87.8	6.04	8.3	3.3	
HKLR	HY/2011/03	2013-09-13	Mid-Flood	Sunny	IS5	13:22:05	1.0	Surface	1	2	28.68	7.84	21.06	84.7	5.83	8.2	3.1	
HKLR	HY/2011/03	2013-09-13	Mid-Flood	Sunny	IS5	13:21:56	4.2	Middle	2	1	28.32	7.82	21.52	80.4	5.56	8.4	4.1	
HKLR	HY/2011/03	2013-09-13	Mid-Flood	Sunny	IS5	13:22:27	4.2	Middle	2	2	28.43	7.82	21.36	81.9	5.65	8.6	4.3	
HKLR	HY/2011/03	2013-09-13	Mid-Flood	Sunny	IS5	13:22:17	7.4	Bottom	3	1	28.22	7.82	22.58	84.8	5.84	8.9	4.6	
HKLR	HY/2011/03	2013-09-13	Mid-Flood	Sunny	IS5	13:21:47	7.4	Bottom	3	2	28.17	7.81	22.9	83.1	5.71	9.2	4.4	
HKLR	HY/2011/03	2013-09-13	Mid-Flood	Sunny	IS(Mf)6	13:31:14	1.0	Surface	1	1	28.81	7.86	20.27	96.3	6.65	8.4	6.9	
HKLR	HY/2011/03	2013-09-13	Mid-Flood	Sunny	IS(Mf)6	13:31:27	1.0	Surface	1	2	28.81	7.86	20.18	96.2	6.64	8.8	6	
HKLR	HY/2011/03	2013-09-13	Mid-Flood	Sunny	IS(Mf)6	13:31:20	2.1	Bottom	3	1	28.82	7.85	20.96	96.2	6.61	11.4	4.3	
HKLR	HY/2011/03	2013-09-13	Mid-Flood	Sunny	IS(Mf)6	13:31:06	2.1	Bottom	3	2	28.84	7.85	20.72	96.1	6.61	11.7	4.6	
HKLR	HY/2011/03	2013-09-13	Mid-Flood	Sunny	IS7	13:37:35	1.0	Surface	1	1	28.81	7.84	19.96	93.3	6.45	8.6	5.1	
HKLR	HY/2011/03	2013-09-13	Mid-Flood	Sunny	IS7	13:37:20	1.0	Surface	1	2	28.82	7.84	20.02	93.5	6.46	8.5	5.6	
HKLR	HY/2011/03	2013-09-13	Mid-Flood	Sunny	IS7	13:37:11	2.2	Bottom	3	1	28.82	7.84	20.19	93.5	6.45	8.4	6.2	
HKLR	HY/2011/03	2013-09-13	Mid-Flood	Sunny	IS7	13:37:27	2.2	Bottom	3	2	28.82	7.84	20.21	93.4	6.44	8.5	6.7	
HKLR	HY/2011/03	2013-09-13	Mid-Flood	Sunny	IS8	14:02:54	1.0	Surface	1	1	28.39	7.8	19.52	86.9	6.06	5.2	5.4	
HKLR	HY/2011/03	2013-09-13	Mid-Flood	Sunny	IS8	14:02:37	1.0	Surface	1	2	28.39	7.8	19.52	87.1	6.08	5	5.4	
HKLR	HY/2011/03	2013-09-13	Mid-Flood	Sunny	IS8	14:02:28	2.9	Bottom	3	1	28.38	7.8	19.62	87.3	6.09	5.2	3.4	
HKLR	HY/2011/03	2013-09-13	Mid-Flood	Sunny	IS8	14:02:45	2.9	Bottom	3	2	28.37	7.8	19.64	87	6.07	5.1	3.9	
HKLR	HY/2011/03	2013-09-13	Mid-Flood	Sunny	IS(Mf)9	13:44:29	1.0	Surface	1	1	28.51	7.81	19.49	88.7	6.18	5.4	3.2	
HKLR	HY/2011/03	2013-09-13	Mid-Flood	Sunny	IS(Mf)9	13:45:48	1.0	Surface	1	2	28.52	7.81	19.63	88.7	6.17	5.1	3.1	
HKLR	HY/2011/03	2013-09-13	Mid-Flood	Sunny	IS(Mf)9	13:45:37	2.6	Bottom	3	1	28.52	7.81	19.78	89.1	6.19	6.4	3.8	
HKLR	HY/2011/03	2013-09-13	Mid-Flood	Sunny	IS(Mf)9	13:44:17	2.6	Bottom	3	2	28.51	7.8	19.86	88.5	6.15	6.6	3.6	
HKLR	HY/2011/03	2013-09-13	Mid-Flood	Sunny	IS10	14:46:17	1.0	Surface	1	1	28.39	8	18	83.5	5.78	7.8	4.6	
HKLR	HY/2011/03	2013-09-13	Mid-Flood	Sunny	IS10	14:45:59	1.0	Surface	1	2	28.58	8.01	17.96	83.8	5.88	7.7	4.8	
HKLR	HY/2011/03	2013-09-13	Mid-Flood	Sunny	IS10	14:45:46	5.6	Middle	2	1	28.05	7.96	20.52	82.9	5.72	8.1	8.7	
HKLR	HY/2011/03	2013-09-13	Mid-Flood	Sunny	IS10	14:46:12	5.6	Middle	2	2	28.1	7.96	20.84	82.2	5.76	8	8.4	
HKLR	HY/2011/03	2013-09-13	Mid-Flood	Sunny	IS10	14:46:08	10.1	Bottom	3	1	28.27	7.96	21.91	81.3	5.66	8.1	7.4	
HKLR	HY/2011/03	2013-09-13	Mid-Flood	Sunny	IS10	14:45:39	10.1	Bottom	3	2	28.05	7.94	22.48	79.5	5.54	8.3	7.4	
HKLR	HY/2011/03	2013-09-13	Mid-Flood	Sunny	SR3	13:14:39	0.8	Middle	2	1	28.76	7.94	21.03	95.6	6.58	10.5	3.4	
HKLR	HY/2011/03	2013-09-13	Mid-Flood	Sunny	SR3	13:14:47	0.8	Middle	2	2	28.72	7.93	21.08	95.3	6.55	10	3.3	
HKLR	HY/2011/03	2013-09-13	Mid-Flood	Sunny	SR4	13:57:13	1.0	Surface	1	1	28.38	7.77	19.53	83.7	5.84	10.6	5.2	
HKLR	HY/2011/03	2013-09-13	Mid-Flood	Sunny	SR4	13:56:51	1.0	Surface	1	2	28.37	7.77	19.6	84.1	5.87	10.5	5.4	
HKLR	HY/2011/03	2013-09-13	Mid-Flood	Sunny	SR4	13:56:42	2.7	Bottom	3	1	28.38	7.77	19.6	84.9	5.92	10.5	5.3	
HKLR	HY/2011/03	2013-09-13	Mid-Flood	Sunny	SR4	13:56:59	2.7	Bottom	3	2	28.37	7.77	19.62	83.8	5.84	10.9	4.6	
HKLR	HY/2011/03	2013-09-13	Mid-Flood	Sunny	SR5	14:39:47	1.0	Surface	1	1	28.46	8.01	17.97	83.4	5.86	8.1	5.1	
HKLR	HY/2011/03	2013-09-13	Mid-Flood	Sunny	SR5	14:40:24	1.0	Surface	1	2	28.58	7.99	18.23	86.7	6.07	7.6	5.7	
HKLR	HY/2011/03	2013-09-13	Mid-Flood	Sunny	SR5	14:39:52	4.1	Bottom	3	1	28.53	7.99	21.26	84.4	5.82	7.9	5.8	
HKLR	HY/2011/03	2013-09-13	Mid-Flood	Sunny	SR5	14:39:38	4.1	Bottom	3	2	28.29	7.98	21.51	84.5	5.84	8.3	5.3	
HKLR	HY/2011/03	2013-09-13	Mid-Flood	Sunny	SR10A	15:27:40	1.0	Surface	1	1	27.7	7.88	25.12	74.9	5.12	3.1	2.5	
HKLR	HY/2011/03	2013-09-13	Mid-Flood	Sunny	SR10A	15:27:09	1.0	Surface	1	2	27.72	7.88	25.07	75.9	5.19	3.2	3.4	
HKLR	HY/2011/03	2013-09-13	Mid-Flood	Sunny	SR10A	15:26:59	3.3	Middle	2	1	27.65	7.87	25.48	75.8	5.18	3.3	3.2	
HKLR	HY/2011/03	2013-09-13	Mid-Flood	Sunny	SR10A	15:27:29	3.3	Middle	2	2	27.57	7.88	25.61	74.4	5.08	3.2	2.5	
HKLR	HY/2011/03	2013-09-13	Mid-Flood	Sunny	SR10A	15:26:51	5.5	Bottom	3	1	27.7	7.87	25.41	76.4	5.22	3.8	3.2	
HKLR	HY/2011/03	2013-09-13	Mid-Flood	Sunny	SR10A	15:27:18	5.5	Bottom	3	2	27.59	7.87	26.5	75.3	5.12	3.7	3.2	
HKLR	HY/2011/03	2013-09-13	Mid-Flood	Sunny	SR10B	15:33:39	1.0	Surface	1	1	27.67	7.88	25.17	74.6	5.11	2.7	3.3	
HKLR	HY/2011/03	2013-09-13	Mid-Flood	Sunny	SR10B	15:33:56	1.0	Surface	1	2	27.65	7.88	25.23	74.3	5.08	2.8	1.6	
HKLR	HY/2011/03	2013-09-13	Mid-Flood	Sunny	SR10B	15:33:47	3.7	Bottom	3	1	27.58	7.87	26.55	74.4	5.06	2.6	1.3	
HKLR	HY/2011/03	2013-09-13	Mid-Flood	Sunny	SR10B	15:33:30	3.7	Bottom	3	2	27.64	7.87	26.34	74.7	5.08	2.7	1.4	
HKLR	HY/2011/03	2013-09-13	Mid-Flood	Sunny	CS2	13:48:43	1.0	Surface	1	1	28.79	8.12	16.19	84.4	5.96	2.3	0.6	
HKLR	HY/2011/03	2013-09-13	Mid-Flood	Sunny	CS2	13:49:21	1.0	Surface	1	2	28.78	8.05	16.2	83	5.86	2.3	0.9	
HKLR	HY/2011/03	2013-09-13	Mid-Flood	Sunny	CS2	13:48:28	4.1	Middle	2	1	28.24	8.19	16.53	84.3	5.84	2.6	1.1	
HKLR	HY/2011/03	2013-09-13	Mid-Flood	Sunny	CS2	13:49:07	4.1	Middle	2	2	28.13	8.06	16.78	78.4	5.49	2.4	1.1	
HKLR	HY/2011/03	2013-09-13	Mid-Flood	Sunny	CS2	13:48:14	7.1	Bottom	3	1	28.06	8.23	21.64	79.2	5.63	2.7	1.8	
HKLR	HY/2011/03	2013-09-13	Mid-Flood	Sunny	CS2	13:49:01	7.1	Bottom	3	2	27.96	8.01	22.26	77.2	5.43	2.5	1.4	
HKLR	HY/2011/03	2013-09-13	Mid-Flood	Sunny	CS(Mf)5	14:58:36	1.0	Surface	1	1	27.97	7.87	22.62	76.5	5.28	2.7	2.6	
HKLR	HY/2011/03	2013-09-13	Mid-Flood	Sunny	CS(Mf)5	14:59:23	1.0	Surface	1	2	27.92	7.88	22.62	76.6	5.29	2.6	3.6	
HKLR	HY/2011/03	2013-09-13	Mid-Flood	Sunny	CS(Mf)5	14:59:13	6.3	Middle	2	1	27.64	7.87	25.52	74.2	5.07	3.4	2.1	
HKLR	HY/2011/03	2013-09-13	Mid-Flood	Sunny	CS(Mf)5	14:58:23	6.3	Middle	2	2	27.51	7.87	25.79	73.3	5.01	3.7	3	
HKLR	HY/2011/03	2013-09-13	Mid-Flood	Sunny	CS(Mf)5	14:58:13	11.6	Bottom	3	1	27.48	7.85	27.32	74.9	5.08	3.5	2.3	
HKLR	HY/2011/03	2013-09-13	Mid-Flood	Sunny	CS(Mf)5	14:58:52	11.6	Bottom	3	2	27.42	7.85	27.33	74	5.03	3.7	2.8	

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L	Site Observation
HKLR	HY/2011/03	2013-09-16	Mid-Ebb	Sunny	IS5	11:09:00	1.0	Surface	1	1	28.69	7.99	21.86	86.1	5.9	7.7	6.8	
HKLR	HY/2011/03	2013-09-16	Mid-Ebb	Sunny	IS5	11:08:25	1.0	Surface	1	2	28.83	7.99	21.74	89.8	6.14	7.6	7.2	
HKLR	HY/2011/03	2013-09-16	Mid-Ebb	Sunny	IS5	11:08:11	4.2	Middle	2	1	28.16	7.95	23.67	85.3	5.82	8.3	6.8	
HKLR	HY/2011/03	2013-09-16	Mid-Ebb	Sunny	IS5	11:08:50	4.2	Middle	2	2	28.16	7.95	23.65	86.2	5.88	8.4	6.8	
HKLR	HY/2011/03	2013-09-16	Mid-Ebb	Sunny	IS5	11:08:39	7.3	Bottom	3	1	28.13	7.96	24.33	81.6	5.59	11.1	6.5	
HKLR	HY/2011/03	2013-09-16	Mid-Ebb	Sunny	IS5	11:07:55	7.3	Bottom	3	2	28.12	7.95	24.33	80.3	5.49	10.3	6.5	
HKLR	HY/2011/03	2013-09-16	Mid-Ebb	Sunny	IS(Mf)6	11:01:44	1.0	Surface	1	1	28.77	7.95	19.79	96.7	6.69	12.5	24.5	
HKLR	HY/2011/03	2013-09-16	Mid-Ebb	Sunny	IS(Mf)6	11:00:45	1.0	Surface	1	2	28.81	7.95	19.81	98.4	6.81	12.3	25.2	
HKLR	HY/2011/03	2013-09-16	Mid-Ebb	Sunny	IS(Mf)6	11:00:34	2.2	Bottom	3	1	28.79	7.94	19.91	98.1	6.78	12.2	25.1	
HKLR	HY/2011/03	2013-09-16	Mid-Ebb	Sunny	IS(Mf)6	11:01:36	2.2	Bottom	3	2	28.72	7.95	19.83	95.9	6.64	12.4	24.9	
HKLR	HY/2011/03	2013-09-16	Mid-Ebb	Sunny	IS7	10:54:19	1.0	Surface	1	1	28.88	7.96	19.93	100.5	6.94	8.8	9.2	
HKLR	HY/2011/03	2013-09-16	Mid-Ebb	Sunny	IS7	10:53:59	1.0	Surface	1	2	28.88	7.96	19.92	100.6	6.94	8.8	9.9	
HKLR	HY/2011/03	2013-09-16	Mid-Ebb	Sunny	IS7	10:54:09	2.1	Bottom	3	1	28.85	7.96	19.95	100.5	6.94	9	11.1	
HKLR	HY/2011/03	2013-09-16	Mid-Ebb	Sunny	IS7	10:53:49	2.1	Bottom	3	2	28.85	7.96	19.95	100	6.91	8.6	10.2	
HKLR	HY/2011/03	2013-09-16	Mid-Ebb	Sunny	IS8	10:31:38	1.0	Surface	1	1	28.67	7.96	20.5	91.4	6.31	8.5	5.7	
HKLR	HY/2011/03	2013-09-16	Mid-Ebb	Sunny	IS8	10:31:11	1.0	Surface	1	2	28.6	7.96	20.61	88.5	6.12	8.5	5.4	
HKLR	HY/2011/03	2013-09-16	Mid-Ebb	Sunny	IS8	10:31:03	3.1	Bottom	3	1	28.43	7.93	24.01	89.8	6.11	8.8	5.4	
HKLR	HY/2011/03	2013-09-16	Mid-Ebb	Sunny	IS8	10:31:27	3.1	Bottom	3	2	28.46	7.94	22.65	89.8	6.15	8.6	4.6	
HKLR	HY/2011/03	2013-09-16	Mid-Ebb	Sunny	IS(Mf)9	10:48:32	1.0	Surface	1	1	28.79	7.97	19.98	99.9	6.91	4.7	5.4	
HKLR	HY/2011/03	2013-09-16	Mid-Ebb	Sunny	IS(Mf)9	10:48:14	1.0	Surface	1	2	28.82	7.97	19.85	98.2	6.79	4.7	5.8	
HKLR	HY/2011/03	2013-09-16	Mid-Ebb	Sunny	IS(Mf)9	10:47:58	2.6	Bottom	3	1	28.6	7.93	20.41	98	6.65	4.8	7.1	
HKLR	HY/2011/03	2013-09-16	Mid-Ebb	Sunny	IS(Mf)9	10:48:24	2.6	Bottom	3	2	28.73	7.96	20.39	99.6	6.88	4.6	6	
HKLR	HY/2011/03	2013-09-16	Mid-Ebb	Sunny	IS10	10:40:38	1.0	Surface	1	1	28.42	8.11	21.65	87	5.99	2.8	4.9	
HKLR	HY/2011/03	2013-09-16	Mid-Ebb	Sunny	IS10	10:39:54	1.0	Surface	1	2	28.42	8.11	21.65	87.1	6	2.9	6	
HKLR	HY/2011/03	2013-09-16	Mid-Ebb	Sunny	IS10	10:39:47	5.6	Middle	2	1	28.39	8.11	21.68	86.9	5.99	2.9	4.6	
HKLR	HY/2011/03	2013-09-16	Mid-Ebb	Sunny	IS10	10:40:30	5.6	Middle	2	2	28.4	8.11	21.67	86.8	5.98	2.8	5.2	
HKLR	HY/2011/03	2013-09-16	Mid-Ebb	Sunny	IS10	10:39:39	10.1	Bottom	3	1	28.35	8.11	21.77	86.8	5.98	2.9	4.1	
HKLR	HY/2011/03	2013-09-16	Mid-Ebb	Sunny	IS10	10:40:18	10.1	Bottom	3	2	28.38	8.11	21.7	86.8	5.98	3	4.6	
HKLR	HY/2011/03	2013-09-16	Mid-Ebb	Sunny	SR3	11:16:21	0.7	Middle	2	1	28.89	8	21.78	99.1	6.77	4.2	5.6	
HKLR	HY/2011/03	2013-09-16	Mid-Ebb	Sunny	SR3	11:16:13	0.7	Middle	2	2	28.88	8	21.8	98.8	6.75	4.1	4.7	
HKLR	HY/2011/03	2013-09-16	Mid-Ebb	Sunny	SR4	10:37:52	1.0	Surface	1	1	28.84	7.91	18.91	91.2	6.33	6.2	2.9	
HKLR	HY/2011/03	2013-09-16	Mid-Ebb	Sunny	SR4	10:37:33	1.0	Surface	1	2	28.89	7.92	18.81	93.8	6.52	6.2	3.2	
HKLR	HY/2011/03	2013-09-16	Mid-Ebb	Sunny	SR4	10:37:44	2.8	Bottom	3	1	28.77	7.89	20.43	92.2	6.36	6.2	3.7	
HKLR	HY/2011/03	2013-09-16	Mid-Ebb	Sunny	SR4	10:37:23	2.8	Bottom	3	2	28.81	7.89	20.34	93.6	6.46	6	4.5	
HKLR	HY/2011/03	2013-09-16	Mid-Ebb	Sunny	SR5	10:45:49	1.0	Surface	1	1	28.43	8.1	21.65	87.2	6.01	2.9	5.3	
HKLR	HY/2011/03	2013-09-16	Mid-Ebb	Sunny	SR5	10:46:06	1.0	Surface	1	2	28.41	8.1	21.67	87	5.99	2.9	6	
HKLR	HY/2011/03	2013-09-16	Mid-Ebb	Sunny	SR5	10:45:25	3.8	Bottom	3	1	28.41	8.1	21.66	86.8	5.98	2.9	5	
HKLR	HY/2011/03	2013-09-16	Mid-Ebb	Sunny	SR5	10:45:58	3.8	Bottom	3	2	28.41	8.1	21.67	86.8	5.98	2.9	4.9	
HKLR	HY/2011/03	2013-09-16	Mid-Ebb	Sunny	SR10A	09:12:51	1.0	Surface	1	1	27.93	7.93	24.9	77.9	5.32	2.8	4.2	
HKLR	HY/2011/03	2013-09-16	Mid-Ebb	Sunny	SR10A	09:13:13	1.0	Surface	1	2	27.73	7.92	24.9	77.7	5.24	2.8	3.4	
HKLR	HY/2011/03	2013-09-16	Mid-Ebb	Sunny	SR10A	09:12:39	3.3	Middle	2	1	27.69	7.92	27.3	76.3	5.15	2.8	3.3	
HKLR	HY/2011/03	2013-09-16	Mid-Ebb	Sunny	SR10A	09:13:07	3.3	Middle	2	2	27.71	7.91	27.43	75.8	5.13	2.8	3.8	
HKLR	HY/2011/03	2013-09-16	Mid-Ebb	Sunny	SR10A	09:12:32	5.6	Bottom	3	1	27.66	7.91	27.81	75.3	5.09	2.7	3.8	
HKLR	HY/2011/03	2013-09-16	Mid-Ebb	Sunny	SR10A	09:13:00	5.6	Bottom	3	2	27.77	7.91	27.45	76.3	5.15	2.8	4	
HKLR	HY/2011/03	2013-09-16	Mid-Ebb	Sunny	SR10B	09:07:10	1.0	Surface	1	1	27.75	7.93	26.84	76.5	5.18	5.1	7	
HKLR	HY/2011/03	2013-09-16	Mid-Ebb	Sunny	SR10B	09:07:32	1.0	Surface	1	2	27.76	7.93	26.79	76.4	5.17	4.8	7.3	
HKLR	HY/2011/03	2013-09-16	Mid-Ebb	Sunny	SR10B	09:07:19	4.0	Bottom	3	1	27.75	7.93	26.84	76.3	5.17	4.9	9.9	
HKLR	HY/2011/03	2013-09-16	Mid-Ebb	Sunny	SR10B	09:07:02	4.0	Bottom	3	2	27.74	7.94	26.86	76.7	5.2	5.1	9.3	
HKLR	HY/2011/03	2013-09-16	Mid-Ebb	Sunny	CS2	11:41:11	1.0	Surface	1	1	28.57	8.09	21.05	82.3	5.68	2.7	5.6	
HKLR	HY/2011/03	2013-09-16	Mid-Ebb	Sunny	CS2	11:40:15	1.0	Surface	1	2	28.5	8.12	21.17	79.6	5.49	2.9	4	
HKLR	HY/2011/03	2013-09-16	Mid-Ebb	Sunny	CS2	11:40:44	4.0	Middle	2	1	28.28	8.11	22.82	79	5.39	3	4.8	
HKLR	HY/2011/03	2013-09-16	Mid-Ebb	Sunny	CS2	11:40:05	4.0	Middle	2	2	28.3	8.12	22.84	78.1	5.36	2.9	4.6	
HKLR	HY/2011/03	2013-09-16	Mid-Ebb	Sunny	CS2	11:39:56	7.0	Bottom	3	1	28.15	8.11	24.04	78	5.33	3.2	4.2	
HKLR	HY/2011/03	2013-09-16	Mid-Ebb	Sunny	CS2	11:40:30	7.0	Bottom	3	2	28.19	8.1	23.91	77.9	5.34	3	4.3	
HKLR	HY/2011/03	2013-09-16	Mid-Ebb	Sunny	CS(Mf)5	09:50:08	1.0	Surface	1	1	28.28	7.94	20.88	80	5.55	3.6	3.8	
HKLR	HY/2011/03	2013-09-16	Mid-Ebb	Sunny	CS(Mf)5	09:49:19	1.0	Surface	1	2	28.23	7.95	20.91	79	5.49	3.8	4.2	
HKLR	HY/2011/03	2013-09-16	Mid-Ebb	Sunny	CS(Mf)5	09:49:56	6.3	Middle	2	1	27.8	7.92	26.62	76.9	5.18	4.1	6.6	
HKLR	HY/2011/03	2013-09-16	Mid-Ebb	Sunny	CS(Mf)5	09:49:08	6.3	Middle	2	2	27.81	7.91	26.8	78.3	5.27	4.2	5.2	
HKLR	HY/2011/03	2013-09-16	Mid-Ebb	Sunny	CS(Mf)5	09:48:50	11.5	Bottom	3	1	27.77	7.88	27.82	75.1	5.08	5.2	4.8	
HKLR	HY/2011/03	2013-09-16	Mid-Ebb	Sunny	CS(Mf)5	09:49:35	11.5	Bottom	3	2	27.73	7.89	27.94	74.2	5.02	5.4	5.1	
HKLR	HY/2011/03	2013-09-16	Mid-Flood	Sunny	IS5	16:30:59	1.0	Surface	1	1	29.42	8.11	20.8	120	8.17	9.4	20	
HKLR	HY/2011/03	2013-09-16	Mid-Flood	Sunny	IS5	16:30:24	1.0	Surface	1	2	29.39	8.1	20.84	118.4	8.06	9.3	20.7	
HKLR	HY/2011/03	2013-09-16	Mid-Flood	Sunny	IS5	16:30:50	4.2	Middle	2	1	29.23	8.07	20.99	112.8	7.7	10.3	19.3	
HKLR	HY/2011/03	2013-09-16	Mid-Flood	Sunny	IS5	16:30:15	4.2	Middle	2	2	29.18	8.06	21.28	110.5	7.53	9.8	19.5	

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	Site Observation
HKLR	HY/2011/03	2013-09-16	Mid-Flood	Sunny	IS5	16:30:42	7.3	Bottom	3	1	28.95	8.04	22.05	112.3	7.65	10.6	20.2	
HKLR	HY/2011/03	2013-09-16	Mid-Flood	Sunny	IS5	16:30:02	7.3	Bottom	3	2	28.8	8.02	22.47	108.1	7.37	11.9	19.2	
HKLR	HY/2011/03	2013-09-16	Mid-Flood	Sunny	IS(Mf)6	16:40:16	1.0	Surface	1	1	29.47	8.11	21.07	125.5	8.53	11.4	11	
HKLR	HY/2011/03	2013-09-16	Mid-Flood	Sunny	IS(Mf)6	16:40:00	1.0	Surface	1	2	29.47	8.11	21.06	125.2	8.51	11.6	10.9	
HKLR	HY/2011/03	2013-09-16	Mid-Flood	Sunny	IS(Mf)6	16:39:46	2.0	Bottom	3	1	29.46	8.11	21.07	124.7	8.47	11.4	14.8	
HKLR	HY/2011/03	2013-09-16	Mid-Flood	Sunny	IS(Mf)6	16:40:07	2.0	Bottom	3	2	29.47	8.11	21.07	125.4	8.52	11.5	13.1	
HKLR	HY/2011/03	2013-09-16	Mid-Flood	Sunny	IS7	16:47:03	1.0	Surface	1	1	29.38	8.11	21.07	125	8.5	11.8	11	
HKLR	HY/2011/03	2013-09-16	Mid-Flood	Sunny	IS7	16:47:18	1.0	Surface	1	2	29.38	8.11	21.07	125.3	8.52	11.7	11.2	
HKLR	HY/2011/03	2013-09-16	Mid-Flood	Sunny	IS7	16:47:09	2.1	Bottom	3	1	29.38	8.11	21.08	125.2	8.52	11.6	12.4	
HKLR	HY/2011/03	2013-09-16	Mid-Flood	Sunny	IS7	16:46:51	2.1	Bottom	3	2	29.38	8.11	21.1	124.6	8.47	11.7	11.6	
HKLR	HY/2011/03	2013-09-16	Mid-Flood	Sunny	IS8	17:13:47	1.0	Surface	1	1	28.91	7.97	22.02	98.1	6.69	6.8	4.9	
HKLR	HY/2011/03	2013-09-16	Mid-Flood	Sunny	IS8	17:14:16	1.0	Surface	1	2	28.9	7.97	22.04	98.5	6.72	6.9	4.4	
HKLR	HY/2011/03	2013-09-16	Mid-Flood	Sunny	IS8	17:14:01	2.7	Bottom	3	1	28.88	7.96	22.28	99.3	6.76	7.2	9.1	
HKLR	HY/2011/03	2013-09-16	Mid-Flood	Sunny	IS8	17:13:31	2.7	Bottom	3	2	28.81	7.96	22.42	97.9	6.68	7.1	7.9	
HKLR	HY/2011/03	2013-09-16	Mid-Flood	Sunny	IS(Mf)9	16:57:12	1.0	Surface	1	1	28.91	8.01	22.12	103.3	7.04	11.4	5.7	
HKLR	HY/2011/03	2013-09-16	Mid-Flood	Sunny	IS(Mf)9	16:56:57	1.0	Surface	1	2	28.9	8.01	22.14	103.3	7.04	11.6	6.8	
HKLR	HY/2011/03	2013-09-16	Mid-Flood	Sunny	IS(Mf)9	16:57:03	2.7	Bottom	3	1	28.89	8	22.28	104	7.08	11.4	7.2	
HKLR	HY/2011/03	2013-09-16	Mid-Flood	Sunny	IS(Mf)9	16:56:49	2.7	Bottom	3	2	28.88	8	22.31	104	7.08	11.4	6.9	
HKLR	HY/2011/03	2013-09-16	Mid-Flood	Sunny	IS10	17:34:43	1.0	Surface	1	1	28.6	8.17	22.28	91.6	6.22	4	4.5	
HKLR	HY/2011/03	2013-09-16	Mid-Flood	Sunny	IS10	17:34:24	1.0	Surface	1	2	28.69	8.17	22	90.1	6.12	4.2	5.4	
HKLR	HY/2011/03	2013-09-16	Mid-Flood	Sunny	IS10	17:34:15	5.5	Middle	2	1	28.43	8.15	22.96	88.8	6.08	4.3	5	
HKLR	HY/2011/03	2013-09-16	Mid-Flood	Sunny	IS10	17:34:39	5.5	Middle	2	2	28.52	8.16	22.52	89.2	6.11	4.3	4.3	
HKLR	HY/2011/03	2013-09-16	Mid-Flood	Sunny	IS10	17:34:32	10.0	Bottom	3	1	28.57	8.16	23.79	89.1	6.1	4.6	6	
HKLR	HY/2011/03	2013-09-16	Mid-Flood	Sunny	IS10	17:34:02	10.0	Bottom	3	2	28.41	8.15	24.18	85.9	5.88	4.6	6.5	
HKLR	HY/2011/03	2013-09-16	Mid-Flood	Sunny	SR3	16:19:49	0.7	Middle	2	1	29.48	8.12	20.62	125.7	8.56	12.2	18.6	
HKLR	HY/2011/03	2013-09-16	Mid-Flood	Sunny	SR3	16:19:58	0.7	Middle	2	2	29.47	8.12	20.63	127.2	8.66	12	17.4	
HKLR	HY/2011/03	2013-09-16	Mid-Flood	Sunny	SR4	17:07:26	1.0	Surface	1	1	28.91	7.97	22.35	94.5	6.43	7.8	8.9	
HKLR	HY/2011/03	2013-09-16	Mid-Flood	Sunny	SR4	17:06:56	1.0	Surface	1	2	28.96	7.99	22.3	95.5	6.49	7.3	9.5	
HKLR	HY/2011/03	2013-09-16	Mid-Flood	Sunny	SR4	17:06:45	2.6	Bottom	3	1	28.96	8	22.32	95.9	6.53	7.5	10.2	
HKLR	HY/2011/03	2013-09-16	Mid-Flood	Sunny	SR4	17:07:14	2.6	Bottom	3	2	28.93	7.98	22.33	95	6.47	7.6	10	
HKLR	HY/2011/03	2013-09-16	Mid-Flood	Sunny	SR5	17:28:05	1.0	Surface	1	1	28.62	8.17	22.08	88.3	6.05	4.1	5.8	
HKLR	HY/2011/03	2013-09-16	Mid-Flood	Sunny	SR5	17:28:24	1.0	Surface	1	2	28.55	8.16	22.16	88	5.99	4.3	5.7	
HKLR	HY/2011/03	2013-09-16	Mid-Flood	Sunny	SR5	17:27:55	4.0	Bottom	3	1	28.46	8.15	23.74	88.3	6.01	4.7	5.6	
HKLR	HY/2011/03	2013-09-16	Mid-Flood	Sunny	SR5	17:28:16	4.0	Bottom	3	2	28.43	8.15	23.63	87.1	5.97	4.7	5.9	
HKLR	HY/2011/03	2013-09-16	Mid-Flood	Sunny	SR10A	18:17:17	1.0	Surface	1	1	27.97	7.94	26.14	76.5	5.18	4.5	7.3	
HKLR	HY/2011/03	2013-09-16	Mid-Flood	Sunny	SR10A	18:16:54	1.0	Surface	1	2	27.96	7.94	26.16	76.8	5.2	4.5	6.4	
HKLR	HY/2011/03	2013-09-16	Mid-Flood	Sunny	SR10A	18:17:09	3.3	Middle	2	1	27.93	7.94	26.35	76.4	5.17	4.4	5.6	
HKLR	HY/2011/03	2013-09-16	Mid-Flood	Sunny	SR10A	18:16:47	3.3	Middle	2	2	27.95	7.94	26.32	76.7	5.19	4.4	5.5	
HKLR	HY/2011/03	2013-09-16	Mid-Flood	Sunny	SR10A	18:17:02	5.5	Bottom	3	1	27.94	7.94	26.49	76.6	5.18	4.4	6.3	
HKLR	HY/2011/03	2013-09-16	Mid-Flood	Sunny	SR10A	18:16:38	5.5	Bottom	3	2	27.95	7.94	26.47	76.8	5.19	4.5	7.5	
HKLR	HY/2011/03	2013-09-16	Mid-Flood	Sunny	SR10B	18:27:43	1.0	Surface	1	1	27.94	7.94	26.23	75.8	5.13	4.6	4.4	
HKLR	HY/2011/03	2013-09-16	Mid-Flood	Sunny	SR10B	18:27:59	1.0	Surface	1	2	27.93	7.94	26.26	75.6	5.12	4.7	5.1	
HKLR	HY/2011/03	2013-09-16	Mid-Flood	Sunny	SR10B	18:27:36	4.2	Bottom	3	1	27.94	7.93	26.48	75.9	5.13	4.7	6.2	
HKLR	HY/2011/03	2013-09-16	Mid-Flood	Sunny	SR10B	18:27:52	4.2	Bottom	3	2	27.92	7.93	26.59	75.8	5.12	4.8	6.2	
HKLR	HY/2011/03	2013-09-16	Mid-Flood	Sunny	CS2	16:18:16	1.0	Surface	1	1	29.17	8.27	21.36	104.1	7.06	6.3	10	
HKLR	HY/2011/03	2013-09-16	Mid-Flood	Sunny	CS2	16:17:53	1.0	Surface	1	2	29.18	8.3	21.34	104.1	7.09	6	9.2	
HKLR	HY/2011/03	2013-09-16	Mid-Flood	Sunny	CS2	16:17:29	4.1	Middle	2	1	28.95	8.33	21.57	95.2	6.49	6.2	10.4	
HKLR	HY/2011/03	2013-09-16	Mid-Flood	Sunny	CS2	16:18:09	4.1	Middle	2	2	29.03	8.27	21.51	103.4	7.05	6.3	10.1	
HKLR	HY/2011/03	2013-09-16	Mid-Flood	Sunny	CS2	16:17:16	7.1	Bottom	3	1	28.67	8.41	22.91	92.9	6.35	6.4	9.2	
HKLR	HY/2011/03	2013-09-16	Mid-Flood	Sunny	CS2	16:18:02	7.1	Bottom	3	2	29.07	8.28	22.5	101.3	6.91	6.6	9.1	
HKLR	HY/2011/03	2013-09-16	Mid-Flood	Sunny	CS(Mf)5	17:44:47	1.0	Surface	1	1	28.44	7.97	23.41	83.9	5.72	6.1	5.5	
HKLR	HY/2011/03	2013-09-16	Mid-Flood	Sunny	CS(Mf)5	17:45:30	1.0	Surface	1	2	28.41	7.96	23.37	81.6	5.57	6.2	6.8	
HKLR	HY/2011/03	2013-09-16	Mid-Flood	Sunny	CS(Mf)5	17:45:14	6.4	Middle	2	1	27.79	7.91	27.04	79.7	5.37	10.4	5.6	
HKLR	HY/2011/03	2013-09-16	Mid-Flood	Sunny	CS(Mf)5	17:44:28	6.4	Middle	2	2	27.77	7.91	27.06	74.9	5.05	10.5	7.2	
HKLR	HY/2011/03	2013-09-16	Mid-Flood	Sunny	CS(Mf)5	17:44:59	11.7	Bottom	3	1	27.88	7.91	27.21	72.7	4.92	10.7	7.9	
HKLR	HY/2011/03	2013-09-16	Mid-Flood	Sunny	CS(Mf)5	17:44:19	11.7	Bottom	3	2	27.76	7.91	27.34	72.1	4.88	10.3	7.2	
HKLR	HY/2011/03	2013-09-18	Mid-Ebb	Sunny	IS5	13:00:02	1.0	Surface	1	1	28.29	8.01	24.91	96.2	6.52	9.2	7.2	
HKLR	HY/2011/03	2013-09-18	Mid-Ebb	Sunny	IS5	13:00:40	1.0	Surface	1	2	28.23	8.02	25.07	94.3	6.39	10.1	7	
HKLR	HY/2011/03	2013-09-18	Mid-Ebb	Sunny	IS5	12:59:44	4.9	Middle	2	1	28.07	8.01	26.06	92	6.22	12.8	7	
HKLR	HY/2011/03	2013-09-18	Mid-Ebb	Sunny	IS5	13:00:29	4.9	Middle	2	2	28.05	8.01	26.18	92.2	6.23	12.9	7.1	
HKLR	HY/2011/03	2013-09-18	Mid-Ebb	Sunny	IS5	12:59:28	8.7	Bottom	3	1	28.07	8.01	26.36	93.5	6.31	11.6	11.1	
HKLR	HY/2011/03	2013-09-18	Mid-Ebb	Sunny	IS5	13:00:14	8.7	Bottom	3	2	28.09	8.01	26.44	94.5	6.38	11.9	10.6	
HKLR	HY/2011/03	2013-09-18	Mid-Ebb	Sunny	IS(Mf)6	12:50:13	1.0	Surface	1	1	28.32	7.99	23.99	100	6.81	14.9	11.6	
HKLR	HY/2011/03	2013-09-18	Mid-Ebb	Sunny	IS(Mf)6	12:50:39	1.0	Surface	1	2	28.37	7.99	23.9	100.7	6.86	13.9	11.7	

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	Site Observation
HKLR	HY/2011/03	2013-09-18	Mid-Ebb	Sunny	IS(Mf)6	12:50:31	2.2	Bottom	3	1	28.36	7.99	23.9	100	6.81	14.6	15.3	
HKLR	HY/2011/03	2013-09-18	Mid-Ebb	Sunny	IS(Mf)6	12:50:06	2.2	Bottom	3	2	28.34	7.99	24.01	100.7	6.86	15.7	15.1	
HKLR	HY/2011/03	2013-09-18	Mid-Ebb	Sunny	IS7	12:43:38	1.0	Surface	1	1	28.3	7.94	24.24	90.3	6.14	15.5	11	
HKLR	HY/2011/03	2013-09-18	Mid-Ebb	Sunny	IS7	12:43:53	1.0	Surface	1	2	28.33	7.95	24.16	93.6	6.37	14.8	11.1	
HKLR	HY/2011/03	2013-09-18	Mid-Ebb	Sunny	IS7	12:43:45	2.2	Bottom	3	1	28.32	7.95	24.2	92	6.26	17	12.3	
HKLR	HY/2011/03	2013-09-18	Mid-Ebb	Sunny	IS7	12:43:30	2.2	Bottom	3	2	28.26	7.93	24.53	90	6.12	16.9	11.8	
HKLR	HY/2011/03	2013-09-18	Mid-Ebb	Sunny	IS8	12:20:09	1.0	Surface	1	1	28.24	8	24.15	97.2	6.63	8.7	8.4	
HKLR	HY/2011/03	2013-09-18	Mid-Ebb	Sunny	IS8	12:20:29	1.0	Surface	1	2	28.23	8	24.15	97.3	6.63	8.6	8.7	
HKLR	HY/2011/03	2013-09-18	Mid-Ebb	Sunny	IS8	12:20:20	2.5	Bottom	3	1	28.22	8	24.16	97.4	6.64	9	9.1	
HKLR	HY/2011/03	2013-09-18	Mid-Ebb	Sunny	IS8	12:19:58	2.5	Bottom	3	2	28.21	8	24.17	97.1	6.62	9.9	8.7	
HKLR	HY/2011/03	2013-09-18	Mid-Ebb	Sunny	IS(Mf)9	12:36:56	1.0	Surface	1	1	28.12	7.94	24.14	91.6	6.26	15.5	16.3	
HKLR	HY/2011/03	2013-09-18	Mid-Ebb	Sunny	IS(Mf)9	12:37:33	1.0	Surface	1	2	28.12	7.94	24.15	90.8	6.2	15.6	15.5	
HKLR	HY/2011/03	2013-09-18	Mid-Ebb	Sunny	IS(Mf)9	12:36:40	2.5	Bottom	3	1	28.1	7.94	24.29	90.6	6.18	15.8	16.6	
HKLR	HY/2011/03	2013-09-18	Mid-Ebb	Sunny	IS(Mf)9	12:37:23	2.5	Bottom	3	2	28.11	7.94	24.34	91	6.21	14.7	16.3	
HKLR	HY/2011/03	2013-09-18	Mid-Ebb	Sunny	IS10	11:53:20	1.0	Surface	1	1	28.38	8.15	24.13	93.1	6.33	6.6	3.3	
HKLR	HY/2011/03	2013-09-18	Mid-Ebb	Sunny	IS10	11:53:56	1.0	Surface	1	2	28.4	8.15	24.03	93.3	6.34	6.5	3.6	
HKLR	HY/2011/03	2013-09-18	Mid-Ebb	Sunny	IS10	11:53:12	5.3	Middle	2	1	28.32	8.15	24.69	91.9	6.23	6.5	4	
HKLR	HY/2011/03	2013-09-18	Mid-Ebb	Sunny	IS10	11:53:44	5.3	Middle	2	2	28.31	8.15	24.66	91.7	6.23	6.6	3.5	
HKLR	HY/2011/03	2013-09-18	Mid-Ebb	Sunny	IS10	11:52:59	9.6	Bottom	3	1	28.25	8.14	26.08	91.2	6.15	6.8	3.7	
HKLR	HY/2011/03	2013-09-18	Mid-Ebb	Sunny	IS10	11:53:36	9.6	Bottom	3	2	28.29	8.14	25.63	92.3	6.24	6.5	3.3	
HKLR	HY/2011/03	2013-09-18	Mid-Ebb	Sunny	SR3	13:07:38	0.8	Middle	2	1	28.27	8.01	24.98	98.2	6.66	8.6	5.1	
HKLR	HY/2011/03	2013-09-18	Mid-Ebb	Sunny	SR3	13:07:43	0.8	Middle	2	2	28.25	8.01	25.04	98.2	6.66	8.4	5.3	
HKLR	HY/2011/03	2013-09-18	Mid-Ebb	Sunny	SR4	12:27:21	1.0	Surface	1	1	28.13	7.93	23.63	93	6.37	7.5	7.8	
HKLR	HY/2011/03	2013-09-18	Mid-Ebb	Sunny	SR4	12:27:01	1.0	Surface	1	2	28.14	7.94	23.63	93.5	6.4	8	8.4	
HKLR	HY/2011/03	2013-09-18	Mid-Ebb	Sunny	SR4	12:26:53	2.4	Bottom	3	1	28.15	7.94	23.69	93.8	6.42	8	7.1	
HKLR	HY/2011/03	2013-09-18	Mid-Ebb	Sunny	SR4	12:27:09	2.4	Bottom	3	2	28.15	7.94	23.74	93.3	6.38	7.8	8	
HKLR	HY/2011/03	2013-09-18	Mid-Ebb	Sunny	SR5	11:59:59	1.0	Surface	1	1	28.4	8.13	24.05	94.1	6.4	4.3	6.4	
HKLR	HY/2011/03	2013-09-18	Mid-Ebb	Sunny	SR5	12:00:28	1.0	Surface	1	2	28.4	8.14	24.06	94	6.39	4.3	5.4	
HKLR	HY/2011/03	2013-09-18	Mid-Ebb	Sunny	SR5	12:00:12	3.5	Bottom	3	1	28.39	8.13	24.22	93.9	6.38	4.4	3.4	
HKLR	HY/2011/03	2013-09-18	Mid-Ebb	Sunny	SR5	11:59:51	3.5	Bottom	3	2	28.4	8.13	24.18	93.8	6.38	4.4	3.5	
HKLR	HY/2011/03	2013-09-18	Mid-Ebb	Sunny	SR10A	11:03:46	1.0	Surface	1	1	27.74	7.92	27.42	78	5.26	4.7	5.3	
HKLR	HY/2011/03	2013-09-18	Mid-Ebb	Sunny	SR10A	11:03:10	1.0	Surface	1	2	27.72	7.92	27.46	77.8	5.25	4.4	5.5	
HKLR	HY/2011/03	2013-09-18	Mid-Ebb	Sunny	SR10A	11:03:34	3.5	Middle	2	1	27.72	7.92	27.45	77.4	5.23	4.8	6.4	
HKLR	HY/2011/03	2013-09-18	Mid-Ebb	Sunny	SR10A	11:02:49	3.5	Middle	2	2	27.69	7.92	27.52	77.4	5.22	4.7	5	
HKLR	HY/2011/03	2013-09-18	Mid-Ebb	Sunny	SR10A	11:02:33	5.9	Bottom	3	1	27.7	7.92	27.52	78.4	5.29	4.5	5.7	
HKLR	HY/2011/03	2013-09-18	Mid-Ebb	Sunny	SR10A	11:03:22	5.9	Bottom	3	2	27.7	7.92	27.51	77.3	5.22	4.6	5.6	
HKLR	HY/2011/03	2013-09-18	Mid-Ebb	Sunny	SR10B	10:54:41	1.0	Surface	1	1	27.69	7.91	27.62	76.7	5.17	6.4	6.8	
HKLR	HY/2011/03	2013-09-18	Mid-Ebb	Sunny	SR10B	10:54:14	1.0	Surface	1	2	27.69	7.91	27.58	77	5.2	6.2	6.6	
HKLR	HY/2011/03	2013-09-18	Mid-Ebb	Sunny	SR10B	10:54:03	4.7	Bottom	3	1	27.69	7.91	27.57	76.9	5.19	6.3	7.9	
HKLR	HY/2011/03	2013-09-18	Mid-Ebb	Sunny	SR10B	10:54:31	4.7	Bottom	3	2	27.69	7.91	27.61	76.5	5.16	6.2	7	
HKLR	HY/2011/03	2013-09-18	Mid-Ebb	Sunny	CS2	13:26:39	1.0	Surface	1	1	28.61	8.15	23.37	91.9	6.25	6.3	6.5	
HKLR	HY/2011/03	2013-09-18	Mid-Ebb	Sunny	CS2	13:27:06	1.0	Surface	1	2	28.65	8.15	23.32	92.2	6.27	6.4	5.7	
HKLR	HY/2011/03	2013-09-18	Mid-Ebb	Sunny	CS2	13:26:58	4.1	Middle	2	1	28.38	8.16	24.54	91.3	6.2	6.5	5.8	
HKLR	HY/2011/03	2013-09-18	Mid-Ebb	Sunny	CS2	13:26:32	4.1	Middle	2	2	28.37	8.16	24.52	91.2	6.19	6.4	5.7	
HKLR	HY/2011/03	2013-09-18	Mid-Ebb	Sunny	CS2	13:26:21	7.2	Bottom	3	1	28.31	8.13	26.53	91.2	6.12	6.8	5.9	
HKLR	HY/2011/03	2013-09-18	Mid-Ebb	Sunny	CS2	13:26:49	7.2	Bottom	3	2	28.43	8.13	26.24	91.6	6.15	6.8	6.9	
HKLR	HY/2011/03	2013-09-18	Mid-Ebb	Sunny	CS(Mf)5	11:41:26	1.0	Surface	1	1	28.26	7.97	24.21	87.7	5.97	7.2	7.6	
HKLR	HY/2011/03	2013-09-18	Mid-Ebb	Sunny	CS(Mf)5	11:40:47	1.0	Surface	1	2	28.32	7.97	24.14	90.3	6.15	7.3	6.8	
HKLR	HY/2011/03	2013-09-18	Mid-Ebb	Sunny	CS(Mf)5	11:41:13	6.9	Middle	2	1	27.82	7.94	25.62	83.5	5.68	7.7	6.5	
HKLR	HY/2011/03	2013-09-18	Mid-Ebb	Sunny	CS(Mf)5	11:40:28	6.9	Middle	2	2	27.82	7.94	25.61	82.2	5.6	7.4	7.8	
HKLR	HY/2011/03	2013-09-18	Mid-Ebb	Sunny	CS(Mf)5	11:41:02	12.7	Bottom	3	1	27.84	7.94	26.15	86.1	5.84	7.9	7.3	
HKLR	HY/2011/03	2013-09-18	Mid-Ebb	Sunny	CS(Mf)5	11:40:12	12.7	Bottom	3	2	27.8	7.94	25.96	82.4	5.6	8.4	8.2	
HKLR	HY/2011/03	2013-09-18	Mid-Flood	Sunny	IS5	17:20:45	1.0	Surface	1	1	28.19	7.99	24.72	97.5	6.63	11.4	7.1	
HKLR	HY/2011/03	2013-09-18	Mid-Flood	Sunny	IS5	17:20:04	1.0	Surface	1	2	28.19	7.99	24.72	97.7	6.65	11.6	7.5	
HKLR	HY/2011/03	2013-09-18	Mid-Flood	Sunny	IS5	17:19:39	5.0	Middle	2	1	28.18	7.98	24.88	95.6	6.5	13.7	8	
HKLR	HY/2011/03	2013-09-18	Mid-Flood	Sunny	IS5	17:20:28	5.0	Middle	2	2	28.18	7.98	24.83	96.5	6.56	13.1	8.2	
HKLR	HY/2011/03	2013-09-18	Mid-Flood	Sunny	IS5	17:19:30	8.9	Bottom	3	1	28.17	7.98	24.97	96.3	6.54	14	7.6	
HKLR	HY/2011/03	2013-09-18	Mid-Flood	Sunny	IS5	17:20:18	8.9	Bottom	3	2	28.18	7.98	24.84	97	6.59	12.8	9	
HKLR	HY/2011/03	2013-09-18	Mid-Flood	Sunny	IS(Mf)6	17:27:42	1.0	Surface	1	1	28.19	7.97	24.6	96.5	6.57	14.8	16.4	
HKLR	HY/2011/03	2013-09-18	Mid-Flood	Sunny	IS(Mf)6	17:28:06	1.0	Surface	1	2	28.19	7.96	24.59	96.2	6.55	14.1	15.8	
HKLR	HY/2011/03	2013-09-18	Mid-Flood	Sunny	IS(Mf)6	17:27:49	2.4	Bottom	3	1	28.2	7.96	24.62	96.3	6.55	17.9	15	
HKLR	HY/2011/03	2013-09-18	Mid-Flood	Sunny	IS(Mf)6	17:27:33	2.4	Bottom	3	2	28.19	7.97	24.6	96.7	6.58	17.2	14.2	
HKLR	HY/2011/03	2013-09-18	Mid-Flood	Sunny	IS7	17:33:42	1.0	Surface	1	1	28.16	7.93	24.76	92.9	6.32	18.1	21.3	
HKLR	HY/2011/03	2013-09-18	Mid-Flood	Sunny	IS7	17:34:05	1.0	Surface	1	2	28.16	7.94	24.74	93.2	6.34	17.7	20.5	

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	Site Observation
HKLR	HY/2011/03	2013-09-18	Mid-Flood	Sunny	IS7	17:33:29	2.4	Bottom	3	1	28.15	7.93	24.78	93.1	6.33	19.5	20.6	
HKLR	HY/2011/03	2013-09-18	Mid-Flood	Sunny	IS7	17:33:49	2.4	Bottom	3	2	28.16	7.93	24.75	93	6.32	19	20.7	
HKLR	HY/2011/03	2013-09-18	Mid-Flood	Sunny	IS8	17:58:20	1.0	Surface	1	1	28.17	7.99	24.5	95.7	6.51	13.1	11.5	
HKLR	HY/2011/03	2013-09-18	Mid-Flood	Sunny	IS8	17:58:02	1.0	Surface	1	2	28.18	7.99	24.5	96.1	6.55	13.2	12.2	
HKLR	HY/2011/03	2013-09-18	Mid-Flood	Sunny	IS8	17:58:11	2.5	Bottom	3	1	28.17	7.99	24.56	95.8	6.52	13.6	10.4	
HKLR	HY/2011/03	2013-09-18	Mid-Flood	Sunny	IS8	17:57:50	2.5	Bottom	3	2	28.17	7.99	24.54	95.9	6.53	12.9	10.2	
HKLR	HY/2011/03	2013-09-18	Mid-Flood	Sunny	IS(Mf)9	17:41:23	1.0	Surface	1	1	28.13	7.97	24.47	96.4	6.57	15.8	14.8	
HKLR	HY/2011/03	2013-09-18	Mid-Flood	Sunny	IS(Mf)9	17:41:08	1.0	Surface	1	2	28.13	7.97	24.47	96.5	6.57	16.1	15.6	
HKLR	HY/2011/03	2013-09-18	Mid-Flood	Sunny	IS(Mf)9	17:40:59	2.4	Bottom	3	1	28.14	7.96	24.5	96.4	6.57	17.1	15.8	
HKLR	HY/2011/03	2013-09-18	Mid-Flood	Sunny	IS(Mf)9	17:41:16	2.4	Bottom	3	2	28.14	7.97	24.49	96.3	6.57	16.9	16.5	
HKLR	HY/2011/03	2013-09-18	Mid-Flood	Sunny	IS10	18:54:38	1.0	Surface	1	1	28.29	8.14	23.2	89.7	6.14	10.2	5.3	
HKLR	HY/2011/03	2013-09-18	Mid-Flood	Sunny	IS10	18:54:02	1.0	Surface	1	2	28.3	8.14	23.35	89.8	6.14	10.4	6.3	
HKLR	HY/2011/03	2013-09-18	Mid-Flood	Sunny	IS10	18:53:51	5.3	Middle	2	1	28.3	8.14	24.06	89.3	6.08	10.6	6.6	
HKLR	HY/2011/03	2013-09-18	Mid-Flood	Sunny	IS10	18:54:28	5.3	Middle	2	2	28.31	8.15	24.04	89.2	6.08	10.4	7.7	
HKLR	HY/2011/03	2013-09-18	Mid-Flood	Sunny	IS10	18:53:42	9.5	Bottom	3	1	28.31	8.13	25.11	89.6	6.07	10.5	7.5	
HKLR	HY/2011/03	2013-09-18	Mid-Flood	Sunny	IS10	18:54:17	9.5	Bottom	3	2	28.32	8.13	25.06	89.2	6.04	10.6	6.9	
HKLR	HY/2011/03	2013-09-18	Mid-Flood	Sunny	SR3	17:06:52	0.8	Middle	2	1	28.19	7.99	24.73	99.6	6.77	10.1	9.7	
HKLR	HY/2011/03	2013-09-18	Mid-Flood	Sunny	SR3	17:07:04	0.8	Middle	2	2	28.19	7.99	24.74	99.2	6.75	10.8	10.1	
HKLR	HY/2011/03	2013-09-18	Mid-Flood	Sunny	SR4	17:52:28	1.0	Surface	1	1	28.09	7.99	24.48	89.5	6.11	18.1	23	
HKLR	HY/2011/03	2013-09-18	Mid-Flood	Sunny	SR4	17:52:07	1.0	Surface	1	2	28.1	8	24.52	89.6	6.11	18.2	22.6	
HKLR	HY/2011/03	2013-09-18	Mid-Flood	Sunny	SR4	17:52:18	2.4	Bottom	3	1	28.11	8	24.52	89.5	6.1	20.7	24.9	
HKLR	HY/2011/03	2013-09-18	Mid-Flood	Sunny	SR4	17:51:58	2.4	Bottom	3	2	28.12	8.01	24.56	89.6	6.11	19.5	24.6	
HKLR	HY/2011/03	2013-09-18	Mid-Flood	Sunny	SR5	18:43:08	1.0	Surface	1	1	28.33	8.13	23.4	90.7	6.2	6.4	7.2	
HKLR	HY/2011/03	2013-09-18	Mid-Flood	Sunny	SR5	18:42:44	1.0	Surface	1	2	28.34	8.13	23.41	90.9	6.21	6.4	6	
HKLR	HY/2011/03	2013-09-18	Mid-Flood	Sunny	SR5	18:42:36	3.7	Bottom	3	1	28.35	8.13	23.56	91.2	6.22	6.5	5.3	
HKLR	HY/2011/03	2013-09-18	Mid-Flood	Sunny	SR5	18:42:53	3.7	Bottom	3	2	28.35	8.13	23.67	90.6	6.18	6.5	4.2	
HKLR	HY/2011/03	2013-09-18	Mid-Flood	Sunny	SR10A	19:15:36	1.0	Surface	1	1	27.8	7.9	27.11	78.1	5.28	8.1	4.9	
HKLR	HY/2011/03	2013-09-18	Mid-Flood	Sunny	SR10A	19:14:46	1.0	Surface	1	2	27.83	7.9	26.81	78.4	5.3	7.7	4.8	
HKLR	HY/2011/03	2013-09-18	Mid-Flood	Sunny	SR10A	19:14:36	3.4	Middle	2	1	27.77	7.9	27.29	77.7	5.24	9.2	5.8	
HKLR	HY/2011/03	2013-09-18	Mid-Flood	Sunny	SR10A	19:15:17	3.4	Middle	2	2	27.75	7.89	27.43	77.3	5.21	9.5	6.1	
HKLR	HY/2011/03	2013-09-18	Mid-Flood	Sunny	SR10A	19:14:17	5.7	Bottom	3	1	27.75	7.9	27.48	77.8	5.25	9.9	8.9	
HKLR	HY/2011/03	2013-09-18	Mid-Flood	Sunny	SR10A	19:15:06	5.7	Bottom	3	2	27.74	7.89	27.51	77.7	5.24	9.8	9.2	
HKLR	HY/2011/03	2013-09-18	Mid-Flood	Sunny	SR10B	19:25:24	1.0	Surface	1	1	27.76	7.89	27.29	77	5.2	9.5	8.3	
HKLR	HY/2011/03	2013-09-18	Mid-Flood	Sunny	SR10B	19:25:57	1.0	Surface	1	2	27.77	7.89	27.24	77.4	5.22	9.8	8.1	
HKLR	HY/2011/03	2013-09-18	Mid-Flood	Sunny	SR10B	19:25:36	4.7	Bottom	3	1	27.72	7.89	27.67	76.7	5.17	12.2	5.9	
HKLR	HY/2011/03	2013-09-18	Mid-Flood	Sunny	SR10B	19:25:10	4.7	Bottom	3	2	27.71	7.89	27.72	76.6	5.16	12.7	5.7	
HKLR	HY/2011/03	2013-09-18	Mid-Flood	Sunny	CS2	17:06:55	1.0	Surface	1	1	28.26	8.13	22.59	87.2	5.99	8.6	7.4	
HKLR	HY/2011/03	2013-09-18	Mid-Flood	Sunny	CS2	17:06:21	1.0	Surface	1	2	28.27	8.18	22.64	88	6.04	8.5	5.8	
HKLR	HY/2011/03	2013-09-18	Mid-Flood	Sunny	CS2	17:06:42	4.0	Middle	2	1	28.36	8.15	23.07	87.2	5.97	8.5	5.1	
HKLR	HY/2011/03	2013-09-18	Mid-Flood	Sunny	CS2	17:06:11	4.0	Middle	2	2	28.33	8.2	22.93	88.4	6.06	8.5	5	
HKLR	HY/2011/03	2013-09-18	Mid-Flood	Sunny	CS2	17:05:55	7.0	Bottom	3	1	28.41	8.26	23.43	90.5	6.18	8.2	5	
HKLR	HY/2011/03	2013-09-18	Mid-Flood	Sunny	CS2	17:06:34	7.0	Bottom	3	2	28.38	8.15	23.36	87.5	5.98	8.4	5.7	
HKLR	HY/2011/03	2013-09-18	Mid-Flood	Sunny	CS(Mf)5	18:41:12	1.0	Surface	1	1	28.09	7.93	25.35	83.8	5.69	7.1	7	
HKLR	HY/2011/03	2013-09-18	Mid-Flood	Sunny	CS(Mf)5	18:40:21	1.0	Surface	1	2	28.1	7.92	25.51	81.1	5.5	7.3	7.2	
HKLR	HY/2011/03	2013-09-18	Mid-Flood	Sunny	CS(Mf)5	18:40:06	6.7	Middle	2	1	27.93	7.9	26.21	78.9	5.35	9.6	6.6	
HKLR	HY/2011/03	2013-09-18	Mid-Flood	Sunny	CS(Mf)5	18:40:52	6.7	Middle	2	2	27.93	7.9	26.2	78.3	5.3	9.2	6.6	
HKLR	HY/2011/03	2013-09-18	Mid-Flood	Sunny	CS(Mf)5	18:40:41	12.4	Bottom	3	1	27.88	7.9	26.4	78.7	5.33	9.3	6.7	
HKLR	HY/2011/03	2013-09-18	Mid-Flood	Sunny	CS(Mf)5	18:39:54	12.4	Bottom	3	2	27.89	7.9	26.38	80.1	5.42	8.8	7.4	
HKLR	HY/2011/03	2013-09-20	Mid-Ebb	Sunny	IS5	14:32:38	1.0	Surface	1	1	28.67	7.89	25.21	87.8	5.91	9.9	8	
HKLR	HY/2011/03	2013-09-20	Mid-Ebb	Sunny	IS5	14:33:20	1.0	Surface	1	2	28.81	7.89	25.14	89.5	6.01	9.6	8.2	
HKLR	HY/2011/03	2013-09-20	Mid-Ebb	Sunny	IS5	14:33:02	4.6	Middle	2	1	28.18	7.9	25.76	85.5	5.78	13.4	9.2	
HKLR	HY/2011/03	2013-09-20	Mid-Ebb	Sunny	IS5	14:32:26	4.6	Middle	2	2	28.2	7.89	25.69	85.5	5.78	14.3	7.7	
HKLR	HY/2011/03	2013-09-20	Mid-Ebb	Sunny	IS5	14:32:15	8.2	Bottom	3	1	28.25	7.89	25.72	87.2	5.89	13.2	9.8	
HKLR	HY/2011/03	2013-09-20	Mid-Ebb	Sunny	IS5	14:32:52	8.2	Bottom	3	2	28.24	7.89	25.74	86.9	5.87	13.2	8.4	
HKLR	HY/2011/03	2013-09-20	Mid-Ebb	Sunny	IS(Mf)6	14:24:34	1.0	Surface	1	1	28.46	7.86	24.8	88.8	6.01	14.9	8.1	
HKLR	HY/2011/03	2013-09-20	Mid-Ebb	Sunny	IS(Mf)6	14:24:15	1.0	Surface	1	2	28.39	7.84	24.86	86.5	5.86	15.3	8	
HKLR	HY/2011/03	2013-09-20	Mid-Ebb	Sunny	IS(Mf)6	14:24:25	2.1	Bottom	3	1	28.38	7.85	24.92	87.7	5.94	16.6	7.7	
HKLR	HY/2011/03	2013-09-20	Mid-Ebb	Sunny	IS(Mf)6	14:24:07	2.1	Bottom	3	2	28.31	7.83	24.98	85.9	5.82	16.1	7.5	
HKLR	HY/2011/03	2013-09-20	Mid-Ebb	Sunny	IS7	14:16:39	1.0	Surface	1	1	28.58	7.84	25.14	85	5.73	9.4	7.5	
HKLR	HY/2011/03	2013-09-20	Mid-Ebb	Sunny	IS7	14:16:58	1.0	Surface	1	2	28.59	7.85	25.14	85.2	5.74	9.4	6.9	
HKLR	HY/2011/03	2013-09-20	Mid-Ebb	Sunny	IS7	14:16:30	2.3	Bottom	3	1	28.27	7.82	25.57	84.3	5.7	10.9	7.1	
HKLR	HY/2011/03	2013-09-20	Mid-Ebb	Sunny	IS7	14:16:48	2.3	Bottom	3	2	28.33	7.84	25.53	84.6	5.72	10.5	8.4	
HKLR	HY/2011/03	2013-09-20	Mid-Ebb	Sunny	IS8	13:49:38	1.0	Surface	1	1	28.52	7.86	24.7	91	6.15	9.6	5	
HKLR	HY/2011/03	2013-09-20	Mid-Ebb	Sunny	IS8	13:49:09	1.0	Surface	1	2	28.48	7.85	24.72	91.7	6.2	9.4	4.8	

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	Site Observation
HKLR	HY/2011/03	2013-09-20	Mid-Ebb	Sunny	IS8	13:49:26	2.7	Bottom	3	1	28.36	7.85	24.8	90.6	6.14	10.8	4	
HKLR	HY/2011/03	2013-09-20	Mid-Ebb	Sunny	IS8	13:49:00	2.7	Bottom	3	2	28.42	7.84	24.76	92.1	6.23	10.2	5	
HKLR	HY/2011/03	2013-09-20	Mid-Ebb	Sunny	IS(Mf)9	14:10:31	1.0	Surface	1	1	28.52	7.84	24.78	85.5	5.78	13.9	13.6	
HKLR	HY/2011/03	2013-09-20	Mid-Ebb	Sunny	IS(Mf)9	14:10:09	1.0	Surface	1	2	28.55	7.84	24.78	85.6	5.79	14.1	14.2	
HKLR	HY/2011/03	2013-09-20	Mid-Ebb	Sunny	IS(Mf)9	14:10:23	2.4	Bottom	3	1	28.51	7.84	24.78	85.6	5.79	16.4	14	
HKLR	HY/2011/03	2013-09-20	Mid-Ebb	Sunny	IS(Mf)9	14:09:57	2.4	Bottom	3	2	28.42	7.83	24.79	84.7	5.74	16.2	15.5	
HKLR	HY/2011/03	2013-09-20	Mid-Ebb	Sunny	IS10	13:31:50	1.0	Surface	1	1	29.15	8.01	21.95	83.3	5.66	7.8	3.1	
HKLR	HY/2011/03	2013-09-20	Mid-Ebb	Sunny	IS10	13:32:29	1.0	Surface	1	2	29.11	8.01	22.08	83.2	5.65	7.5	2.5	
HKLR	HY/2011/03	2013-09-20	Mid-Ebb	Sunny	IS10	13:31:38	5.2	Middle	2	1	28.99	8.02	22.58	82.8	5.62	7.8	3	
HKLR	HY/2011/03	2013-09-20	Mid-Ebb	Sunny	IS10	13:32:19	5.2	Middle	2	2	29.04	8.01	22.45	82.8	5.62	7.8	3.1	
HKLR	HY/2011/03	2013-09-20	Mid-Ebb	Sunny	IS10	13:32:08	9.3	Bottom	3	1	28.97	8.01	23	82.6	5.6	7.8	3	
HKLR	HY/2011/03	2013-09-20	Mid-Ebb	Sunny	IS10	13:31:27	9.3	Bottom	3	2	28.93	8.01	23.03	82.7	5.61	7.8	2.7	
HKLR	HY/2011/03	2013-09-20	Mid-Ebb	Sunny	SR3	14:41:07	0.8	Middle	2	1	28.82	7.9	25.12	91.6	6.15	8.2	8.1	
HKLR	HY/2011/03	2013-09-20	Mid-Ebb	Sunny	SR3	14:41:16	0.8	Middle	2	2	28.81	7.9	25.13	91.6	6.15	8.7	7.7	
HKLR	HY/2011/03	2013-09-20	Mid-Ebb	Sunny	SR4	13:59:41	1.0	Surface	1	1	28.7	7.88	24.63	93.1	6.28	8	4.5	
HKLR	HY/2011/03	2013-09-20	Mid-Ebb	Sunny	SR4	13:59:22	1.0	Surface	1	2	28.6	7.88	24.67	91.9	6.21	8.6	5.8	
HKLR	HY/2011/03	2013-09-20	Mid-Ebb	Sunny	SR4	13:59:30	2.5	Bottom	3	1	28.54	7.88	24.71	92.2	6.23	10.7	4.6	
HKLR	HY/2011/03	2013-09-20	Mid-Ebb	Sunny	SR4	13:59:13	2.5	Bottom	3	2	28.39	7.87	24.79	91	6.17	10	4.8	
HKLR	HY/2011/03	2013-09-20	Mid-Ebb	Sunny	SR5	13:41:35	1.0	Surface	1	1	29.17	7.99	22.01	83.5	5.67	4.6	2.4	
HKLR	HY/2011/03	2013-09-20	Mid-Ebb	Sunny	SR5	13:41:01	1.0	Surface	1	2	29.15	7.99	22.05	83.4	5.66	4.7	3.5	
HKLR	HY/2011/03	2013-09-20	Mid-Ebb	Sunny	SR5	13:40:52	3.5	Bottom	3	1	29.16	7.99	22.14	83.3	5.65	4.8	2.8	
HKLR	HY/2011/03	2013-09-20	Mid-Ebb	Sunny	SR5	13:41:17	3.5	Bottom	3	2	29.16	7.99	22.2	83.4	5.66	4.9	3	
HKLR	HY/2011/03	2013-09-20	Mid-Ebb	Sunny	SR10A	12:22:44	1.0	Surface	1	1	28.23	7.88	26.73	85.3	5.73	4.9	4.4	
HKLR	HY/2011/03	2013-09-20	Mid-Ebb	Sunny	SR10A	12:20:45	1.0	Surface	1	2	28.23	7.88	26.81	82.3	5.53	5	4.8	
HKLR	HY/2011/03	2013-09-20	Mid-Ebb	Sunny	SR10A	12:20:34	3.3	Middle	2	1	28.14	7.88	27.11	81.6	5.48	5.2	4.6	
HKLR	HY/2011/03	2013-09-20	Mid-Ebb	Sunny	SR10A	12:22:29	3.3	Middle	2	2	28.25	7.88	26.62	86.9	5.84	4.9	4.4	
HKLR	HY/2011/03	2013-09-20	Mid-Ebb	Sunny	SR10A	12:20:06	5.6	Bottom	3	1	28.1	7.88	27.15	82.1	5.52	5.1	6.2	
HKLR	HY/2011/03	2013-09-20	Mid-Ebb	Sunny	SR10A	12:21:02	5.6	Bottom	3	2	28.16	7.88	27.03	82.1	5.51	5	7.5	
HKLR	HY/2011/03	2013-09-20	Mid-Ebb	Sunny	SR10B	12:11:34	1.0	Surface	1	1	28.07	7.9	27.24	81.1	5.45	6.9	7.8	
HKLR	HY/2011/03	2013-09-20	Mid-Ebb	Sunny	SR10B	12:11:10	1.0	Surface	1	2	28.06	7.89	27.24	81	5.44	7.2	8.3	
HKLR	HY/2011/03	2013-09-20	Mid-Ebb	Sunny	SR10B	12:11:20	4.3	Bottom	3	1	28.08	7.89	27.19	81	5.44	7	8.3	
HKLR	HY/2011/03	2013-09-20	Mid-Ebb	Sunny	SR10B	12:10:56	4.3	Bottom	3	2	28.07	7.89	27.22	80.9	5.43	7.1	7.6	
HKLR	HY/2011/03	2013-09-20	Mid-Ebb	Sunny	CS2	15:00:33	1.0	Surface	1	1	28.95	8.03	22.22	83.1	5.66	6.4	2.9	
HKLR	HY/2011/03	2013-09-20	Mid-Ebb	Sunny	CS2	15:01:17	1.0	Surface	1	2	28.96	8.03	22.4	82.8	5.63	6.1	2.4	
HKLR	HY/2011/03	2013-09-20	Mid-Ebb	Sunny	CS2	15:00:22	4.0	Middle	2	1	28.64	8.04	23.66	82.9	5.63	7.7	2.9	
HKLR	HY/2011/03	2013-09-20	Mid-Ebb	Sunny	CS2	15:01:03	4.0	Middle	2	2	28.68	8.04	23.42	82.9	5.63	7.9	3.8	
HKLR	HY/2011/03	2013-09-20	Mid-Ebb	Sunny	CS2	15:00:45	6.9	Bottom	3	1	28.63	8.03	24.14	82.5	5.59	8.4	3.6	
HKLR	HY/2011/03	2013-09-20	Mid-Ebb	Sunny	CS2	15:00:12	6.9	Bottom	3	2	28.62	8.03	23.97	82.5	5.6	8.2	3.4	
HKLR	HY/2011/03	2013-09-20	Mid-Ebb	Sunny	CS(Mf)5	13:07:26	1.0	Surface	1	1	28.31	7.86	25.13	82.3	5.57	9.9	6.7	
HKLR	HY/2011/03	2013-09-20	Mid-Ebb	Sunny	CS(Mf)5	13:06:38	1.0	Surface	1	2	28.42	7.86	24.93	82.7	5.6	9.7	7.4	
HKLR	HY/2011/03	2013-09-20	Mid-Ebb	Sunny	CS(Mf)5	13:06:16	6.7	Middle	2	1	28.11	7.85	25.48	80.9	5.49	14.2	8.4	
HKLR	HY/2011/03	2013-09-20	Mid-Ebb	Sunny	CS(Mf)5	13:07:05	6.7	Middle	2	2	28.12	7.86	25.44	81	5.49	13.9	8.6	
HKLR	HY/2011/03	2013-09-20	Mid-Ebb	Sunny	CS(Mf)5	13:06:54	12.3	Bottom	3	1	28.13	7.86	25.47	81.5	5.52	16	7.9	
HKLR	HY/2011/03	2013-09-20	Mid-Ebb	Sunny	CS(Mf)5	13:06:01	12.3	Bottom	3	2	28.13	7.85	25.48	81.5	5.52	15.7	7.4	
HKLR	HY/2011/03	2013-09-20	Mid-Flood	Fine	IS5	18:15:05	1.0	Surface	1	1	28.83	7.89	24.84	87.5	5.88	12.7	11.8	
HKLR	HY/2011/03	2013-09-20	Mid-Flood	Fine	IS5	18:15:42	1.0	Surface	1	2	28.8	7.89	24.9	87.5	5.88	13	11.1	
HKLR	HY/2011/03	2013-09-20	Mid-Flood	Fine	IS5	18:15:32	4.6	Middle	2	1	28.78	7.9	24.96	87.3	5.87	12.6	12.8	
HKLR	HY/2011/03	2013-09-20	Mid-Flood	Fine	IS5	18:14:53	4.6	Middle	2	2	28.78	7.89	24.98	87.3	5.87	13	11.8	
HKLR	HY/2011/03	2013-09-20	Mid-Flood	Fine	IS5	18:15:19	8.1	Bottom	3	1	28.75	7.89	25.07	87.1	5.86	12.9	12.4	
HKLR	HY/2011/03	2013-09-20	Mid-Flood	Fine	IS5	18:14:43	8.1	Bottom	3	2	28.76	7.89	25.06	87.3	5.87	12.7	13.2	
HKLR	HY/2011/03	2013-09-20	Mid-Flood	Fine	IS(Mf)6	18:22:15	1.0	Surface	1	1	28.7	7.88	24.85	83.7	5.64	17	12.7	
HKLR	HY/2011/03	2013-09-20	Mid-Flood	Fine	IS(Mf)6	18:21:57	1.0	Surface	1	2	28.77	7.88	24.71	84.9	5.72	16.5	13.2	
HKLR	HY/2011/03	2013-09-20	Mid-Flood	Fine	IS(Mf)6	18:22:08	2.2	Bottom	3	1	28.57	7.88	25.39	83.7	5.64	17.9	13	
HKLR	HY/2011/03	2013-09-20	Mid-Flood	Fine	IS(Mf)6	18:21:42	2.2	Bottom	3	2	28.61	7.87	25.46	84.5	5.68	17.3	12.7	
HKLR	HY/2011/03	2013-09-20	Mid-Flood	Fine	IS7	18:28:52	1.0	Surface	1	1	28.81	7.88	24.22	84.5	5.7	17	15.2	
HKLR	HY/2011/03	2013-09-20	Mid-Flood	Fine	IS7	18:29:12	1.0	Surface	1	2	28.83	7.88	24.34	84.8	5.72	16.5	15.4	
HKLR	HY/2011/03	2013-09-20	Mid-Flood	Fine	IS7	18:29:00	2.4	Bottom	3	1	28.58	7.87	25.24	83.8	5.65	18.8	15.2	
HKLR	HY/2011/03	2013-09-20	Mid-Flood	Fine	IS7	18:28:42	2.4	Bottom	3	2	28.57	7.87	25.26	84.3	5.68	19.1	15.7	
HKLR	HY/2011/03	2013-09-20	Mid-Flood	Fine	IS8	18:53:55	1.0	Surface	1	1	28.82	7.92	25.24	95	6.37	14.4	9.4	
HKLR	HY/2011/03	2013-09-20	Mid-Flood	Fine	IS8	18:53:39	1.0	Surface	1	2	28.81	7.92	25.26	94.6	6.35	13.7	8.8	
HKLR	HY/2011/03	2013-09-20	Mid-Flood	Fine	IS8	18:53:50	2.6	Bottom	3	1	28.82	7.92	25.25	94.7	6.36	14.9	8.3	
HKLR	HY/2011/03	2013-09-20	Mid-Flood	Fine	IS8	18:53:28	2.6	Bottom	3	2	28.8	7.91	25.28	94.7	6.35	15.5	8.7	
HKLR	HY/2011/03	2013-09-20	Mid-Flood	Fine	IS(Mf)9	18:37:00	1.0	Surface	1	1	28.64	7.91	25.04	88	5.93	18.8	12.9	
HKLR	HY/2011/03	2013-09-20	Mid-Flood	Fine	IS(Mf)9	18:36:31	1.0	Surface	1	2	28.64	7.91	25.04	88.4	5.96	18.1	13	

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	Site Observation
HKLR	HY/2011/03	2013-09-20	Mid-Flood	Fine	IS(Mf)9	18:36:47	2.6	Bottom	3	1	28.53	7.91	25.15	87.4	5.9	19.2	14.1	
HKLR	HY/2011/03	2013-09-20	Mid-Flood	Fine	IS(Mf)9	18:36:22	2.6	Bottom	3	2	28.59	7.91	25.1	88.4	5.96	19.1	14.5	
HKLR	HY/2011/03	2013-09-20	Mid-Flood	Fine	IS10	19:38:58	1.0	Surface	1	1	28.97	8.07	22.02	82.1	5.6	10.6	4.9	
HKLR	HY/2011/03	2013-09-20	Mid-Flood	Fine	IS10	19:38:17	1.0	Surface	1	2	28.94	8.07	22.38	82.4	5.6	10.8	5.2	
HKLR	HY/2011/03	2013-09-20	Mid-Flood	Fine	IS10	19:38:48	5.3	Middle	2	1	28.84	8.07	23.71	81.4	5.51	11.1	4.4	
HKLR	HY/2011/03	2013-09-20	Mid-Flood	Fine	IS10	19:38:06	5.3	Middle	2	2	28.9	8.07	23.56	82	5.55	11.2	4.5	
HKLR	HY/2011/03	2013-09-20	Mid-Flood	Fine	IS10	19:38:39	9.5	Bottom	3	1	28.69	8.06	24.09	80.9	5.48	12.7	5.5	
HKLR	HY/2011/03	2013-09-20	Mid-Flood	Fine	IS10	19:37:55	9.5	Bottom	3	2	28.84	8.05	23.94	81.6	5.52	12.8	6	
HKLR	HY/2011/03	2013-09-20	Mid-Flood	Fine	SR3	18:02:06	0.9	Middle	2	1	28.85	7.77	24.85	88.5	5.95	12.7	12	
HKLR	HY/2011/03	2013-09-20	Mid-Flood	Fine	SR3	18:02:16	0.9	Middle	2	2	28.87	7.81	24.79	88	5.92	12.9	11.9	
HKLR	HY/2011/03	2013-09-20	Mid-Flood	Fine	SR4	18:45:58	1.0	Surface	1	1	28.9	7.96	25.06	95	6.37	12.6	6.2	
HKLR	HY/2011/03	2013-09-20	Mid-Flood	Fine	SR4	18:45:40	1.0	Surface	1	2	28.88	7.96	25.12	95.3	6.39	11.9	6.7	
HKLR	HY/2011/03	2013-09-20	Mid-Flood	Fine	SR4	18:45:50	2.6	Bottom	3	1	28.85	7.96	25.13	95	6.37	13.5	6.2	
HKLR	HY/2011/03	2013-09-20	Mid-Flood	Fine	SR4	18:45:32	2.6	Bottom	3	2	28.86	7.96	25.14	95.3	6.39	12.6	6.8	
HKLR	HY/2011/03	2013-09-20	Mid-Flood	Fine	SR5	19:28:47	1.0	Surface	1	1	28.95	8.05	22.39	82	5.58	11.4	6	
HKLR	HY/2011/03	2013-09-20	Mid-Flood	Fine	SR5	19:29:07	1.0	Surface	1	2	28.95	8.05	22.39	81.9	5.57	11.2	6.7	
HKLR	HY/2011/03	2013-09-20	Mid-Flood	Fine	SR5	19:28:57	3.7	Bottom	3	1	28.93	8.04	22.88	81.8	5.55	11.7	5	
HKLR	HY/2011/03	2013-09-20	Mid-Flood	Fine	SR5	19:28:38	3.7	Bottom	3	2	28.93	8.04	23.06	82.1	5.56	11.7	5.7	
HKLR	HY/2011/03	2013-09-20	Mid-Flood	Fine	SR10A	20:09:27	1.0	Surface	1	1	28.06	7.91	27.73	78.9	5.29	12.1	5.5	
HKLR	HY/2011/03	2013-09-20	Mid-Flood	Fine	SR10A	20:08:49	1.0	Surface	1	2	28.09	7.9	27.52	79.1	5.31	12.2	6.6	
HKLR	HY/2011/03	2013-09-20	Mid-Flood	Fine	SR10A	20:09:13	3.5	Middle	2	1	28.04	7.9	28.01	78.8	5.28	12.8	7.7	
HKLR	HY/2011/03	2013-09-20	Mid-Flood	Fine	SR10A	20:08:35	3.5	Middle	2	2	28.07	7.9	27.73	78.9	5.29	13.5	8.5	
HKLR	HY/2011/03	2013-09-20	Mid-Flood	Fine	SR10A	20:08:24	5.9	Bottom	3	1	28.08	7.89	27.68	79.1	5.3	15.2	8.3	
HKLR	HY/2011/03	2013-09-20	Mid-Flood	Fine	SR10A	20:09:02	5.9	Bottom	3	2	28.05	7.9	27.94	78.8	5.28	15.1	8.9	
HKLR	HY/2011/03	2013-09-20	Mid-Flood	Fine	SR10B	20:18:18	1.0	Surface	1	1	28.09	7.9	27.43	79	5.3	11.8	6.2	
HKLR	HY/2011/03	2013-09-20	Mid-Flood	Fine	SR10B	20:18:39	1.0	Surface	1	2	28.09	7.9	27.44	78.9	5.29	12.1	6.1	
HKLR	HY/2011/03	2013-09-20	Mid-Flood	Fine	SR10B	20:17:53	4.5	Bottom	3	1	28.08	7.9	27.56	78.8	5.28	12.9	6.2	
HKLR	HY/2011/03	2013-09-20	Mid-Flood	Fine	SR10B	20:18:29	4.5	Bottom	3	2	28.08	7.9	27.59	78.8	5.28	12.4	6.2	
HKLR	HY/2011/03	2013-09-20	Mid-Flood	Fine	CS2	18:00:53	1.0	Surface	1	1	29.06	8.08	21.54	82.8	5.65	8.2	4.3	
HKLR	HY/2011/03	2013-09-20	Mid-Flood	Fine	CS2	18:01:20	1.0	Surface	1	2	29.06	8.07	21.46	81.5	5.56	8.2	4.7	
HKLR	HY/2011/03	2013-09-20	Mid-Flood	Fine	CS2	18:00:46	3.9	Middle	2	1	29.07	8.09	22.11	83.3	5.66	8.6	4.5	
HKLR	HY/2011/03	2013-09-20	Mid-Flood	Fine	CS2	18:01:12	3.9	Middle	2	2	29.08	8.07	21.87	81.5	5.55	8.8	4.6	
HKLR	HY/2011/03	2013-09-20	Mid-Flood	Fine	CS2	18:01:03	6.8	Bottom	3	1	29.08	8.06	22.41	82	5.57	8.7	5.1	
HKLR	HY/2011/03	2013-09-20	Mid-Flood	Fine	CS2	18:00:33	6.8	Bottom	3	2	29.12	8.1	22.46	86	5.83	8.8	5.1	
HKLR	HY/2011/03	2013-09-20	Mid-Flood	Fine	CS(Mf)5	19:31:11	1.0	Surface	1	1	28.29	7.9	25.72	79.3	5.36	10.5	5.7	
HKLR	HY/2011/03	2013-09-20	Mid-Flood	Fine	CS(Mf)5	19:31:58	1.0	Surface	1	2	28.2	7.9	26.3	79	5.32	10.8	4.9	
HKLR	HY/2011/03	2013-09-20	Mid-Flood	Fine	CS(Mf)5	19:31:00	6.8	Middle	2	1	28.02	7.9	26.98	78.2	5.27	14	6.4	
HKLR	HY/2011/03	2013-09-20	Mid-Flood	Fine	CS(Mf)5	19:31:38	6.8	Middle	2	2	27.99	7.9	27.07	77.7	5.23	13.7	6.2	
HKLR	HY/2011/03	2013-09-20	Mid-Flood	Fine	CS(Mf)5	19:30:50	12.5	Bottom	3	1	28.07	7.89	26.99	79.4	5.34	14.6	6.9	
HKLR	HY/2011/03	2013-09-20	Mid-Flood	Fine	CS(Mf)5	19:31:27	12.5	Bottom	3	2	28.03	7.89	27.03	78.6	5.29	15	7.9	
HKLR	HY/2011/03	2013-09-25	Mid-Ebb	Sunny	IS5	14:55:36	1.0	Surface	1	1	28.42	7.77	22.1	89.8	6.17	10.1	8.8	
HKLR	HY/2011/03	2013-09-25	Mid-Ebb	Sunny	IS5	14:56:37	1.0	Surface	1	2	28.41	7.77	22.11	89.9	6.18	9.9	8.7	
HKLR	HY/2011/03	2013-09-25	Mid-Ebb	Sunny	IS5	14:55:14	4.6	Middle	2	1	28.33	7.76	22.18	88.7	6.12	11.4	7.9	
HKLR	HY/2011/03	2013-09-25	Mid-Ebb	Sunny	IS5	14:56:16	4.6	Middle	2	2	28.35	7.76	22.17	88.5	6.09	11.6	8.2	
HKLR	HY/2011/03	2013-09-25	Mid-Ebb	Sunny	IS5	14:55:58	8.2	Bottom	3	1	28.12	7.76	22.37	87.9	6.05	12.9	8.8	
HKLR	HY/2011/03	2013-09-25	Mid-Ebb	Sunny	IS5	14:54:56	8.2	Bottom	3	2	28.14	7.75	22.37	88	6.06	13.4	8.4	
HKLR	HY/2011/03	2013-09-25	Mid-Ebb	Sunny	IS(Mf)6	15:07:24	1.0	Surface	1	1	28.89	7.83	20.08	95.8	6.61	5.3	5.2	
HKLR	HY/2011/03	2013-09-25	Mid-Ebb	Sunny	IS(Mf)6	15:08:10	1.0	Surface	1	2	28.89	7.83	20.08	95.8	6.61	5.3	6.9	
HKLR	HY/2011/03	2013-09-25	Mid-Ebb	Sunny	IS(Mf)6	15:07:01	2.2	Bottom	3	1	28.88	7.82	20.12	95.8	6.6	5.6	5.7	
HKLR	HY/2011/03	2013-09-25	Mid-Ebb	Sunny	IS(Mf)6	15:07:46	2.2	Bottom	3	2	28.89	7.83	20.11	95.7	6.6	5.7	5.6	
HKLR	HY/2011/03	2013-09-25	Mid-Ebb	Sunny	IS7	15:17:18	1.0	Surface	1	1	28.87	7.84	20.28	95.6	6.59	6.6	4.1	
HKLR	HY/2011/03	2013-09-25	Mid-Ebb	Sunny	IS7	15:16:45	1.0	Surface	1	2	28.88	7.84	20.3	95.8	6.6	6.7	5.1	
HKLR	HY/2011/03	2013-09-25	Mid-Ebb	Sunny	IS7	15:16:27	2.3	Bottom	3	1	28.87	7.84	20.37	95.8	6.6	7.2	7.7	
HKLR	HY/2011/03	2013-09-25	Mid-Ebb	Sunny	IS7	15:17:01	2.3	Bottom	3	2	28.85	7.84	20.34	95.7	6.59	7.3	6.4	
HKLR	HY/2011/03	2013-09-25	Mid-Ebb	Sunny	IS8	15:43:09	1.0	Surface	1	1	28.62	7.82	20.75	91.3	6.3	8.6	9.5	
HKLR	HY/2011/03	2013-09-25	Mid-Ebb	Sunny	IS8	15:43:55	1.0	Surface	1	2	28.64	7.82	20.73	91.5	6.31	8.7	8.8	
HKLR	HY/2011/03	2013-09-25	Mid-Ebb	Sunny	IS8	15:43:31	2.6	Bottom	3	1	28.41	7.82	20.76	91.3	6.3	9.1	11	
HKLR	HY/2011/03	2013-09-25	Mid-Ebb	Sunny	IS8	15:42:50	2.6	Bottom	3	2	28.46	7.82	20.77	91.3	6.3	9.2	9.7	
HKLR	HY/2011/03	2013-09-25	Mid-Ebb	Sunny	IS(Mf)9	15:25:49	1.0	Surface	1	1	28.7	7.81	20.67	93.4	6.44	9.3	8.6	
HKLR	HY/2011/03	2013-09-25	Mid-Ebb	Sunny	IS(Mf)9	15:25:11	1.0	Surface	1	2	28.7	7.81	20.67	93.4	6.44	9	8.1	
HKLR	HY/2011/03	2013-09-25	Mid-Ebb	Sunny	IS(Mf)9	15:25:31	2.4	Bottom	3	1	28.65	7.81	20.69	93.3	6.44	9.7	8	
HKLR	HY/2011/03	2013-09-25	Mid-Ebb	Sunny	IS(Mf)9	15:24:53	2.4	Bottom	3	2	28.64	7.8	20.69	93.3	6.44	9.3	8.1	
HKLR	HY/2011/03	2013-09-25	Mid-Ebb	Sunny	IS10	16:20:50	1.0	Surface	1	1	28.42	8.05	19.75	84.5	5.88	8.5	5.8	
HKLR	HY/2011/03	2013-09-25	Mid-Ebb	Sunny	IS10	16:20:00	1.0	Surface	1	2	28.39	8.05	19.81	84.1	5.86	8.5	6.3	

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	Site Observation
HKLR	HY/2011/03	2013-09-25	Mid-Ebb	Sunny	IS10	16:19:49	5.3	Middle	2	1	28.11	8.02	22.79	81.8	5.63	8.4	5.4	
HKLR	HY/2011/03	2013-09-25	Mid-Ebb	Sunny	IS10	16:20:37	5.3	Middle	2	2	28.12	8.01	23.1	83.5	5.73	8.5	5.9	
HKLR	HY/2011/03	2013-09-25	Mid-Ebb	Sunny	IS10	16:19:32	9.6	Bottom	3	1	28.13	8	23.4	82.2	5.64	8.9	7	
HKLR	HY/2011/03	2013-09-25	Mid-Ebb	Sunny	IS10	16:20:27	9.6	Bottom	3	2	28.12	8	23.34	81.8	5.62	8.6	7.3	
HKLR	HY/2011/03	2013-09-25	Mid-Ebb	Sunny	SR3	14:36:08	0.7	Middle	2	1	28.56	7.78	22.15	94.6	6.49	9.3	9.8	
HKLR	HY/2011/03	2013-09-25	Mid-Ebb	Sunny	SR3	14:36:32	0.7	Middle	2	2	28.56	7.78	22.14	94.5	6.48	9.4	10.4	
HKLR	HY/2011/03	2013-09-25	Mid-Ebb	Sunny	SR4	15:36:59	1.0	Surface	1	1	29.06	7.8	19.96	90.1	6.22	8.8	7	
HKLR	HY/2011/03	2013-09-25	Mid-Ebb	Sunny	SR4	15:36:23	1.0	Surface	1	2	29.06	7.81	19.96	90.3	6.23	9.1	6.2	
HKLR	HY/2011/03	2013-09-25	Mid-Ebb	Sunny	SR4	15:36:41	2.5	Bottom	3	1	28.48	7.8	20.69	89.2	6.16	9.8	6.9	
HKLR	HY/2011/03	2013-09-25	Mid-Ebb	Sunny	SR4	15:36:04	2.5	Bottom	3	2	28.46	7.8	20.67	89.2	6.16	9.7	6.2	
HKLR	HY/2011/03	2013-09-25	Mid-Ebb	Sunny	SR5	16:07:52	1.0	Surface	1	1	28.32	8.03	20.74	86.2	5.98	6.7	6.2	
HKLR	HY/2011/03	2013-09-25	Mid-Ebb	Sunny	SR5	16:07:31	1.0	Surface	1	2	28.29	8.03	20.92	86.7	6.01	6.5	5.4	
HKLR	HY/2011/03	2013-09-25	Mid-Ebb	Sunny	SR5	16:07:21	3.5	Bottom	3	1	28.24	8.02	22.1	87	6	6.7	6.9	
HKLR	HY/2011/03	2013-09-25	Mid-Ebb	Sunny	SR5	16:07:41	3.5	Bottom	3	2	28.17	8.01	22.35	86.1	5.93	6.9	5.4	
HKLR	HY/2011/03	2013-09-25	Mid-Ebb	Sunny	SR10A	16:49:16	1.0	Surface	1	1	28.4	7.86	25.35	85.3	5.76	4.7	4	
HKLR	HY/2011/03	2013-09-25	Mid-Ebb	Sunny	SR10A	16:50:19	1.0	Surface	1	2	28.41	7.87	25.37	85.5	5.78	4.6	3.6	
HKLR	HY/2011/03	2013-09-25	Mid-Ebb	Sunny	SR10A	16:48:50	3.4	Middle	2	1	28.36	7.86	25.65	84.5	5.7	5.3	3.4	
HKLR	HY/2011/03	2013-09-25	Mid-Ebb	Sunny	SR10A	16:49:58	3.4	Middle	2	2	28.34	7.87	25.65	84.3	5.69	5.4	3.3	
HKLR	HY/2011/03	2013-09-25	Mid-Ebb	Sunny	SR10A	16:48:33	5.8	Bottom	3	1	28.27	7.86	25.91	84.1	5.67	5.1	4.7	
HKLR	HY/2011/03	2013-09-25	Mid-Ebb	Sunny	SR10A	16:49:40	5.8	Bottom	3	2	28.26	7.86	25.89	84	5.67	4.9	4.2	
HKLR	HY/2011/03	2013-09-25	Mid-Ebb	Sunny	SR10B	16:58:09	1.0	Surface	1	1	28.26	7.87	26.14	83.5	5.63	6.1	5.6	
HKLR	HY/2011/03	2013-09-25	Mid-Ebb	Sunny	SR10B	16:58:42	1.0	Surface	1	2	28.27	7.87	26.14	83.6	5.63	6.3	6.6	
HKLR	HY/2011/03	2013-09-25	Mid-Ebb	Sunny	SR10B	16:58:27	4.5	Bottom	3	1	28.27	7.87	26.16	83.9	5.65	7.3	6.4	
HKLR	HY/2011/03	2013-09-25	Mid-Ebb	Sunny	SR10B	16:57:48	4.5	Bottom	3	2	28.26	7.87	26.16	83.7	5.64	6.9	5.7	
HKLR	HY/2011/03	2013-09-25	Mid-Ebb	Sunny	CS2	14:47:25	1.0	Surface	1	1	28.71	8.12	19.18	86.5	6.02	5.4	5.8	
HKLR	HY/2011/03	2013-09-25	Mid-Ebb	Sunny	CS2	14:48:09	1.0	Surface	1	2	28.73	8.09	19.15	87	6.05	5.7	5	
HKLR	HY/2011/03	2013-09-25	Mid-Ebb	Sunny	CS2	14:47:10	3.9	Middle	2	1	28.21	8.1	22.29	83	5.72	6.9	6.2	
HKLR	HY/2011/03	2013-09-25	Mid-Ebb	Sunny	CS2	14:47:55	3.9	Middle	2	2	28.21	8.07	22.18	83	5.72	6.7	4.8	
HKLR	HY/2011/03	2013-09-25	Mid-Ebb	Sunny	CS2	14:46:32	6.8	Bottom	3	1	28.22	8.15	22.63	83.6	5.75	7.3	6.1	
HKLR	HY/2011/03	2013-09-25	Mid-Ebb	Sunny	CS2	14:47:42	6.8	Bottom	3	2	28.24	8.06	22.54	84.2	5.79	7.2	4.8	
HKLR	HY/2011/03	2013-09-25	Mid-Ebb	Sunny	CS(Mf)5	16:17:59	1.0	Surface	1	1	28.56	7.88	23.19	88.9	6.06	4.1	2.9	
HKLR	HY/2011/03	2013-09-25	Mid-Ebb	Sunny	CS(Mf)5	16:19:06	1.0	Surface	1	2	28.58	7.89	23.24	89.3	6.09	4.2	3.1	
HKLR	HY/2011/03	2013-09-25	Mid-Ebb	Sunny	CS(Mf)5	16:17:32	6.6	Middle	2	1	28.15	7.88	26.4	81.6	5.5	7.6	3.7	
HKLR	HY/2011/03	2013-09-25	Mid-Ebb	Sunny	CS(Mf)5	16:18:46	6.6	Middle	2	2	28.17	7.88	26.31	81.6	5.51	7.5	5	
HKLR	HY/2011/03	2013-09-25	Mid-Ebb	Sunny	CS(Mf)5	16:17:08	12.2	Bottom	3	1	28.06	7.86	27.11	80.7	5.43	11.5	4.4	
HKLR	HY/2011/03	2013-09-25	Mid-Ebb	Sunny	CS(Mf)5	16:18:21	12.2	Bottom	3	2	28.06	7.86	27.11	81.2	5.46	11.6	4.4	
HKLR	HY/2011/03	2013-09-25	Mid-Flood	Sunny	IS5	11:57:24	1.0	Surface	1	1	28.2	7.8	22.17	91.5	6.31	10.1	8.3	
HKLR	HY/2011/03	2013-09-25	Mid-Flood	Sunny	IS5	11:58:24	1.0	Surface	1	2	28.22	7.81	22.16	91.4	6.31	10.2	8.7	
HKLR	HY/2011/03	2013-09-25	Mid-Flood	Sunny	IS5	11:58:05	4.7	Middle	2	1	28.11	7.81	22.2	90.6	6.26	10.3	9.9	
HKLR	HY/2011/03	2013-09-25	Mid-Flood	Sunny	IS5	11:57:05	4.7	Middle	2	2	28.12	7.8	22.2	90.8	6.27	10.3	9.4	
HKLR	HY/2011/03	2013-09-25	Mid-Flood	Sunny	IS5	11:57:46	8.4	Bottom	3	1	28.05	7.8	22.24	90.5	6.25	10.8	10.7	
HKLR	HY/2011/03	2013-09-25	Mid-Flood	Sunny	IS5	11:56:40	8.4	Bottom	3	2	28.06	7.8	22.25	90.7	6.27	10.8	9.7	
HKLR	HY/2011/03	2013-09-25	Mid-Flood	Sunny	IS(Mf)6	11:47:48	1.0	Surface	1	1	28.46	7.77	20.45	93.3	6.47	10.2	6.3	
HKLR	HY/2011/03	2013-09-25	Mid-Flood	Sunny	IS(Mf)6	11:47:12	1.0	Surface	1	2	28.46	7.77	20.44	93.2	6.46	9.9	7.6	
HKLR	HY/2011/03	2013-09-25	Mid-Flood	Sunny	IS(Mf)6	11:46:56	2.4	Bottom	3	1	28.45	7.77	20.52	93.2	6.46	13.9	7.3	
HKLR	HY/2011/03	2013-09-25	Mid-Flood	Sunny	IS(Mf)6	11:47:31	2.4	Bottom	3	2	28.44	7.77	20.49	93.2	6.46	13.7	7.1	
HKLR	HY/2011/03	2013-09-25	Mid-Flood	Sunny	IS7	11:38:17	1.0	Surface	1	1	28.39	7.78	20.58	92.6	6.42	8.8	6.2	
HKLR	HY/2011/03	2013-09-25	Mid-Flood	Sunny	IS7	11:38:51	1.0	Surface	1	2	28.44	7.78	20.57	92.6	6.43	8.9	6	
HKLR	HY/2011/03	2013-09-25	Mid-Flood	Sunny	IS7	11:37:58	2.5	Bottom	3	1	28.29	7.77	21.13	92.3	6.39	9.9	6.7	
HKLR	HY/2011/03	2013-09-25	Mid-Flood	Sunny	IS7	11:38:34	2.5	Bottom	3	2	28.22	7.77	21.06	92.3	6.4	9.7	5.9	
HKLR	HY/2011/03	2013-09-25	Mid-Flood	Sunny	IS8	11:12:33	1.0	Surface	1	1	28.27	7.75	20.2	88.2	6.14	20.5	4.9	
HKLR	HY/2011/03	2013-09-25	Mid-Flood	Sunny	IS8	11:13:10	1.0	Surface	1	2	28.25	7.75	20.34	88.3	6.14	19.9	6.1	
HKLR	HY/2011/03	2013-09-25	Mid-Flood	Sunny	IS8	11:12:53	2.6	Bottom	3	1	28.16	7.74	21.11	88	6.1	19.7	6.6	
HKLR	HY/2011/03	2013-09-25	Mid-Flood	Sunny	IS8	11:12:15	2.6	Bottom	3	2	28.15	7.74	21.12	87.7	6.09	20.1	7.3	
HKLR	HY/2011/03	2013-09-25	Mid-Flood	Sunny	IS(Mf)9	11:29:48	1.0	Surface	1	1	28.23	7.77	20.67	89.7	6.24	8.9	5.8	
HKLR	HY/2011/03	2013-09-25	Mid-Flood	Sunny	IS(Mf)9	11:29:12	1.0	Surface	1	2	28.27	7.76	20.68	90.1	6.26	9.3	4.9	
HKLR	HY/2011/03	2013-09-25	Mid-Flood	Sunny	IS(Mf)9	11:29:31	2.4	Bottom	3	1	28.07	7.76	21.46	88.9	6.17	10.2	5.4	
HKLR	HY/2011/03	2013-09-25	Mid-Flood	Sunny	IS(Mf)9	11:28:55	2.4	Bottom	3	2	28.06	7.75	21.53	89.2	6.18	10.6	4.6	
HKLR	HY/2011/03	2013-09-25	Mid-Flood	Sunny	IS10	10:55:11	1.0	Surface	1	1	28.33	8	19.59	87.5	6.11	9.5	3	
HKLR	HY/2011/03	2013-09-25	Mid-Flood	Sunny	IS10	10:54:28	1.0	Surface	1	2	28.33	8	19.59	87.4	6.1	9.5	4.3	
HKLR	HY/2011/03	2013-09-25	Mid-Flood	Sunny	IS10	10:54:59	5.3	Middle	2	1	28.09	7.99	21.06	85.9	5.97	10.3	5.1	
HKLR	HY/2011/03	2013-09-25	Mid-Flood	Sunny	IS10	10:54:17	5.3	Middle	2	2	28.09	7.99	21.17	85.8	5.96	10.5	4	
HKLR	HY/2011/03	2013-09-25	Mid-Flood	Sunny	IS10	10:54:06	9.5	Bottom	3	1	28.13	7.97	22.71	86.1	5.93	11.4	3.2	
HKLR	HY/2011/03	2013-09-25	Mid-Flood	Sunny	IS10	10:54:46	9.5	Bottom	3	2	28.12	7.97	22.64	86	5.92	11.2	3.9	

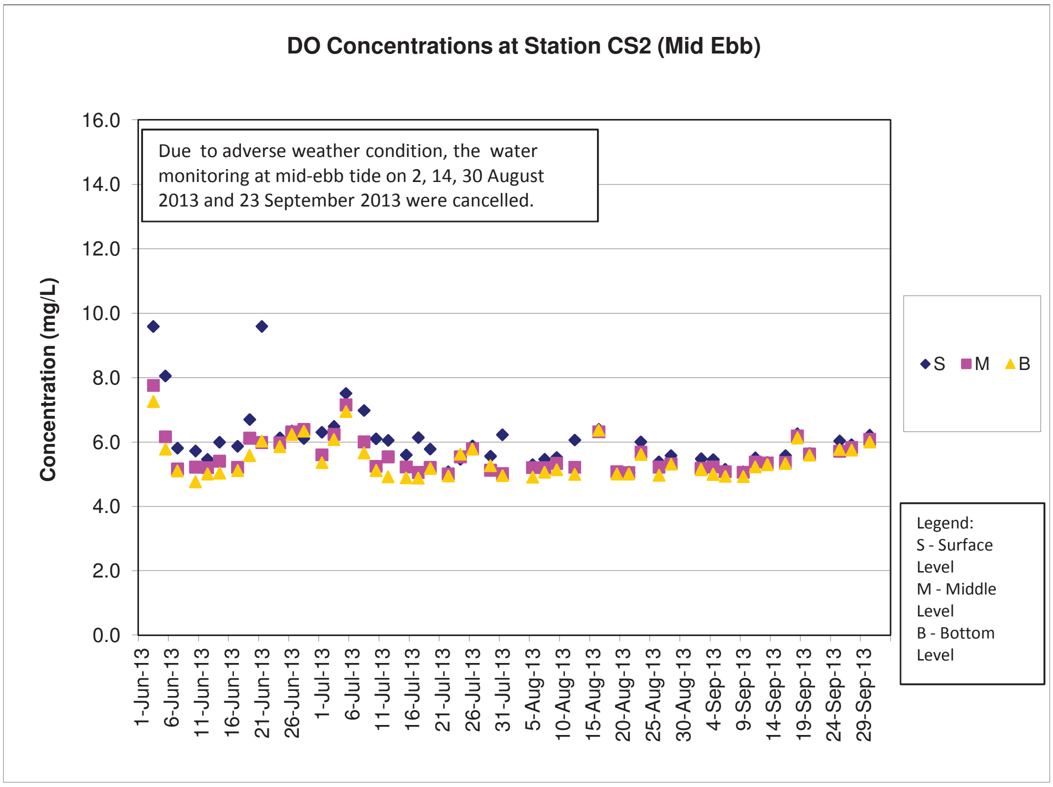
Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L	Site Observation
HKLR	HY/2011/03	2013-09-25	Mid-Flood	Sunny	SR3	12:10:31	0.6	Middle	2	1	28.23	7.8	22.18	93.9	6.47	9.4	10	
HKLR	HY/2011/03	2013-09-25	Mid-Flood	Sunny	SR3	12:10:08	0.6	Middle	2	2	28.23	7.8	22.18	94.3	6.5	9.5	9.5	
HKLR	HY/2011/03	2013-09-25	Mid-Flood	Sunny	SR4	11:20:42	1.0	Surface	1	1	28.28	7.73	20.01	89	6.2	8.3	4.2	
HKLR	HY/2011/03	2013-09-25	Mid-Flood	Sunny	SR4	11:20:05	1.0	Surface	1	2	28.29	7.73	20.01	88.7	6.19	8.2	3.3	
HKLR	HY/2011/03	2013-09-25	Mid-Flood	Sunny	SR4	11:20:24	2.4	Bottom	3	1	28.21	7.73	20.22	88.8	6.19	8.8	3.8	
HKLR	HY/2011/03	2013-09-25	Mid-Flood	Sunny	SR4	11:19:48	2.4	Bottom	3	2	28.21	7.72	20.23	88.4	6.16	8.7	3.5	
HKLR	HY/2011/03	2013-09-25	Mid-Flood	Sunny	SR5	11:04:28	1.0	Surface	1	1	28.27	7.98	19.76	88	6.14	11.4	6.1	
HKLR	HY/2011/03	2013-09-25	Mid-Flood	Sunny	SR5	11:04:46	1.0	Surface	1	2	28.31	7.98	19.71	88	6.14	11.4	5.3	
HKLR	HY/2011/03	2013-09-25	Mid-Flood	Sunny	SR5	11:04:20	3.6	Bottom	3	1	28.18	7.97	20.78	87.8	6.11	12.6	4.6	
HKLR	HY/2011/03	2013-09-25	Mid-Flood	Sunny	SR5	11:04:36	3.6	Bottom	3	2	28.2	7.97	20.81	87.7	6.1	12.7	5.1	
HKLR	HY/2011/03	2013-09-25	Mid-Flood	Sunny	SR10A	09:55:35	1.0	Surface	1	1	28.14	7.83	22.65	87.7	6.03	5.7	4.3	
HKLR	HY/2011/03	2013-09-25	Mid-Flood	Sunny	SR10A	09:54:36	1.0	Surface	1	2	28.14	7.82	22.65	88.3	6.07	5.7	5.5	
HKLR	HY/2011/03	2013-09-25	Mid-Flood	Sunny	SR10A	09:55:17	3.1	Middle	2	1	28.11	7.82	22.82	87	5.94	5.9	4.5	
HKLR	HY/2011/03	2013-09-25	Mid-Flood	Sunny	SR10A	09:54:14	3.1	Middle	2	2	28.11	7.81	22.83	87.2	5.95	5.8	4.9	
HKLR	HY/2011/03	2013-09-25	Mid-Flood	Sunny	SR10A	09:54:57	5.2	Bottom	3	1	28.12	7.81	24.18	86	5.86	5.9	4.5	
HKLR	HY/2011/03	2013-09-25	Mid-Flood	Sunny	SR10A	09:53:53	5.2	Bottom	3	2	28.11	7.81	24.16	85.6	5.84	5.9	4.2	
HKLR	HY/2011/03	2013-09-25	Mid-Flood	Sunny	SR10B	09:39:45	1.0	Surface	1	1	28.03	7.88	26.9	83.4	5.62	11.7	10.8	
HKLR	HY/2011/03	2013-09-25	Mid-Flood	Sunny	SR10B	09:40:34	1.0	Surface	1	2	28.02	7.89	26.94	83.2	5.6	11.6	11.2	
HKLR	HY/2011/03	2013-09-25	Mid-Flood	Sunny	SR10B	09:40:07	4.3	Bottom	3	1	28	7.89	27.01	83.1	5.6	11.9	10	
HKLR	HY/2011/03	2013-09-25	Mid-Flood	Sunny	SR10B	09:39:26	4.3	Bottom	3	2	28.01	7.88	26.98	83.4	5.61	12.1	10.8	
HKLR	HY/2011/03	2013-09-25	Mid-Flood	Sunny	CS2	12:32:52	1.0	Surface	1	1	28.42	7.99	18.96	86.9	6.08	9.9	2.5	
HKLR	HY/2011/03	2013-09-25	Mid-Flood	Sunny	CS2	12:33:22	1.0	Surface	1	2	28.44	7.99	18.93	86.9	6.08	9.6	4	
HKLR	HY/2011/03	2013-09-25	Mid-Flood	Sunny	CS2	12:33:12	3.9	Middle	2	1	28.15	7.98	21.08	86.6	5.97	10.2	2.9	
HKLR	HY/2011/03	2013-09-25	Mid-Flood	Sunny	CS2	12:32:41	3.9	Middle	2	2	28.14	7.98	21.51	86.2	5.96	10.1	3.3	
HKLR	HY/2011/03	2013-09-25	Mid-Flood	Sunny	CS2	12:32:33	6.8	Bottom	3	1	28.14	7.96	21.95	85.2	5.91	10.3	4.2	
HKLR	HY/2011/03	2013-09-25	Mid-Flood	Sunny	CS2	12:33:03	6.8	Bottom	3	2	28.21	7.96	21.97	85.5	5.94	10.7	4.4	
HKLR	HY/2011/03	2013-09-25	Mid-Flood	Sunny	CS(Mf)5	10:26:45	1.0	Surface	1	1	28.23	7.82	21.96	86.9	6	6.3	2.6	
HKLR	HY/2011/03	2013-09-25	Mid-Flood	Sunny	CS(Mf)5	10:27:42	1.0	Surface	1	2	28.24	7.83	21.94	86.6	5.97	6.6	2.8	
HKLR	HY/2011/03	2013-09-25	Mid-Flood	Sunny	CS(Mf)5	10:26:19	6.5	Middle	2	1	28.16	7.82	23.73	82.7	5.66	7.5	4	
HKLR	HY/2011/03	2013-09-25	Mid-Flood	Sunny	CS(Mf)5	10:27:21	6.5	Middle	2	2	28.14	7.83	23.77	82.8	5.66	7.6	3.1	
HKLR	HY/2011/03	2013-09-25	Mid-Flood	Sunny	CS(Mf)5	10:25:55	12	Bottom	3	1	28.09	7.81	26.13	83.5	5.65	8.9	5.4	
HKLR	HY/2011/03	2013-09-25	Mid-Flood	Sunny	CS(Mf)5	10:27:02	12	Bottom	3	2	28.09	7.81	26.16	83	5.62	8.5	5.2	
HKLR	HY/2011/03	2013-09-27	Mid-Ebb	Fine	IS5	06:39:55	1.0	Surface	1	1	27.76	7.81	22.78	85.4	5.91	6.6	5.9	
HKLR	HY/2011/03	2013-09-27	Mid-Ebb	Fine	IS5	06:40:21	1.0	Surface	1	2	27.8	7.82	22.71	84.6	5.86	6.6	7.2	
HKLR	HY/2011/03	2013-09-27	Mid-Ebb	Fine	IS5	06:40:12	4.3	Middle	2	1	27.95	7.82	25.81	83.9	5.7	6.5	4.9	
HKLR	HY/2011/03	2013-09-27	Mid-Ebb	Fine	IS5	06:39:43	4.3	Middle	2	2	27.96	7.81	26.18	83.7	5.67	6.6	5.4	
HKLR	HY/2011/03	2013-09-27	Mid-Ebb	Fine	IS5	06:39:36	7.5	Bottom	3	1	27.92	7.78	27.96	85.6	5.74	7.3	7.9	
HKLR	HY/2011/03	2013-09-27	Mid-Ebb	Fine	IS5	06:40:05	7.5	Bottom	3	2	27.9	7.78	27.92	85.8	5.76	7.6	8	
HKLR	HY/2011/03	2013-09-27	Mid-Ebb	Fine	IS(Mf)6	06:32:35	1.0	Surface	1	1	27.56	7.76	21.44	93.6	6.55	7.8	5.5	
HKLR	HY/2011/03	2013-09-27	Mid-Ebb	Fine	IS(Mf)6	06:32:17	1.0	Surface	1	2	27.56	7.76	21.45	93.2	6.53	7.8	6.3	
HKLR	HY/2011/03	2013-09-27	Mid-Ebb	Fine	IS(Mf)6	06:32:06	2.1	Bottom	3	1	27.61	7.75	21.51	92.4	6.46	7.7	6.2	
HKLR	HY/2011/03	2013-09-27	Mid-Ebb	Fine	IS(Mf)6	06:32:23	2.1	Bottom	3	2	27.6	7.76	21.56	93.4	6.53	7.7	5.9	
HKLR	HY/2011/03	2013-09-27	Mid-Ebb	Fine	IS7	06:26:29	1.0	Surface	1	1	27.67	7.73	21.71	87.9	6.13	6.7	4.7	
HKLR	HY/2011/03	2013-09-27	Mid-Ebb	Fine	IS7	06:26:06	1.0	Surface	1	2	27.67	7.73	21.71	88.8	6.2	6.7	3.5	
HKLR	HY/2011/03	2013-09-27	Mid-Ebb	Fine	IS7	06:25:56	2.2	Bottom	3	1	27.7	7.72	21.92	88.7	6.18	6.8	5.4	
HKLR	HY/2011/03	2013-09-27	Mid-Ebb	Fine	IS7	06:26:17	2.2	Bottom	3	2	27.82	7.72	22.11	86.9	6.03	6.6	5.7	
HKLR	HY/2011/03	2013-09-27	Mid-Ebb	Fine	IS8	06:03:02	1.0	Surface	1	1	27.65	7.76	21.19	89.7	6.28	5.1	3.7	
HKLR	HY/2011/03	2013-09-27	Mid-Ebb	Fine	IS8	06:03:21	1.0	Surface	1	2	27.62	7.76	21.2	90.2	6.31	5.3	5.5	
HKLR	HY/2011/03	2013-09-27	Mid-Ebb	Fine	IS8	06:02:52	3.3	Bottom	3	1	27.74	7.73	23.93	90.3	6.22	5.5	6.5	
HKLR	HY/2011/03	2013-09-27	Mid-Ebb	Fine	IS8	06:03:10	3.3	Bottom	3	2	27.78	7.74	23.86	90.7	6.24	5.4	6.9	
HKLR	HY/2011/03	2013-09-27	Mid-Ebb	Fine	IS(Mf)9	06:19:26	1.0	Surface	1	1	27.67	7.75	21.4	88	6.15	12.4	3.7	
HKLR	HY/2011/03	2013-09-27	Mid-Ebb	Fine	IS(Mf)9	06:19:02	1.0	Surface	1	2	27.72	7.74	21.38	87.2	6.09	12.5	2.8	
HKLR	HY/2011/03	2013-09-27	Mid-Ebb	Fine	IS(Mf)9	06:18:53	2.8	Bottom	3	1	27.91	7.71	24.11	88.3	6.06	12.3	4.2	
HKLR	HY/2011/03	2013-09-27	Mid-Ebb	Fine	IS(Mf)9	06:19:13	2.8	Bottom	3	2	27.94	7.71	24.05	87.6	6	12.3	4.3	
HKLR	HY/2011/03	2013-09-27	Mid-Ebb	Fine	IS10	06:04:13	1.0	Surface	1	1	27.66	8.08	22.32	84	5.84	4	2.2	
HKLR	HY/2011/03	2013-09-27	Mid-Ebb	Fine	IS10	06:05:06	1.0	Surface	1	2	27.65	8.07	22.32	85.8	5.97	3.8	2.2	
HKLR	HY/2011/03	2013-09-27	Mid-Ebb	Fine	IS10	06:04:00	5.6	Middle	2	1	27.91	8.07	23.78	80.5	5.53	6.8	1.9	
HKLR	HY/2011/03	2013-09-27	Mid-Ebb	Fine	IS10	06:04:46	5.6	Middle	2	2	27.88	8.06	24.39	80.8	5.54	6.6	1.3	
HKLR	HY/2011/03	2013-09-27	Mid-Ebb	Fine	IS10	06:03:47	10.1	Bottom	3	1	28.06	8.04	27.02	81.2	5.47	7	3.3	
HKLR	HY/2011/03	2013-09-27	Mid-Ebb	Fine	IS10	06:04:32	10.1	Bottom	3	2	28.05	8.03	26.92	82	5.52	6.7	3.7	
HKLR	HY/2011/03	2013-09-27	Mid-Ebb	Fine	SR3	06:47:04	0.6	Middle	2	1	27.72	7.78	22.69	89.9	6.23	5.7	6	
HKLR	HY/2011/03	2013-09-27	Mid-Ebb	Fine	SR3	06:46:57	0.6	Middle	2	2	27.72	7.78	22.7	89.8	6.22	5.7	5.4	
HKLR	HY/2011/03	2013-09-27	Mid-Ebb	Fine	SR4	06:08:19	1.0	Surface	1	1	27.94	7.67	20.96	82.7	5.77	5.4	4.9	
HKLR	HY/2011/03	2013-09-27	Mid-Ebb	Fine	SR4	06:08:37	1.0	Surface	1	2	27.96	7.66	21.29	82.4	5.73	5.5	5.3	

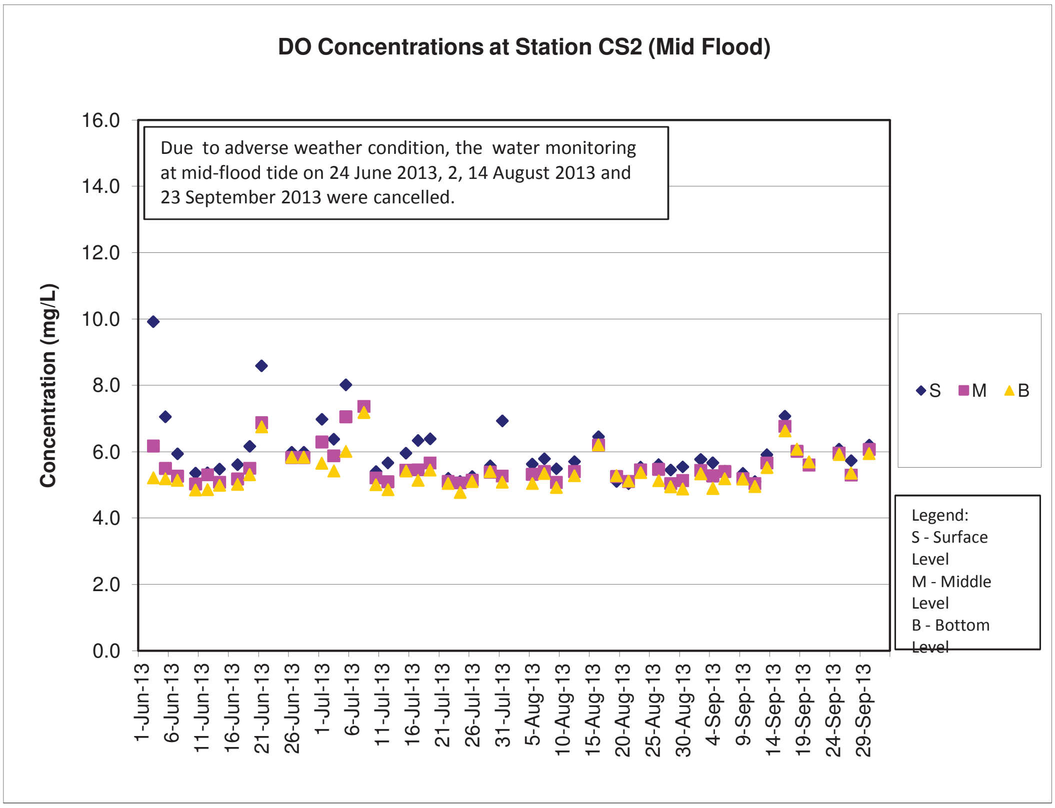
Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L	Site Observation
HKLR	HY/2011/03	2013-09-27	Mid-Ebb	Fine	SR4	06:08:27	2.9	Bottom	3	1	28.02	7.66	21.4	82.2	5.71	5.5	6	
HKLR	HY/2011/03	2013-09-27	Mid-Ebb	Fine	SR4	06:08:10	2.9	Bottom	3	2	27.99	7.66	22.02	82.6	5.72	5.4	5	
HKLR	HY/2011/03	2013-09-27	Mid-Ebb	Fine	SR5	06:14:11	1.0	Surface	1	1	27.52	8.05	22.08	86.4	6.03	3.3	2.7	
HKLR	HY/2011/03	2013-09-27	Mid-Ebb	Fine	SR5	06:14:44	1.0	Surface	1	2	27.48	8.05	22.05	87.3	6.1	3.1	3.4	
HKLR	HY/2011/03	2013-09-27	Mid-Ebb	Fine	SR5	06:14:28	4.3	Bottom	3	1	27.75	8.03	23.8	86.5	5.96	3.5	2.5	
HKLR	HY/2011/03	2013-09-27	Mid-Ebb	Fine	SR5	06:13:56	4.3	Bottom	3	2	27.77	8.03	23.85	86.3	5.94	3.7	3.4	
HKLR	HY/2011/03	2013-09-27	Mid-Ebb	Fine	SR10A	04:54:09	1.0	Surface	1	1	27.62	7.76	23.5	89.4	6.18	2.6	2.3	
HKLR	HY/2011/03	2013-09-27	Mid-Ebb	Fine	SR10A	04:53:42	1.0	Surface	1	2	27.64	7.76	23.6	89.3	6.17	2.6	2.6	
HKLR	HY/2011/03	2013-09-27	Mid-Ebb	Fine	SR10A	04:53:29	3.3	Middle	2	1	27.68	7.76	23.87	88.8	6.12	2.6	4.2	
HKLR	HY/2011/03	2013-09-27	Mid-Ebb	Fine	SR10A	04:53:59	3.3	Middle	2	2	27.68	7.76	23.85	88.9	6.13	2.7	4	
HKLR	HY/2011/03	2013-09-27	Mid-Ebb	Fine	SR10A	04:53:50	5.5	Bottom	3	1	27.68	7.76	23.92	89.1	6.14	2.6	4.6	
HKLR	HY/2011/03	2013-09-27	Mid-Ebb	Fine	SR10A	04:53:22	5.5	Bottom	3	2	27.7	7.76	24.05	88.8	6.11	2.7	4.2	
HKLR	HY/2011/03	2013-09-27	Mid-Ebb	Fine	SR10B	04:47:47	1.0	Surface	1	1	27.7	7.77	24.91	87.4	5.99	3.5	4.1	
HKLR	HY/2011/03	2013-09-27	Mid-Ebb	Fine	SR10B	04:47:23	1.0	Surface	1	2	27.7	7.76	24.88	87.7	6.01	3.5	5.1	
HKLR	HY/2011/03	2013-09-27	Mid-Ebb	Fine	SR10B	04:47:33	3.9	Bottom	3	1	27.7	7.76	25.13	87.3	5.98	3.6	4.6	
HKLR	HY/2011/03	2013-09-27	Mid-Ebb	Fine	SR10B	04:47:15	3.9	Bottom	3	2	27.7	7.76	24.91	87.7	6.01	3.5	5	
HKLR	HY/2011/03	2013-09-27	Mid-Ebb	Fine	CS2	07:31:59	1.0	Surface	1	1	27.98	8.06	23.57	86.1	5.92	3.2	3.6	
HKLR	HY/2011/03	2013-09-27	Mid-Ebb	Fine	CS2	07:31:06	1.0	Surface	1	2	28	8.06	23.56	86.2	5.92	3	3.6	
HKLR	HY/2011/03	2013-09-27	Mid-Ebb	Fine	CS2	07:31:41	3.4	Middle	2	1	27.98	8.07	23.71	84.8	5.82	3.4	5.6	
HKLR	HY/2011/03	2013-09-27	Mid-Ebb	Fine	CS2	07:30:51	3.4	Middle	2	2	27.97	8.07	23.71	85.2	5.85	3.4	5.7	
HKLR	HY/2011/03	2013-09-27	Mid-Ebb	Fine	CS2	07:31:29	5.8	Bottom	3	1	28.04	8.06	24.86	84.5	5.76	5.5	4.4	
HKLR	HY/2011/03	2013-09-27	Mid-Ebb	Fine	CS2	07:30:28	5.8	Bottom	3	2	28.03	8.06	25.39	84.5	5.74	5.6	5.4	
HKLR	HY/2011/03	2013-09-27	Mid-Ebb	Fine	CS(Mf)5	05:29:41	1.0	Surface	1	1	27.79	7.77	21.81	83.4	5.8	5.4	6.2	
HKLR	HY/2011/03	2013-09-27	Mid-Ebb	Fine	CS(Mf)5	05:30:17	1.0	Surface	1	2	27.82	7.79	21.72	81.8	5.69	5.4	6.2	
HKLR	HY/2011/03	2013-09-27	Mid-Ebb	Fine	CS(Mf)5	05:29:26	6.5	Middle	2	1	28.12	7.77	26.85	80	5.38	5.2	7.2	
HKLR	HY/2011/03	2013-09-27	Mid-Ebb	Fine	CS(Mf)5	05:30:06	6.5	Middle	2	2	28.12	7.77	27	79.2	5.33	5.2	7.4	
HKLR	HY/2011/03	2013-09-27	Mid-Ebb	Fine	CS(Mf)5	05:29:16	12.0	Bottom	3	1	28.06	7.73	27.96	82.8	5.54	5.3	7.5	
HKLR	HY/2011/03	2013-09-27	Mid-Ebb	Fine	CS(Mf)5	05:29:56	12.0	Bottom	3	2	28.08	7.74	27.82	81.7	5.47	5.3	7.6	
HKLR	HY/2011/03	2013-09-27	Mid-Flood	Sunny	IS5	17:24:00	1.0	Surface	1	1	28.72	7.86	22	89.6	6.13	8	4.1	
HKLR	HY/2011/03	2013-09-27	Mid-Flood	Sunny	IS5	17:24:29	1.0	Surface	1	2	28.71	7.86	22.03	90.5	6.2	7.5	3.7	
HKLR	HY/2011/03	2013-09-27	Mid-Flood	Sunny	IS5	17:23:48	4.4	Middle	2	1	28.02	7.83	25.53	82.6	5.61	11.3	5.2	
HKLR	HY/2011/03	2013-09-27	Mid-Flood	Sunny	IS5	17:24:17	4.4	Middle	2	2	28.04	7.83	25.82	84.5	5.73	11.5	3.9	
HKLR	HY/2011/03	2013-09-27	Mid-Flood	Sunny	IS5	17:23:39	7.7	Bottom	3	1	28.1	7.81	27.33	87.2	5.86	12.4	4	
HKLR	HY/2011/03	2013-09-27	Mid-Flood	Sunny	IS5	17:24:09	7.7	Bottom	3	2	28.24	7.81	27.05	90	6.04	12.2	5.4	
HKLR	HY/2011/03	2013-09-27	Mid-Flood	Sunny	IS(Mf)6	17:31:21	1.0	Surface	1	1	28.22	7.85	21.82	100.8	6.96	6.6	6.2	
HKLR	HY/2011/03	2013-09-27	Mid-Flood	Sunny	IS(Mf)6	17:31:37	1.0	Surface	1	2	28.24	7.85	21.71	100.5	6.94	6.6	5.5	
HKLR	HY/2011/03	2013-09-27	Mid-Flood	Sunny	IS(Mf)6	17:31:08	2.2	Bottom	3	1	28.19	7.83	22.64	100.7	6.93	6.6	6.9	
HKLR	HY/2011/03	2013-09-27	Mid-Flood	Sunny	IS(Mf)6	17:31:27	2.2	Bottom	3	2	28.19	7.84	22.68	100.3	6.9	6.5	7	
HKLR	HY/2011/03	2013-09-27	Mid-Flood	Sunny	IS7	17:38:15	1.0	Surface	1	1	28.59	7.88	21.41	106.9	7.36	5.3	7	
HKLR	HY/2011/03	2013-09-27	Mid-Flood	Sunny	IS7	17:38:36	1.0	Surface	1	2	28.23	7.85	22.22	103.1	7.1	5.3	5.3	
HKLR	HY/2011/03	2013-09-27	Mid-Flood	Sunny	IS7	17:38:23	2.4	Bottom	3	1	28.34	7.87	22.11	106.7	7.34	5.5	7.9	
HKLR	HY/2011/03	2013-09-27	Mid-Flood	Sunny	IS7	17:38:04	2.4	Bottom	3	2	28.24	7.85	22.39	105.4	7.25	5.5	5.7	
HKLR	HY/2011/03	2013-09-27	Mid-Flood	Sunny	IS8	18:05:04	1.0	Surface	1	1	28.71	7.83	22.37	94.7	6.47	6.4	5.4	
HKLR	HY/2011/03	2013-09-27	Mid-Flood	Sunny	IS8	18:04:46	1.0	Surface	1	2	28.67	7.83	22.35	92.9	6.35	6.7	4.8	
HKLR	HY/2011/03	2013-09-27	Mid-Flood	Sunny	IS8	18:04:53	3.2	Bottom	3	1	28.47	7.82	23.61	93.6	6.38	7.7	5.6	
HKLR	HY/2011/03	2013-09-27	Mid-Flood	Sunny	IS8	18:04:36	3.2	Bottom	3	2	28.47	7.81	23.65	93.1	6.34	7.6	4.9	
HKLR	HY/2011/03	2013-09-27	Mid-Flood	Sunny	IS(Mf)9	17:48:14	1.0	Surface	1	1	28.34	7.84	21.87	96.8	6.67	7.4	4.3	
HKLR	HY/2011/03	2013-09-27	Mid-Flood	Sunny	IS(Mf)9	17:47:58	1.0	Surface	1	2	28.35	7.84	22.09	97.1	6.68	7.5	5.2	
HKLR	HY/2011/03	2013-09-27	Mid-Flood	Sunny	IS(Mf)9	17:48:05	2.7	Bottom	3	1	28.24	7.82	23.4	96.6	6.61	7.9	4.6	
HKLR	HY/2011/03	2013-09-27	Mid-Flood	Sunny	IS(Mf)9	17:47:49	2.7	Bottom	3	2	28.27	7.82	23.65	98.7	6.74	7.7	4.7	
HKLR	HY/2011/03	2013-09-27	Mid-Flood	Sunny	IS10	18:27:30	1.0	Surface	1	1	28.46	8.11	23.43	86.9	5.92	5	4	
HKLR	HY/2011/03	2013-09-27	Mid-Flood	Sunny	IS10	18:28:29	1.0	Surface	1	2	28.48	8.11	23.35	86.1	5.87	5.4	5.5	
HKLR	HY/2011/03	2013-09-27	Mid-Flood	Sunny	IS10	18:28:12	5.6	Middle	2	1	28.09	8.08	27.05	76.2	5.13	8.6	5.4	
HKLR	HY/2011/03	2013-09-27	Mid-Flood	Sunny	IS10	18:27:11	5.6	Middle	2	2	28.09	8.08	26.92	77.4	5.21	8.3	4.9	
HKLR	HY/2011/03	2013-09-27	Mid-Flood	Sunny	IS10	18:27:56	10.2	Bottom	3	1	28.1	8.07	27.42	78.5	5.27	8.8	7.6	
HKLR	HY/2011/03	2013-09-27	Mid-Flood	Sunny	IS10	18:26:57	10.2	Bottom	3	2	28.11	8.07	27.18	80.8	5.43	8.3	5.9	
HKLR	HY/2011/03	2013-09-27	Mid-Flood	Sunny	SR3	17:15:51	0.7	Middle	2	1	28.7	7.85	22.04	103.6	7.09	5.1	7.2	
HKLR	HY/2011/03	2013-09-27	Mid-Flood	Sunny	SR3	17:16:00	0.7	Middle	2	2	28.69	7.85	22.06	103.2	7.07	5	6.9	
HKLR	HY/2011/03	2013-09-27	Mid-Flood	Sunny	SR4	17:59:19	1.0	Surface	1	1	29	7.89	22.44	98.2	6.68	3.3	6.2	
HKLR	HY/2011/03	2013-09-27	Mid-Flood	Sunny	SR4	17:59:00	1.0	Surface	1	2	29	7.9	22.52	98.2	6.67	3.4	4.8	
HKLR	HY/2011/03	2013-09-27	Mid-Flood	Sunny	SR4	17:58:47	2.7	Bottom	3	1	28.75	7.9	22.94	97.8	6.65	3.6	4.2	
HKLR	HY/2011/03	2013-09-27	Mid-Flood	Sunny	SR4	17:59:06	2.7	Bottom	3	2	28.81	7.89	22.85	97.7	6.65	3.5	4.9	
HKLR	HY/2011/03	2013-09-27	Mid-Flood	Sunny	SR5	18:17:31	1.0	Surface	1	1	28.45	8.11	23.47	87.9	5.99	4.9	5.2	
HKLR	HY/2011/03	2013-09-27	Mid-Flood	Sunny	SR5	18:18:12	1.0	Surface	1	2	28.47	8.11	23.42	89.3	6.09	4.8	4	

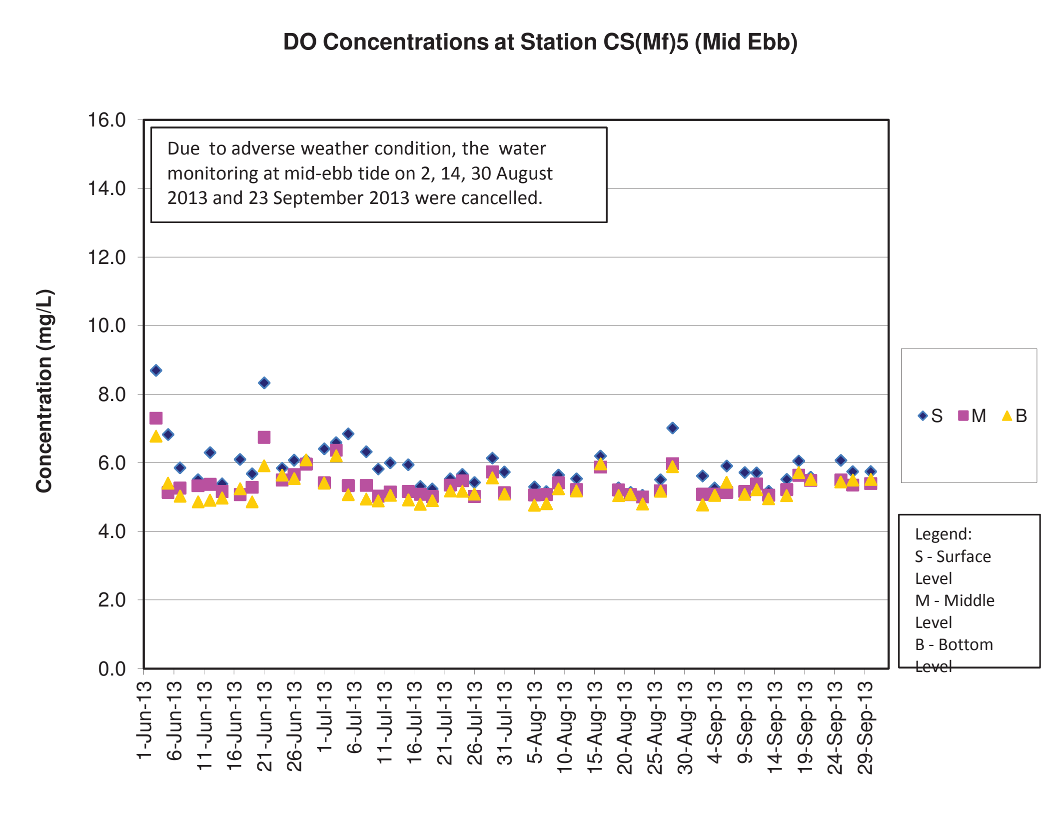
Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L	Site Observation
HKLR	HY/2011/03	2013-09-27	Mid-Flood	Sunny	SR5	18:17:12	4.3	Bottom	3	1	28.13	8.07	26.62	84.3	5.67	6.4	4.7	
HKLR	HY/2011/03	2013-09-27	Mid-Flood	Sunny	SR5	18:17:50	4.3	Bottom	3	2	28.12	8.07	26.64	84	5.66	6.1	4.4	
HKLR	HY/2011/03	2013-09-27	Mid-Flood	Sunny	SR10A	19:17:17	1.0	Surface	1	1	28.19	7.87	27.35	82.9	5.55	3.2	3.1	
HKLR	HY/2011/03	2013-09-27	Mid-Flood	Sunny	SR10A	19:16:49	1.0	Surface	1	2	28.19	7.87	27.37	83	5.56	3.2	3.6	
HKLR	HY/2011/03	2013-09-27	Mid-Flood	Sunny	SR10A	19:17:08	3.3	Middle	2	1	28.18	7.87	27.47	82.2	5.5	3.4	3.6	
HKLR	HY/2011/03	2013-09-27	Mid-Flood	Sunny	SR10A	19:16:41	3.3	Middle	2	2	28.18	7.87	27.47	82.6	5.53	3.4	4	
HKLR	HY/2011/03	2013-09-27	Mid-Flood	Sunny	SR10A	19:16:58	5.6	Bottom	3	1	28.17	7.86	28.31	82.7	5.51	3.4	5.7	
HKLR	HY/2011/03	2013-09-27	Mid-Flood	Sunny	SR10A	19:16:32	5.6	Bottom	3	2	28.18	7.86	28.46	83.2	5.54	3.5	4.8	
HKLR	HY/2011/03	2013-09-27	Mid-Flood	Sunny	SR10B	19:25:26	1.0	Surface	1	1	28.14	7.87	26.14	83.7	5.65	2.5	5.4	
HKLR	HY/2011/03	2013-09-27	Mid-Flood	Sunny	SR10B	19:25:45	1.0	Surface	1	2	28.13	7.87	26.28	84.3	5.69	2.5	4.9	
HKLR	HY/2011/03	2013-09-27	Mid-Flood	Sunny	SR10B	19:25:35	4.2	Bottom	3	1	28.16	7.86	27.49	84.3	5.65	2.6	6.4	
HKLR	HY/2011/03	2013-09-27	Mid-Flood	Sunny	SR10B	19:25:17	4.2	Bottom	3	2	28.16	7.86	27.67	83.9	5.61	2.5	7.3	
HKLR	HY/2011/03	2013-09-27	Mid-Flood	Sunny	CS2	17:02:49	1.0	Surface	1	1	28.27	8.18	24.25	84.9	5.78	5.5	2.8	
HKLR	HY/2011/03	2013-09-27	Mid-Flood	Sunny	CS2	17:03:34	1.0	Surface	1	2	28.25	8.15	24.47	83.6	5.69	5.6	3.7	
HKLR	HY/2011/03	2013-09-27	Mid-Flood	Sunny	CS2	17:02:34	3.3	Middle	2	1	28.11	8.19	26.35	78.8	5.31	6.9	4.4	
HKLR	HY/2011/03	2013-09-27	Mid-Flood	Sunny	CS2	17:03:20	3.3	Middle	2	2	28.11	8.13	26.59	78.6	5.29	6.9	3.9	
HKLR	HY/2011/03	2013-09-27	Mid-Flood	Sunny	CS2	17:02:16	5.6	Bottom	3	1	28.07	8.22	27.3	80	5.38	8.6	2.7	
HKLR	HY/2011/03	2013-09-27	Mid-Flood	Sunny	CS2	17:03:09	5.6	Bottom	3	2	28.08	8.14	27.19	79.4	5.34	8.7	3.1	
HKLR	HY/2011/03	2013-09-27	Mid-Flood	Sunny	CS(Mf)5	18:43:24	1.0	Surface	1	1	28.2	7.89	24.54	84.2	5.73	3.5	3.5	
HKLR	HY/2011/03	2013-09-27	Mid-Flood	Sunny	CS(Mf)5	18:42:50	1.0	Surface	1	2	28.23	7.88	24.69	86.6	5.89	3.5	2.4	
HKLR	HY/2011/03	2013-09-27	Mid-Flood	Sunny	CS(Mf)5	18:43:12	6.3	Middle	2	1	28.1	7.86	29.04	80.9	5.38	5.6	2.3	
HKLR	HY/2011/03	2013-09-27	Mid-Flood	Sunny	CS(Mf)5	18:42:35	6.3	Middle	2	2	28.09	7.86	29.19	80.1	5.32	5.4	2	
HKLR	HY/2011/03	2013-09-27	Mid-Flood	Sunny	CS(Mf)5	18:42:25	11.6	Bottom	3	1	28.1	7.85	29.53	82.7	5.49	5.7	3.9	
HKLR	HY/2011/03	2013-09-27	Mid-Flood	Sunny	CS(Mf)5	18:43:03	11.6	Bottom	3	2	28.12	7.85	29.5	84.4	5.6	5.7	3.1	
HKLR	HY/2011/03	2013-09-30	Mid-Ebb	Cloudy	IS5	10:34:31	1.0	Surface	1	1	27.54	7.9	26.38	91.9	6.22	5.6	3	
HKLR	HY/2011/03	2013-09-30	Mid-Ebb	Cloudy	IS5	10:34:01	1.0	Surface	1	2	27.53	7.9	25.83	92	6.23	5.6	2.4	
HKLR	HY/2011/03	2013-09-30	Mid-Ebb	Cloudy	IS5	10:33:52	4.3	Middle	2	1	27.76	7.88	28.52	91.1	6.11	7.7	3.2	
HKLR	HY/2011/03	2013-09-30	Mid-Ebb	Cloudy	IS5	10:34:20	4.3	Middle	2	2	27.82	7.89	28.81	91.4	6.1	7.9	3.5	
HKLR	HY/2011/03	2013-09-30	Mid-Ebb	Cloudy	IS5	10:33:40	7.5	Bottom	3	1	27.81	7.87	30.02	90.5	6.07	8.7	3	
HKLR	HY/2011/03	2013-09-30	Mid-Ebb	Cloudy	IS5	10:34:12	7.5	Bottom	3	2	27.78	7.87	30.12	90.3	6.04	8.7	3.4	
HKLR	HY/2011/03	2013-09-30	Mid-Ebb	Cloudy	IS(Mf)6	10:26:43	1.0	Surface	1	1	27.21	7.87	25.32	96.3	6.63	3.9	2.9	
HKLR	HY/2011/03	2013-09-30	Mid-Ebb	Cloudy	IS(Mf)6	10:27:03	1.0	Surface	1	2	27.22	7.87	25.33	96	6.61	4	3	
HKLR	HY/2011/03	2013-09-30	Mid-Ebb	Cloudy	IS(Mf)6	10:26:32	2.1	Bottom	3	1	27.27	7.86	25.54	96.5	6.63	4.1	3	
HKLR	HY/2011/03	2013-09-30	Mid-Ebb	Cloudy	IS(Mf)6	10:26:52	2.1	Bottom	3	2	27.34	7.86	25.86	96.4	6.61	4	3.3	
HKLR	HY/2011/03	2013-09-30	Mid-Ebb	Cloudy	IS7	10:19:41	1.0	Surface	1	1	27.33	7.81	26.17	84.5	5.78	6.6	3.2	
HKLR	HY/2011/03	2013-09-30	Mid-Ebb	Cloudy	IS7	10:20:00	1.0	Surface	1	2	27.44	7.81	26.17	82.5	5.63	6.8	3.6	
HKLR	HY/2011/03	2013-09-30	Mid-Ebb	Cloudy	IS7	10:19:30	2.3	Bottom	3	1	27.66	7.8	26.56	83.2	5.65	6.8	4.1	
HKLR	HY/2011/03	2013-09-30	Mid-Ebb	Cloudy	IS7	10:19:51	2.3	Bottom	3	2	27.69	7.79	27.33	83.3	5.63	6.7	3.7	
HKLR	HY/2011/03	2013-09-30	Mid-Ebb	Cloudy	IS8	09:57:18	1.0	Surface	1	1	27.41	7.87	25.85	91.3	6.25	4.5	2.9	
HKLR	HY/2011/03	2013-09-30	Mid-Ebb	Cloudy	IS8	09:57:41	1.0	Surface	1	2	27.38	7.88	25.92	93	6.37	4.6	2.5	
HKLR	HY/2011/03	2013-09-30	Mid-Ebb	Cloudy	IS8	09:57:08	3.1	Bottom	3	1	27.61	7.86	27.43	92	6.22	4.5	2.4	
HKLR	HY/2011/03	2013-09-30	Mid-Ebb	Cloudy	IS8	09:57:31	3.1	Bottom	3	2	27.56	7.87	27.22	92.9	6.3	4.5	2.7	
HKLR	HY/2011/03	2013-09-30	Mid-Ebb	Cloudy	IS(Mf)9	10:13:23	1.0	Surface	1	1	27.21	7.86	25.48	90.7	6.25	5.6	2.9	
HKLR	HY/2011/03	2013-09-30	Mid-Ebb	Cloudy	IS(Mf)9	10:13:03	1.0	Surface	1	2	27.27	7.85	25.46	89.4	6.15	5.5	2.7	
HKLR	HY/2011/03	2013-09-30	Mid-Ebb	Cloudy	IS(Mf)9	10:12:54	2.7	Bottom	3	1	27.59	7.83	27	90.7	6.15	5.7	1.9	
HKLR	HY/2011/03	2013-09-30	Mid-Ebb	Cloudy	IS(Mf)9	10:13:11	2.7	Bottom	3	2	27.47	7.83	26.94	91	6.18	5.7	1.7	
HKLR	HY/2011/03	2013-09-30	Mid-Ebb	Cloudy	IS10	09:55:18	1.0	Surface	1	1	27.62	8.15	27.41	88.2	5.96	4.1	20.2	
HKLR	HY/2011/03	2013-09-30	Mid-Ebb	Cloudy	IS10	09:54:20	1.0	Surface	1	2	27.63	8.15	27.41	88.1	5.96	4	20.9	
HKLR	HY/2011/03	2013-09-30	Mid-Ebb	Cloudy	IS10	09:54:55	5.5	Middle	2	1	27.52	8.15	28.28	87.1	5.87	2.6	23.2	
HKLR	HY/2011/03	2013-09-30	Mid-Ebb	Cloudy	IS10	09:54:01	5.5	Middle	2	2	27.53	8.15	28.35	87.2	5.87	2.5	22.2	
HKLR	HY/2011/03	2013-09-30	Mid-Ebb	Cloudy	IS10	09:54:41	10.0	Bottom	3	1	27.54	8.15	28.41	87.3	5.88	2.8	22.2	
HKLR	HY/2011/03	2013-09-30	Mid-Ebb	Cloudy	IS10	09:53:48	10.0	Bottom	3	2	27.54	8.15	28.4	87.4	5.89	2.9	22.3	
HKLR	HY/2011/03	2013-09-30	Mid-Ebb	Cloudy	SR3	10:41:13	0.7	Middle	2	1	27.46	7.88	26.04	94.8	6.48	3.8	2.4	
HKLR	HY/2011/03	2013-09-30	Mid-Ebb	Cloudy	SR3	10:41:23	0.7	Middle	2	2	27.5	7.88	26.35	94.7	6.46	3.8	3.3	
HKLR	HY/2011/03	2013-09-30	Mid-Ebb	Cloudy	SR4	10:02:57	1.0	Surface	1	1	27.54	7.81	25.42	80.7	5.53	4.4	4.6	
HKLR	HY/2011/03	2013-09-30	Mid-Ebb	Cloudy	SR4	10:03:22	1.0	Surface	1	2	27.42	7.8	25.3	83	5.7	4.5	4.6	
HKLR	HY/2011/03	2013-09-30	Mid-Ebb	Cloudy	SR4	10:03:10	2.7	Bottom	3	1	27.69	7.79	26.38	81.8	5.56	5.6	2.7	
HKLR	HY/2011/03	2013-09-30	Mid-Ebb	Cloudy	SR4	10:02:48	2.7	Bottom	3	2	27.83	7.79	27.62	81.7	5.5	5.5	2.5	
HKLR	HY/2011/03	2013-09-30	Mid-Ebb	Cloudy	SR5	10:06:00	1.0	Surface	1	1	27.54	8.15	27.46	87.9	5.95	4	21.9	
HKLR	HY/2011/03	2013-09-30	Mid-Ebb	Cloudy	SR5	10:05:26	1.0	Surface	1	2	27.56	8.15	27.48	87.7	5.94	3.9	20.5	
HKLR	HY/2011/03	2013-09-30	Mid-Ebb	Cloudy	SR5	10:05:40	4.7	Bottom	3	1	27.51	8.15	28.17	87.4	5.9	3.2	17.7	
HKLR	HY/2011/03	2013-09-30	Mid-Ebb	Cloudy	SR5	10:05:12	4.7	Bottom	3	2	27.51	8.15	28.18	87.4	5.9	3.3	17.3	
HKLR	HY/2011/03	2013-09-30	Mid-Ebb	Cloudy	SR10A	08:51:47	1.0	Surface	1	1	27.88	7.86	29.98	83.4	5.54	2.7	3	
HKLR	HY/2011/03	2013-09-30	Mid-Ebb	Cloudy	SR10A	08:51:14	1.0	Surface	1	2	27.91	7.86	30.07	83.6	5.54	2.6	2.7	

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	Site Observation
HKLR	HY/2011/03	2013-09-30	Mid-Ebb	Cloudy	SR10A	08:51:02	3.3	Middle	2	1	27.91	7.86	30.15	83.6	5.54	2.6	2.7	
HKLR	HY/2011/03	2013-09-30	Mid-Ebb	Cloudy	SR10A	08:51:33	3.3	Middle	2	2	27.92	7.86	30.18	83.4	5.53	2.6	3.1	
HKLR	HY/2011/03	2013-09-30	Mid-Ebb	Cloudy	SR10A	08:51:25	5.6	Bottom	3	1	27.92	7.86	30.24	83.3	5.52	2.7	2.3	
HKLR	HY/2011/03	2013-09-30	Mid-Ebb	Cloudy	SR10A	08:50:53	5.6	Bottom	3	2	27.91	7.86	30.25	83.6	5.53	2.6	2.4	
HKLR	HY/2011/03	2013-09-30	Mid-Ebb	Cloudy	SR10B	08:45:56	1.0	Surface	1	1	27.88	7.83	30.12	82.2	5.45	3.4	3.2	
HKLR	HY/2011/03	2013-09-30	Mid-Ebb	Cloudy	SR10B	08:45:40	1.0	Surface	1	2	27.87	7.84	30.11	82.4	5.46	3.4	3.8	
HKLR	HY/2011/03	2013-09-30	Mid-Ebb	Cloudy	SR10B	08:45:25	3.9	Bottom	3	1	27.89	7.84	30.1	82.4	5.47	3.4	2.7	
HKLR	HY/2011/03	2013-09-30	Mid-Ebb	Cloudy	SR10B	08:45:48	3.9	Bottom	3	2	27.89	7.84	30.12	82.2	5.45	3.4	3.6	
HKLR	HY/2011/03	2013-09-30	Mid-Ebb	Cloudy	CS2	11:21:07	1.0	Surface	1	1	27.4	8.2	28.17	91.9	6.21	2.6	2.8	
HKLR	HY/2011/03	2013-09-30	Mid-Ebb	Cloudy	CS2	11:21:56	1.0	Surface	1	2	27.39	8.2	28.14	92	6.22	2.6	2.5	
HKLR	HY/2011/03	2013-09-30	Mid-Ebb	Cloudy	CS2	11:20:52	3.4	Middle	2	1	27.52	8.21	28.31	90.4	6.09	4.9	2.2	
HKLR	HY/2011/03	2013-09-30	Mid-Ebb	Cloudy	CS2	11:21:41	3.4	Middle	2	2	27.48	8.21	28.2	90.3	6.09	4.4	2.2	
HKLR	HY/2011/03	2013-09-30	Mid-Ebb	Cloudy	CS2	11:21:28	5.7	Bottom	3	1	27.86	8.19	30.05	90.5	6.01	7.1	2.3	
HKLR	HY/2011/03	2013-09-30	Mid-Ebb	Cloudy	CS2	11:20:38	5.7	Bottom	3	2	27.9	8.19	30.11	90.4	6	6.7	2.7	
HKLR	HY/2011/03	2013-09-30	Mid-Ebb	Cloudy	CS(Mf)5	09:26:08	1.0	Surface	1	1	27.28	7.84	27.37	85.7	5.83	2.5	3.3	
HKLR	HY/2011/03	2013-09-30	Mid-Ebb	Cloudy	CS(Mf)5	09:25:24	1.0	Surface	1	2	27.38	7.85	27.32	83.4	5.67	2.5	3.6	
HKLR	HY/2011/03	2013-09-30	Mid-Ebb	Cloudy	CS(Mf)5	09:25:51	6.3	Middle	2	1	27.94	7.85	29.84	81.3	5.4	2.5	4	
HKLR	HY/2011/03	2013-09-30	Mid-Ebb	Cloudy	CS(Mf)5	09:25:13	6.3	Middle	2	2	27.96	7.85	29.72	81.3	5.4	2.6	3	
HKLR	HY/2011/03	2013-09-30	Mid-Ebb	Cloudy	CS(Mf)5	09:25:03	11.6	Bottom	3	1	28.01	7.83	30.64	83.4	5.5	3.3	4.9	
HKLR	HY/2011/03	2013-09-30	Mid-Ebb	Cloudy	CS(Mf)5	09:25:39	11.6	Bottom	3	2	27.94	7.83	30.67	83.8	5.54	3.2	4.4	
HKLR	HY/2011/03	2013-09-30	Mid-Flood	Cloudy	IS5	15:43:38	1.0	Surface	1	1	27.41	7.88	25.98	90.2	6.1	9.5	2.3	
HKLR	HY/2011/03	2013-09-30	Mid-Flood	Cloudy	IS5	15:44:06	1.0	Surface	1	2	27.43	7.89	25.87	90	6.09	10	3.2	
HKLR	HY/2011/03	2013-09-30	Mid-Flood	Cloudy	IS5	15:43:27	4.1	Middle	2	1	27.73	7.87	28.17	89.2	6.02	12	5.5	
HKLR	HY/2011/03	2013-09-30	Mid-Flood	Cloudy	IS5	15:43:56	4.1	Middle	2	2	27.8	7.87	28.48	89	6	12.3	4.4	
HKLR	HY/2011/03	2013-09-30	Mid-Flood	Cloudy	IS5	15:43:15	7.2	Bottom	3	1	27.73	7.86	29.39	88.1	5.92	12.6	5.3	
HKLR	HY/2011/03	2013-09-30	Mid-Flood	Cloudy	IS5	15:43:48	7.2	Bottom	3	2	27.71	7.86	29.57	88.2	5.91	12.5	4.6	
HKLR	HY/2011/03	2013-09-30	Mid-Flood	Cloudy	IS(Mf)6	15:50:59	1.0	Surface	1	1	27.16	7.87	25.81	97.4	6.7	5.2	4.9	
HKLR	HY/2011/03	2013-09-30	Mid-Flood	Cloudy	IS(Mf)6	15:51:17	1.0	Surface	1	2	27.14	7.87	25.72	97	6.67	5.3	3.1	
HKLR	HY/2011/03	2013-09-30	Mid-Flood	Cloudy	IS(Mf)6	15:50:46	2.1	Bottom	3	1	27.22	7.86	25.9	96.7	6.64	5.5	2.9	
HKLR	HY/2011/03	2013-09-30	Mid-Flood	Cloudy	IS(Mf)6	15:51:08	2.1	Bottom	3	2	27.23	7.86	25.93	96.8	6.64	5.6	2.3	
HKLR	HY/2011/03	2013-09-30	Mid-Flood	Cloudy	IS7	15:59:23	1.0	Surface	1	1	27.25	7.86	25.98	97	6.65	4.1	4	
HKLR	HY/2011/03	2013-09-30	Mid-Flood	Cloudy	IS7	15:59:09	1.0	Surface	1	2	27.21	7.85	25.96	97	6.66	4.1	3.9	
HKLR	HY/2011/03	2013-09-30	Mid-Flood	Cloudy	IS7	15:58:57	2.3	Bottom	3	1	27.24	7.85	25.98	96.4	6.61	4.1	3.2	
HKLR	HY/2011/03	2013-09-30	Mid-Flood	Cloudy	IS7	15:59:14	2.3	Bottom	3	2	27.25	7.85	26.01	97.1	6.66	4.3	2.8	
HKLR	HY/2011/03	2013-09-30	Mid-Flood	Cloudy	IS8	16:23:30	1.0	Surface	1	1	27.69	7.85	26.56	82.9	5.62	10.5	3.5	
HKLR	HY/2011/03	2013-09-30	Mid-Flood	Cloudy	IS8	16:23:08	1.0	Surface	1	2	27.85	7.83	27.95	83.7	5.62	10.8	2.8	
HKLR	HY/2011/03	2013-09-30	Mid-Flood	Cloudy	IS8	16:22:58	2.8	Bottom	3	1	27.83	7.84	28.1	82.7	5.55	11.4	3.2	
HKLR	HY/2011/03	2013-09-30	Mid-Flood	Cloudy	IS8	16:23:22	2.8	Bottom	3	2	27.84	7.84	28.12	81.9	5.49	11.4	3.1	
HKLR	HY/2011/03	2013-09-30	Mid-Flood	Cloudy	IS(Mf)9	16:05:50	1.0	Surface	1	1	27.6	7.82	27.16	86.8	5.88	16.5	13.4	
HKLR	HY/2011/03	2013-09-30	Mid-Flood	Cloudy	IS(Mf)9	16:06:10	1.0	Surface	1	2	27.65	7.82	27.42	85.9	5.8	16.4	12.5	
HKLR	HY/2011/03	2013-09-30	Mid-Flood	Cloudy	IS(Mf)9	16:05:40	2.7	Bottom	3	1	27.73	7.82	28.2	87.2	5.86	17.6	7.8	
HKLR	HY/2011/03	2013-09-30	Mid-Flood	Cloudy	IS(Mf)9	16:06:00	2.7	Bottom	3	2	27.7	7.82	28.22	87	5.85	18	7.5	
HKLR	HY/2011/03	2013-09-30	Mid-Flood	Cloudy	IS10	18:46:56	1.0	Surface	1	1	27.5	8.15	27.76	87.3	5.9	15.6	4.4	
HKLR	HY/2011/03	2013-09-30	Mid-Flood	Cloudy	IS10	18:47:36	1.0	Surface	1	2	27.5	8.15	27.71	87.2	5.9	15.5	4.8	
HKLR	HY/2011/03	2013-09-30	Mid-Flood	Cloudy	IS10	18:46:41	5.3	Middle	2	1	27.55	8.15	28.1	86.8	5.85	11.4	5	
HKLR	HY/2011/03	2013-09-30	Mid-Flood	Cloudy	IS10	18:47:24	5.3	Middle	2	2	27.53	8.16	27.98	86.7	5.86	12	6.3	
HKLR	HY/2011/03	2013-09-30	Mid-Flood	Cloudy	IS10	18:47:11	9.5	Bottom	3	1	27.61	8.15	28.5	86.8	5.84	13.4	7.4	
HKLR	HY/2011/03	2013-09-30	Mid-Flood	Cloudy	IS10	18:46:28	9.5	Bottom	3	2	27.59	8.14	28.36	86.8	5.84	13.9	8.1	
HKLR	HY/2011/03	2013-09-30	Mid-Flood	Cloudy	SR3	15:34:27	0.8	Middle	2	1	27.2	7.89	25.37	98.4	6.78	4.7	6.1	
HKLR	HY/2011/03	2013-09-30	Mid-Flood	Cloudy	SR3	15:34:34	0.8	Middle	2	2	27.2	7.89	25.37	98.4	6.78	4.7	7.3	
HKLR	HY/2011/03	2013-09-30	Mid-Flood	Cloudy	SR4	16:18:03	1.0	Surface	1	1	27.86	7.82	27.51	78	5.25	8.7	9	
HKLR	HY/2011/03	2013-09-30	Mid-Flood	Cloudy	SR4	16:18:17	1.0	Surface	1	2	27.89	7.81	27.71	77.5	5.21	9.1	8.8	
HKLR	HY/2011/03	2013-09-30	Mid-Flood	Cloudy	SR4	16:17:52	2.7	Bottom	3	1	27.92	7.81	27.97	78	5.23	10.4	4	
HKLR	HY/2011/03	2013-09-30	Mid-Flood	Cloudy	SR4	16:18:09	2.7	Bottom	3	2	27.9	7.81	27.91	78.1	5.24	10.3	3.8	
HKLR	HY/2011/03	2013-09-30	Mid-Flood	Cloudy	SR5	18:35:44	1.0	Surface	1	1	27.5	8.11	27.74	87.4	5.91	19.9	4.1	
HKLR	HY/2011/03	2013-09-30	Mid-Flood	Cloudy	SR5	18:36:10	1.0	Surface	1	2	27.5	8.12	27.73	87.5	5.92	19.3	4.2	
HKLR	HY/2011/03	2013-09-30	Mid-Flood	Cloudy	SR5	18:36:00	4.5	Bottom	3	1	27.5	8.11	27.83	87.3	5.9	18.3	5.4	
HKLR	HY/2011/03	2013-09-30	Mid-Flood	Cloudy	SR5	18:35:25	4.5	Bottom	3	2	27.51	8.09	27.83	87.4	5.91	18.3	6.4	
HKLR	HY/2011/03	2013-09-30	Mid-Flood	Cloudy	SR10A	17:43:02	1.0	Surface	1	1	27.84	7.83	30.06	81.9	5.44	4.3	5.3	
HKLR	HY/2011/03	2013-09-30	Mid-Flood	Cloudy	SR10A	17:43:34	1.0	Surface	1	2	27.89	7.84	30.14	82.1	5.44	4.3	6.5	
HKLR	HY/2011/03	2013-09-30	Mid-Flood	Cloudy	SR10A	17:43:24	3.3	Middle	2	1	27.94	7.84	30.44	82	5.42	4.4	6	
HKLR	HY/2011/03	2013-09-30	Mid-Flood	Cloudy	SR10A	17:42:53	3.3	Middle	2	2	27.93	7.84	30.44	82.2	5.44	4.2	5.5	
HKLR	HY/2011/03	2013-09-30	Mid-Flood	Cloudy	SR10A	17:43:14	5.6	Bottom	3	1	27.92	7.84	30.47	82	5.42	4.4	5	
HKLR	HY/2011/03	2013-09-30	Mid-Flood	Cloudy	SR10A	17:42:44	5.6	Bottom	3	2	27.91	7.83	30.48	82.2	5.44	4.3	5.9	

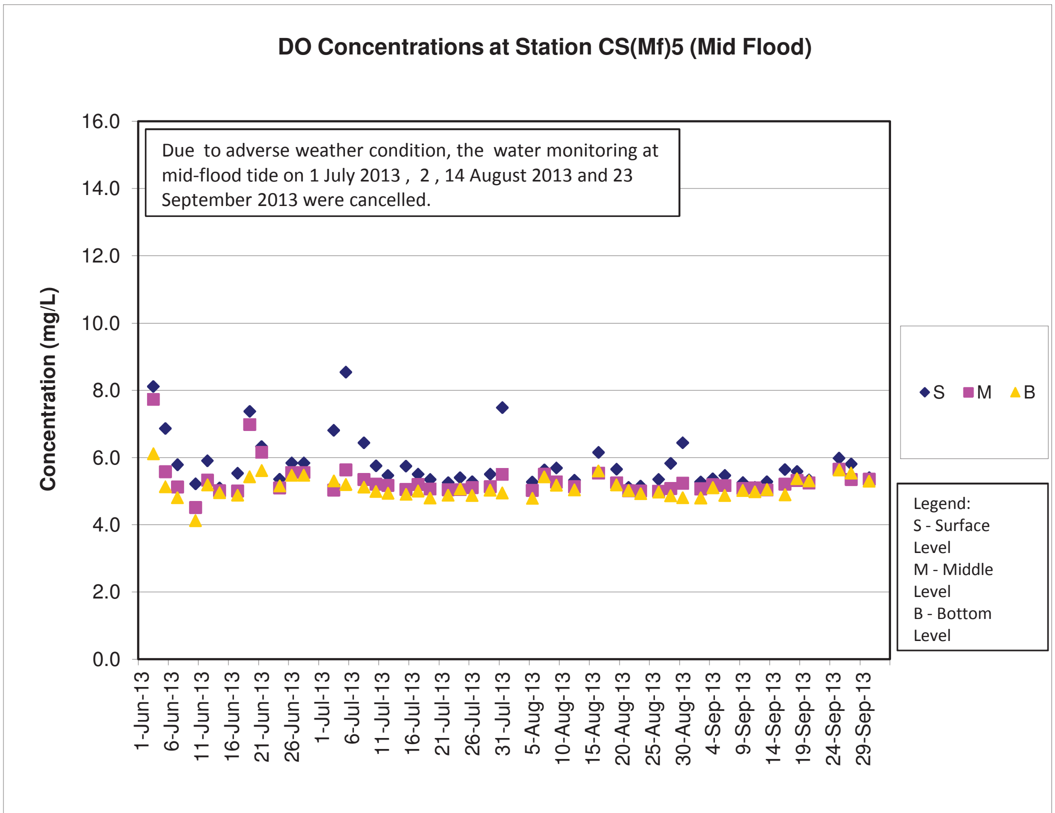
Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L	Site Observation
HKLR	HY/2011/03	2013-09-30	Mid-Flood	Cloudy	SR10B	17:52:14	1.0	Surface	1	1	27.92	7.84	30.22	81.6	5.4	3.7	3	
HKLR	HY/2011/03	2013-09-30	Mid-Flood	Cloudy	SR10B	17:51:52	1.0	Surface	1	2	27.9	7.84	30.16	81.6	5.41	3.8	4.5	
HKLR	HY/2011/03	2013-09-30	Mid-Flood	Cloudy	SR10B	17:52:02	3.8	Bottom	3	1	27.93	7.84	30.38	81.6	5.4	4.3	2.6	
HKLR	HY/2011/03	2013-09-30	Mid-Flood	Cloudy	SR10B	17:51:41	3.8	Bottom	3	2	27.93	7.84	30.36	81.7	5.41	4.4	2.4	
HKLR	HY/2011/03	2013-09-30	Mid-Flood	Cloudy	CS2	17:19:27	1.0	Surface	1	1	27.41	8.11	28.27	91.4	6.18	4.8	3.4	
HKLR	HY/2011/03	2013-09-30	Mid-Flood	Cloudy	CS2	17:18:43	1.0	Surface	1	2	27.41	8.01	28.27	92	6.22	4.2	3.6	
HKLR	HY/2011/03	2013-09-30	Mid-Flood	Cloudy	CS2	17:18:28	3.5	Middle	2	1	27.43	7.94	28.28	90.4	6.11	6.5	4.2	
HKLR	HY/2011/03	2013-09-30	Mid-Flood	Cloudy	CS2	17:19:15	3.5	Middle	2	2	27.46	8.1	28.25	89.4	6.03	6.8	4.8	
HKLR	HY/2011/03	2013-09-30	Mid-Flood	Cloudy	CS2	17:19:04	6.0	Bottom	3	1	27.76	8.06	29.39	89.2	5.95	12.1	4.6	
HKLR	HY/2011/03	2013-09-30	Mid-Flood	Cloudy	CS2	17:18:13	6.0	Bottom	3	2	27.7	7.79	29.11	89	5.95	11.2	4.2	
HKLR	HY/2011/03	2013-09-30	Mid-Flood	Cloudy	CS(Mf)5	17:02:44	1.0	Surface	1	1	27.79	7.83	29.01	81.6	5.41	4.5	3.1	
HKLR	HY/2011/03	2013-09-30	Mid-Flood	Cloudy	CS(Mf)5	17:02:09	1.0	Surface	1	2	27.82	7.82	29.18	81.2	5.41	4.4	3	
HKLR	HY/2011/03	2013-09-30	Mid-Flood	Cloudy	CS(Mf)5	17:02:32	6.3	Middle	2	1	28.03	7.83	30.25	81	5.36	7.1	4.3	
HKLR	HY/2011/03	2013-09-30	Mid-Flood	Cloudy	CS(Mf)5	17:01:57	6.3	Middle	2	2	28.02	7.82	30.19	81.1	5.36	6.9	5.1	
HKLR	HY/2011/03	2013-09-30	Mid-Flood	Cloudy	CS(Mf)5	17:02:21	11.6	Bottom	3	1	27.99	7.82	30.54	80.2	5.3	8.9	4.6	
HKLR	HY/2011/03	2013-09-30	Mid-Flood	Cloudy	CS(Mf)5	17:01:46	11.6	Bottom	3	2	27.99	7.81	30.6	80.2	5.3	9.3	4.8	


DO Concentrations at Station CS2 (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide on 2, 14, 30 August 2013 and 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-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-13
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

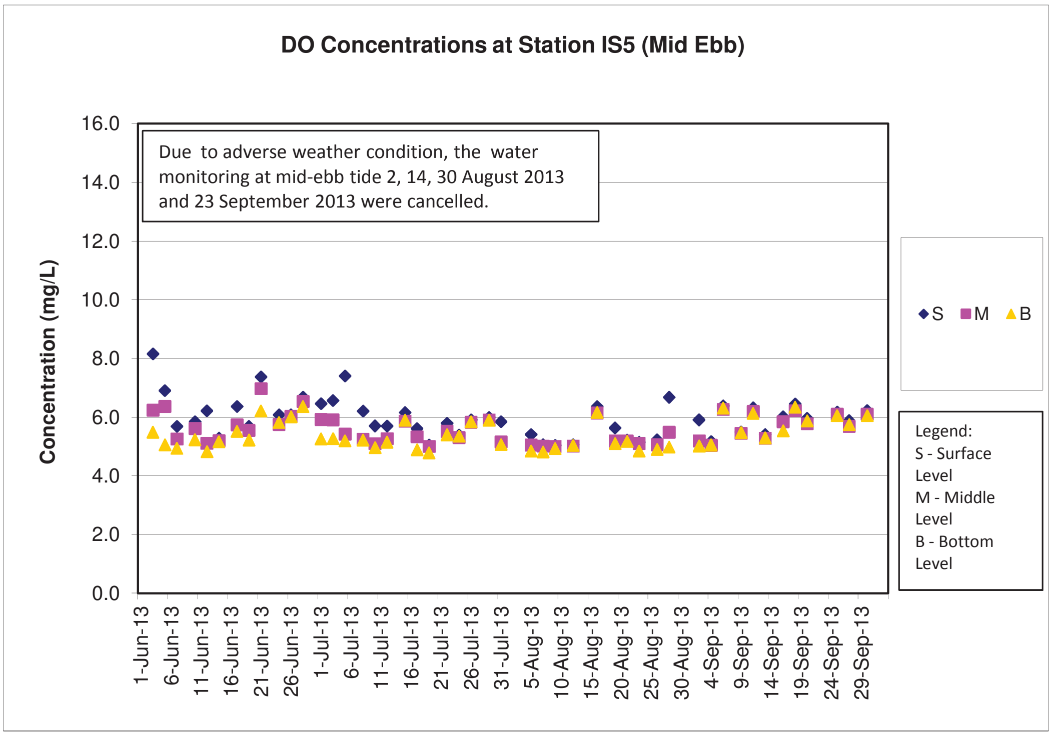

DO Concentrations at Station CS2 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 24 June 2013, 2, 14 August 2013 and 23 September 2013 were cancelled.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-13
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

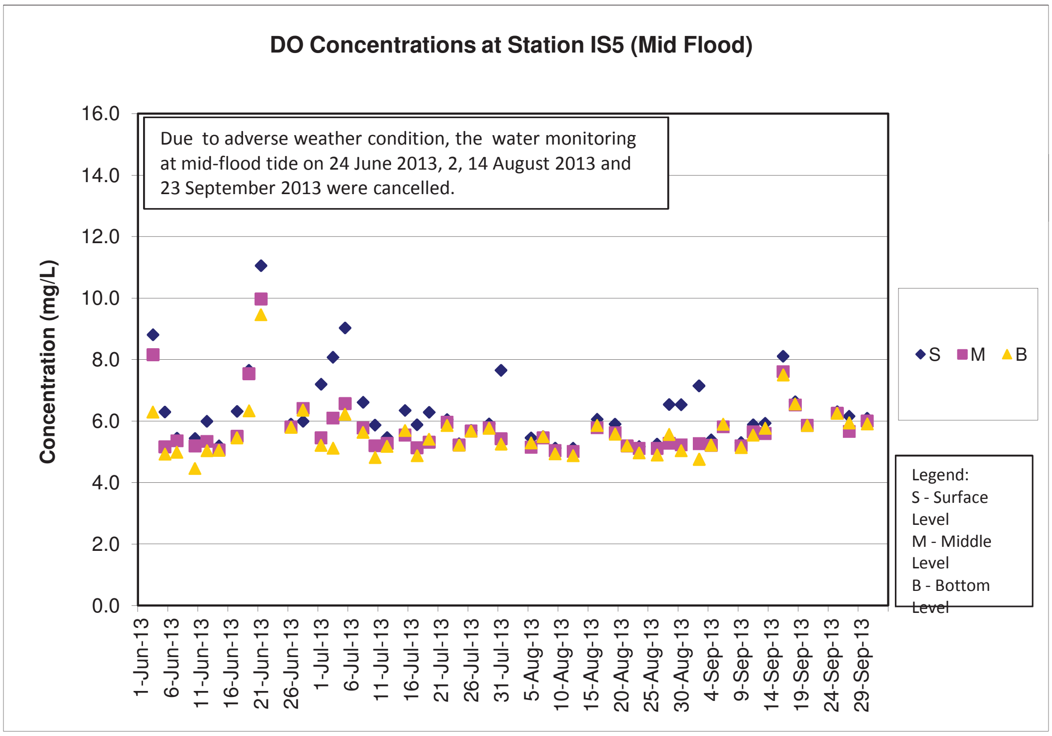


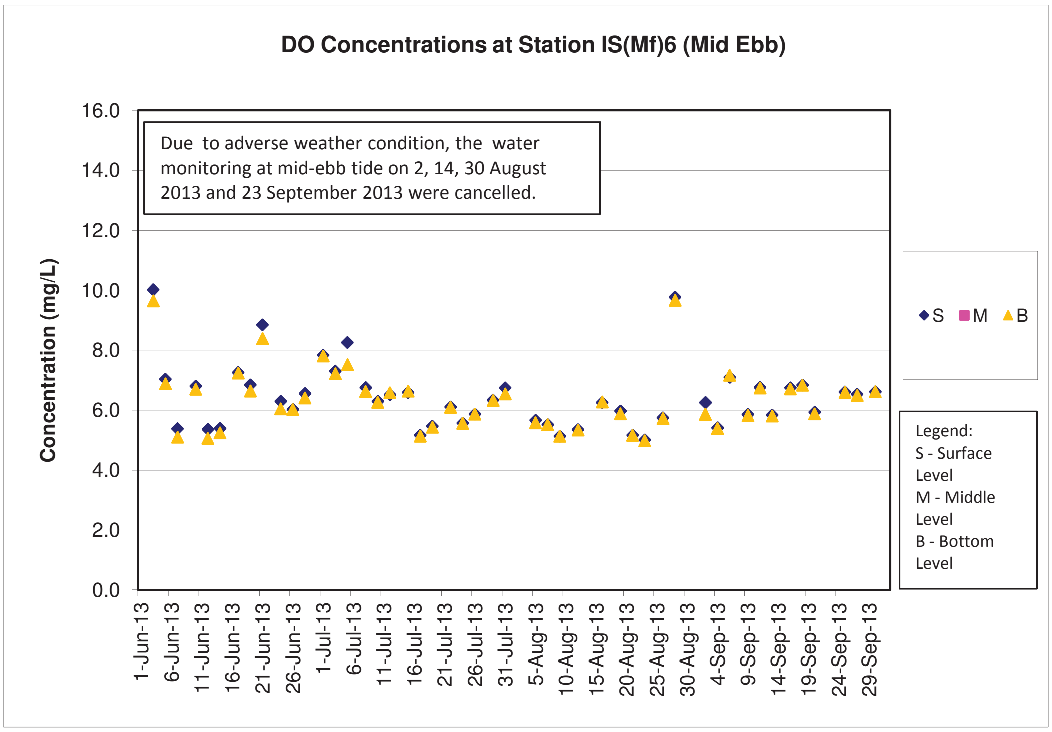
DO Concentrations at Station CS(Mf)5 (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide on 2, 14, 30 August 2013 and 23 September 2013 were cancelled.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-13
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

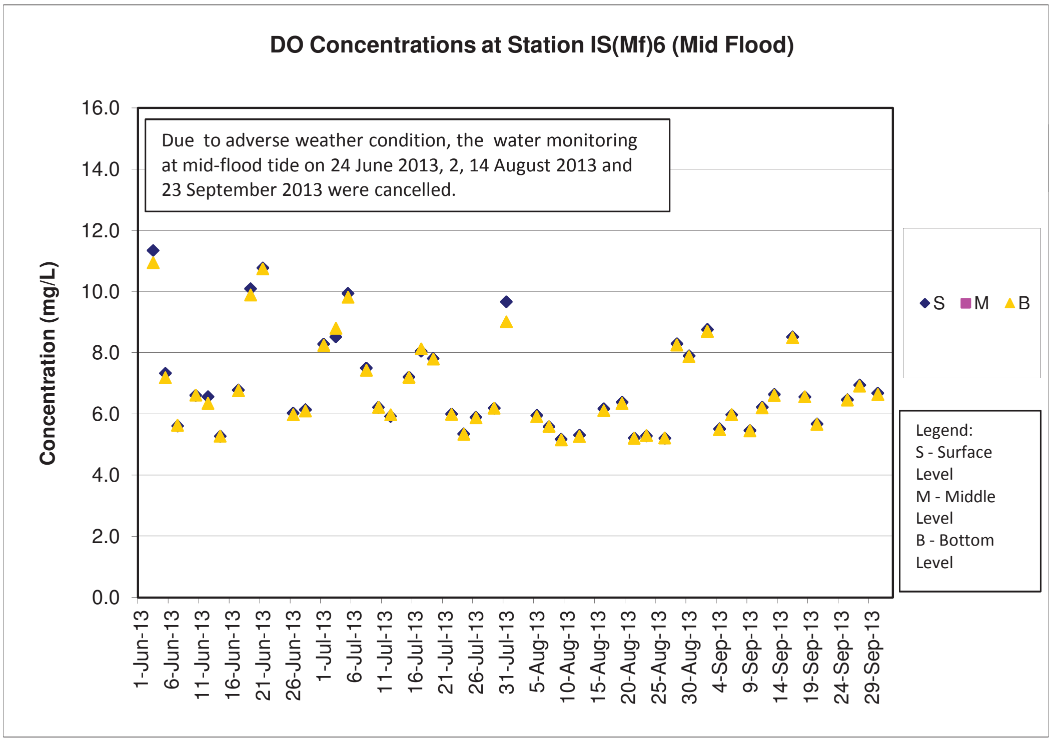


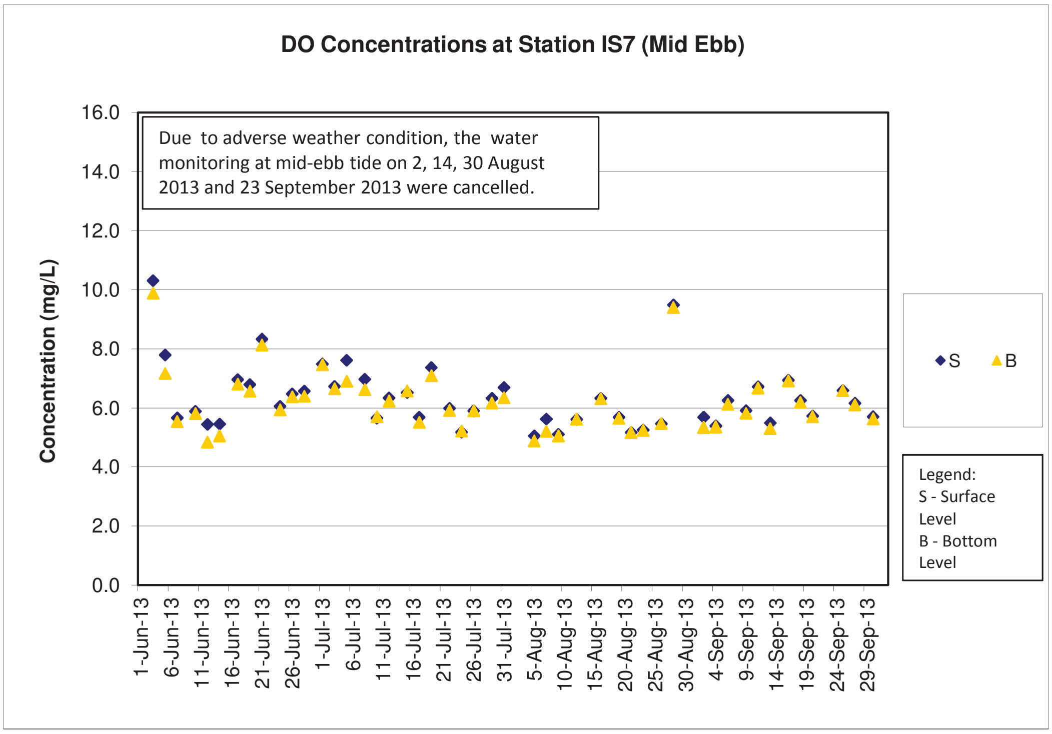
DO Concentrations at Station CS(Mf)5 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 1 July 2013 , 2 , 14 August 2013 and 23 September 2013 were cancelled.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-13
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

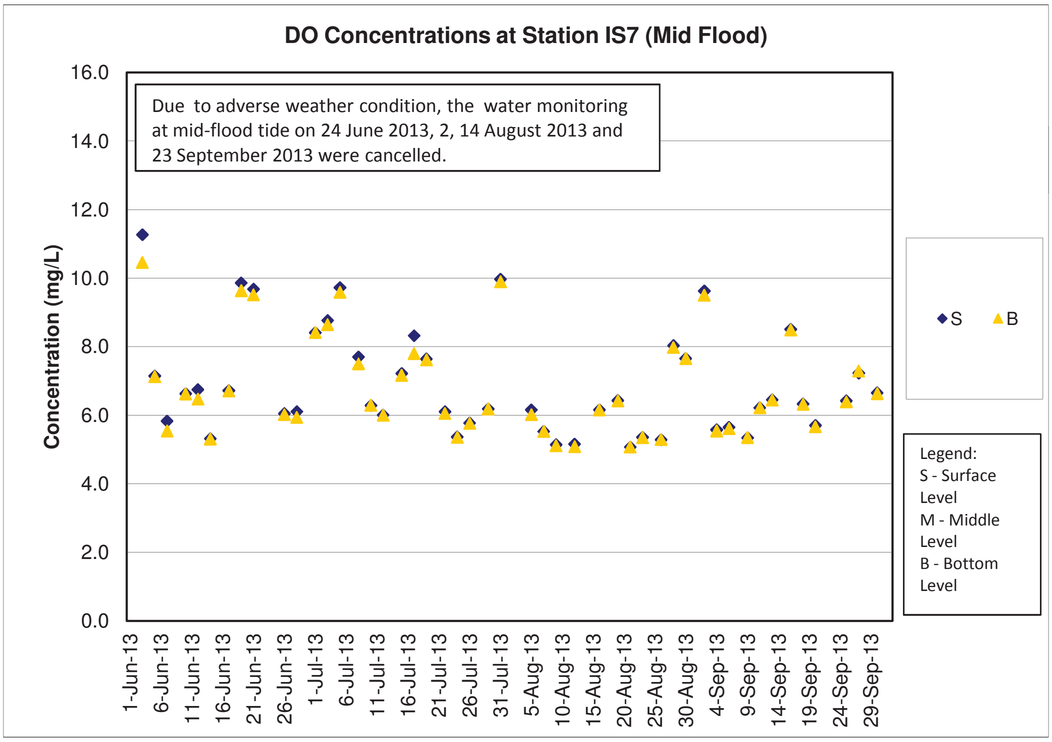

DO Concentrations at Station IS5 (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide 2, 14, 30 August 2013 and 23 September 2013 were cancelled.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-13
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

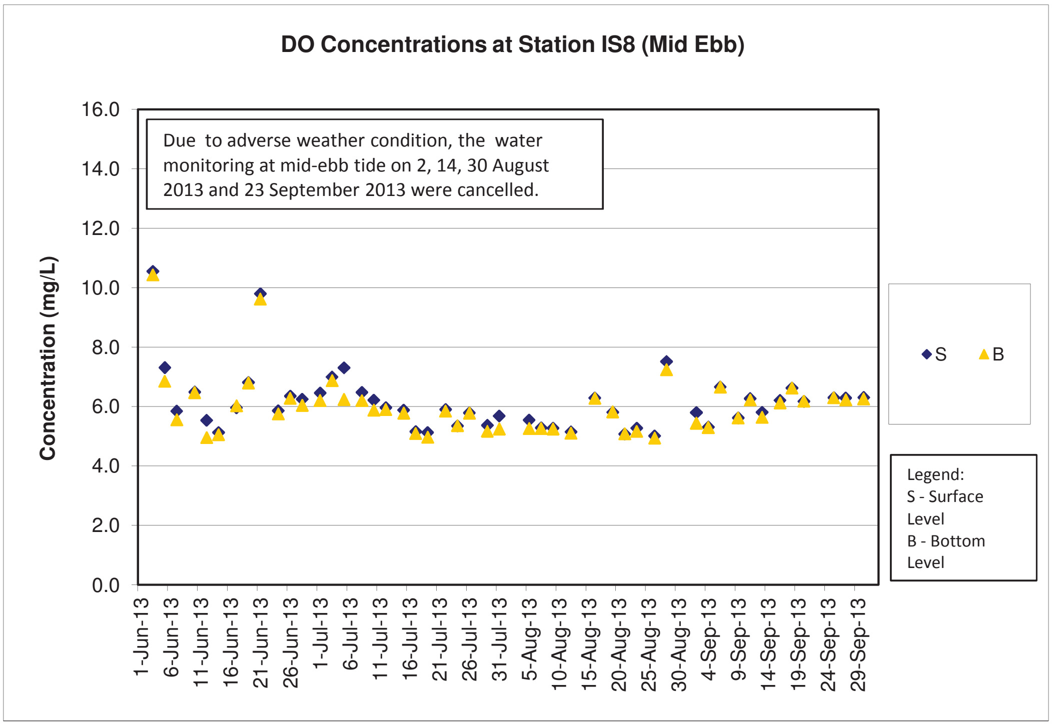

DO Concentrations at Station IS5 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 24 June 2013, 2, 14 August 2013 and 23 September 2013 were cancelled.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-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 2, 14, 30 August 2013 and 23 September 2013 were cancelled.
Concentration (mg/L)
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

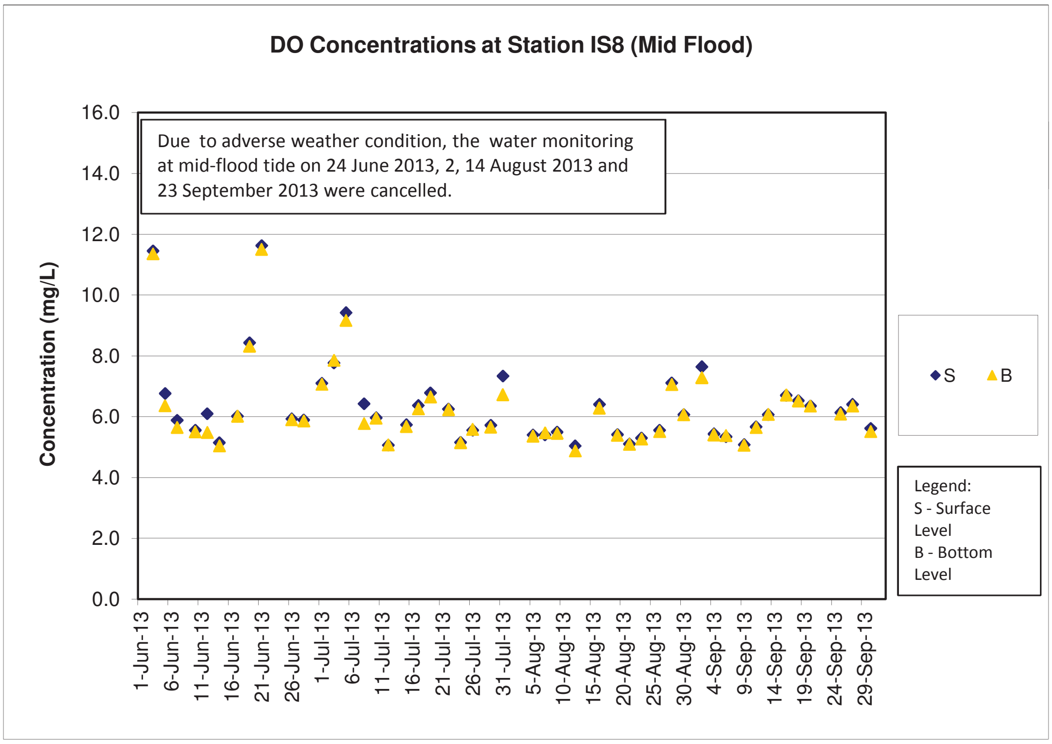

DO Concentrations at Station IS(Mf)6 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 24 June 2013, 2, 14 August 2013 and 23 September 2013 were cancelled.
Concentration (mg/L)
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


DO Concentrations at Station IS7 (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide on 2, 14, 30 August 2013 and 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-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-13
S
B
Legend:
S - Surface Level
B - Bottom Level

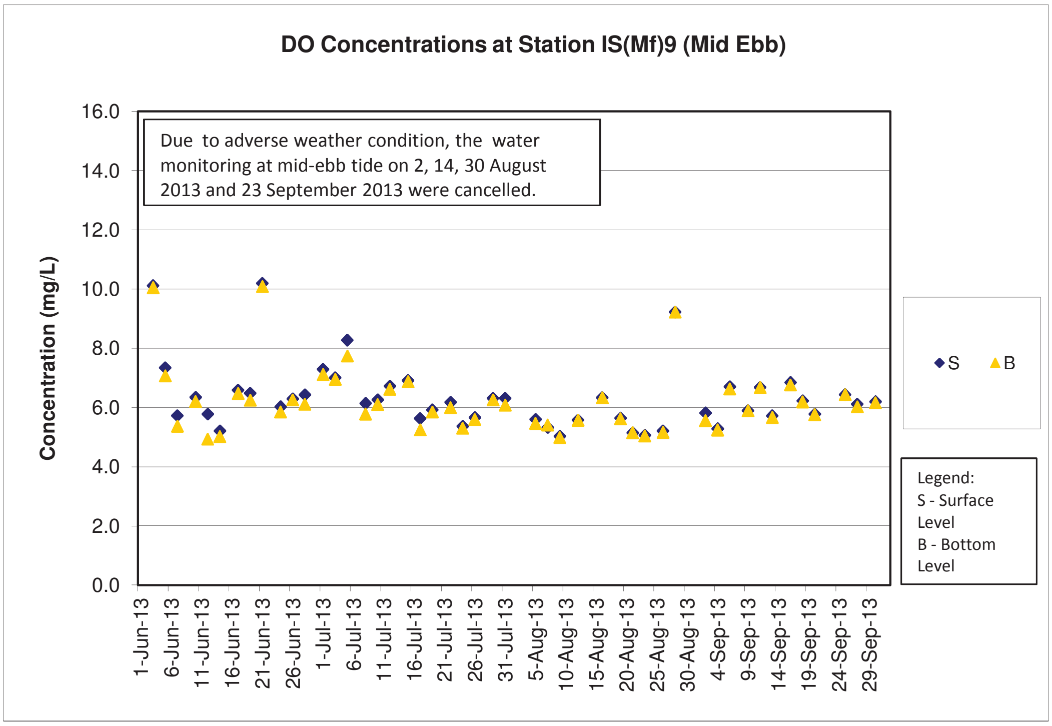

DO Concentrations at Station IS7 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 24 June 2013, 2, 14 August 2013 and 23 September 2013 were cancelled.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-13
S
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level



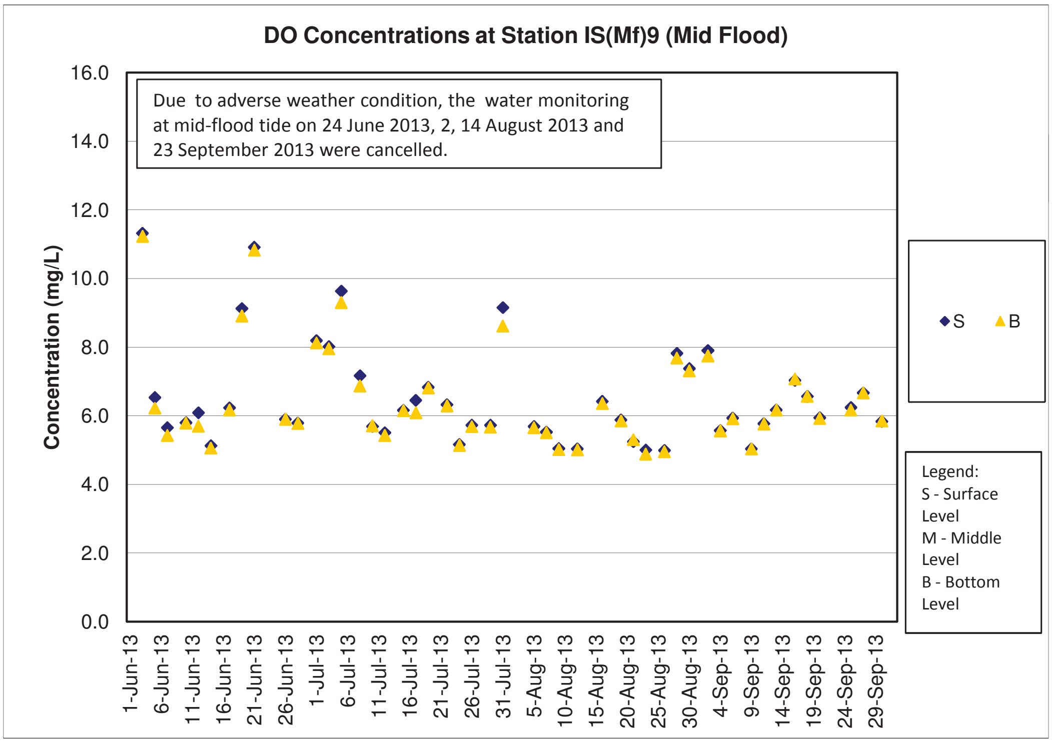
DO Concentrations at Station IS8 (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide on 2, 14, 30 August 2013 and 23 September 2013 were cancelled.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-13
S
B
Legend:
S - Surface Level
B - Bottom Level



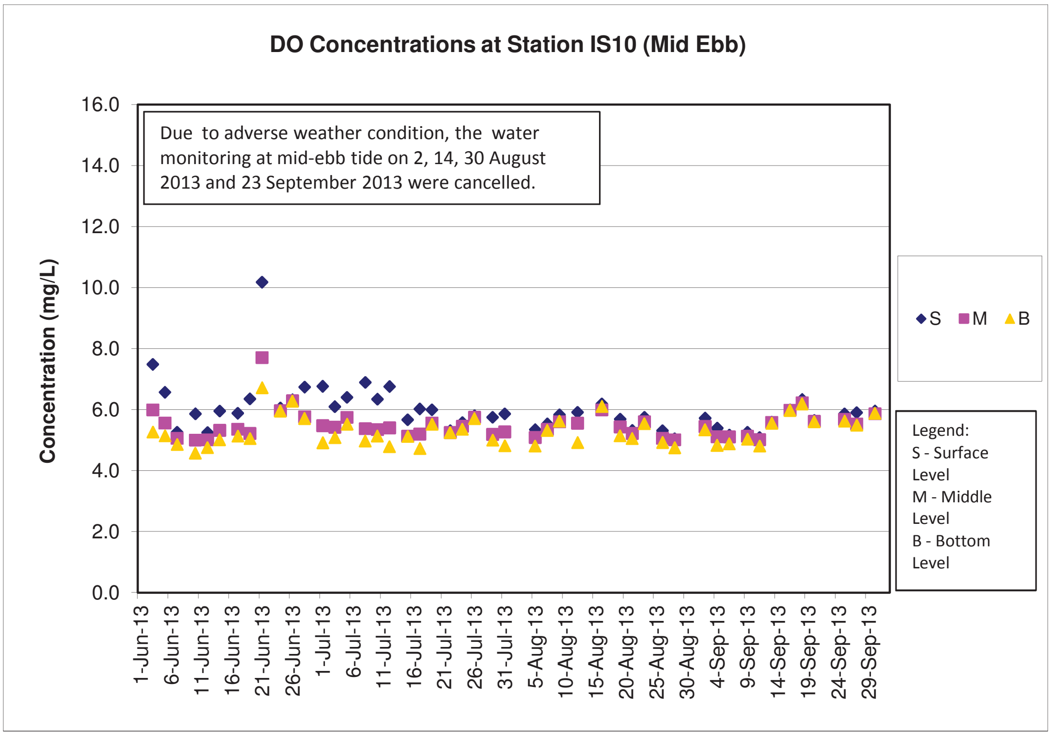
DO Concentrations at Station IS8 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 24 June 2013, 2, 14 August 2013 and 23 September 2013 were cancelled.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-13
S
B
Legend:
S - Surface Level
B - Bottom Level

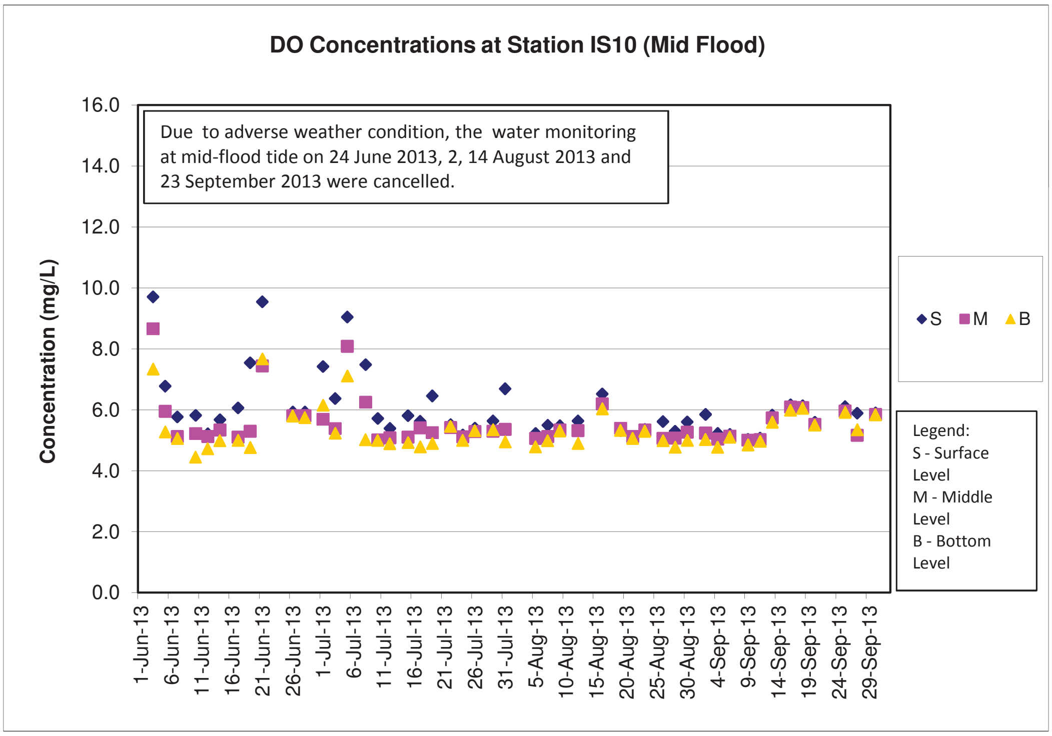


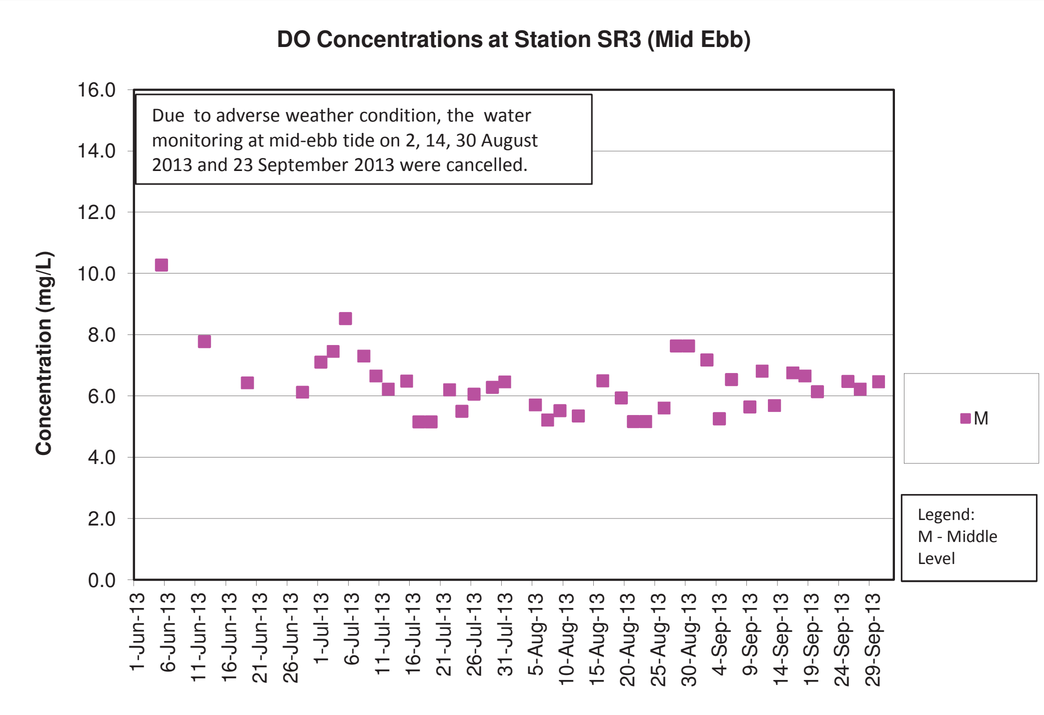
DO Concentrations at Station IS(Mf)9 (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide on 2, 14, 30 August 2013 and 23 September 2013 were cancelled.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-13
S
B
Legend:
S - Surface Level
B - Bottom Level

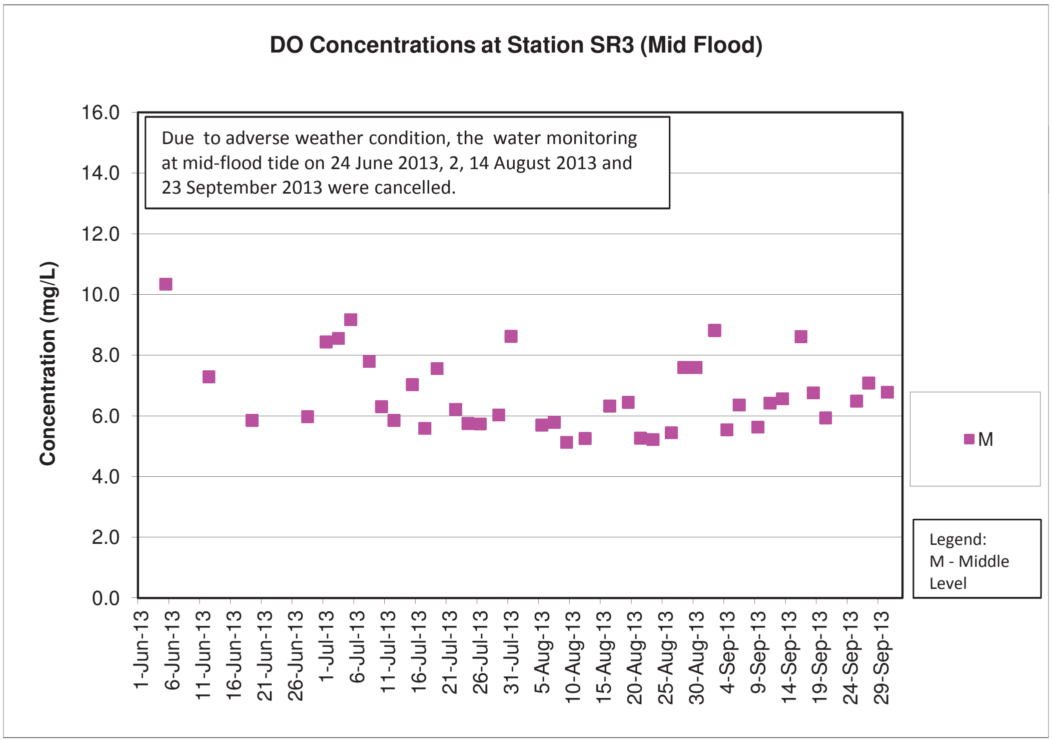


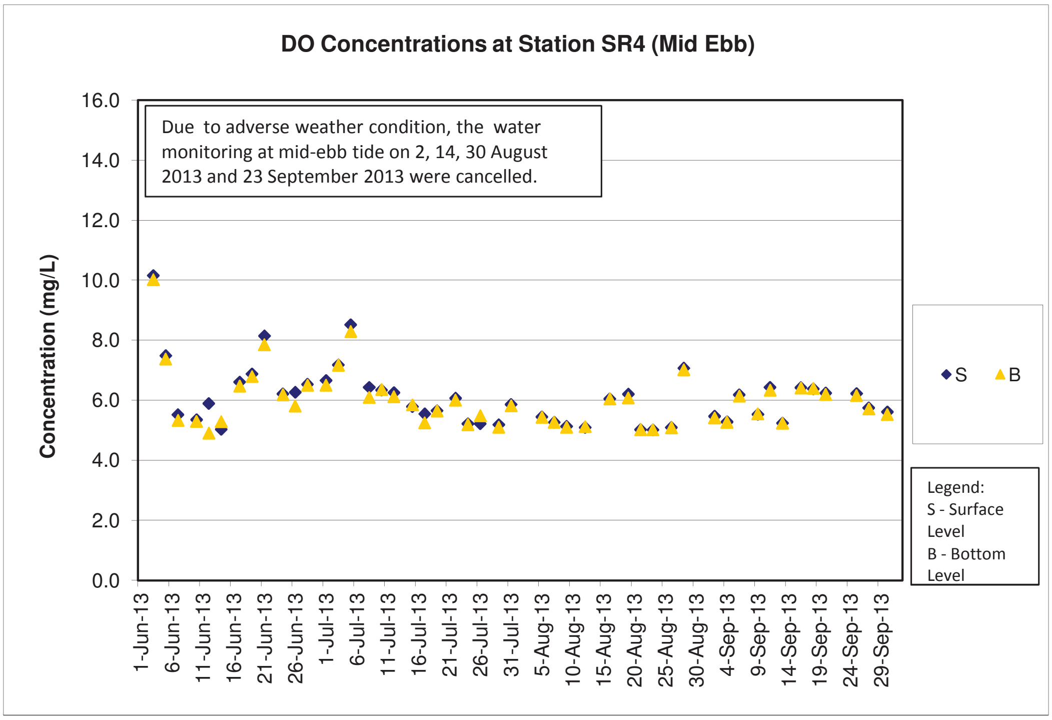
DO Concentrations at Station IS(Mf)9 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 24 June 2013, 2, 14 August 2013 and 23 September 2013 were cancelled.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-13
S
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

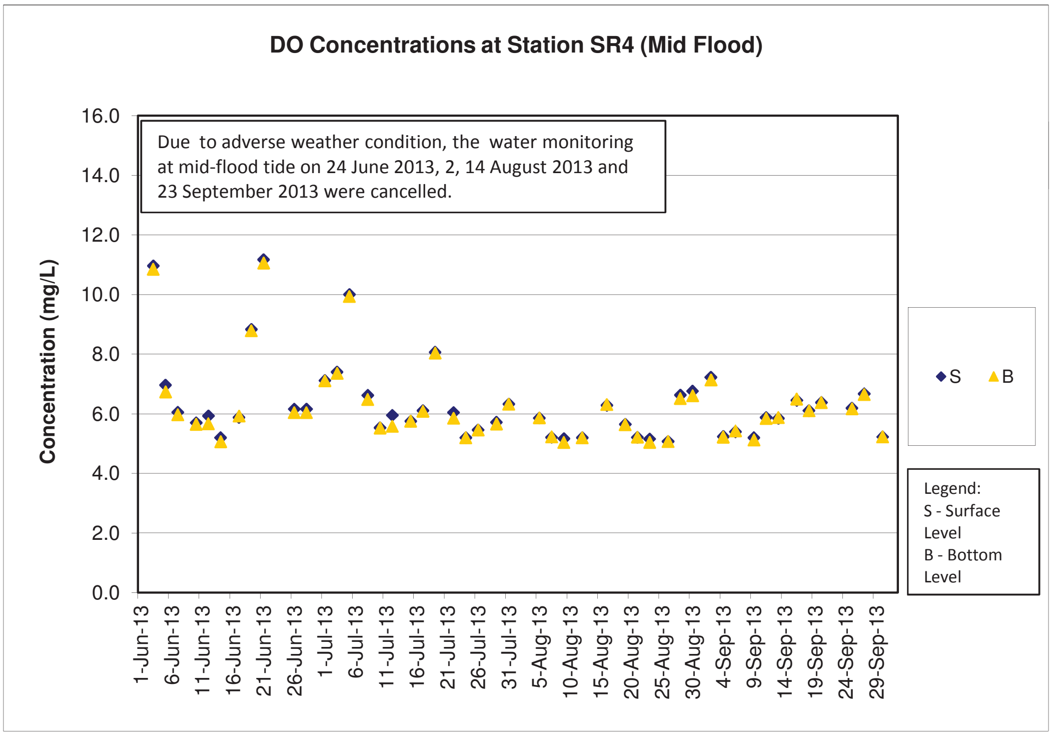

DO Concentrations at Station IS10 (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide on 2, 14, 30 August 2013 and 23 September 2013 were cancelled.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-13
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

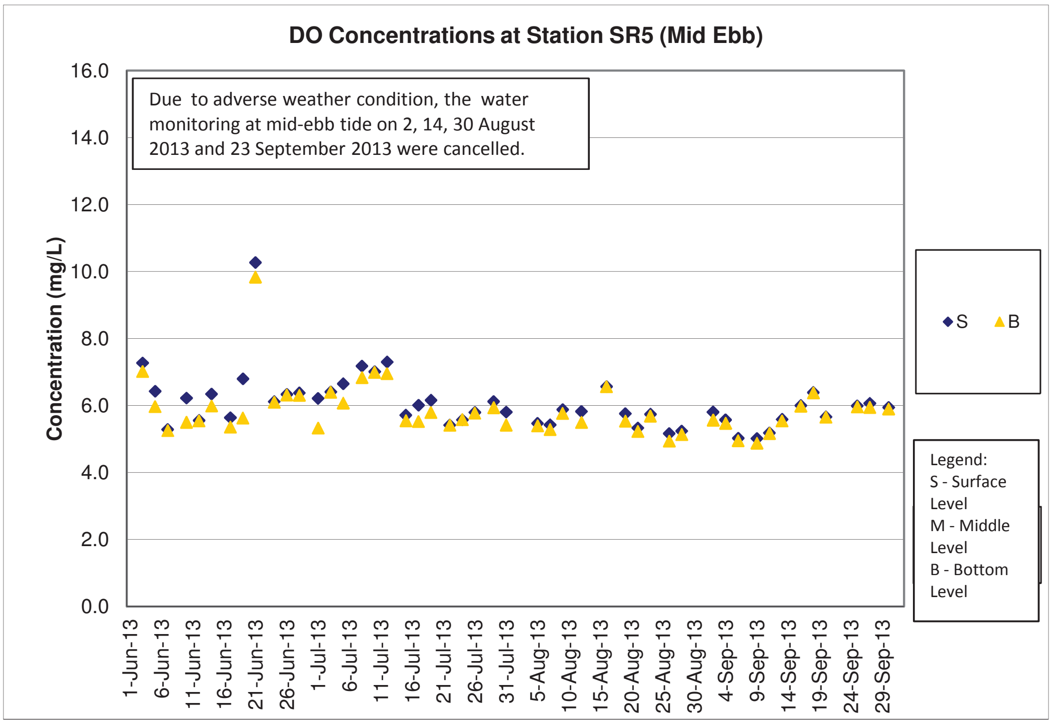

DO Concentrations at Station IS10 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 24 June 2013, 2, 14 August 2013 and 23 September 2013 were cancelled.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-13
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

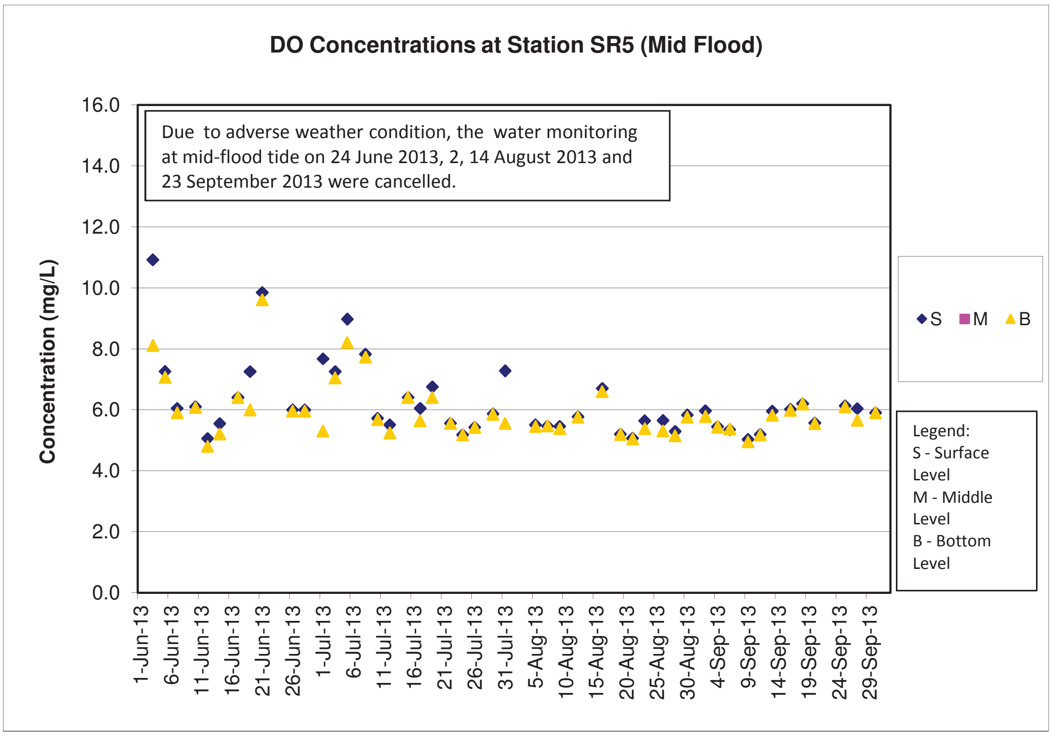

DO Concentrations at Station SR3 (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide on 2, 14, 30 August 2013 and 23 September 2013 were cancelled.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-13
M
Legend:
M - Middle Level

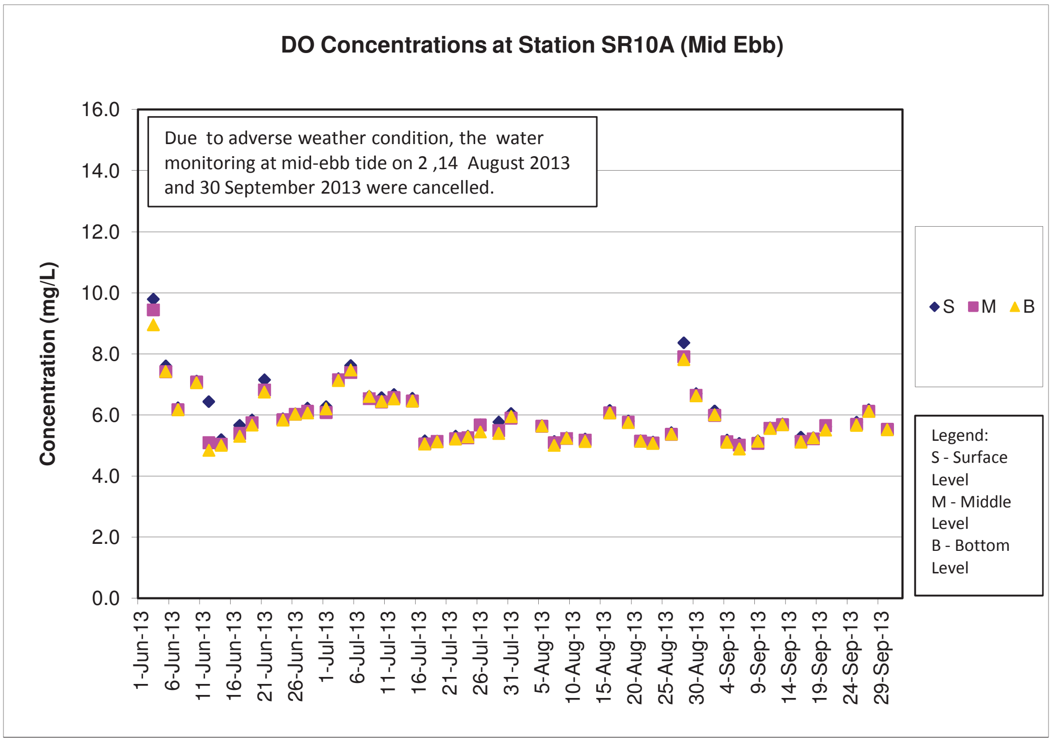

DO Concentrations at Station SR3 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 24 June 2013, 2, 14 August 2013 and 23 September 2013 were cancelled.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-13
M
Legend:
M - Middle Level

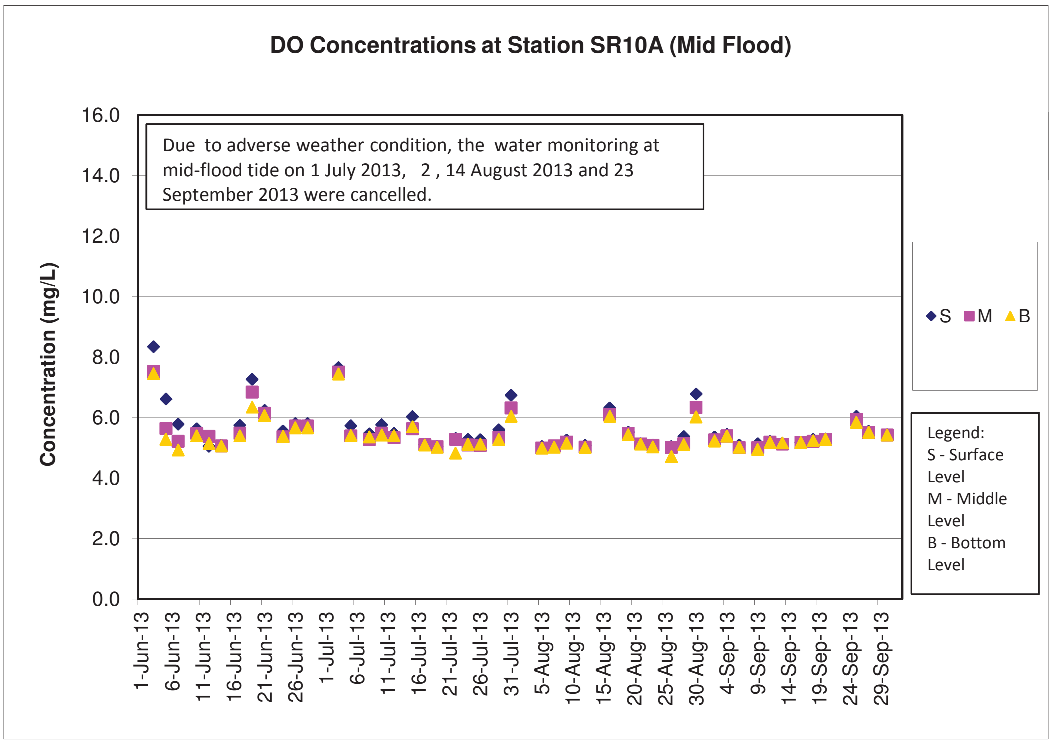

DO Concentrations at Station SR4 (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide on 2, 14, 30 August 2013 and 23 September 2013 were cancelled.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-13
S
B
Legend:
S - Surface Level
B - Bottom Level

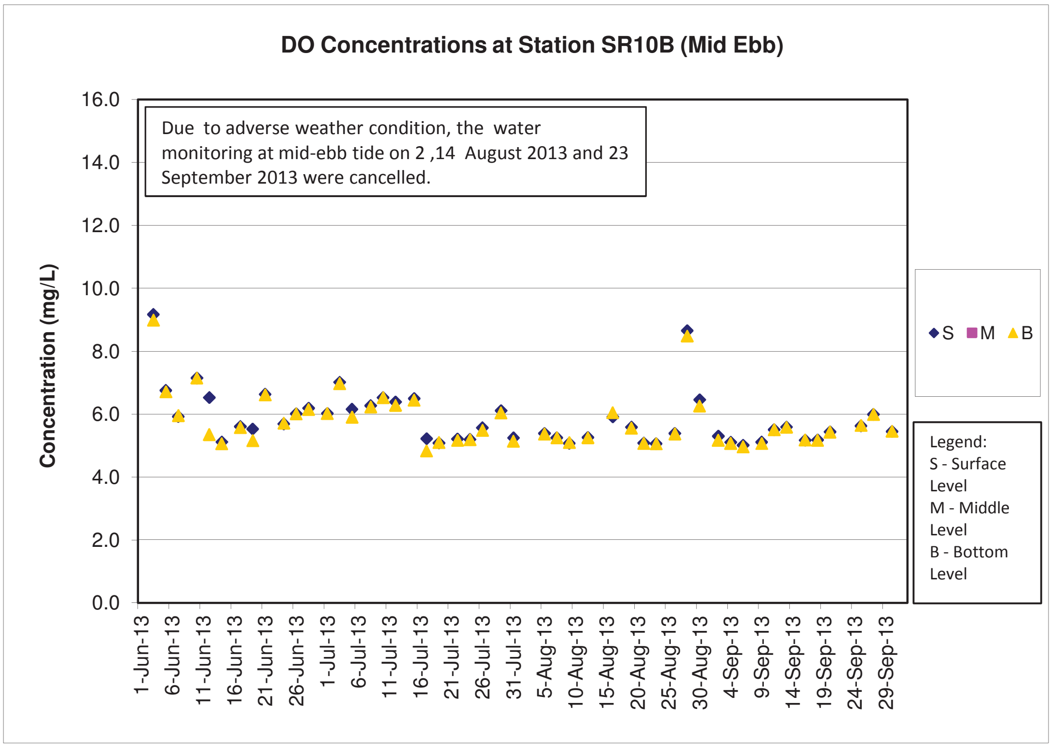

DO Concentrations at Station SR4 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 24 June 2013, 2, 14 August 2013 and 23 September 2013 were cancelled.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-13
S
B
Legend:
S - Surface Level
B - Bottom Level

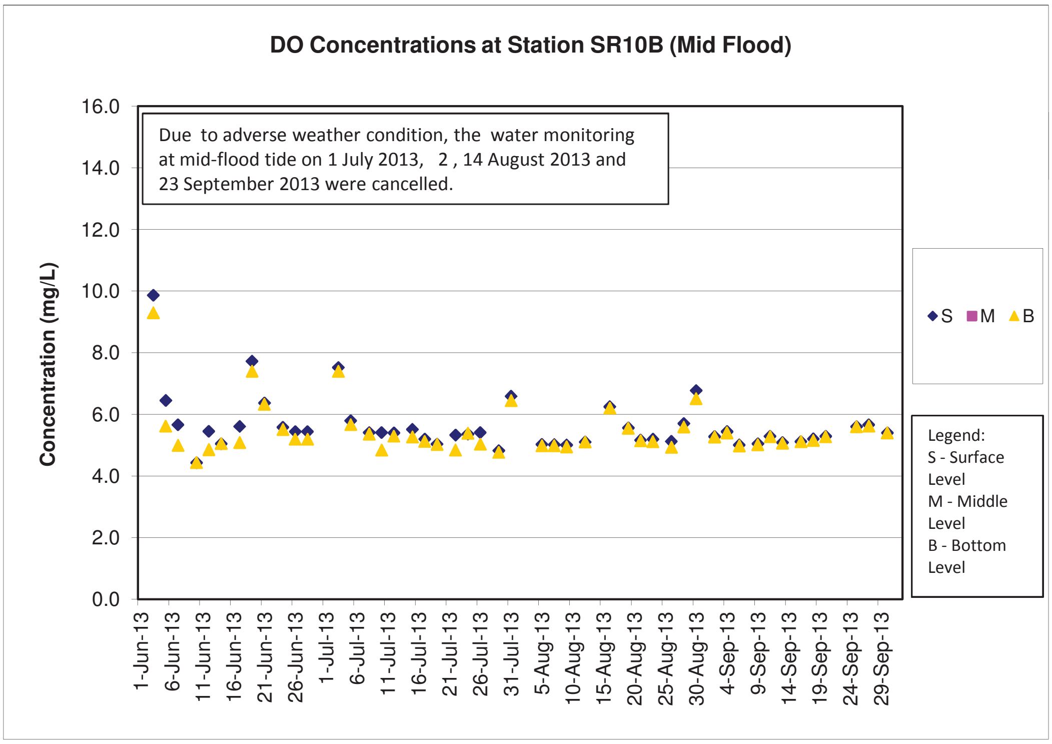

DO Concentrations at Station SR5 (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide on 2, 14, 30 August 2013 and 23 September 2013 were cancelled.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-13
S
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

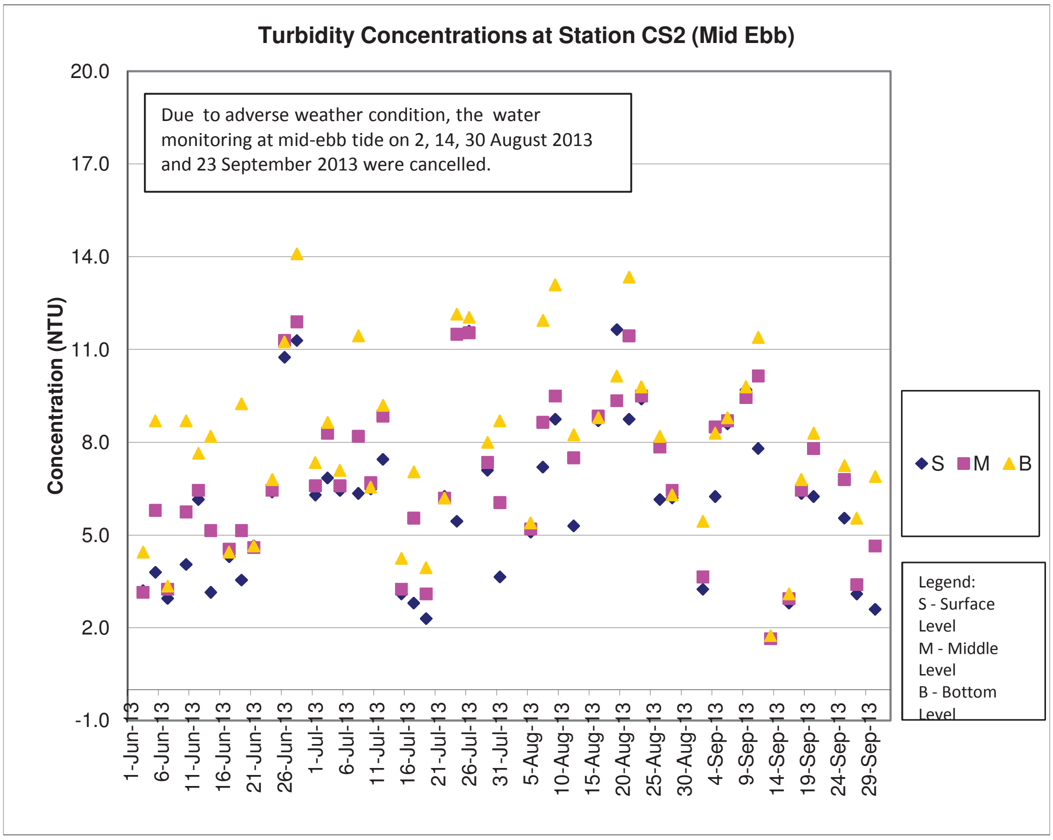

DO Concentrations at Station SR5 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 24 June 2013, 2, 14 August 2013 and 23 September 2013 were cancelled.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-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 2 ,14 August 2013 and 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-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-13
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

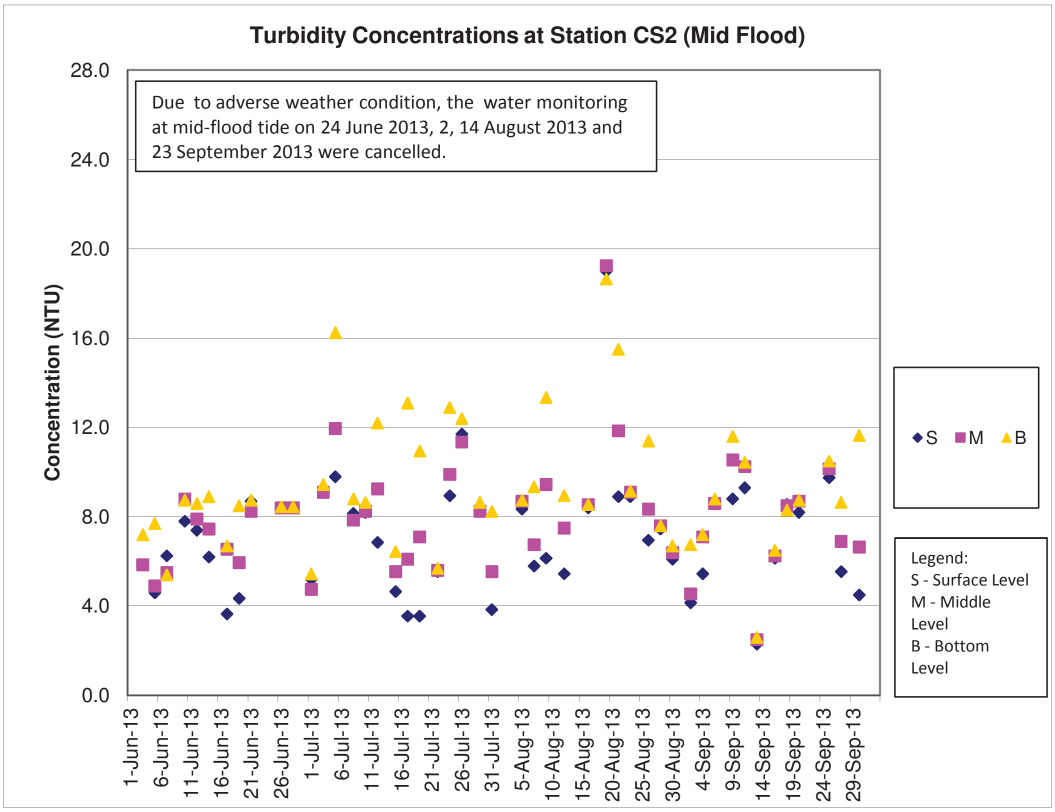

DO Concentrations at Station SR10A (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 1 July 2013, 2 , 14 August 2013 and 23 September 2013 were cancelled.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-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 2 ,14 August 2013 and 23 September 2013 were cancelled.
Concentration (mg/L)
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

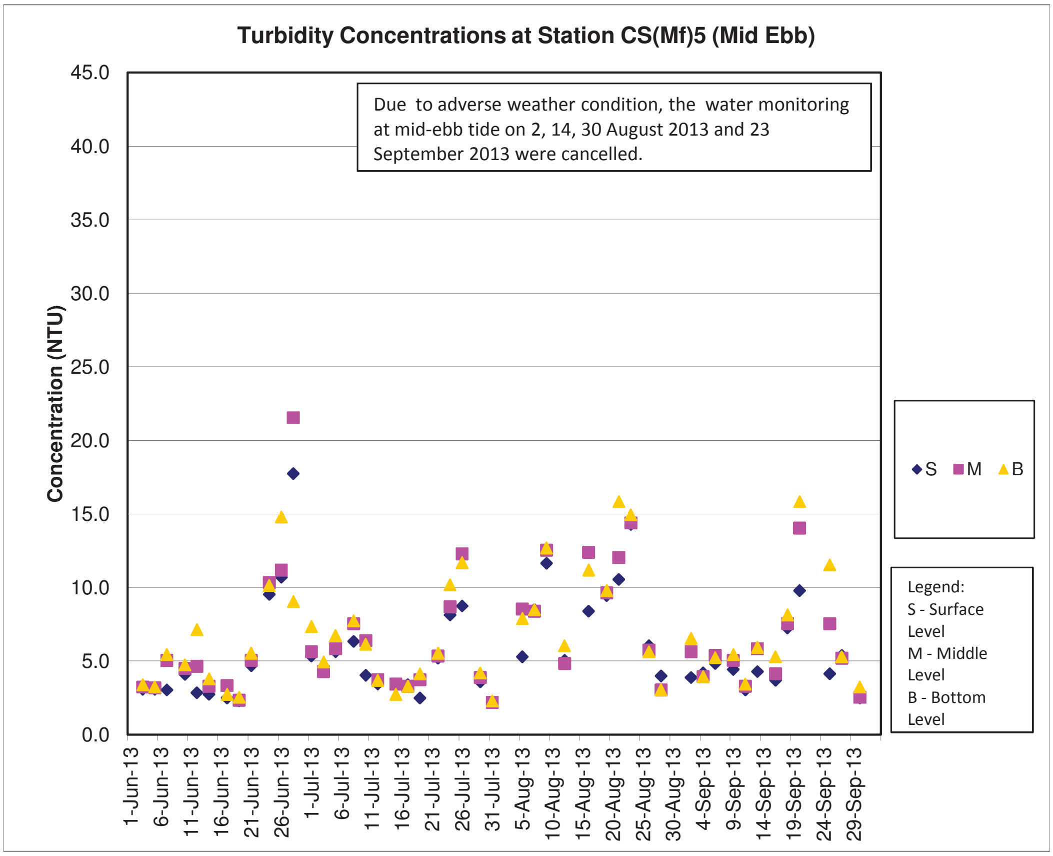

DO Concentrations at Station SR10B (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 1 July 2013, 2 , 14 August 2013 and 23 September 2013 were cancelled.
Concentration (mg/L)
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level



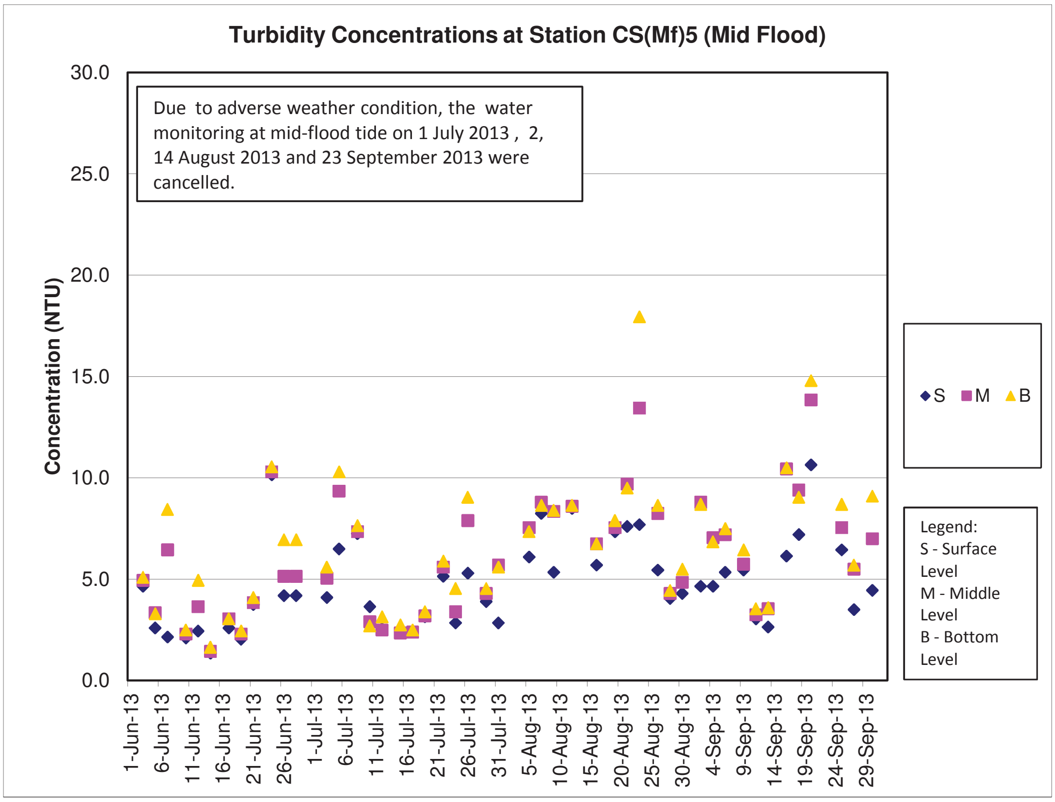
Turbidity Concentrations at Station CS2 (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide on 2, 14, 30 August 2013 and 23 September 2013 were cancelled.
Concentration (NTU)
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level



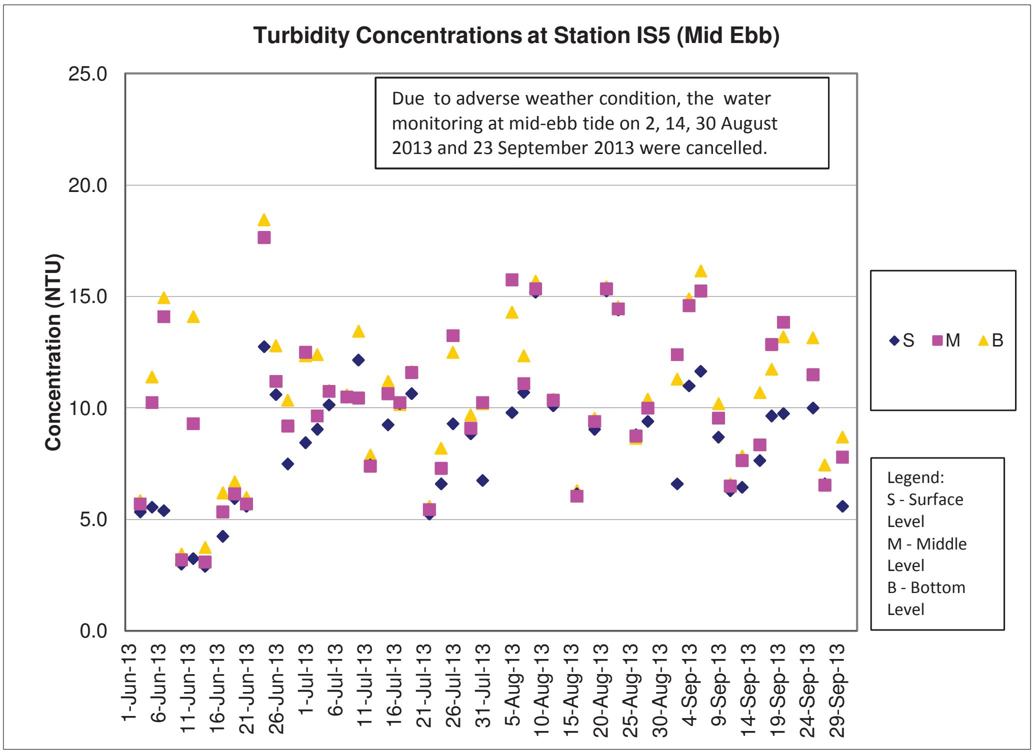
Turbidity Concentrations at Station CS2 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 24 June 2013, 2, 14 August 2013 and 23 September 2013 were cancelled.
Concentration (NTU)
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level



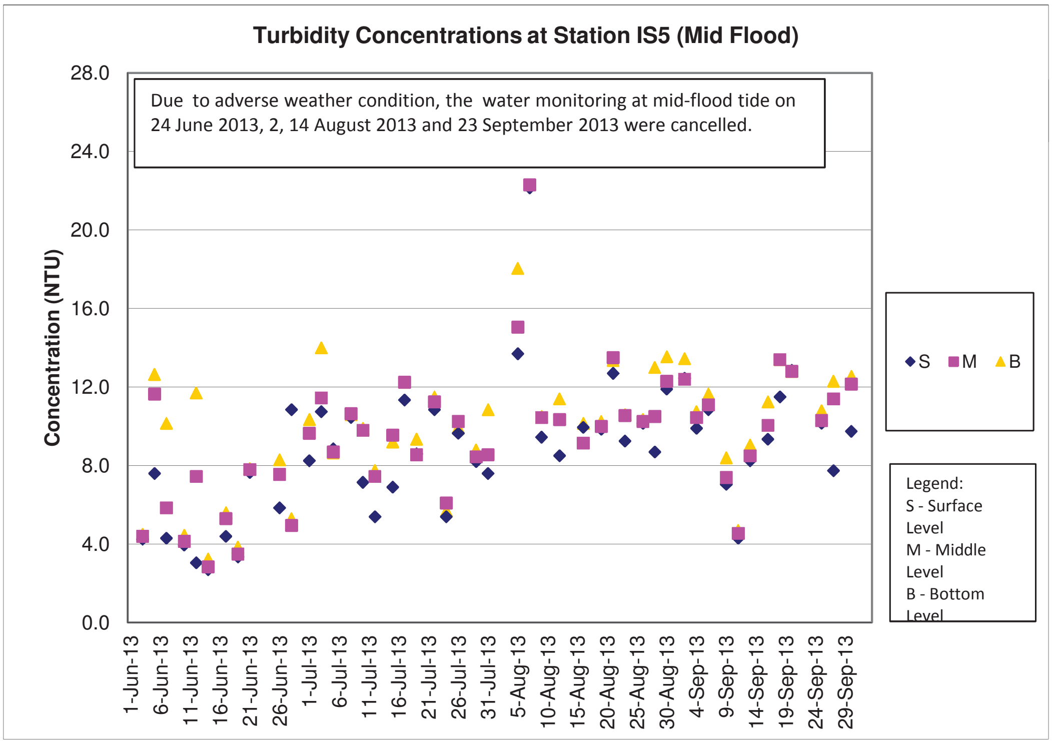
Turbidity Concentrations at Station CS(Mf)5 (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide on 2, 14, 30 August 2013 and 23 September 2013 were cancelled.
Concentration (NTU)
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-13
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level



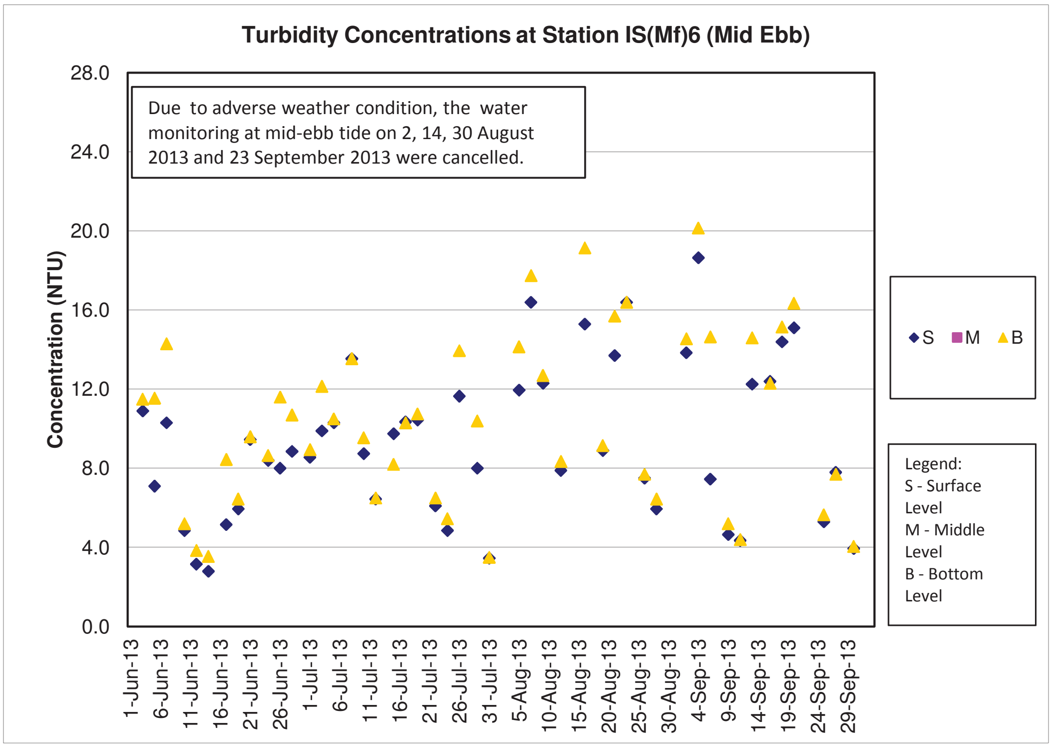
Turbidity Concentrations at Station CS(Mf)5 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 1 July 2013 , 2, 14 August 2013 and 23 September 2013 were cancelled.
Concentration (NTU)
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-13
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

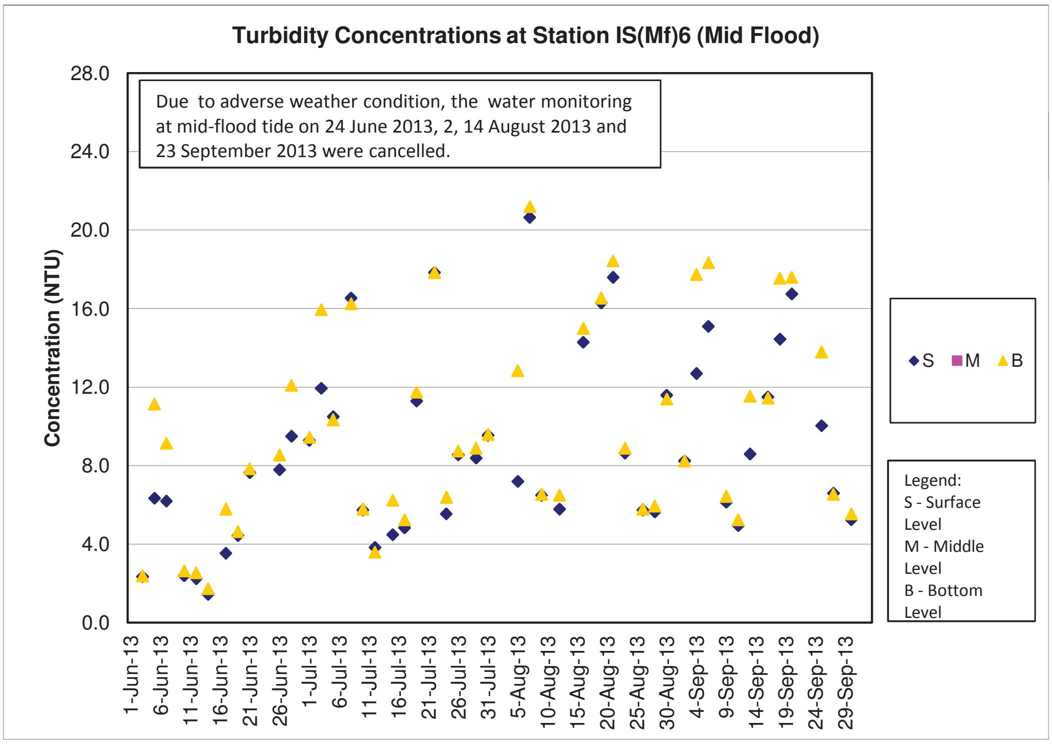


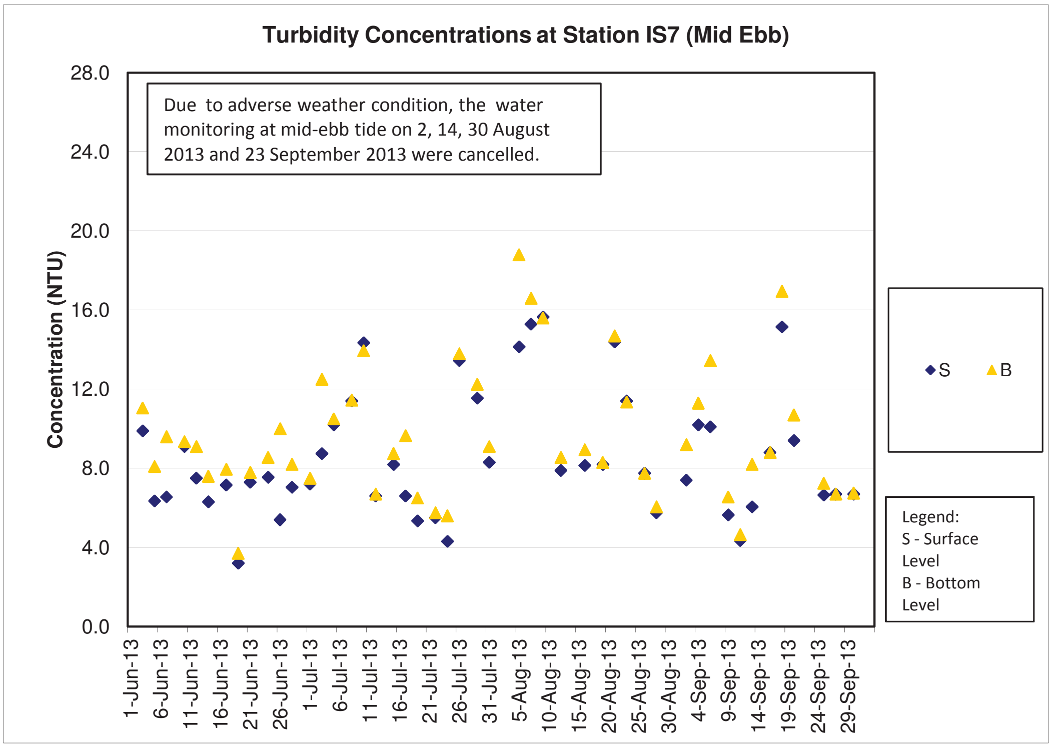
Turbidity Concentrations at Station IS5 (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide on 2, 14, 30 August 2013 and 23 September 2013 were cancelled.
Concentration (NTU)
25.0
20.0
15.0
10.0
5.0
0.0
1-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-13
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

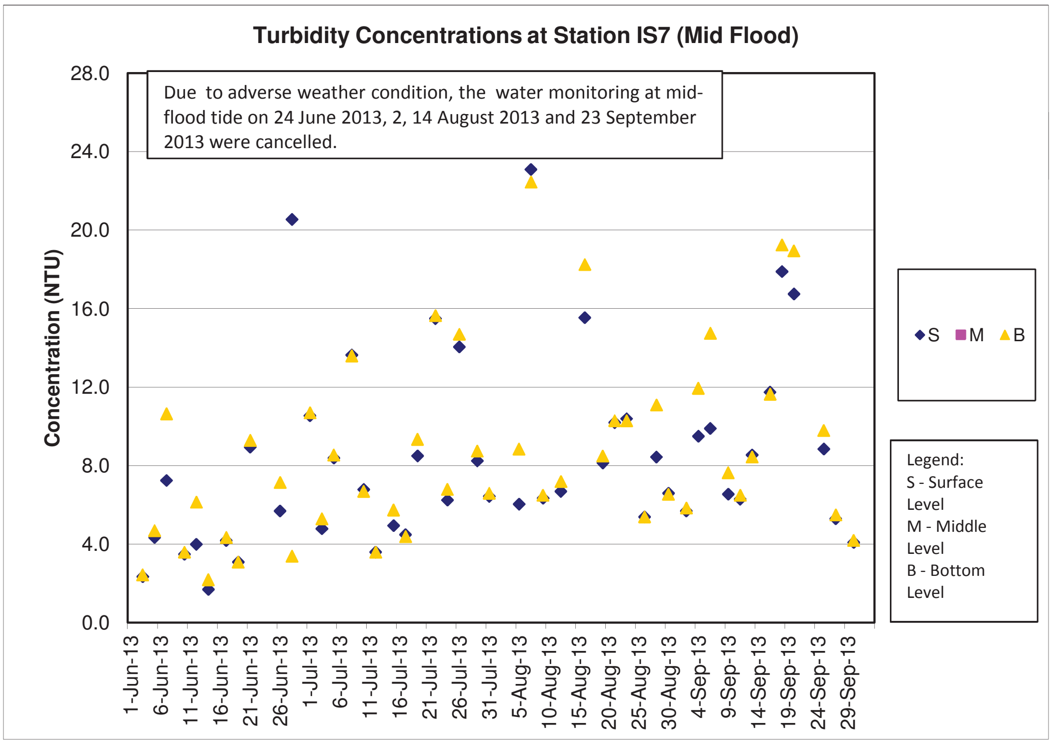


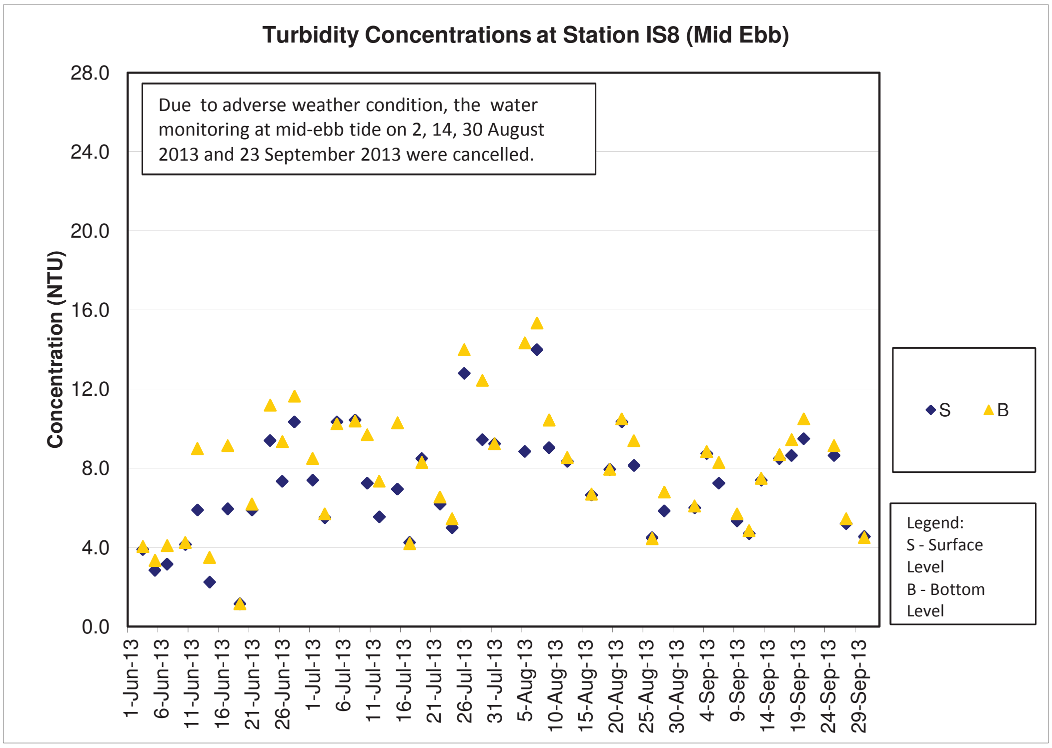
Turbidity Concentrations at Station IS5 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 24 June 2013, 2, 14 August 2013 and 23 September 2013 were cancelled.
Concentration (NTU)
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-13
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 2, 14, 30 August 2013 and 23 September 2013 were cancelled.
Concentration (NTU)
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

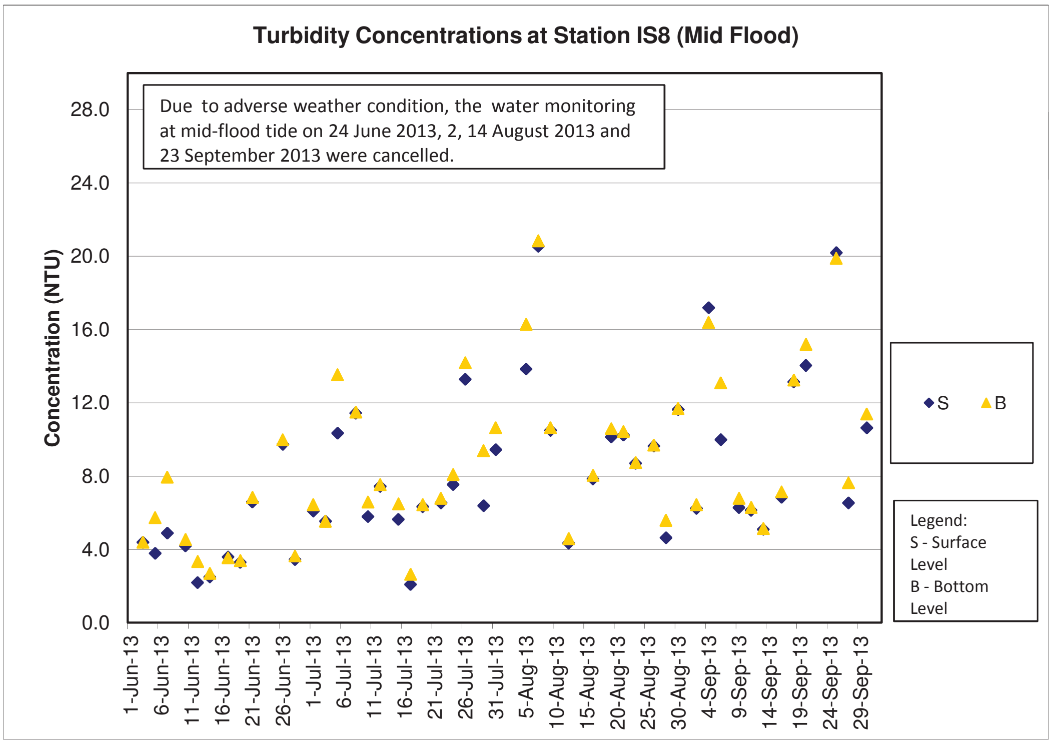

Turbidity Concentrations at Station IS(Mf)6 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 24 June 2013, 2, 14 August 2013 and 23 September 2013 were cancelled.
Concentration (NTU)
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


Turbidity Concentrations at Station IS7 (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide on 2, 14, 30 August 2013 and 23 September 2013 were cancelled.
Concentration (NTU)
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-13
S
B
Legend:
S - Surface Level
B - Bottom Level

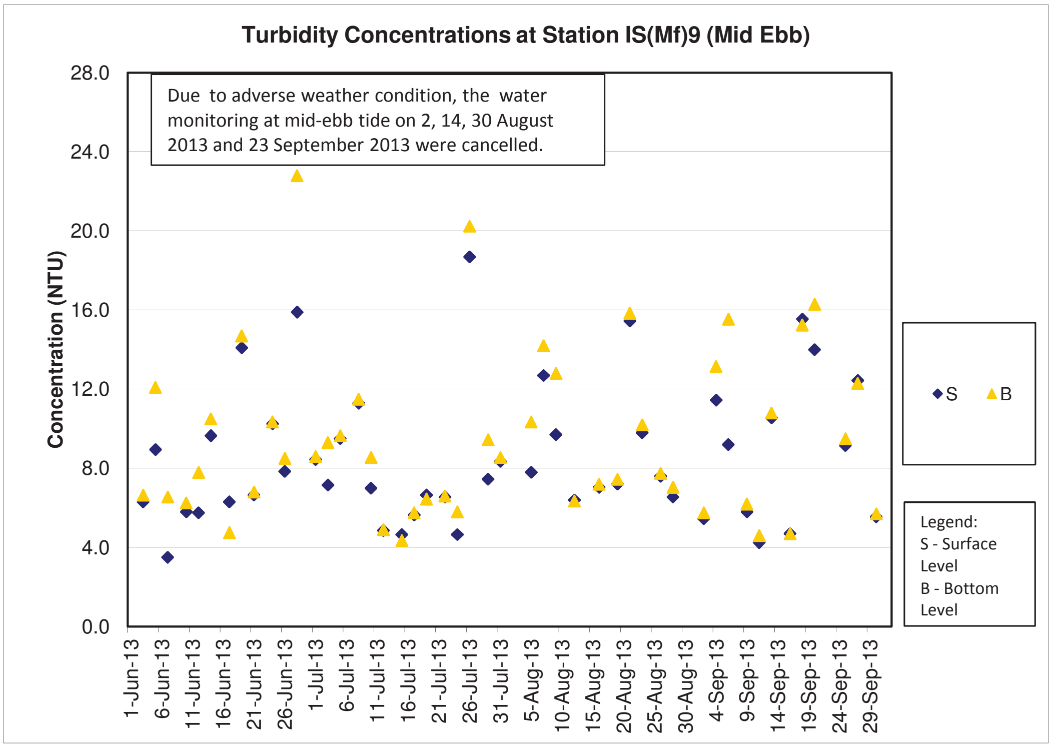

Turbidity Concentrations at Station IS7 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 24 June 2013, 2, 14 August 2013 and 23 September 2013 were cancelled.
Concentration (NTU)
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-13
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level



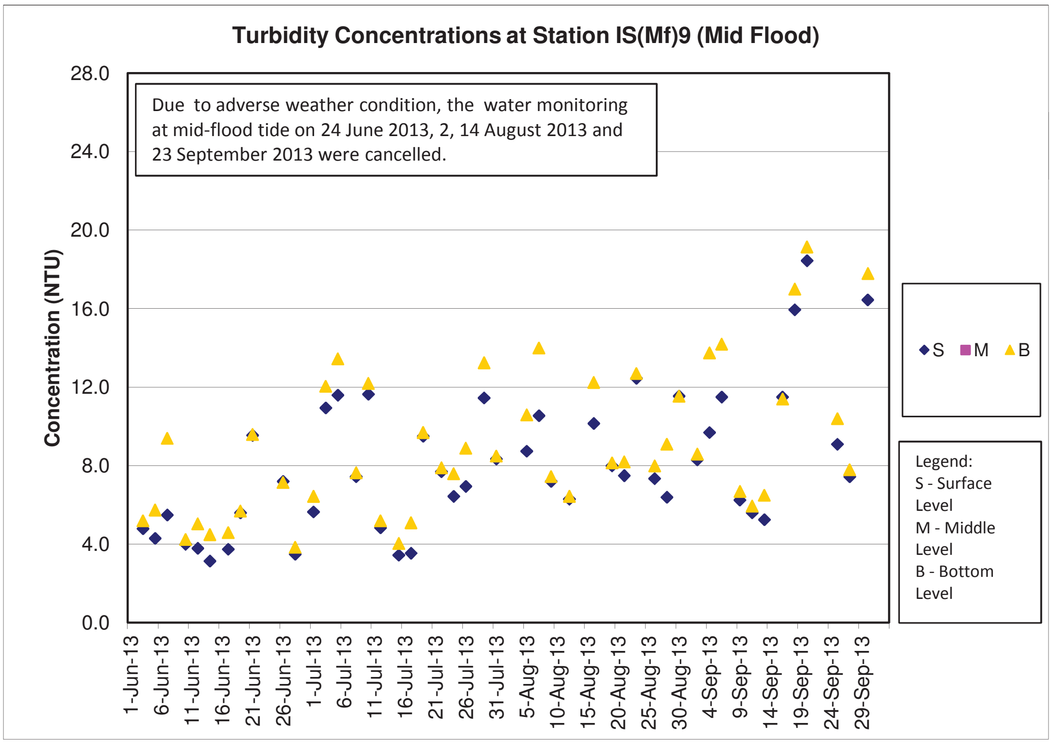
Turbidity Concentrations at Station IS8 (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide on 2, 14, 30 August 2013 and 23 September 2013 were cancelled.
Concentration (NTU)
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-13
S
B
Legend:
S - Surface Level
B - Bottom Level



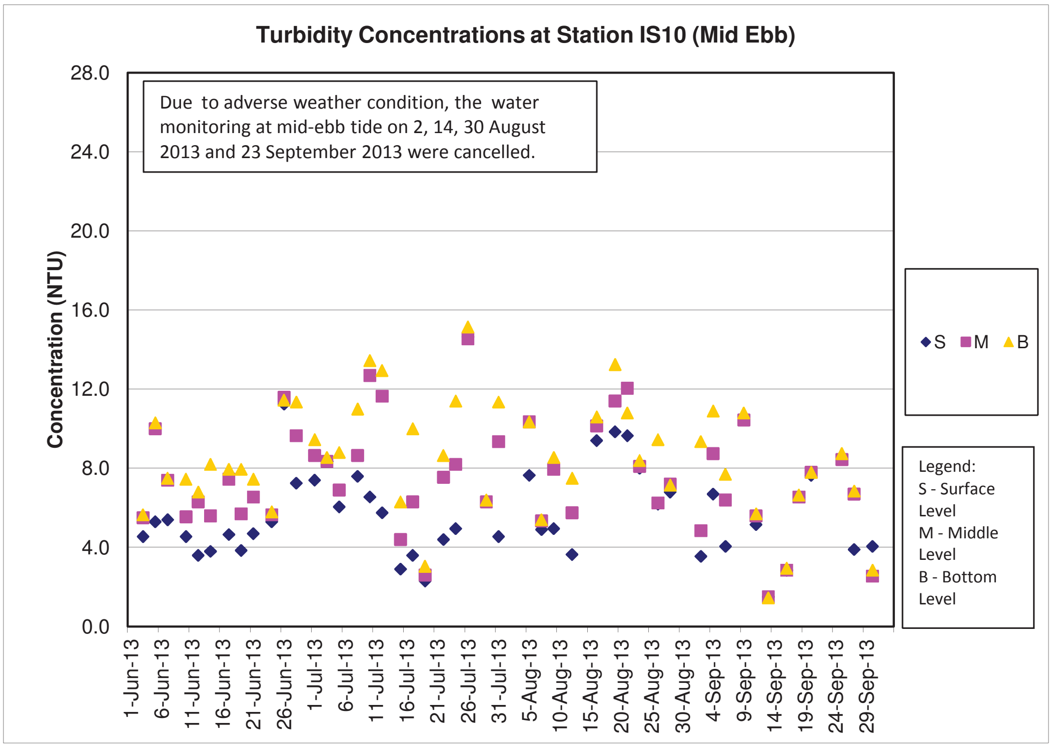
Turbidity Concentrations at Station IS8 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 24 June 2013, 2, 14 August 2013 and 23 September 2013 were cancelled.
Concentration (NTU)
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-13
S
B
Legend:
S - Surface Level
B - Bottom Level



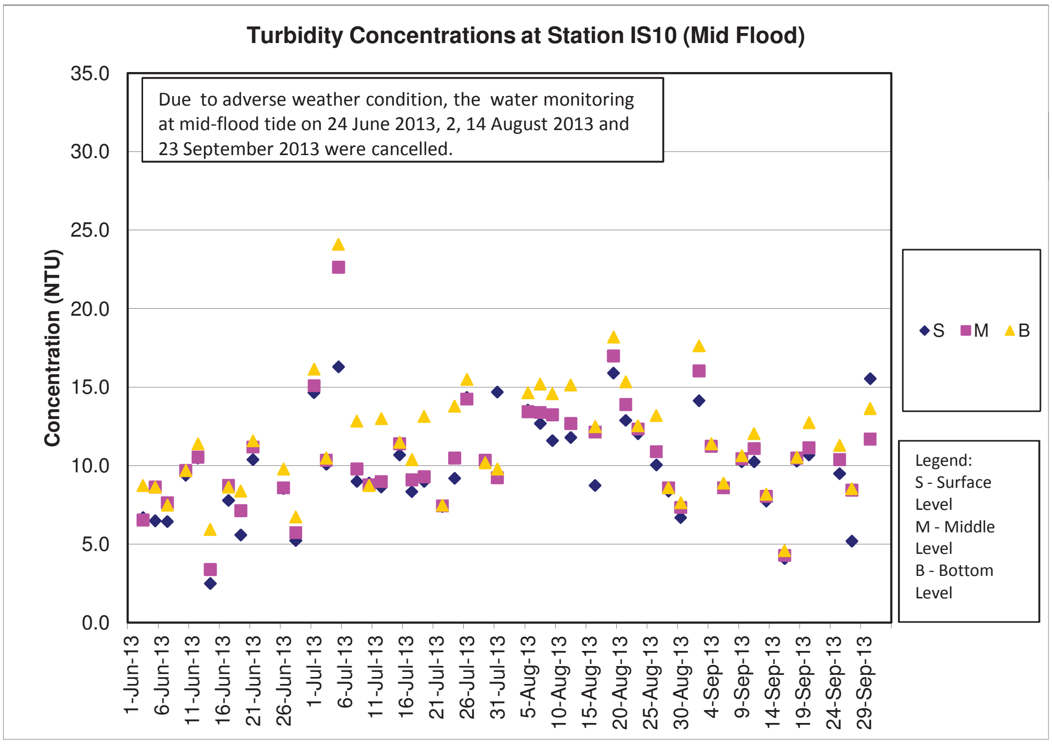
Turbidity Concentrations at Station IS(Mf)9 (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide on 2, 14, 30 August 2013 and 23 September 2013 were cancelled.
Concentration (NTU)
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-13
S
B
Legend:
S - Surface Level
B - Bottom Level



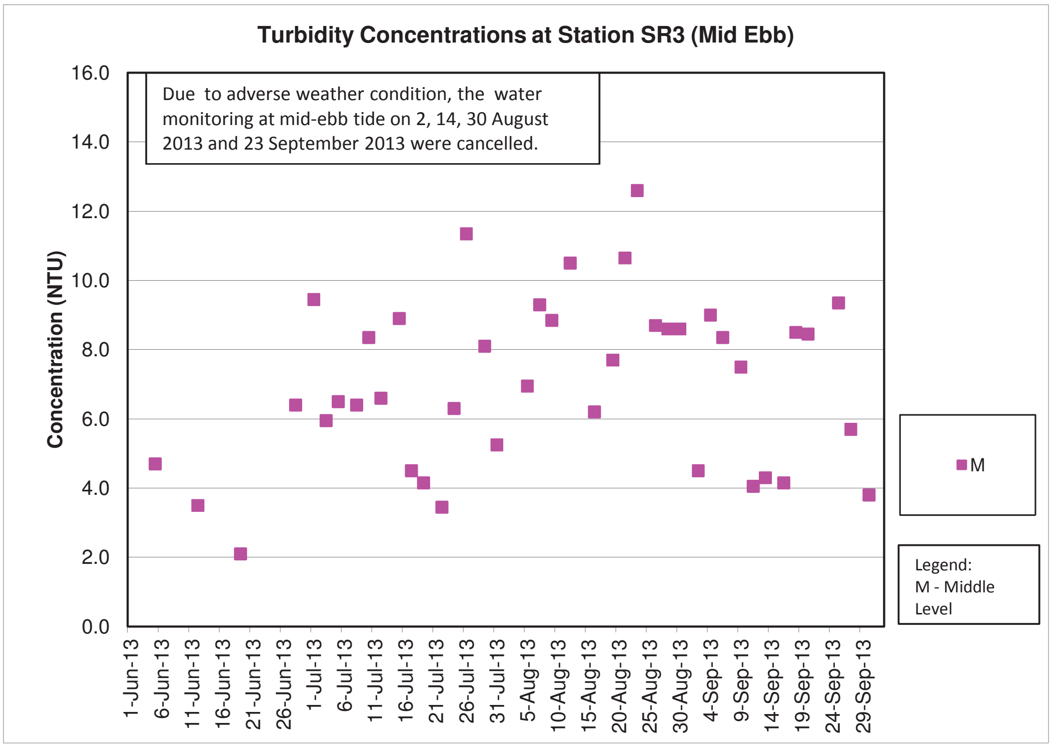
Turbidity Concentrations at Station IS(Mf)9 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 24 June 2013, 2, 14 August 2013 and 23 September 2013 were cancelled.
Concentration (NTU)
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-13
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

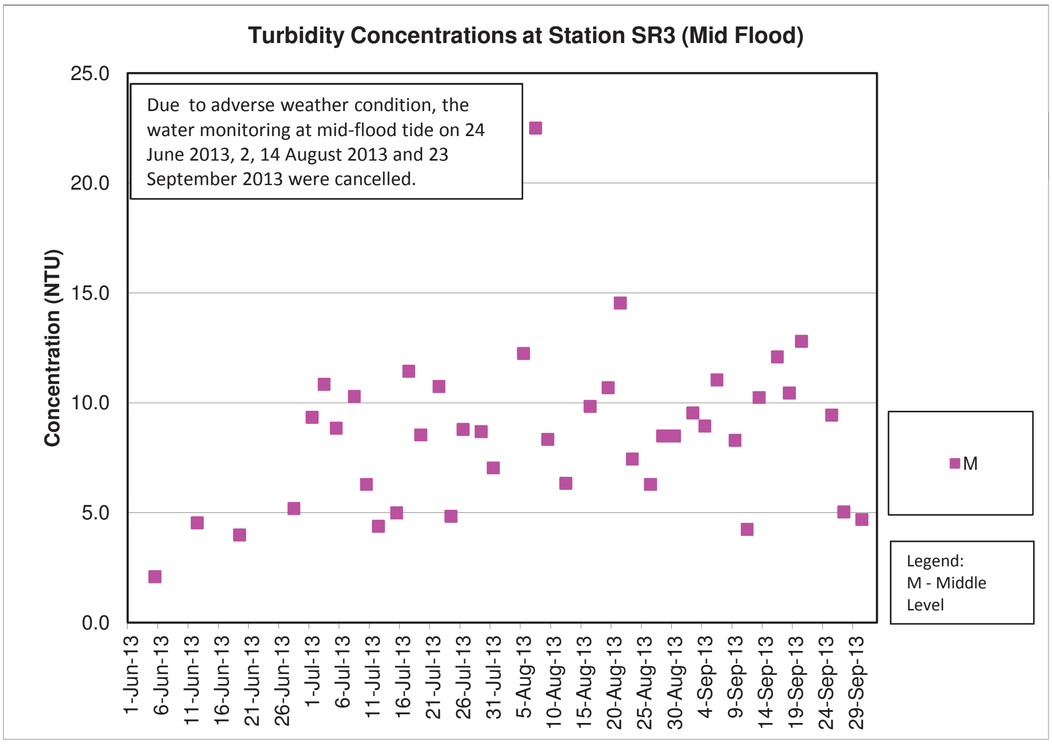


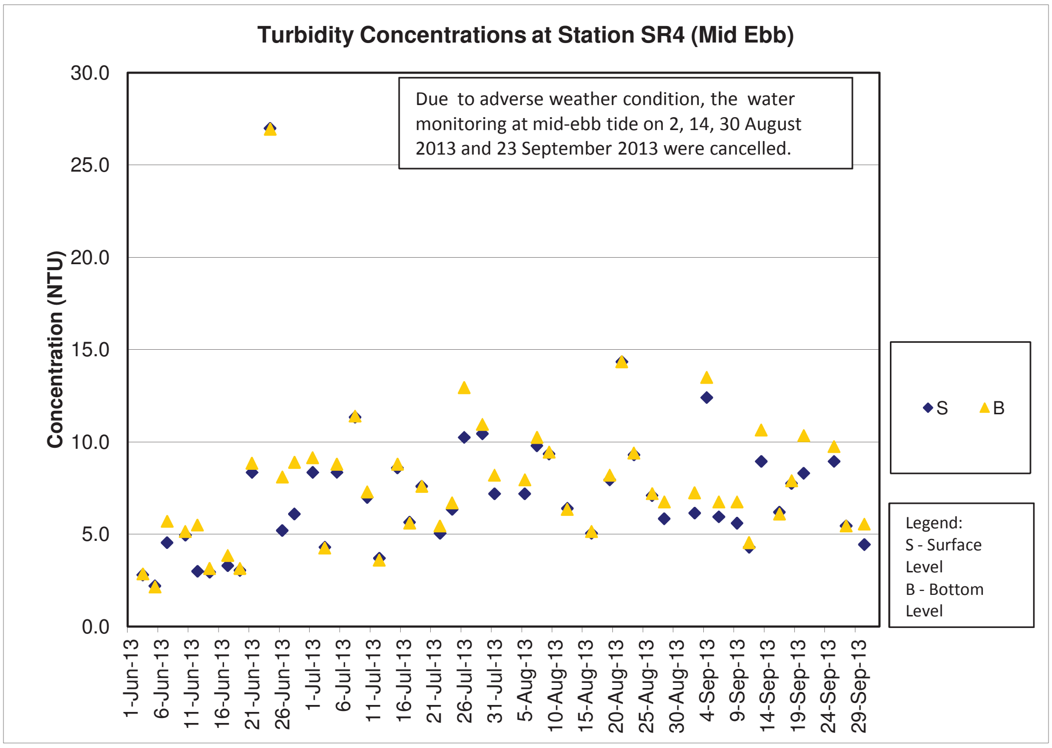
Turbidity Concentrations at Station IS10 (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide on 2, 14, 30 August 2013 and 23 September 2013 were cancelled.
Concentration (NTU)
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-13
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level



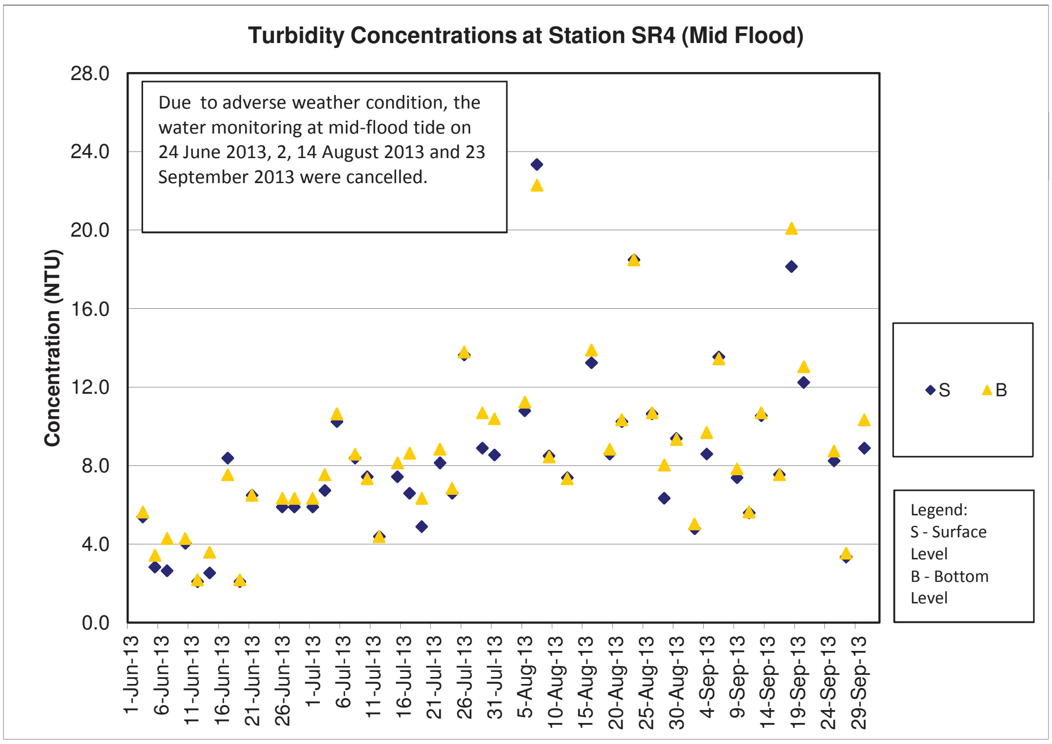
Turbidity Concentrations at Station IS10 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 24 June 2013, 2, 14 August 2013 and 23 September 2013 were cancelled.
Concentration (NTU)
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-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 on 2, 14, 30 August 2013 and 23 September 2013 were cancelled.
Concentration (NTU)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-13
M
Legend:
M - Middle Level

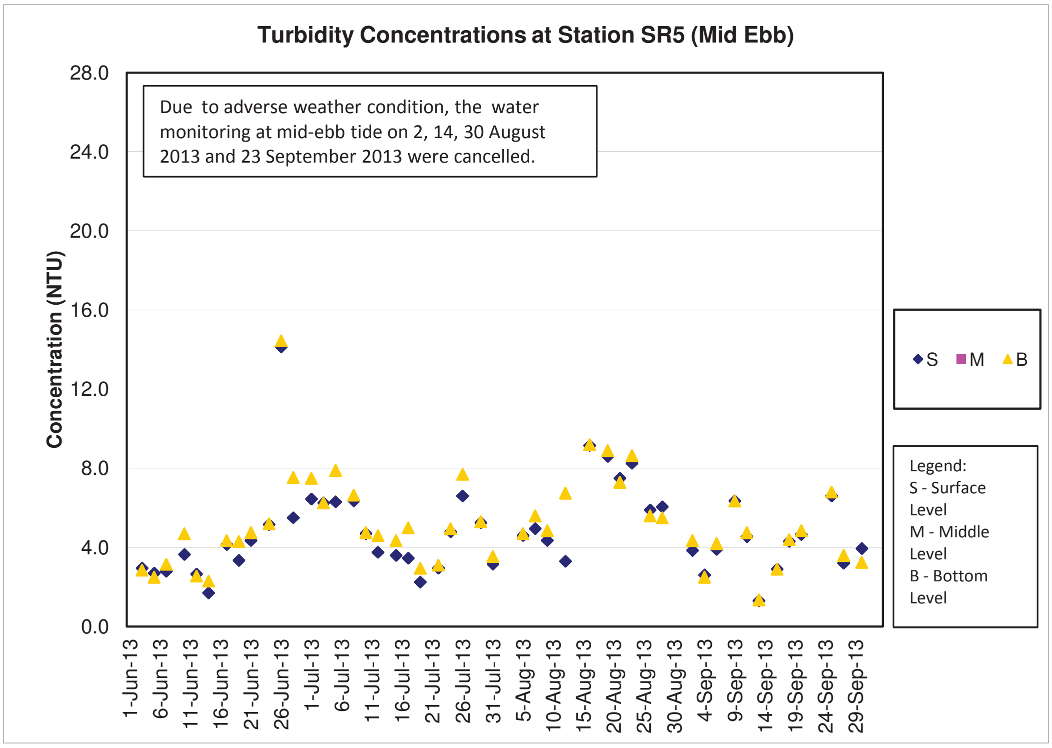

Turbidity Concentrations at Station SR3 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 24 June 2013, 2, 14 August 2013 and 23 September 2013 were cancelled.
Concentration (NTU)
25.0
20.0
15.0
10.0
5.0
0.0
1-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-13
M
Legend:
M - Middle Level

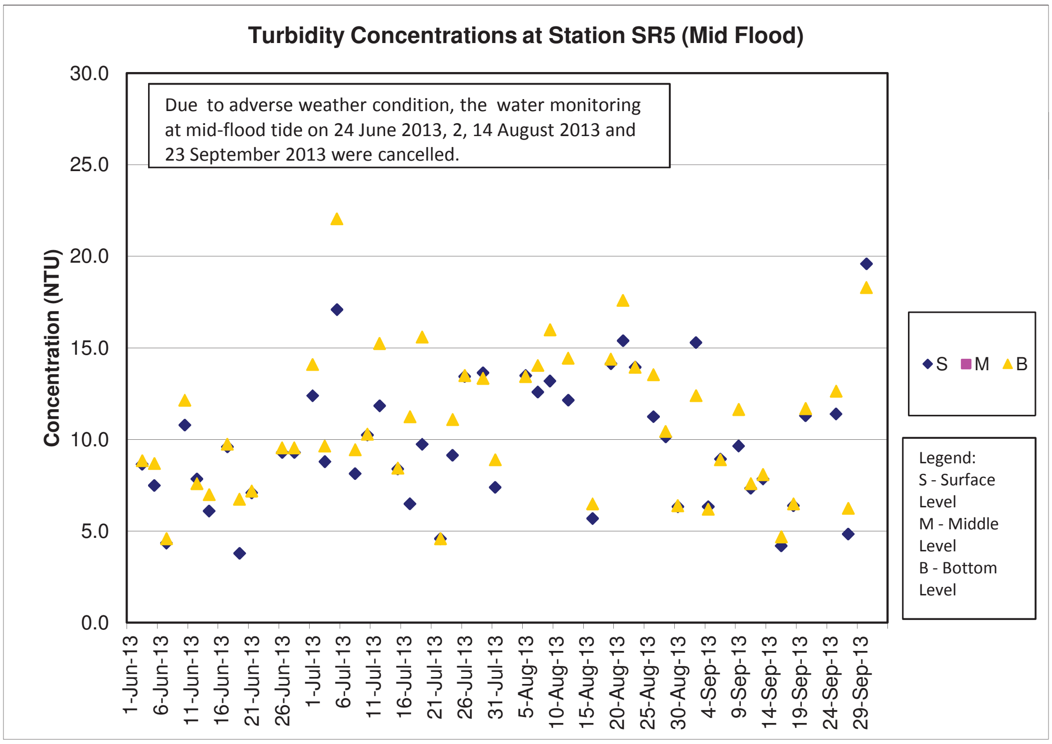


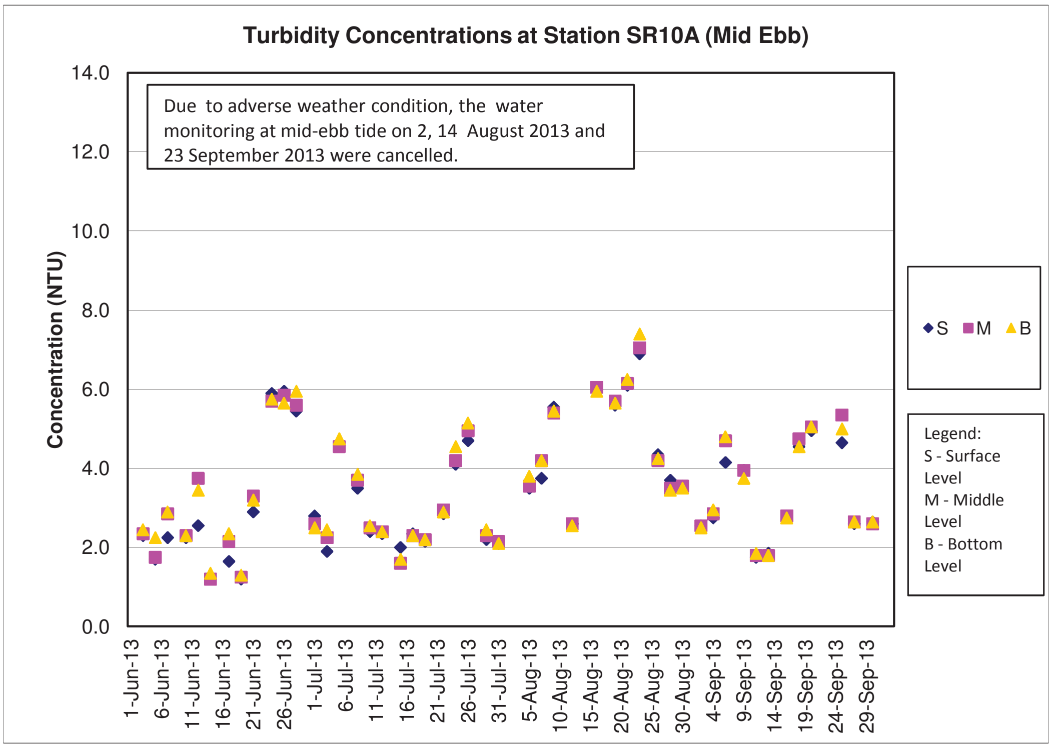
Turbidity Concentrations at Station SR4 (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide on 2, 14, 30 August 2013 and 23 September 2013 were cancelled.
Concentration (NTU)
S
B
Legend:
S - Surface Level
B - Bottom Level

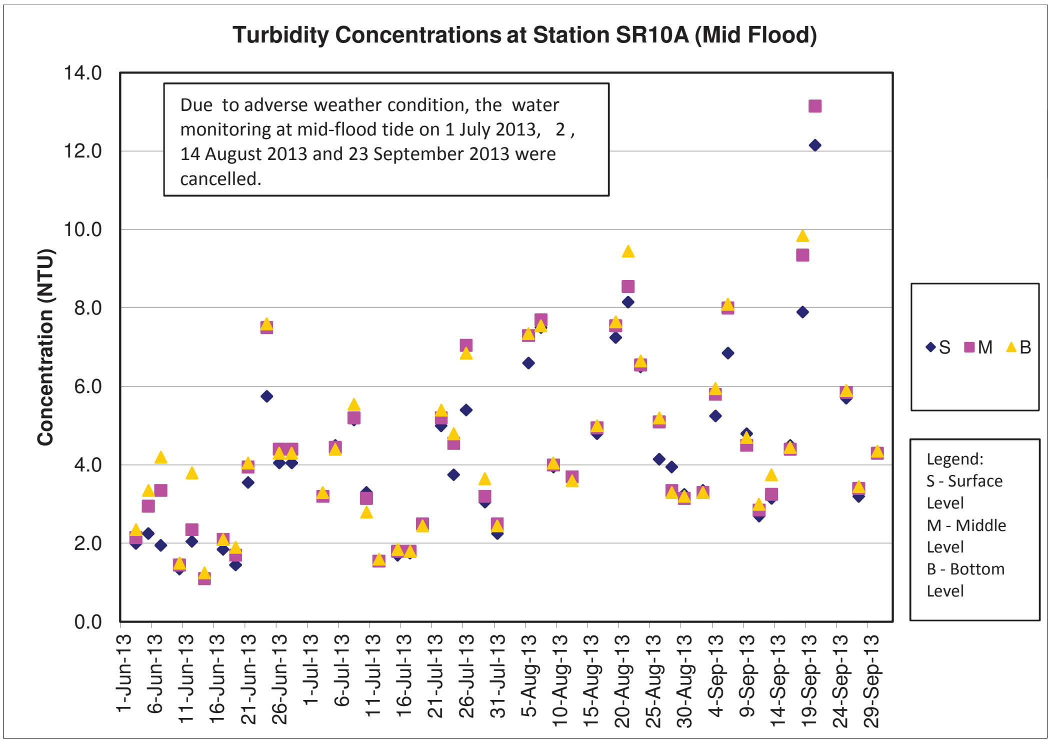


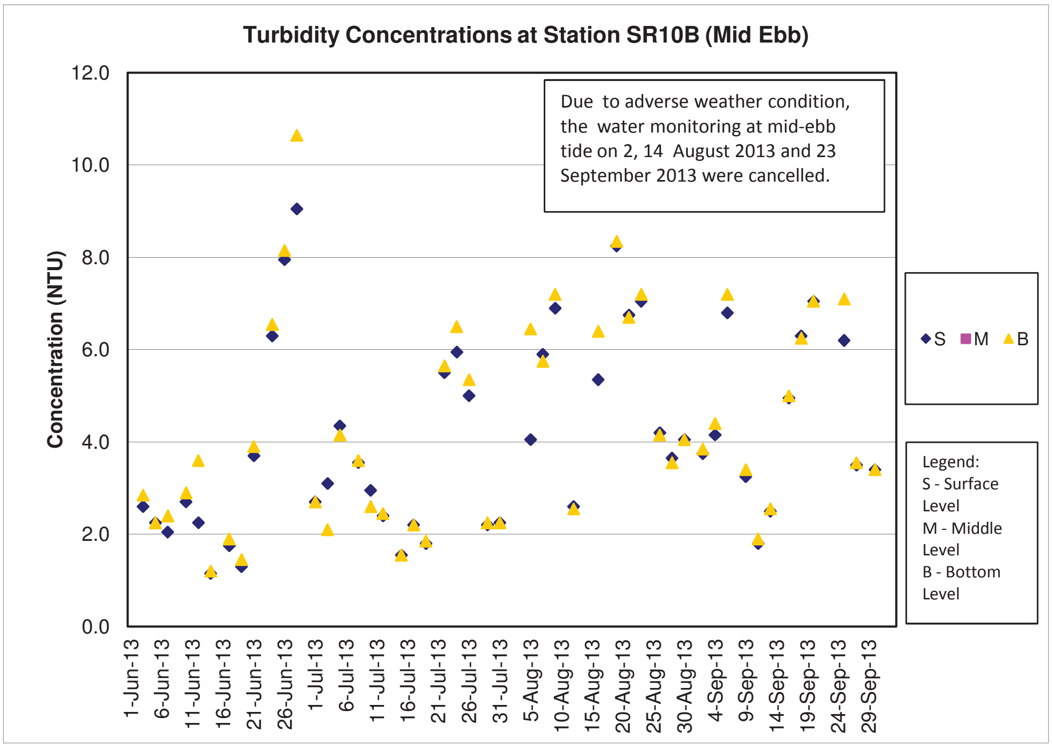
Turbidity Concentrations at Station SR4 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 24 June 2013, 2, 14 August 2013 and 23 September 2013 were cancelled.
Concentration (NTU)
S
B
Legend:
S - Surface Level
B - Bottom Level


Turbidity Concentrations at Station SR5 (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide on 2, 14, 30 August 2013 and 23 September 2013 were cancelled.
Concentration (NTU)
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-13
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

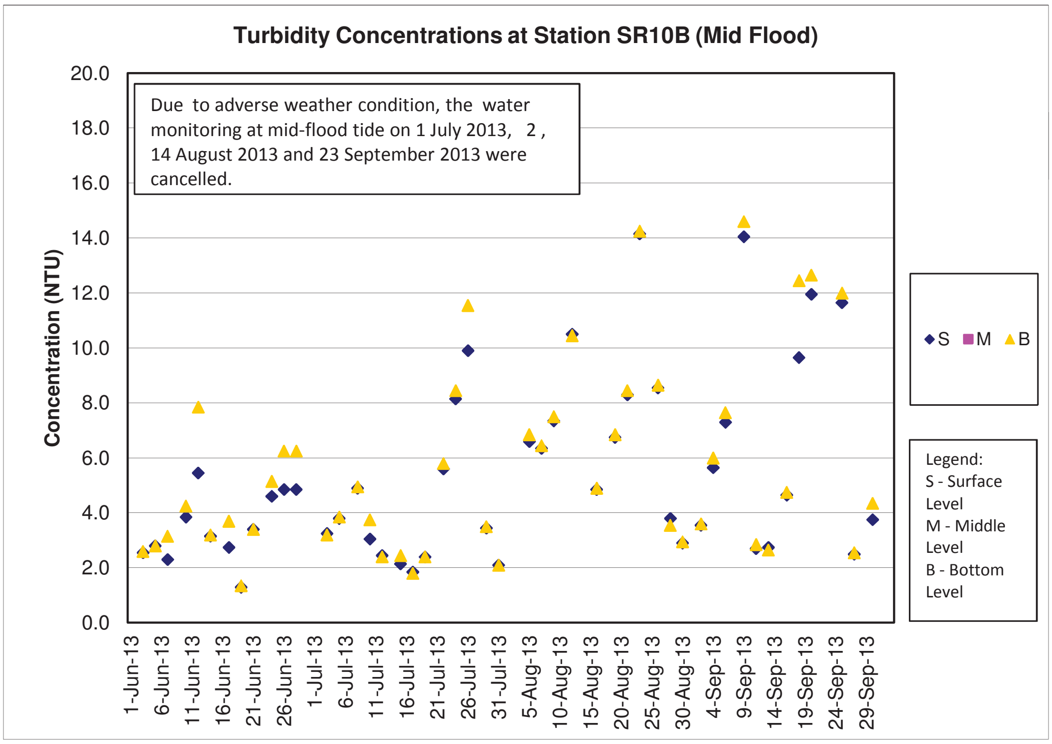

Turbidity Concentrations at Station SR5 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 24 June 2013, 2, 14 August 2013 and 23 September 2013 were cancelled.
Concentration (NTU)
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-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 2, 14 August 2013 and 23 September 2013 were cancelled.
Concentration (NTU)
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-13
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

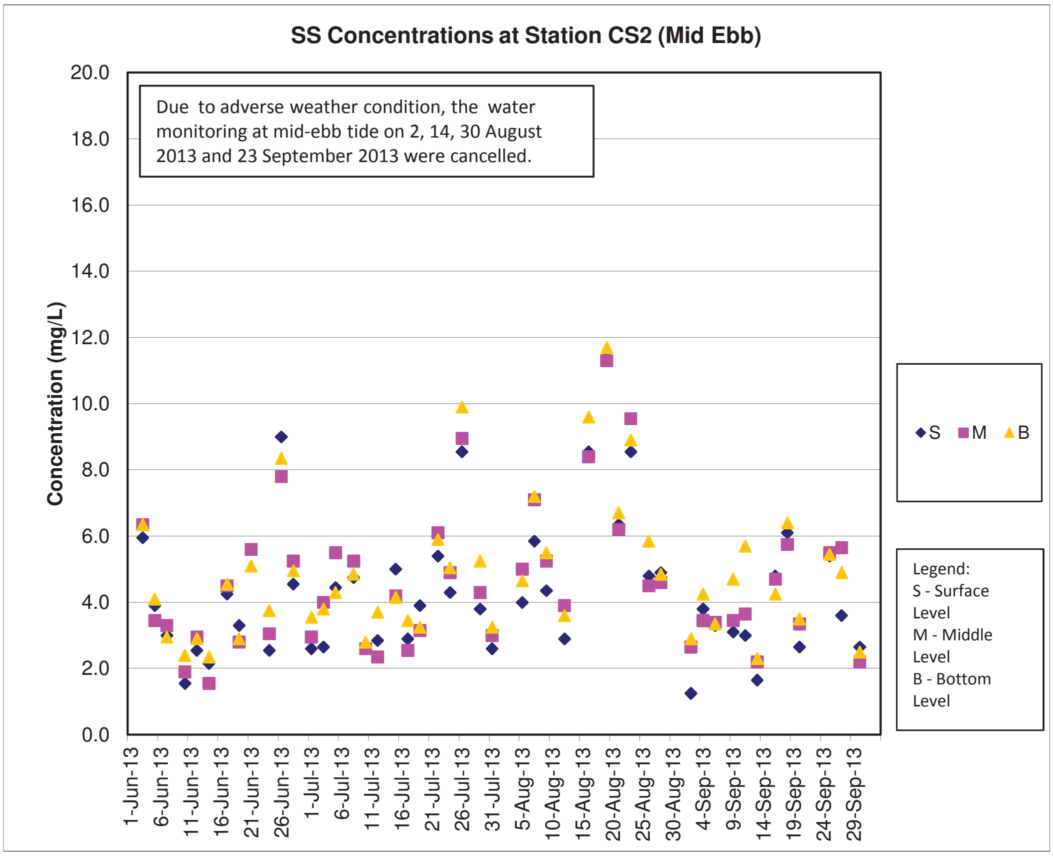

Turbidity Concentrations at Station SR10A (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 1 July 2013, 2 , 14 August 2013 and 23 September 2013 were cancelled.
Concentration (NTU)
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-13
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

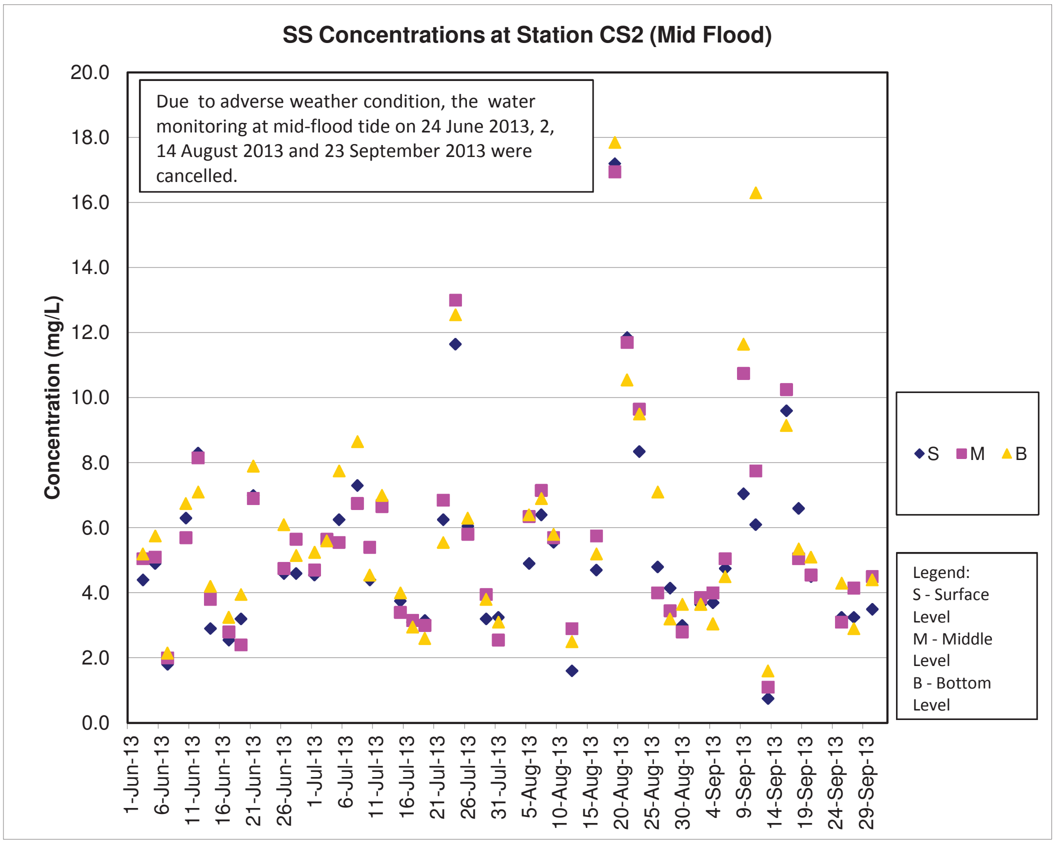


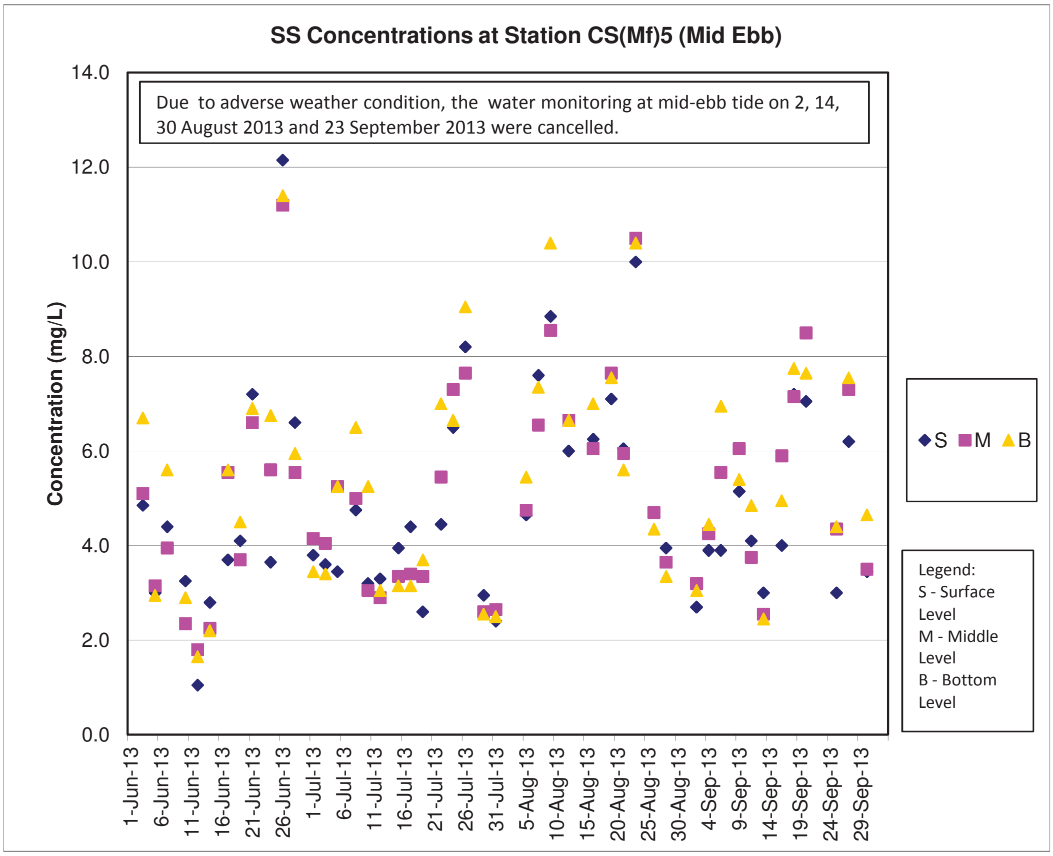
Turbidity Concentrations at Station SR10B (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide on 2, 14 August 2013 and 23 September 2013 were cancelled.
Concentration (NTU)
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-13
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

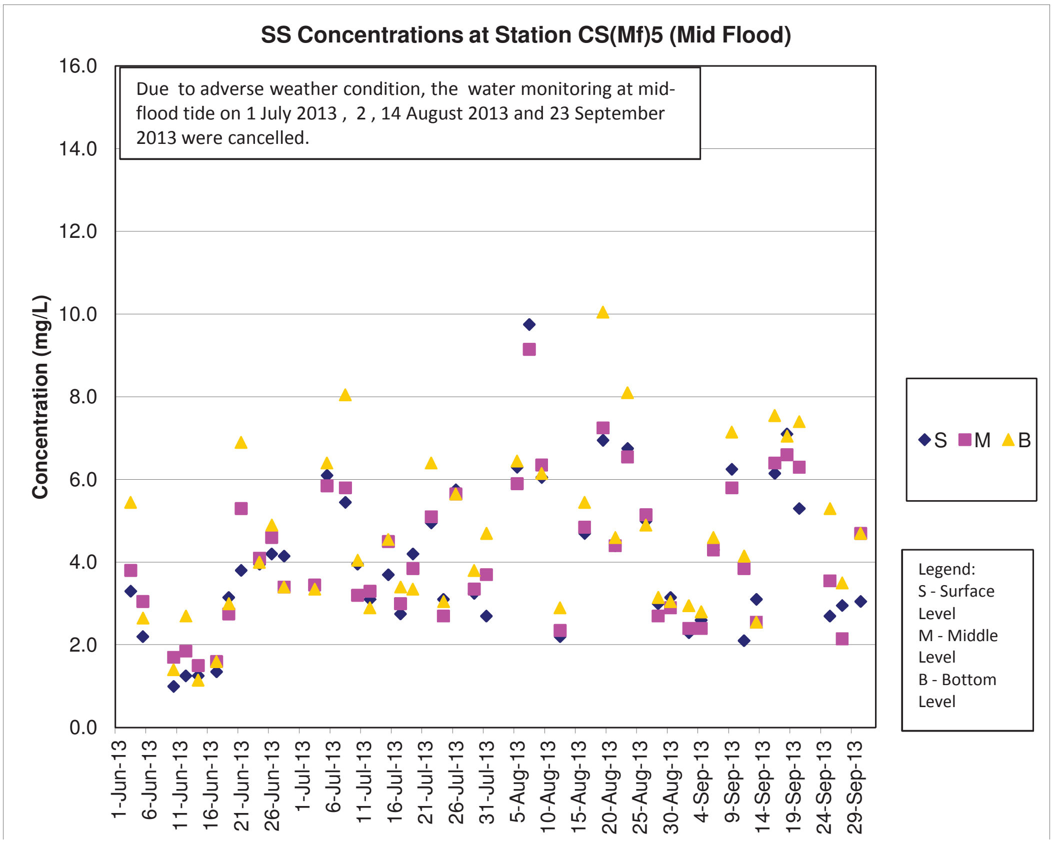


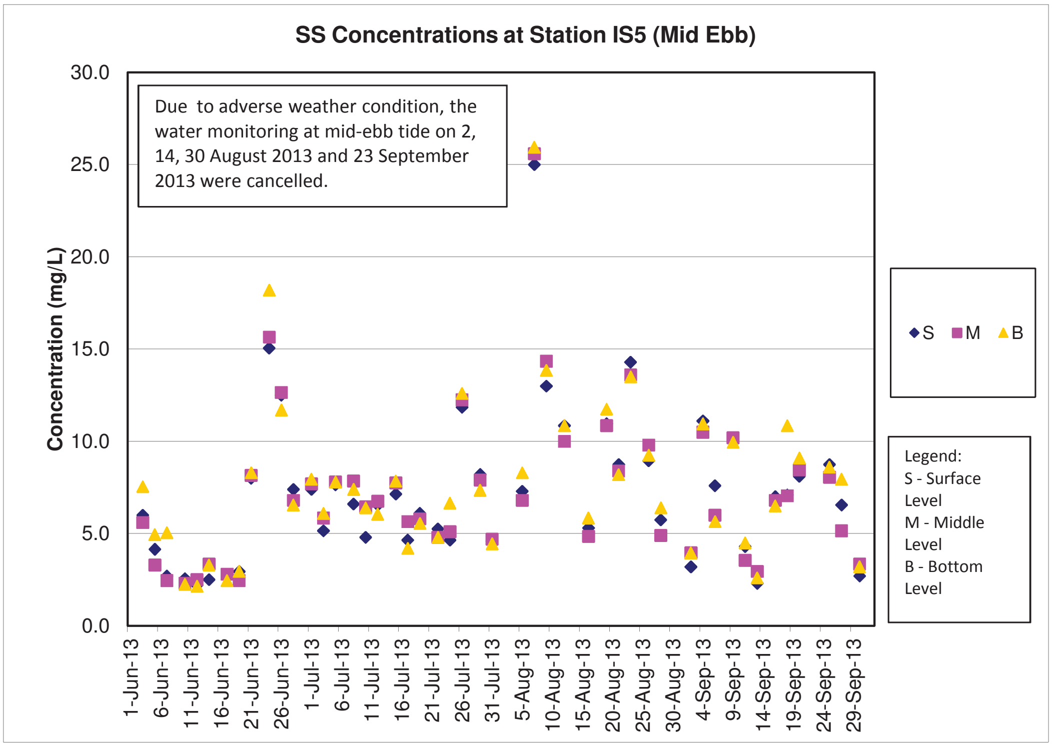
Turbidity Concentrations at Station SR10B (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 1 July 2013, 2 , 14 August 2013 and 23 September 2013 were cancelled.
Concentration (NTU)
20.0
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-13
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

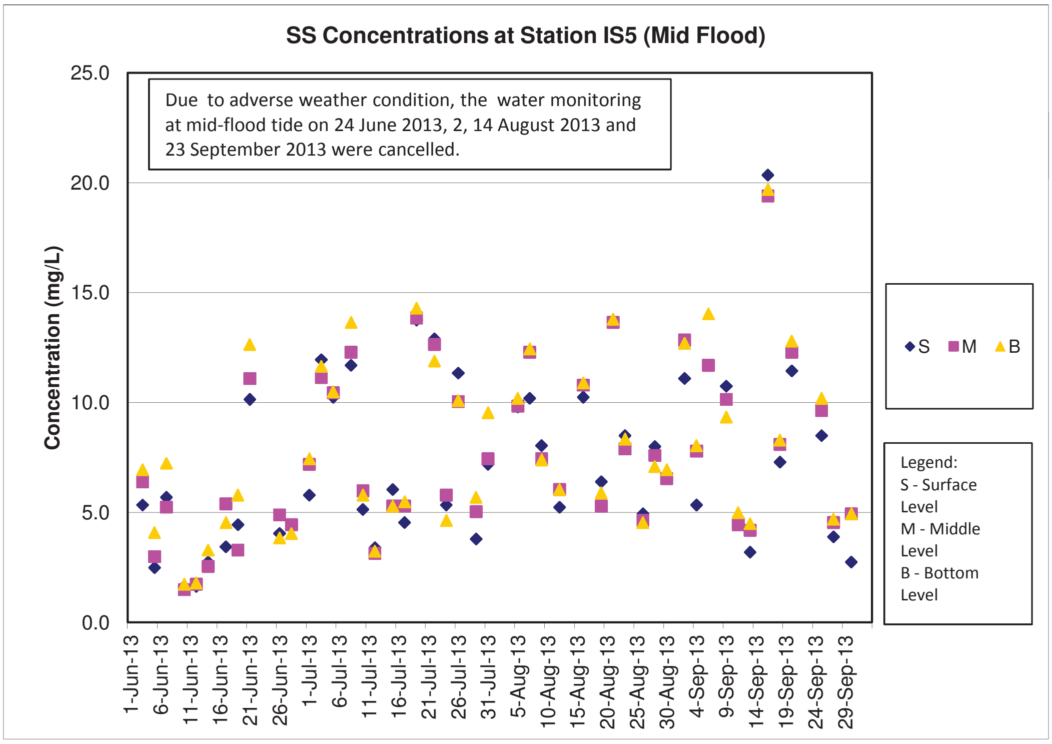

SS Concentrations at Station CS2 (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide on 2, 14, 30 August 2013 and 23 September 2013 were cancelled.
Concentration (mg/L)
20.0
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-13
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

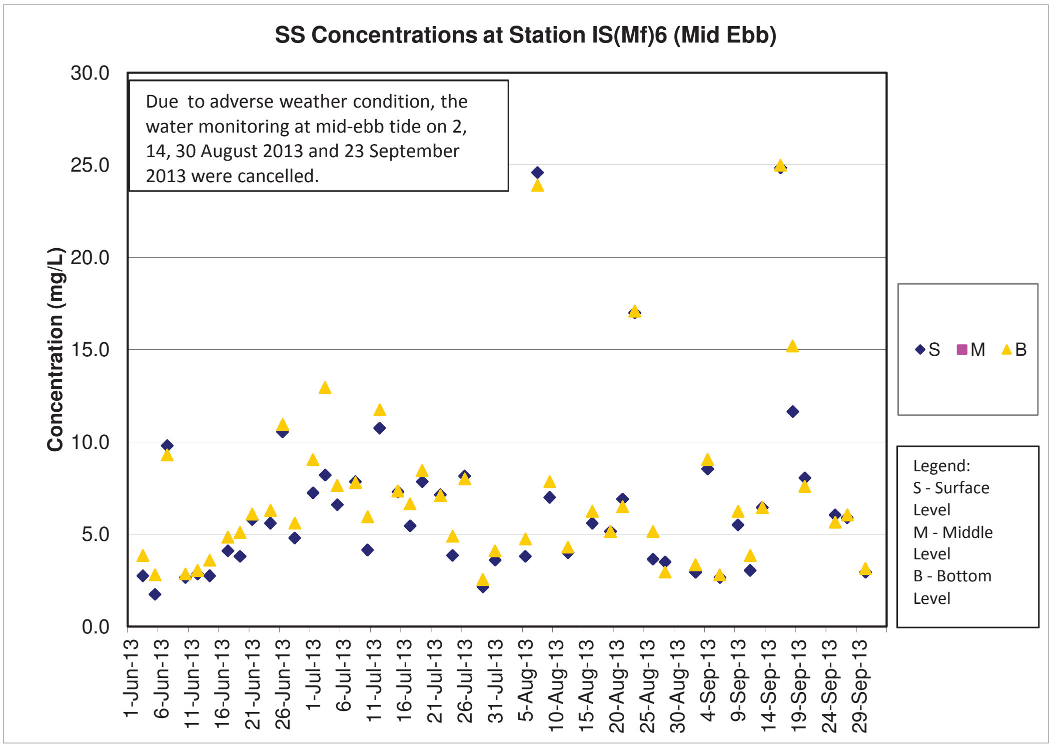

SS Concentrations at Station CS2 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 24 June 2013, 2, 14 August 2013 and 23 September 2013 were cancelled.
Concentration (mg/L)
20.0
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-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 2, 14, 30 August 2013 and 23 September 2013 were cancelled.
Concentration (mg/L)
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-13
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

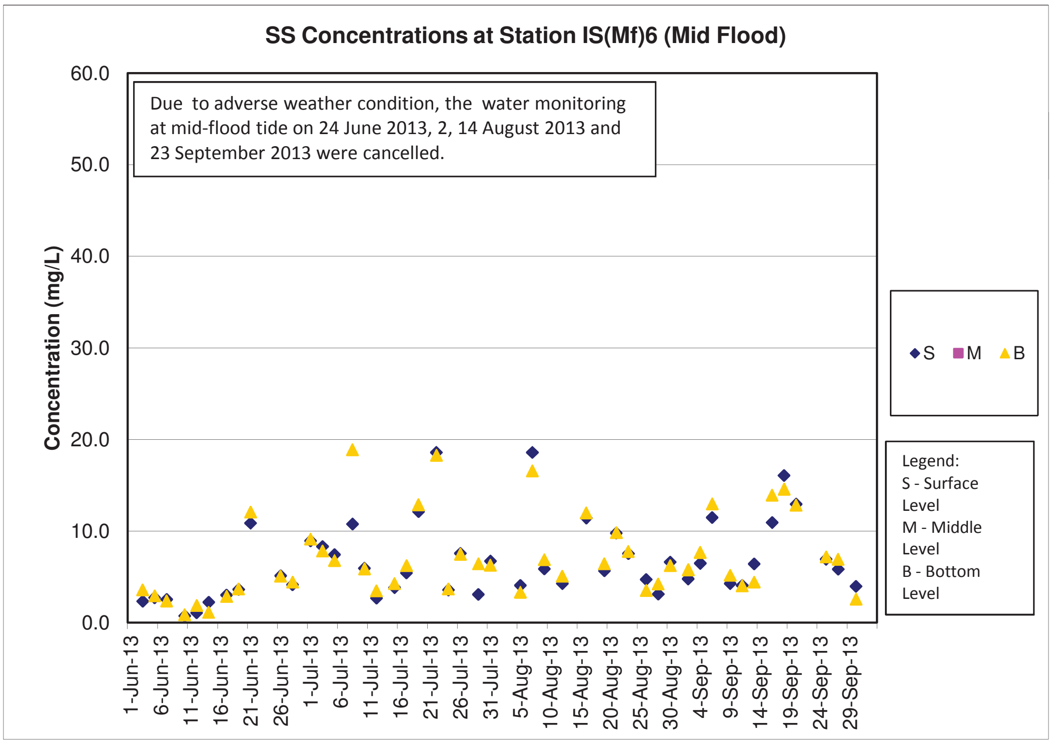

SS Concentrations at Station CS(Mf)5 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 1 July 2013 , 2 , 14 August 2013 and 23 September 2013 were cancelled.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-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 on 2, 14, 30 August 2013 and 23 September 2013 were cancelled.
Concentration (mg/L)
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

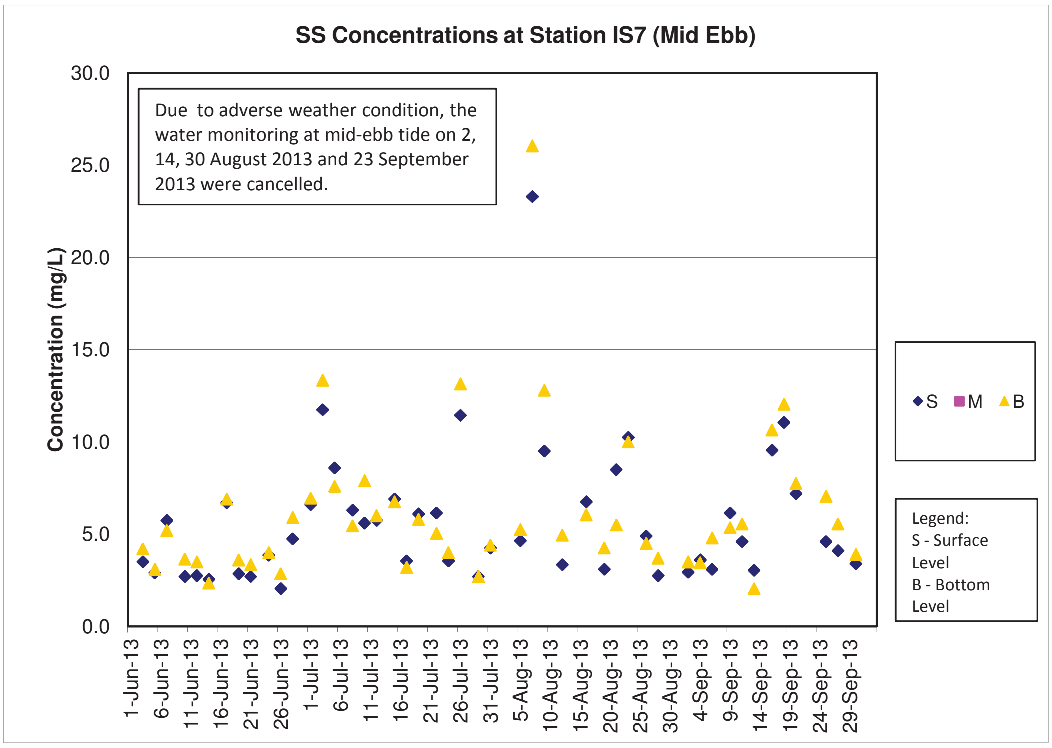

SS Concentrations at Station IS5 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 24 June 2013, 2, 14 August 2013 and 23 September 2013 were cancelled.
Concentration (mg/L)
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

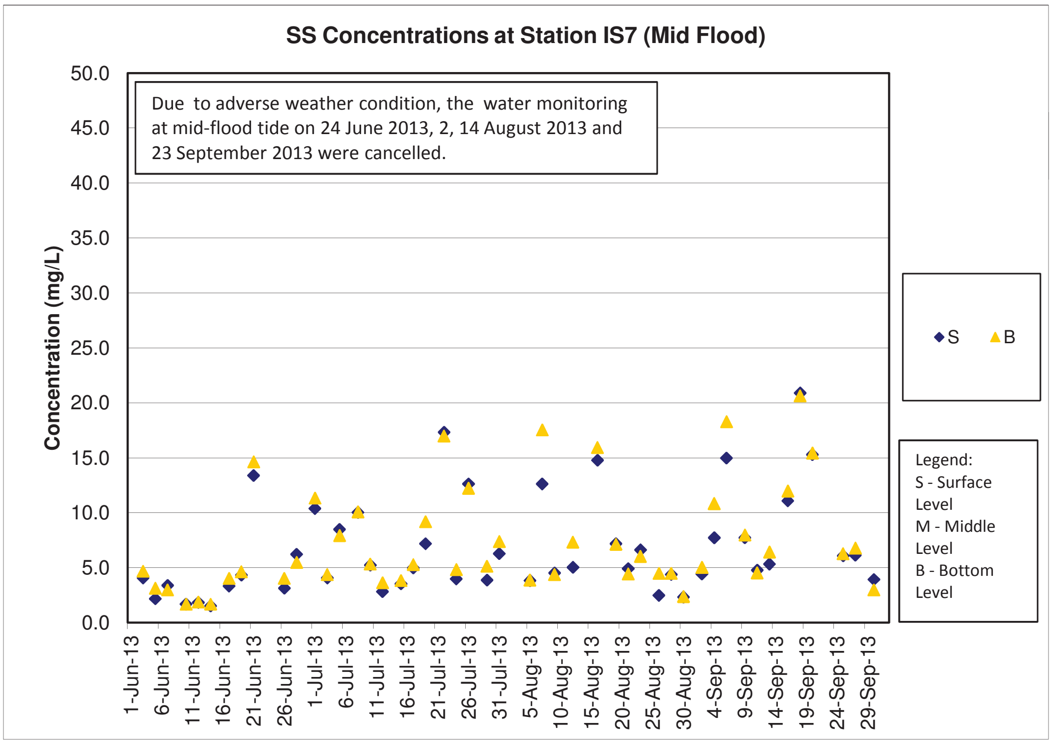


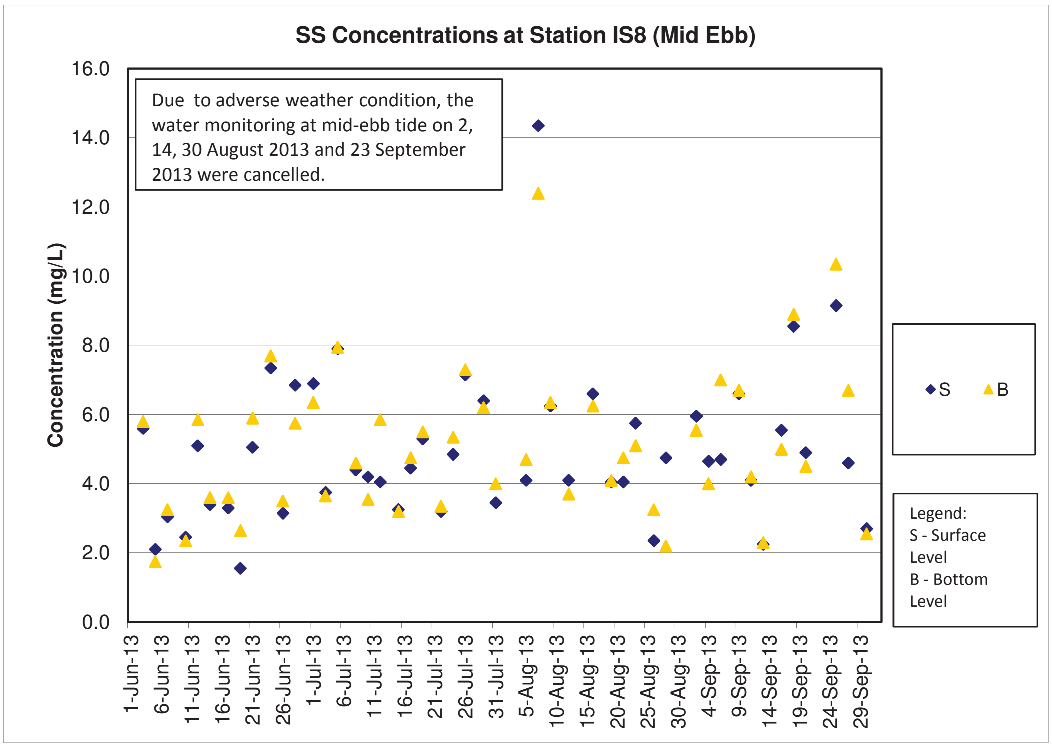
SS Concentrations at Station IS(Mf)6 (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide on 2, 14, 30 August 2013 and 23 September 2013 were cancelled.
Concentration (mg/L)
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-13
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level



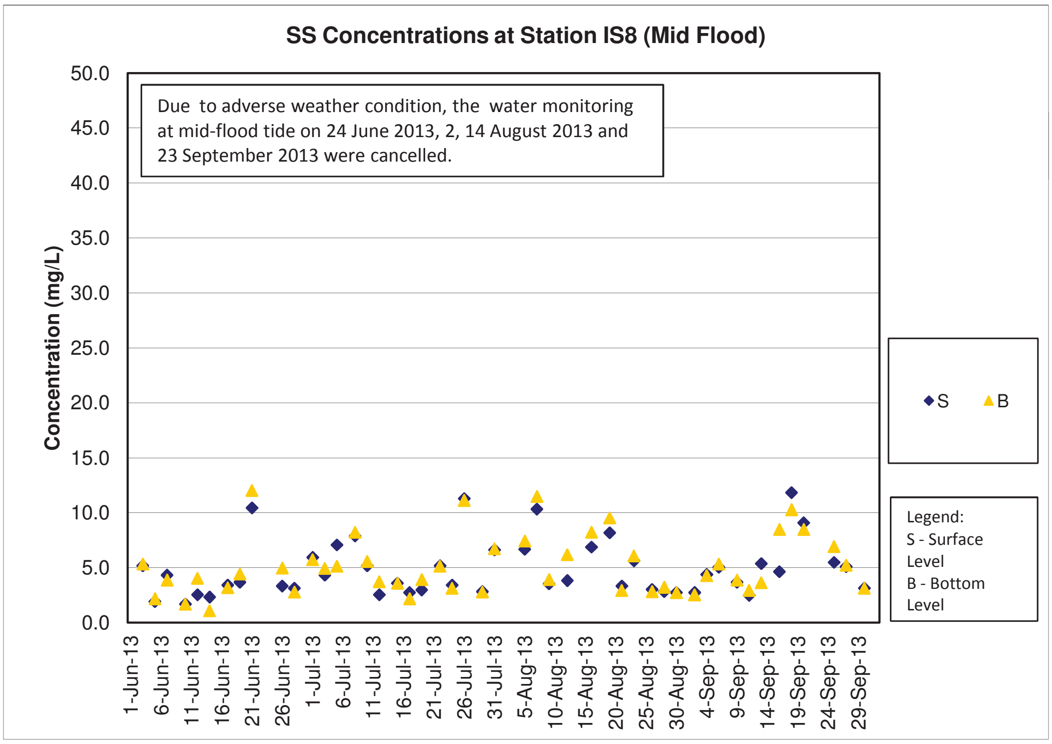
SS Concentrations at Station IS(Mf)6 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 24 June 2013, 2, 14 August 2013 and 23 September 2013 were cancelled.
Concentration (mg/L)
60.0
50.0
40.0
30.0
20.0
10.0
0.0
1-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-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 on 2, 14, 30 August 2013 and 23 September 2013 were cancelled.
Concentration (mg/L)
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-13
S
M
B
Legend:
S - Surface Level
B - Bottom Level

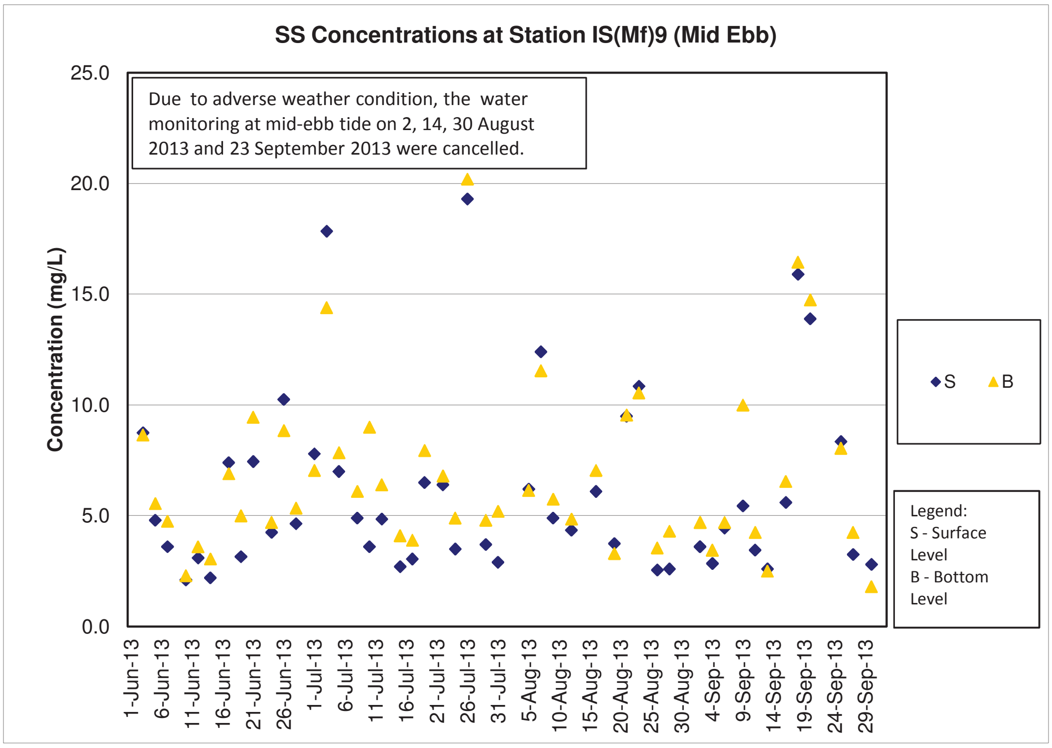

SS Concentrations at Station IS7 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 24 June 2013, 2, 14 August 2013 and 23 September 2013 were cancelled.
Concentration (mg/L)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-13
S
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

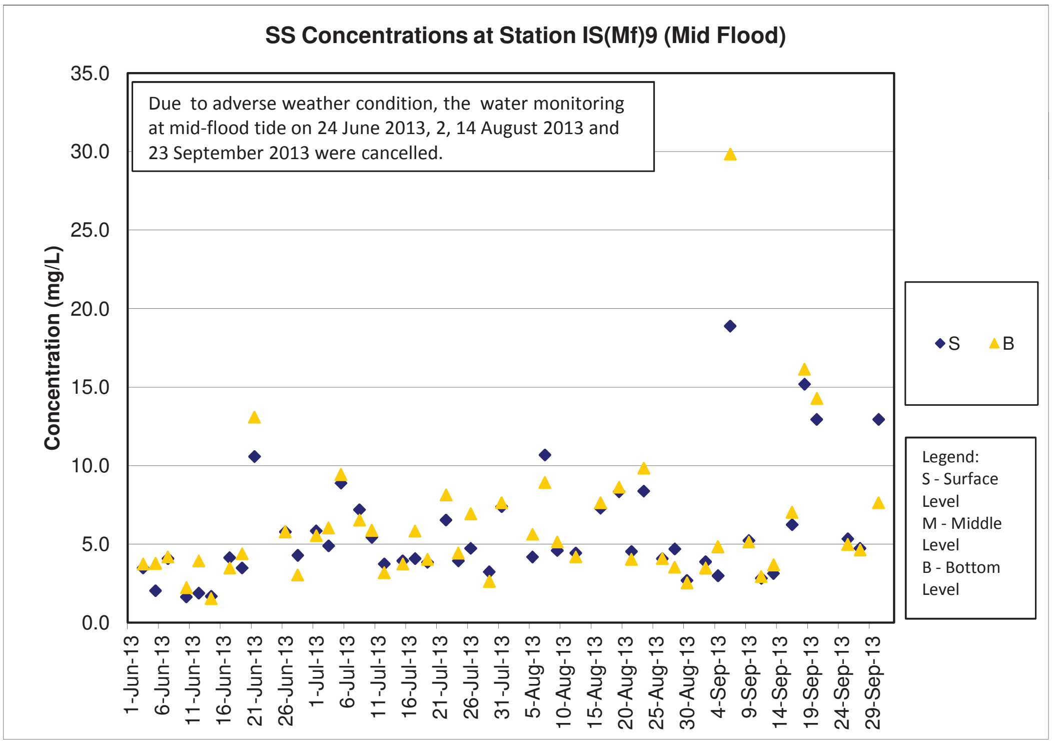


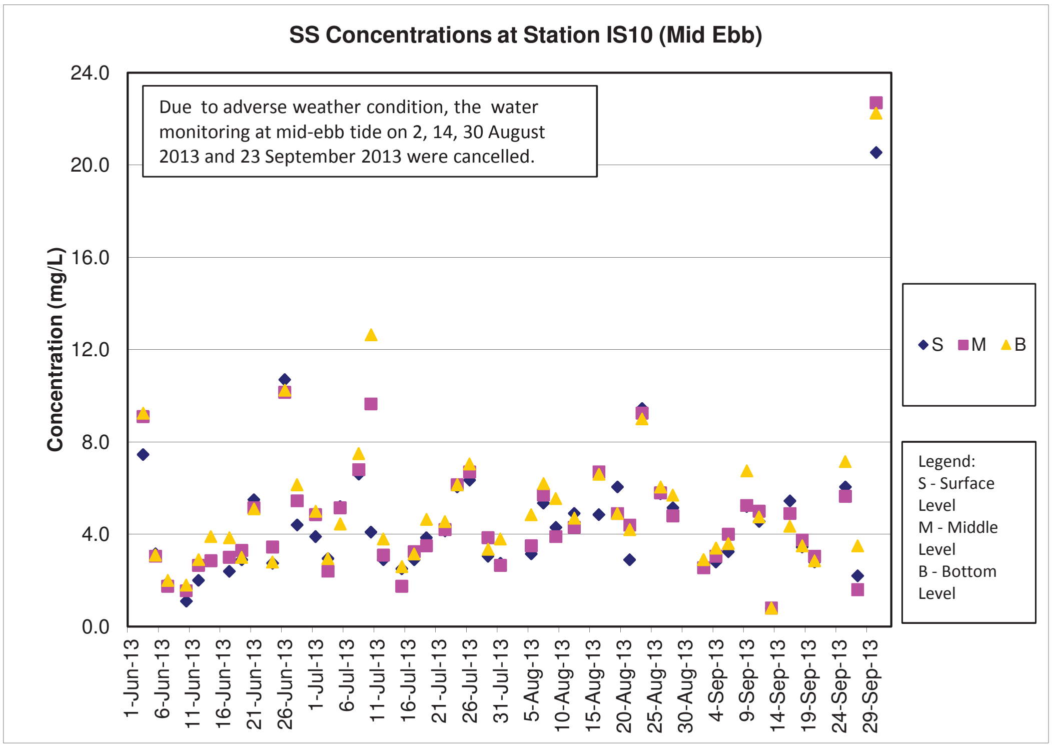
SS Concentrations at Station IS8 (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide on 2, 14, 30 August 2013 and 23 September 2013 were cancelled.
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-13
S
B
Legend:
S - Surface Level
B - Bottom Level



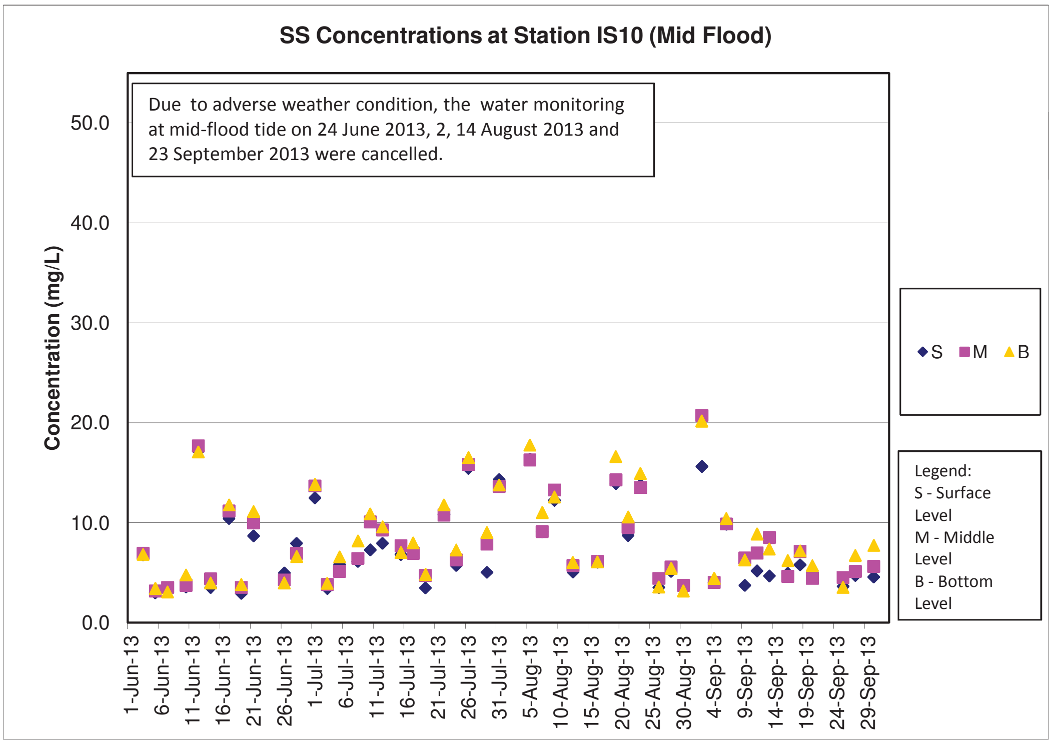
SS Concentrations at Station IS8 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 24 June 2013, 2, 14 August 2013 and 23 September 2013 were cancelled.
Concentration (mg/L)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-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 2, 14, 30 August 2013 and 23 September 2013 were cancelled.
Concentration (mg/L)
25.0
20.0
15.0
10.0
5.0
0.0
1-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-13
S
B
Legend:
S - Surface Level
B - Bottom Level

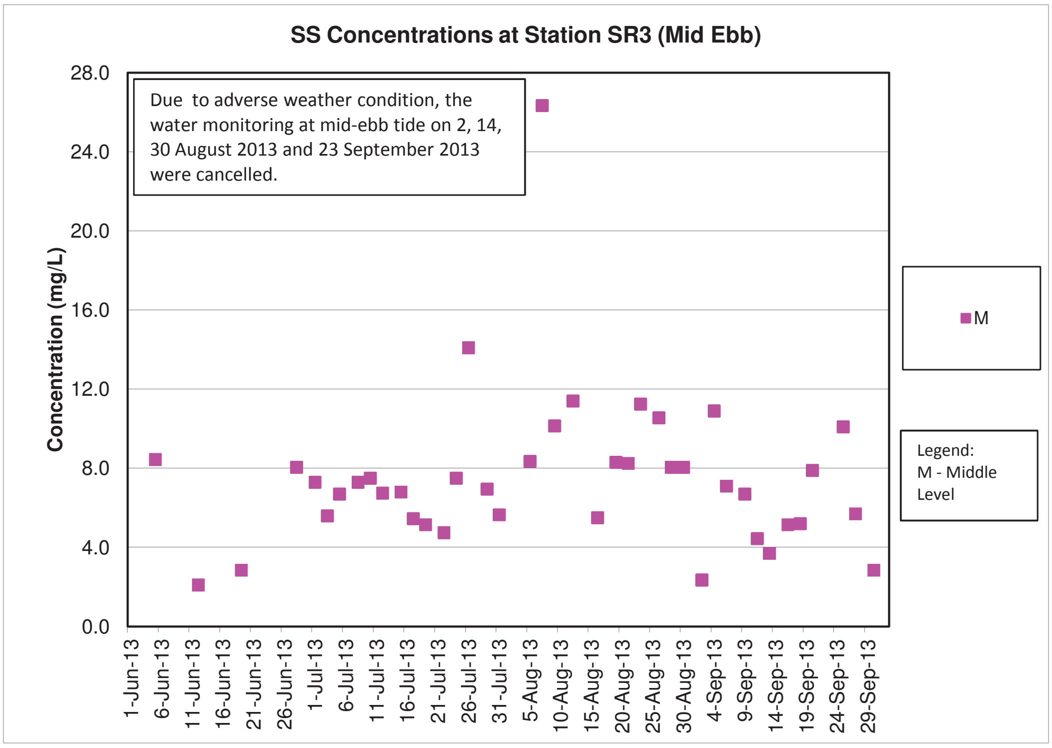

SS Concentrations at Station IS(Mf)9 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 24 June 2013, 2, 14 August 2013 and 23 September 2013 were cancelled.
Concentration (mg/L)
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-13
S
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

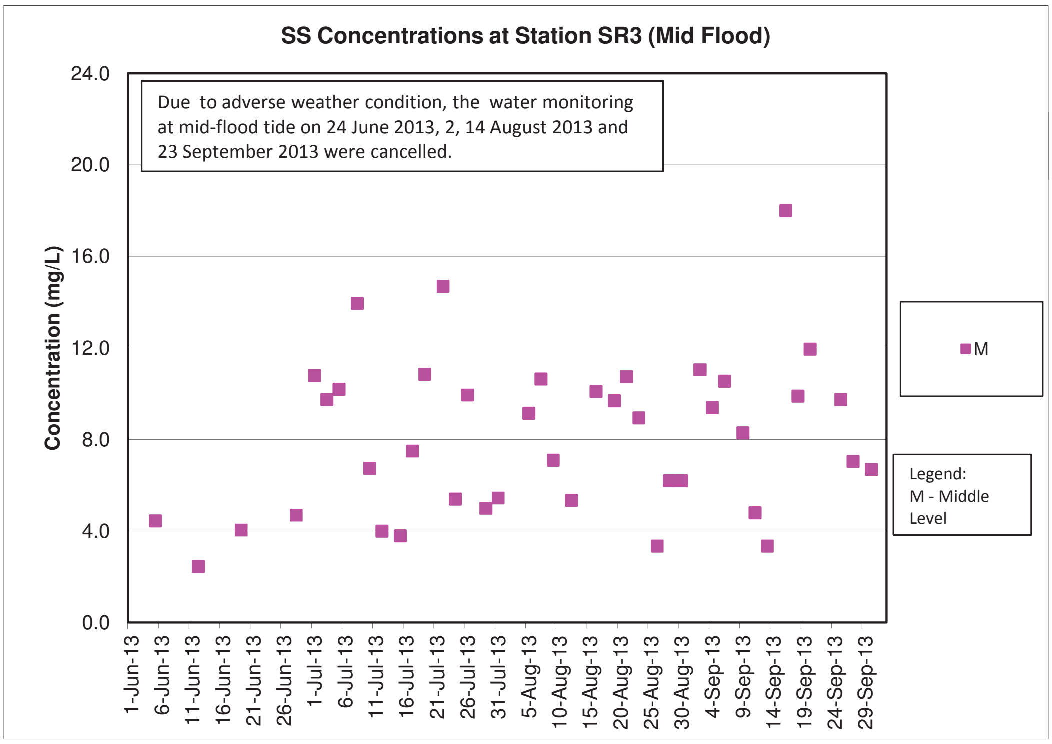


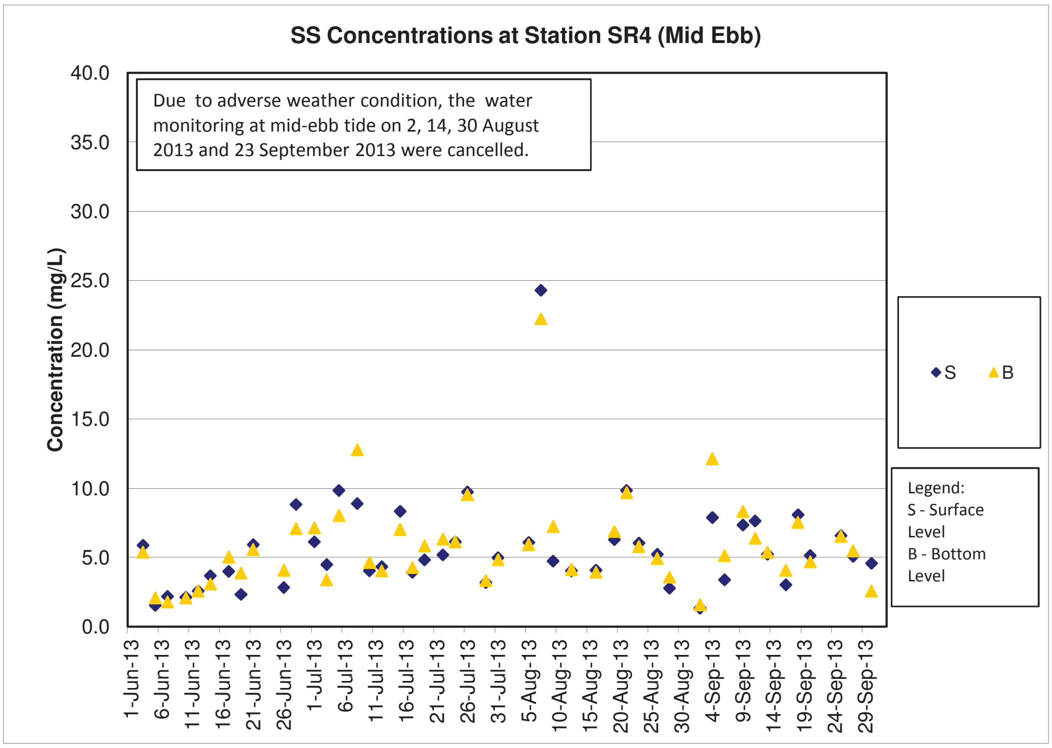
SS Concentrations at Station IS10 (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide on 2, 14, 30 August 2013 and 23 September 2013 were cancelled.
Concentration (mg/L)
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-13
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

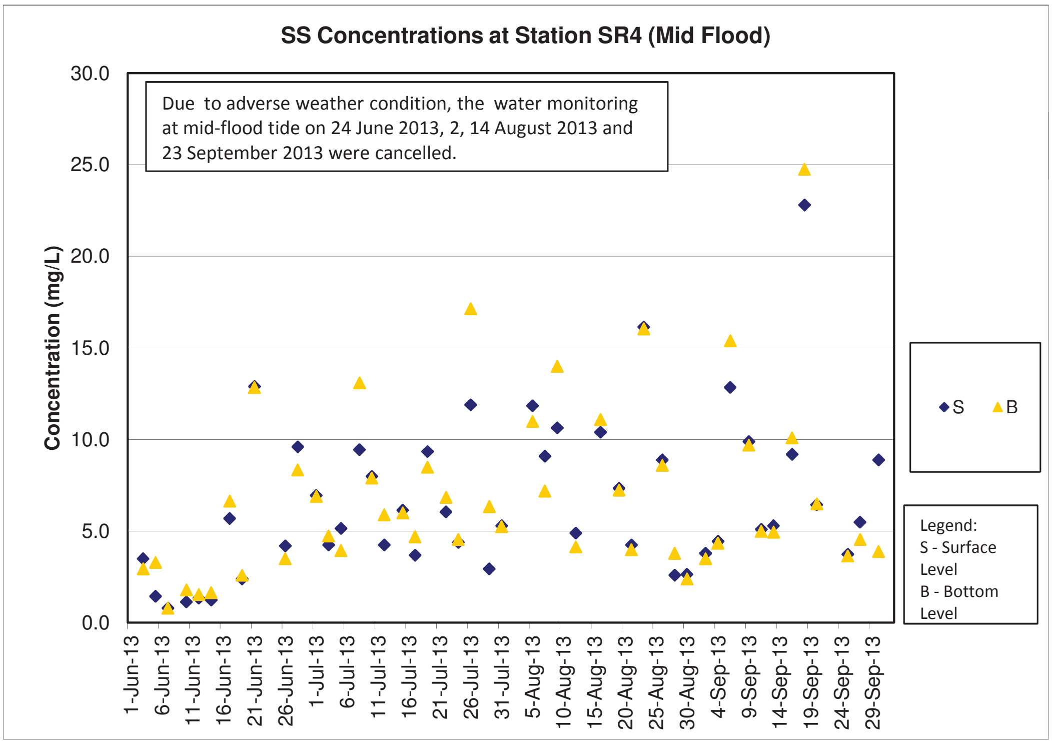


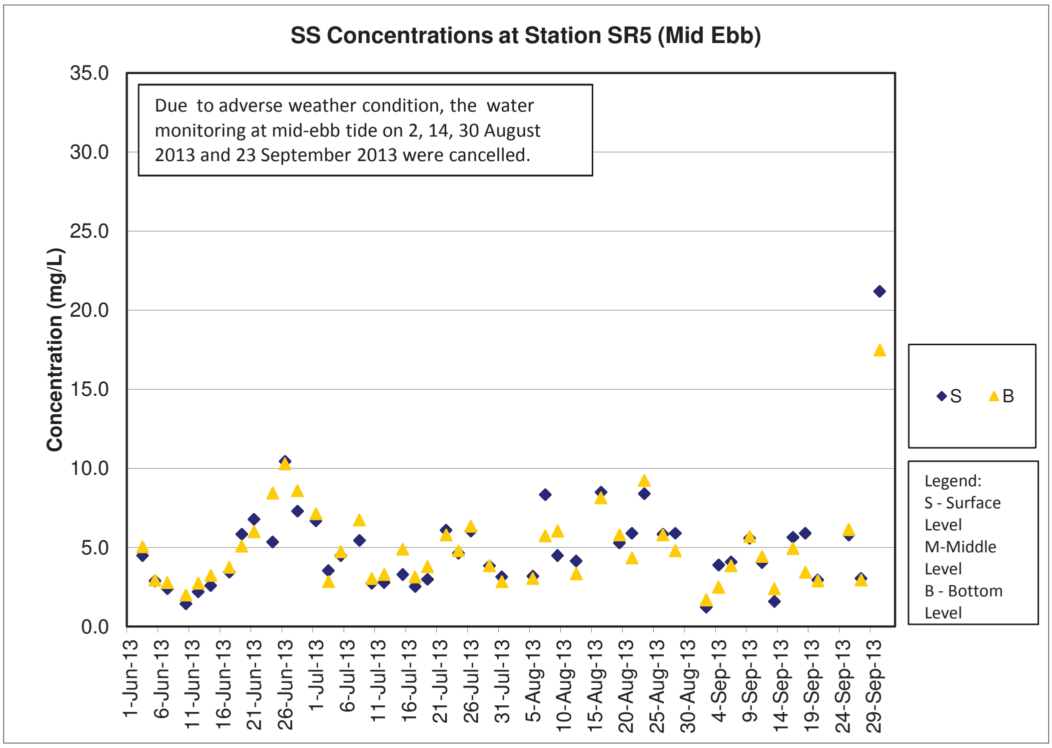
SS Concentrations at Station IS10 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 24 June 2013, 2, 14 August 2013 and 23 September 2013 were cancelled.
Concentration (mg/L)
50.0
40.0
30.0
20.0
10.0
0.0
1-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-13
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

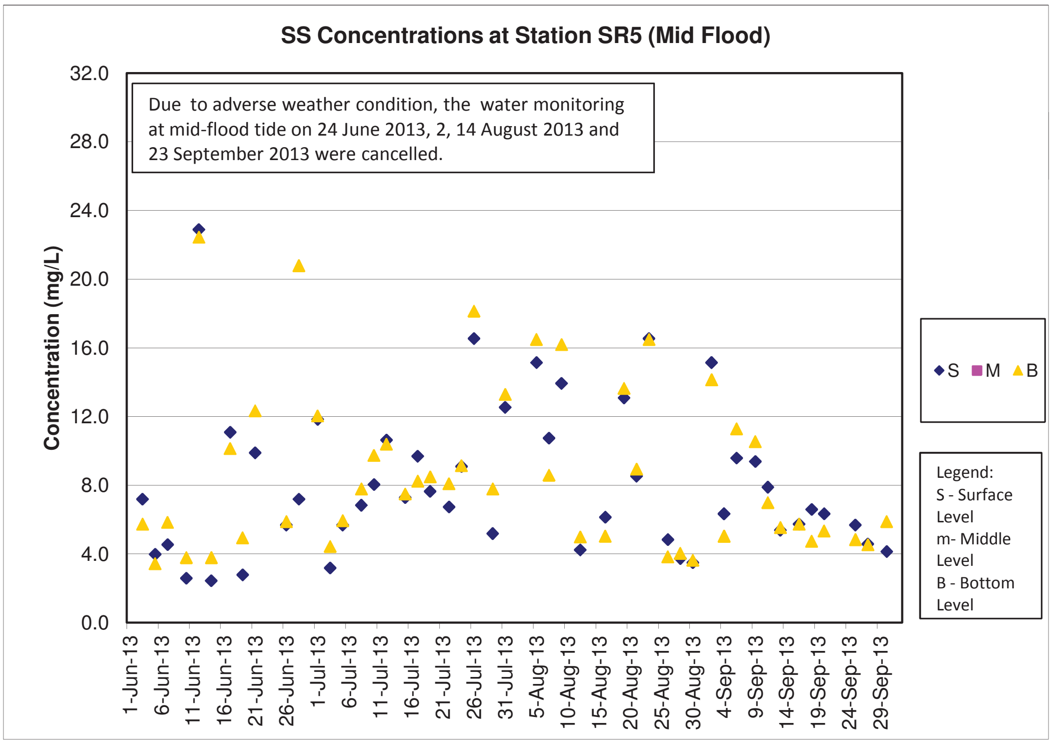

SS Concentrations at Station SR3 (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide on 2, 14, 30 August 2013 and 23 September 2013 were cancelled.
Concentration (mg/L)
0.0
4.0
8.0
12.0
16.0
20.0
24.0
28.0
1-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-13
M
Legend:
M - Middle Level

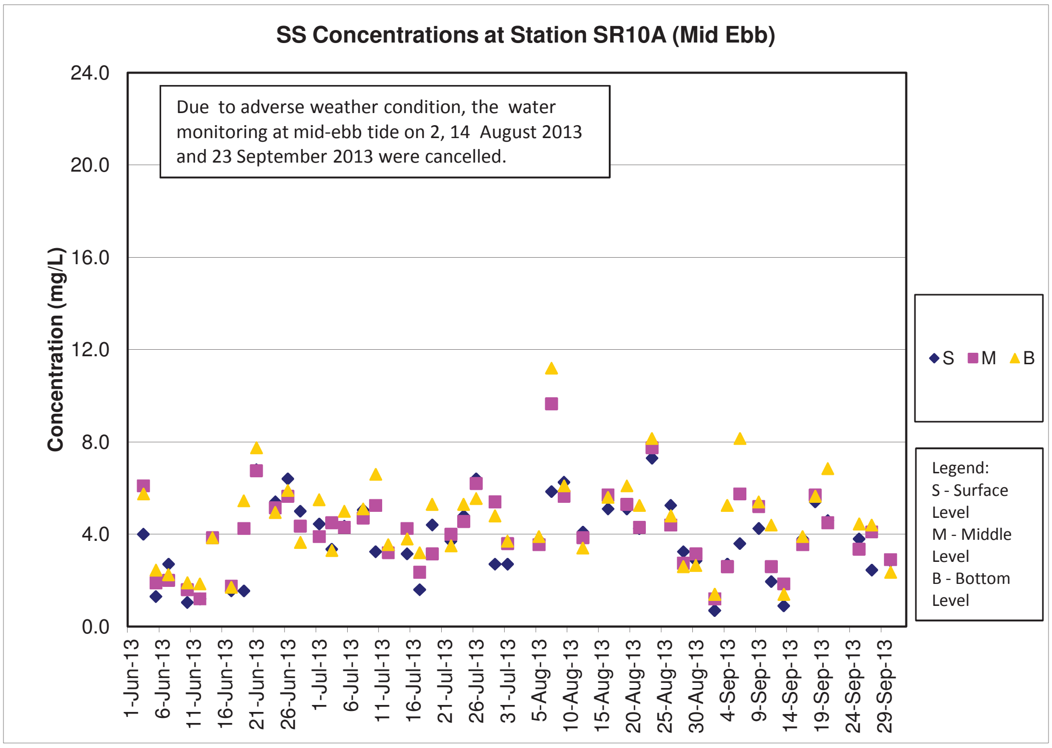

SS Concentrations at Station SR3 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 24 June 2013, 2, 14 August 2013 and 23 September 2013 were cancelled.
Concentration (mg/L)
0.0
4.0
8.0
12.0
16.0
20.0
24.0
1-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-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 2, 14, 30 August 2013 and 23 September 2013 were cancelled.
Concentration (mg/L)
S
B
Legend:
S - Surface Level
B - Bottom Level

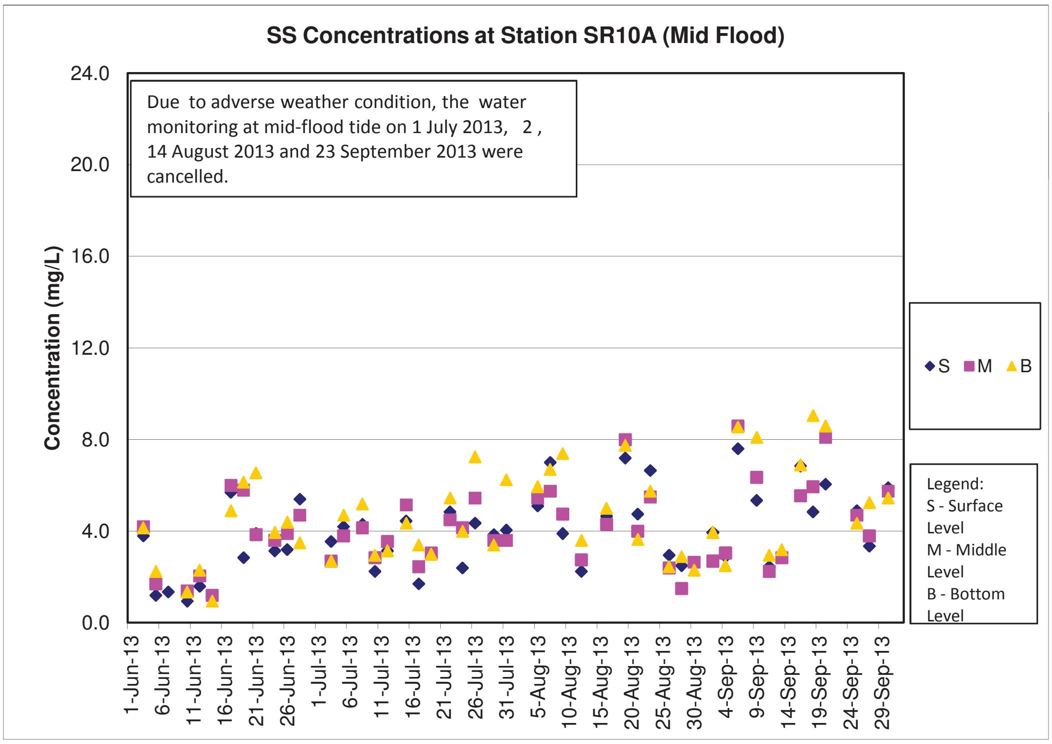

SS Concentrations at Station SR4 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 24 June 2013, 2, 14 August 2013 and 23 September 2013 were cancelled.
Concentration (mg/L)
S
B
Legend:
S - Surface Level
B - Bottom Level


SS Concentrations at Station SR5 (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide on 2, 14, 30 August 2013 and 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-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-13
S
B
Legend:
S - Surface Level
M-Middle Level
B - Bottom Level

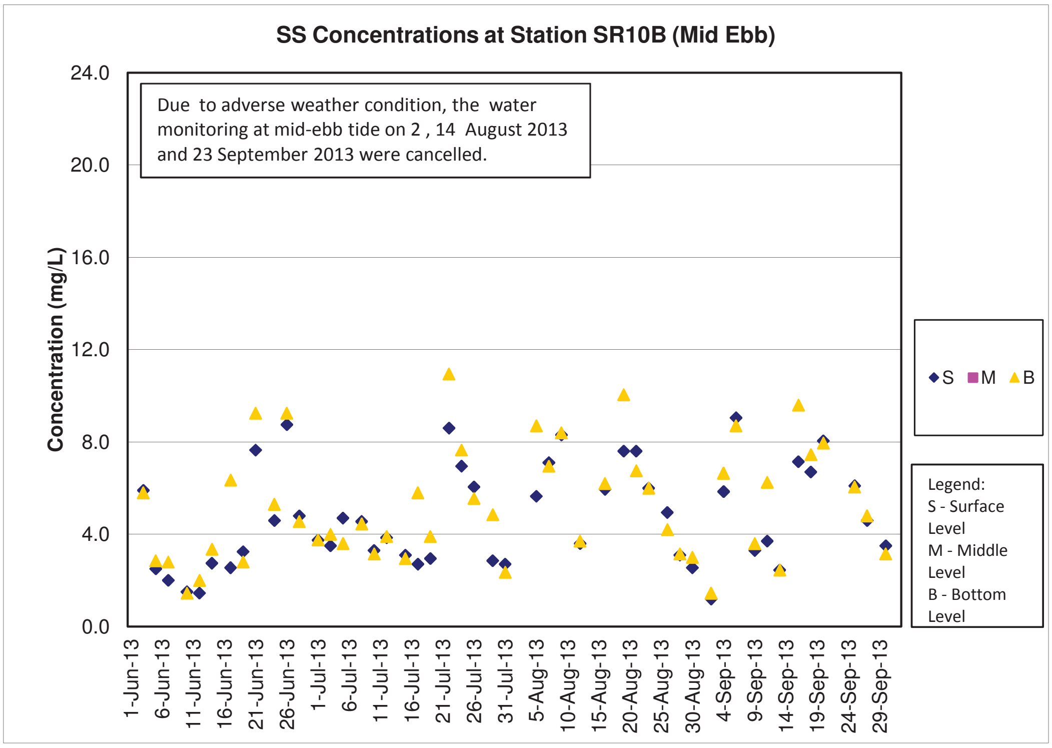

SS Concentrations at Station SR5 (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 24 June 2013, 2, 14 August 2013 and 23 September 2013 were cancelled.
Concentration (mg/L)
32.0
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-13
S
M
B
Legend:
S - Surface Level
m- Middle Level
B - Bottom Level

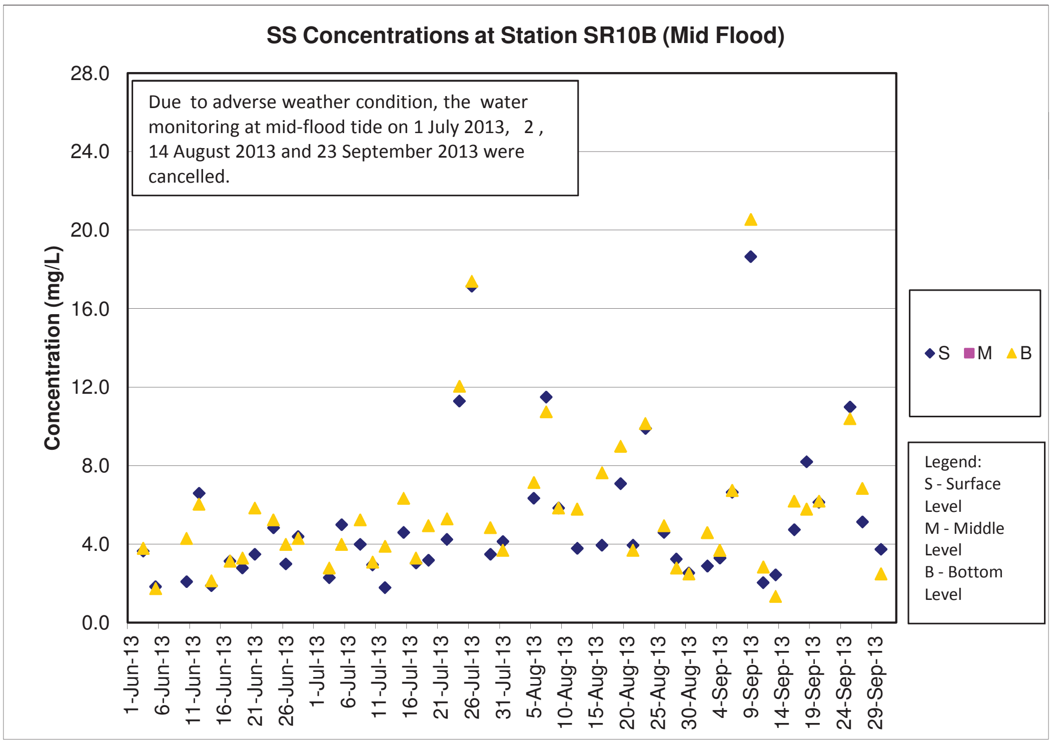


SS Concentrations at Station SR10A (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide on 2, 14 August 2013 and 23 September 2013 were cancelled.
Concentration (mg/L)
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-13
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level



SS Concentrations at Station SR10A (Mid Flood)
Due to adverse weather condition, the water monitoring at mid-flood tide on 1 July 2013, 2 , 14 August 2013 and 23 September 2013 were cancelled.
Concentration (mg/L)
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-13
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


SS Concentrations at Station SR10B (Mid Ebb)
Due to adverse weather condition, the water monitoring at mid-ebb tide on 2 , 14 August 2013 and 23 September 2013 were cancelled.
Concentration (mg/L)
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-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 1 July 2013, 2 , 14 August 2013 and 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-Jun-13
6-Jun-13
11-Jun-13
16-Jun-13
21-Jun-13
26-Jun-13
1-Jul-13
6-Jul-13
11-Jul-13
16-Jul-13
21-Jul-13
26-Jul-13
31-Jul-13
5-Aug-13
10-Aug-13
15-Aug-13
20-Aug-13
25-Aug-13
30-Aug-13
4-Sep-13
9-Sep-13
14-Sep-13
19-Sep-13
24-Sep-13
29-Sep-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
01/09/2013	00:05	2	NW
01/09/2013	00:10	0	NNW
01/09/2013	00:15	0	---
01/09/2013	00:20	1	NNW
01/09/2013	00:25	2	W
01/09/2013	00:30	1	W
01/09/2013	00:35	1	NNW
01/09/2013	00:40	1	SSE
01/09/2013	00:45	0	SSE
01/09/2013	00:50	1	SSE
01/09/2013	00:55	0	SSE
01/09/2013	01:00	1	SSE
01/09/2013	01:05	1	SSE
01/09/2013	01:10	2	SSE
01/09/2013	01:15	2	S
01/09/2013	01:20	1	S
01/09/2013	01:25	0	S
01/09/2013	01:30	1	W
01/09/2013	01:35	0	W
01/09/2013	01:40	1	W
01/09/2013	01:45	1	WNW
01/09/2013	01:50	1	WNW
01/09/2013	01:55	1	WNW
01/09/2013	02:00	0	---
01/09/2013	02:05	0	WNW
01/09/2013	02:10	0	---
01/09/2013	02:15	0	---
01/09/2013	02:20	0	---
01/09/2013	02:25	0	---
01/09/2013	02:30	0	---
01/09/2013	02:35	0	---
01/09/2013	02:40	0	---
01/09/2013	02:45	0	WNW
01/09/2013	02:50	0	WNW
01/09/2013	02:55	0	WNW
01/09/2013	03:00	2	WNW
01/09/2013	03:05	0	WNW
01/09/2013	03:10	0	WNW
01/09/2013	03:15	0	WNW
01/09/2013	03:20	1	WNW
01/09/2013	03:25	0	WNW
01/09/2013	03:30	0	WNW
01/09/2013	03:35	0	WNW
01/09/2013	03:40	2	WNW
01/09/2013	03:45	2	WNW
01/09/2013	03:50	2	WNW
01/09/2013	03:55	2	WNW
01/09/2013	04:00	3	WNW
01/09/2013	04:05	3	WNW
01/09/2013	04:10	2	W
01/09/2013	04:15	2	WNW
01/09/2013	04:20	2	WNW
01/09/2013	04:25	2	NW
01/09/2013	04:30	2	NW
01/09/2013	04:35	2	WNW
01/09/2013	04:40	2	WNW
01/09/2013	04:45	1	WNW
01/09/2013	04:50	2	W
01/09/2013	04:55	2	WNW
01/09/2013	05:00	2	NW
01/09/2013	05:05	2	W
01/09/2013	05:10	1	W
01/09/2013	05:15	1	WNW
01/09/2013	05:20	2	WNW
01/09/2013	05:25	3	NNW
01/09/2013	05:30	1	NNW
01/09/2013	05:35	2	WNW
01/09/2013	05:40	2	NW
01/09/2013	05:45	0	---
01/09/2013	05:50	1	NW
01/09/2013	05:55	2	WNW
01/09/2013	06:00	2	WNW
01/09/2013	06:05	2	NW
01/09/2013	06:10	2	WNW
01/09/2013	06:15	2	NW
01/09/2013	06:20	3	NW
01/09/2013	06:25	3	NW
01/09/2013	06:30	2	NNW
01/09/2013	06:35	3	N
01/09/2013	06:40	3	NNW
01/09/2013	06:45	3	NNW
01/09/2013	06:50	3	NNW
01/09/2013	06:55	1	NW
01/09/2013	07:00	1	NW
01/09/2013	07:05	0	NW
01/09/2013	07:10	1	WNW
01/09/2013	07:15	2	WNW
01/09/2013	07:20	2	NW

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

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

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

Date	Time	Wind Speed (mph)	Wind Direction	Date	Time	Wind Speed (mph)	Wind Direction
01/09/2013	14:45	5	SE	01/09/2013	18:25	2	SE
01/09/2013	14:50	4	SE	01/09/2013	18:30	2	N
01/09/2013	14:55	4	SE	01/09/2013	18:35	3	NNW
01/09/2013	15:00	3	SE	01/09/2013	18:40	5	NNW
01/09/2013	15:05	3	E	01/09/2013	18:45	2	NW
01/09/2013	15:10	7	ENE	01/09/2013	18:50	2	N
01/09/2013	15:15	4	SSE	01/09/2013	18:55	4	NW
01/09/2013	15:20	4	E	01/09/2013	19:00	5	NW
01/09/2013	15:25	4	E	01/09/2013	19:05	5	NW
01/09/2013	15:30	4	SSE	01/09/2013	19:10	9	NW
01/09/2013	15:35	5	SE	01/09/2013	19:15	6	N
01/09/2013	15:40	2	SE	01/09/2013	19:20	7	N
01/09/2013	15:45	4	ESE	01/09/2013	19:25	4	W
01/09/2013	15:50	6	ESE	01/09/2013	19:30	2	E
01/09/2013	15:55	4	S	01/09/2013	19:35	2	S
01/09/2013	16:00	4	SSE	01/09/2013	19:40	3	E
01/09/2013	16:05	3	SE	01/09/2013	19:45	2	SSW
01/09/2013	16:10	4	SE	01/09/2013	19:50	0	SSE
01/09/2013	16:15	4	NNE	01/09/2013	19:55	1	SSE
01/09/2013	16:20	4	ESE	01/09/2013	20:00	2	SSE
01/09/2013	16:25	4	ESE	01/09/2013	20:05	5	SSE
01/09/2013	16:30	3	ENE	01/09/2013	20:10	5	SSE
01/09/2013	16:35	5	ESE	01/09/2013	20:15	5	SE
01/09/2013	16:40	6	ESE	01/09/2013	20:20	5	SSE
01/09/2013	16:45	4	SSE	01/09/2013	20:25	3	SSE
01/09/2013	16:50	4	NNE	01/09/2013	20:30	3	SSE
01/09/2013	16:55	5	NE	01/09/2013	20:35	2	SE
01/09/2013	17:00	5	N	01/09/2013	20:40	1	SE
01/09/2013	17:05	9	NW	01/09/2013	20:45	2	SSE
01/09/2013	17:10	8	NNW	01/09/2013	20:50	2	S
01/09/2013	17:15	5	NNE	01/09/2013	20:55	2	SSE
01/09/2013	17:20	7	NNW	01/09/2013	21:00	1	SSE
01/09/2013	17:25	6	N	01/09/2013	21:05	2	S
01/09/2013	17:30	7	N	01/09/2013	21:10	2	SSW
01/09/2013	17:35	6	NNW	01/09/2013	21:15	1	SSW
01/09/2013	17:40	5	NNE	01/09/2013	21:20	1	SSW
01/09/2013	17:45	5	N	01/09/2013	21:25	1	S
01/09/2013	17:50	5	NNE	01/09/2013	21:30	2	SE
01/09/2013	17:55	4	NE	01/09/2013	21:35	3	SSE
01/09/2013	18:00	4	NNE	01/09/2013	21:40	4	SSE
01/09/2013	18:05	3	N	01/09/2013	21:45	4	SSE
01/09/2013	18:10	4	N	01/09/2013	21:50	3	SSE
01/09/2013	18:15	4	N	01/09/2013	21:55	2	S
01/09/2013	18:20	3	SSE	01/09/2013	22:00	2	SSE

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

Date	Time	Wind Speed (mph)	Wind Direction
01/09/2013	22:05	4	SSE
01/09/2013	22:10	3	SSE
01/09/2013	22:15	2	SSE
01/09/2013	22:20	1	S
01/09/2013	22:25	2	S
01/09/2013	22:30	2	SSE
01/09/2013	22:35	2	SSE
01/09/2013	22:40	0	WSW
01/09/2013	22:45	1	WNW
01/09/2013	22:50	2	NW
01/09/2013	22:55	2	NW
01/09/2013	23:00	1	SSW
01/09/2013	23:05	0	SSW
01/09/2013	23:10	1	NNW
01/09/2013	23:15	2	N
01/09/2013	23:20	2	S
01/09/2013	23:25	3	NE
01/09/2013	23:30	4	WNW
01/09/2013	23:35	2	NW
01/09/2013	23:40	3	WNW
01/09/2013	23:45	4	S
01/09/2013	23:50	3	ESE
01/09/2013	23:55	1	ESE
02/09/2013	00:00	0	---
02/09/2013	00:05	2	ESE
02/09/2013	00:10	3	SSE
02/09/2013	00:15	3	SE
02/09/2013	00:20	3	SE
02/09/2013	00:25	2	S
02/09/2013	00:30	1	WSW
02/09/2013	00:35	0	WSW
02/09/2013	00:40	2	SE
02/09/2013	00:45	1	SE
02/09/2013	00:50	0	---
02/09/2013	00:55	0	---
02/09/2013	01:00	0	---
02/09/2013	01:05	0	---
02/09/2013	01:10	0	---
02/09/2013	01:15	0	WNW
02/09/2013	01:20	1	WNW
02/09/2013	01:25	0	---
02/09/2013	01:30	0	---
02/09/2013	01:35	0	---
02/09/2013	01:40	0	---

Date	Time	Wind Speed (mph)	Wind Direction
02/09/2013	01:45	0	---
02/09/2013	01:50	0	---
02/09/2013	01:55	0	---
02/09/2013	02:00	2	NW
02/09/2013	02:05	3	NW
02/09/2013	02:10	2	WNW
02/09/2013	02:15	2	WNW
02/09/2013	02:20	1	WNW
02/09/2013	02:25	1	WNW
02/09/2013	02:30	0	WNW
02/09/2013	02:35	1	WNW
02/09/2013	02:40	0	WNW
02/09/2013	02:45	0	WNW
02/09/2013	02:50	1	SSW
02/09/2013	02:55	0	---
02/09/2013	03:00	0	---
02/09/2013	03:05	1	WNW
02/09/2013	03:10	1	WNW
02/09/2013	03:15	0	SE
02/09/2013	03:20	0	SE
02/09/2013	03:25	1	SE
02/09/2013	03:30	0	SSE
02/09/2013	03:35	1	SSE
02/09/2013	03:40	1	W
02/09/2013	03:45	1	NW
02/09/2013	03:50	0	NW
02/09/2013	03:55	0	NW
02/09/2013	04:00	0	NW
02/09/2013	04:05	1	NW
02/09/2013	04:10	0	NW
02/09/2013	04:15	1	NW
02/09/2013	04:20	0	NW
02/09/2013	04:25	0	NW
02/09/2013	04:30	0	NW
02/09/2013	04:35	1	NW
02/09/2013	04:40	2	NW
02/09/2013	04:45	4	NW
02/09/2013	04:50	3	NNW
02/09/2013	04:55	1	NW
02/09/2013	05:00	1	N
02/09/2013	05:05	0	N
02/09/2013	05:10	1	N
02/09/2013	05:15	0	SSW
02/09/2013	05:20	0	SSW

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

Date	Time	Wind Speed (mph)	Wind Direction
02/09/2013	05:25	1	SSW
02/09/2013	05:30	0	SSW
02/09/2013	05:35	0	---
02/09/2013	05:40	0	---
02/09/2013	05:45	0	---
02/09/2013	05:50	0	---
02/09/2013	05:55	0	---
02/09/2013	06:00	0	---
02/09/2013	06:05	0	---
02/09/2013	06:10	0	---
02/09/2013	06:15	0	---
02/09/2013	06:20	0	---
02/09/2013	06:25	0	---
02/09/2013	06:30	0	---
02/09/2013	06:35	0	---
02/09/2013	06:40	0	---
02/09/2013	06:45	0	---
02/09/2013	06:50	0	---
02/09/2013	06:55	0	---
02/09/2013	07:00	0	---
02/09/2013	07:05	0	---
02/09/2013	07:10	0	---
02/09/2013	07:15	0	---
02/09/2013	07:20	0	---
02/09/2013	07:25	0	---
02/09/2013	07:30	0	---
02/09/2013	07:35	0	---
02/09/2013	07:40	0	---
02/09/2013	07:45	0	---
02/09/2013	07:50	0	---
02/09/2013	07:55	0	---
02/09/2013	08:00	0	---
02/09/2013	08:05	0	ESE
02/09/2013	08:10	1	ESE
02/09/2013	08:15	0	ESE
02/09/2013	08:20	2	ESE
02/09/2013	08:25	1	ENE
02/09/2013	08:30	2	E
02/09/2013	08:35	2	E
02/09/2013	08:40	2	E
02/09/2013	08:45	1	NE
02/09/2013	08:50	1	E
02/09/2013	08:55	2	E
02/09/2013	09:00	3	ESE

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

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

Date	Time	Wind Speed (mph)	Wind Direction	Date	Time	Wind Speed (mph)	Wind Direction
02/09/2013	12:45	4	SSE	03/09/2013	23:10	0	---
02/09/2013	12:50	4	ESE	03/09/2013	23:15	0	---
02/09/2013	12:55	5	SSE	03/09/2013	23:20	0	---
02/09/2013	13:00	4	SSE	03/09/2013	23:25	0	---
02/09/2013	13:05	4	SSE	03/09/2013	23:30	0	---
02/09/2013	13:10	4	SSE	03/09/2013	23:35	0	---
02/09/2013	13:15	4	SE	03/09/2013	23:40	0	---
02/09/2013	13:20	3	ESE	03/09/2013	23:45	0	---
02/09/2013	13:25	5	E	03/09/2013	23:50	0	---
02/09/2013	13:30	6	E	03/09/2013	23:55	0	---
02/09/2013	13:35	5	E	04/09/2013	00:00	0	---
02/09/2013	13:40	5	E	04/09/2013	00:05	0	---
02/09/2013	13:45	6	E	04/09/2013	00:10	0	---
02/09/2013	13:50	7	E	04/09/2013	00:15	0	---
02/09/2013	13:55	6	E	04/09/2013	00:20	0	---
02/09/2013	14:00	5	E	04/09/2013	00:25	1	SSW
02/09/2013	14:05	3	ENE	04/09/2013	00:30	2	SE
02/09/2013	14:10	5	E	04/09/2013	00:35	0	SE
02/09/2013	14:15	4	ESE	04/09/2013	00:40	0	SE
02/09/2013	14:20	4	E	04/09/2013	00:45	1	N
03/09/2013	21:10	0	---	04/09/2013	00:50	1	NNW
03/09/2013	21:15	2	NNW	04/09/2013	00:55	0	NNW
03/09/2013	21:20	2	NNW	04/09/2013	01:00	0	---
03/09/2013	21:25	2	NNW	04/09/2013	01:05	0	---
03/09/2013	21:30	2	NW	04/09/2013	01:10	2	NNW
03/09/2013	21:35	0	WNW	04/09/2013	01:15	2	NNE
03/09/2013	21:40	1	WNW	04/09/2013	01:20	2	SE
03/09/2013	21:45	1	WNW	04/09/2013	01:25	1	ESE
03/09/2013	21:50	0	---	04/09/2013	01:30	0	---
03/09/2013	21:55	0	---	04/09/2013	01:35	0	SSE
03/09/2013	22:00	0	---	04/09/2013	01:40	0	SSE
03/09/2013	22:05	1	WNW	04/09/2013	01:45	1	S
03/09/2013	22:10	1	WNW	04/09/2013	01:50	4	SSE
03/09/2013	22:15	0	WNW	04/09/2013	01:55	2	SE
03/09/2013	22:20	1	WNW	04/09/2013	02:00	0	SE
03/09/2013	22:25	1	WNW	04/09/2013	02:05	1	SE
03/09/2013	22:30	0	WNW	04/09/2013	02:10	1	ENE
03/09/2013	22:35	0	---	04/09/2013	02:15	2	S
03/09/2013	22:40	0	---	04/09/2013	02:20	1	S
03/09/2013	22:45	0	---	04/09/2013	02:25	4	SSW
03/09/2013	22:50	0	---	04/09/2013	02:30	2	SSE
03/09/2013	22:55	0	---	04/09/2013	02:35	1	WSW
03/09/2013	23:00	0	---	04/09/2013	02:40	1	S
03/09/2013	23:05	0	---	04/09/2013	02:45	0	SW

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

Date	Time	Wind Speed (mph)	Wind Direction	Date	Time	Wind Speed (mph)	Wind Direction
04/09/2013	02:50	2	ESE	04/09/2013	06:30	2	WSW
04/09/2013	02:55	1	SSE	04/09/2013	06:35	2	WNW
04/09/2013	03:00	3	E	04/09/2013	06:40	4	WNW
04/09/2013	03:05	3	SSW	04/09/2013	06:45	3	NNW
04/09/2013	03:10	5	E	04/09/2013	06:50	2	NNW
04/09/2013	03:15	3	ESE	04/09/2013	06:55	0	NNW
04/09/2013	03:20	3	SE	04/09/2013	07:00	3	N
04/09/2013	03:25	3	SSE	04/09/2013	07:05	3	NNW
04/09/2013	03:30	2	WNW	04/09/2013	07:10	3	NE
04/09/2013	03:35	3	ESE	04/09/2013	07:15	4	SE
04/09/2013	03:40	3	SE	04/09/2013	07:20	6	E
04/09/2013	03:45	5	SSE	04/09/2013	07:25	3	S
04/09/2013	03:50	6	SSE	04/09/2013	07:30	2	SSE
04/09/2013	03:55	5	SSE	04/09/2013	07:35	3	NE
04/09/2013	04:00	3	SE	04/09/2013	07:40	3	NNE
04/09/2013	04:05	4	S	04/09/2013	07:45	2	N
04/09/2013	04:10	5	SSE	04/09/2013	07:50	2	ENE
04/09/2013	04:15	6	SE	04/09/2013	07:55	4	ENE
04/09/2013	04:20	7	SSE	04/09/2013	08:00	2	ENE
04/09/2013	04:25	3	ESE	04/09/2013	08:05	1	ENE
04/09/2013	04:30	3	NNW	04/09/2013	08:10	2	SSE
04/09/2013	04:35	3	SSW	04/09/2013	08:15	2	SE
04/09/2013	04:40	2	N	04/09/2013	08:20	1	SE
04/09/2013	04:45	5	N	04/09/2013	08:25	2	ENE
04/09/2013	04:50	5	SSE	04/09/2013	08:30	2	ENE
04/09/2013	04:55	2	NW	04/09/2013	08:35	2	SE
04/09/2013	05:00	2	SSE	04/09/2013	08:40	3	SW
04/09/2013	05:05	2	SE	04/09/2013	08:45	7	E
04/09/2013	05:10	3	WNW	04/09/2013	08:50	7	NNW
04/09/2013	05:15	2	WNW	04/09/2013	08:55	7	N
04/09/2013	05:20	4	NW	04/09/2013	09:00	7	NNW
04/09/2013	05:25	5	NNW	04/09/2013	09:05	5	NNW
04/09/2013	05:30	3	NNW	04/09/2013	09:10	6	N
04/09/2013	05:35	1	NNW	04/09/2013	09:15	5	NNW
04/09/2013	05:40	2	SE	04/09/2013	09:20	5	SE
04/09/2013	05:45	2	NW	04/09/2013	09:25	7	NNW
04/09/2013	05:50	3	NNW	04/09/2013	09:30	6	NNW
04/09/2013	05:55	3	N	04/09/2013	09:35	4	N
04/09/2013	06:00	2	E	04/09/2013	09:40	4	SSE
04/09/2013	06:05	4	NE	04/09/2013	09:45	3	W
04/09/2013	06:10	4	N	04/09/2013	09:50	4	SE
04/09/2013	06:15	6	NNW	04/09/2013	09:55	2	SSE
04/09/2013	06:20	4	N	04/09/2013	10:00	2	SSE
04/09/2013	06:25	2	NNE	04/09/2013	10:05	1	WSW

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

Date	Time	Wind Speed (mph)	Wind Direction
04/09/2013	10:10	1	WSW
04/09/2013	10:15	2	SSE
04/09/2013	10:20	2	SSE
04/09/2013	10:25	0	E
04/09/2013	10:30	0	E
04/09/2013	10:35	1	NE
04/09/2013	10:40	4	NE
04/09/2013	10:45	3	ENE
04/09/2013	10:50	3	N
04/09/2013	10:55	3	S
04/09/2013	11:00	5	S
04/09/2013	11:05	1	S
04/09/2013	11:10	1	S
04/09/2013	11:15	1	ENE
04/09/2013	11:20	1	SE
04/09/2013	11:25	1	ENE
04/09/2013	11:30	1	SW
04/09/2013	11:35	2	SW
04/09/2013	11:40	2	SSW
04/09/2013	11:45	1	WNW
04/09/2013	11:50	1	NW
04/09/2013	11:55	2	NE
04/09/2013	12:00	2	S
04/09/2013	12:05	5	N
04/09/2013	12:10	6	NW
04/09/2013	12:15	2	S
04/09/2013	12:20	2	ESE
04/09/2013	12:25	1	NNW
04/09/2013	12:30	1	SE
04/09/2013	12:35	2	SE
04/09/2013	12:40	2	ESE
04/09/2013	12:45	2	SSE
04/09/2013	12:50	4	SSE
04/09/2013	12:55	4	SSE
04/09/2013	13:00	1	SSE
04/09/2013	13:05	0	SSE
04/09/2013	13:10	1	WNW
04/09/2013	13:15	0	N
04/09/2013	13:20	0	---
04/09/2013	13:25	0	---
04/09/2013	13:30	1	ESE
04/09/2013	13:35	4	SSE
04/09/2013	13:40	7	SSE
04/09/2013	13:45	6	SSE

Date	Time	Wind Speed (mph)	Wind Direction
04/09/2013	13:50	8	SSE
04/09/2013	13:55	8	SSE
04/09/2013	14:00	8	SSE
04/09/2013	14:05	8	SSE
04/09/2013	14:10	9	SSE
04/09/2013	14:15	8	SSE
04/09/2013	14:20	7	SSE
04/09/2013	14:25	8	SSE
04/09/2013	14:30	8	SSE
04/09/2013	14:35	7	SSE
04/09/2013	14:40	5	SSE
04/09/2013	14:45	7	SSE
04/09/2013	14:50	4	SSE
04/09/2013	14:55	4	SSE
04/09/2013	15:00	2	SSE
04/09/2013	15:05	2	SE
04/09/2013	15:10	4	SSE
04/09/2013	15:15	7	SSE
04/09/2013	15:20	5	SSE
04/09/2013	15:25	3	SSE
04/09/2013	15:30	6	SE
04/09/2013	15:35	6	SSE
04/09/2013	15:40	4	SSE
04/09/2013	15:45	7	SSE
04/09/2013	15:50	9	SSE
04/09/2013	15:55	13	SSE
04/09/2013	16:00	12	SSE
04/09/2013	16:05	9	SSE
04/09/2013	16:10	8	SSE
04/09/2013	16:15	9	SSE
04/09/2013	16:20	6	SSE
04/09/2013	16:25	6	SSE
04/09/2013	16:30	7	SSE
04/09/2013	16:35	6	SE
04/09/2013	16:40	5	SE
04/09/2013	16:45	4	SSE
04/09/2013	16:50	5	SSE
04/09/2013	16:55	3	SSE
04/09/2013	17:00	3	SSE
04/09/2013	17:05	3	WNW
04/09/2013	17:10	4	SSE
04/09/2013	17:15	3	E
04/09/2013	17:20	3	NNE
04/09/2013	17:25	2	SE

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

Date	Time	Wind Speed (mph)	Wind Direction
04/09/2013	17:30	5	SSE
04/09/2013	17:35	6	SE
04/09/2013	17:40	5	SE
04/09/2013	17:45	8	SSE
04/09/2013	17:50	8	SSE
04/09/2013	17:55	9	SSE
04/09/2013	18:00	9	SSE
04/09/2013	18:05	8	SSE
04/09/2013	18:10	9	SSE
04/09/2013	18:15	8	SSE
04/09/2013	18:20	7	SSE
04/09/2013	18:25	7	SSE
04/09/2013	18:30	5	SSE
04/09/2013	18:35	7	SSE
04/09/2013	18:40	7	SSE
04/09/2013	18:45	7	SSE
04/09/2013	18:50	8	SSE
04/09/2013	18:55	7	SSE
04/09/2013	19:00	7	SSE
04/09/2013	19:05	4	SE
04/09/2013	19:10	4	ESE
04/09/2013	19:15	4	SE
04/09/2013	19:20	5	SE
04/09/2013	19:25	6	SE
04/09/2013	19:30	1	SW
04/09/2013	19:35	2	WNW
04/09/2013	19:40	2	WSW
04/09/2013	19:45	6	SSE
04/09/2013	19:50	2	S
04/09/2013	19:55	1	E
04/09/2013	20:00	3	SSE
04/09/2013	20:05	5	SE
04/09/2013	20:10	2	SE
04/09/2013	20:15	2	NE
04/09/2013	20:20	4	E
04/09/2013	20:25	5	SSE
04/09/2013	20:30	3	SSE
04/09/2013	20:35	4	SE
04/09/2013	20:40	3	SSE
04/09/2013	20:45	6	SSE
04/09/2013	20:50	7	SSE
04/09/2013	20:55	6	SSE
04/09/2013	21:00	6	SSE
04/09/2013	21:05	8	SSE

Date	Time	Wind Speed (mph)	Wind Direction
04/09/2013	21:10	6	SSE
04/09/2013	21:15	8	SSE
04/09/2013	21:20	7	SSE
04/09/2013	21:25	7	SSE
04/09/2013	21:30	7	SSE
04/09/2013	21:35	5	SSE
04/09/2013	21:40	7	SSE
04/09/2013	21:45	5	SSE
04/09/2013	21:50	5	E
04/09/2013	21:55	3	SSE
04/09/2013	22:00	4	SSE
04/09/2013	22:05	5	SSE
04/09/2013	22:10	5	SE
04/09/2013	22:15	3	SE
04/09/2013	22:20	2	NE
04/09/2013	22:25	1	NE
04/09/2013	22:30	1	WNW
04/09/2013	22:35	2	SE
04/09/2013	22:40	2	ENE
04/09/2013	22:45	1	SW
04/09/2013	22:50	2	ESE
04/09/2013	22:55	2	E
04/09/2013	23:00	3	NW
04/09/2013	23:05	4	NNE
04/09/2013	23:10	4	NE
04/09/2013	23:15	7	NNW
04/09/2013	23:20	4	NNE
04/09/2013	23:25	7	N
04/09/2013	23:30	6	N
04/09/2013	23:35	3	NNE
04/09/2013	23:40	3	NNW
04/09/2013	23:45	3	NE
04/09/2013	23:50	7	SSE
04/09/2013	23:55	8	SE
05/09/2013	00:00	6	ESE
05/09/2013	00:05	2	SE
05/09/2013	00:10	3	NNE
05/09/2013	00:15	3	ENE
05/09/2013	00:20	5	N
05/09/2013	00:25	5	SE
05/09/2013	00:30	9	SSE
05/09/2013	00:35	10	SSE
05/09/2013	00:40	9	SSE
05/09/2013	00:45	7	SSE

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

Date	Time	Wind Speed (mph)	Wind Direction
05/09/2013	00:50	9	SSE
05/09/2013	00:55	6	S
05/09/2013	01:00	8	SSE
05/09/2013	01:05	7	SSE
05/09/2013	01:10	6	SSE
05/09/2013	01:15	4	SSE
05/09/2013	01:20	5	SSE
05/09/2013	01:25	7	SSE
05/09/2013	01:30	8	SSE
05/09/2013	01:35	6	SE
05/09/2013	01:40	5	SE
05/09/2013	01:45	3	SSE
05/09/2013	01:50	4	SE
05/09/2013	01:55	6	SE
05/09/2013	02:00	6	SSE
05/09/2013	02:05	5	SE
05/09/2013	02:10	7	SE
05/09/2013	02:15	8	SE
05/09/2013	02:20	8	SE
05/09/2013	02:25	7	SSE
05/09/2013	02:30	8	SSE
05/09/2013	02:35	7	SSE
05/09/2013	02:40	5	SSE
05/09/2013	02:45	6	SSE
05/09/2013	02:50	7	SSE
05/09/2013	02:55	5	SSE
05/09/2013	03:00	6	SSE
05/09/2013	03:05	7	SSE
05/09/2013	03:10	5	SSE
05/09/2013	03:15	6	SSE
05/09/2013	03:20	3	SSE
05/09/2013	03:25	6	SSE
05/09/2013	03:30	8	SSE
05/09/2013	03:35	7	SE
05/09/2013	03:40	7	SSE
05/09/2013	03:45	5	SSE
05/09/2013	03:50	6	SSE
05/09/2013	03:55	7	SE
05/09/2013	04:00	7	SSE
05/09/2013	04:05	7	SSE
05/09/2013	04:10	7	SSE
05/09/2013	04:15	6	SSE
05/09/2013	04:20	6	SSE
05/09/2013	04:25	7	SSE

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

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

Date	Time	Wind Speed (mph)	Wind Direction
05/09/2013	08:10	5	SSE
05/09/2013	08:15	5	SSE
05/09/2013	08:20	5	SSE
05/09/2013	08:25	5	SSE
05/09/2013	08:30	5	SSE
05/09/2013	08:35	7	SE
05/09/2013	08:40	7	SE
05/09/2013	08:45	8	SSE
05/09/2013	08:50	7	SE
05/09/2013	08:55	5	SSE
05/09/2013	09:00	4	SSE
05/09/2013	09:05	3	SE
05/09/2013	09:10	4	SE
05/09/2013	09:15	3	NNW
05/09/2013	09:20	5	NNW
05/09/2013	09:25	5	NW
05/09/2013	09:30	4	NW
05/09/2013	09:35	2	WNW
05/09/2013	09:40	1	WNW
05/09/2013	09:45	0	WNW
05/09/2013	09:50	0	WNW
05/09/2013	09:55	0	WNW
05/09/2013	10:00	0	---
05/09/2013	10:05	1	W
05/09/2013	10:10	1	WSW
05/09/2013	10:15	2	SE
05/09/2013	10:20	3	WNW
05/09/2013	10:25	5	NNW
05/09/2013	10:30	6	N
05/09/2013	10:35	3	N
05/09/2013	10:40	1	NNE
05/09/2013	10:45	1	SW
05/09/2013	10:50	1	SW
05/09/2013	10:55	1	S
05/09/2013	11:00	1	W
05/09/2013	11:05	1	ENE
05/09/2013	11:10	2	NNE
05/09/2013	11:15	3	NNE
05/09/2013	11:20	3	NNE
05/09/2013	11:25	2	N
05/09/2013	11:30	3	NNW
05/09/2013	11:35	3	NNW
05/09/2013	11:40	1	NNW
05/09/2013	11:45	0	NNW

Date	Time	Wind Speed (mph)	Wind Direction
05/09/2013	11:50	3	NNW
05/09/2013	11:55	4	N
05/09/2013	12:00	5	N
05/09/2013	12:05	3	NNE
05/09/2013	12:10	4	ENE
05/09/2013	12:15	4	SE
05/09/2013	12:20	6	SE
05/09/2013	12:25	8	SSE
05/09/2013	12:30	8	SSE
05/09/2013	12:35	9	SE
05/09/2013	12:40	9	SSE
05/09/2013	12:45	7	SE
05/09/2013	12:50	7	SSE
05/09/2013	12:55	8	SSE
05/09/2013	13:00	6	SE
05/09/2013	13:05	4	ESE
05/09/2013	13:10	5	E
05/09/2013	13:15	5	E
05/09/2013	13:20	4	E
05/09/2013	13:25	4	ENE
05/09/2013	13:30	3	E
05/09/2013	13:35	2	E
05/09/2013	13:40	1	ESE
05/09/2013	13:45	1	NE
05/09/2013	13:50	3	NW
05/09/2013	13:55	6	NNW
05/09/2013	14:00	3	N
05/09/2013	14:05	2	NNE
05/09/2013	14:10	2	ESE
05/09/2013	14:15	1	NE
05/09/2013	14:20	1	E
05/09/2013	14:25	3	ENE
05/09/2013	14:30	1	S
05/09/2013	14:35	1	SSE
05/09/2013	14:40	4	SSE
05/09/2013	14:45	3	SSE
05/09/2013	14:50	3	SSE
05/09/2013	14:55	3	SSE
05/09/2013	15:00	4	SSE
05/09/2013	15:05	3	SSE
05/09/2013	15:10	2	SSE
05/09/2013	15:15	5	SE
05/09/2013	15:20	6	SE
05/09/2013	15:25	4	SE

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

Date	Time	Wind Speed (mph)	Wind Direction
05/09/2013	15:30	3	ESE
05/09/2013	15:35	2	SSE
05/09/2013	15:40	1	S
05/09/2013	15:45	1	SSE
05/09/2013	15:50	2	ESE
05/09/2013	15:55	3	SE
05/09/2013	16:00	0	SE
05/09/2013	16:05	0	SSE
05/09/2013	16:10	2	SE
05/09/2013	16:15	2	SSE
05/09/2013	16:20	1	S
05/09/2013	16:25	1	S
05/09/2013	16:30	1	S
05/09/2013	16:35	1	SE
05/09/2013	16:40	0	ESE
05/09/2013	16:45	0	---
05/09/2013	16:50	0	---
05/09/2013	16:55	0	---
05/09/2013	17:00	1	SSE
05/09/2013	17:05	2	S
05/09/2013	17:10	1	S
05/09/2013	17:15	0	S
05/09/2013	17:20	0	S
05/09/2013	17:25	1	SSW
05/09/2013	17:30	2	NNE
05/09/2013	17:35	0	---
05/09/2013	17:40	0	NNE
05/09/2013	17:45	0	---
05/09/2013	17:50	0	---
05/09/2013	17:55	0	---
05/09/2013	18:00	0	SSE
05/09/2013	18:05	3	ESE
05/09/2013	18:10	4	ESE
05/09/2013	18:15	5	ESE
05/09/2013	18:20	5	SE
05/09/2013	18:25	4	ESE
05/09/2013	18:30	3	SE
05/09/2013	18:35	2	S
05/09/2013	18:40	2	ESE
05/09/2013	18:45	0	WNW
05/09/2013	18:50	2	NNW
05/09/2013	18:55	1	WSW
05/09/2013	19:00	1	S
05/09/2013	19:05	0	---

Date	Time	Wind Speed (mph)	Wind Direction
05/09/2013	19:10	0	NW
05/09/2013	19:15	1	SSE
05/09/2013	19:20	0	SSE
05/09/2013	19:25	1	SE
05/09/2013	19:30	4	SSE
05/09/2013	19:35	6	SE
05/09/2013	19:40	5	SE
05/09/2013	19:45	4	SSE
05/09/2013	19:50	4	SSE
05/09/2013	19:55	3	SE
05/09/2013	20:00	3	ESE
05/09/2013	20:05	1	ESE
05/09/2013	20:10	1	NW
05/09/2013	20:15	4	NNW
05/09/2013	20:20	3	NNW
05/09/2013	20:25	4	NNW
05/09/2013	20:30	3	N
05/09/2013	20:35	4	NNW
05/09/2013	20:40	4	NW
05/09/2013	20:45	3	NNE
05/09/2013	20:50	2	NNW
05/09/2013	20:55	1	NE
05/09/2013	21:00	2	NE
05/09/2013	21:05	1	NE
05/09/2013	21:10	0	NE
05/09/2013	21:15	1	ENE
05/09/2013	21:20	1	ENE
05/09/2013	21:25	2	ENE
05/09/2013	21:30	1	E
05/09/2013	21:35	2	ESE
05/09/2013	21:40	2	SSE
05/09/2013	21:45	1	N
05/09/2013	21:50	2	N
05/09/2013	21:55	5	NW
05/09/2013	22:00	4	NW
05/09/2013	22:05	2	NW
05/09/2013	22:10	3	NW
05/09/2013	22:15	2	NNW
05/09/2013	22:20	0	NNW
05/09/2013	22:25	1	NNW
05/09/2013	22:30	1	NNW
05/09/2013	22:35	2	NNW
05/09/2013	22:40	3	WNW
05/09/2013	22:45	2	NNW

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

Date	Time	Wind Speed (mph)	Wind Direction
05/09/2013	22:50	0	W
05/09/2013	22:55	0	WNW
05/09/2013	23:00	0	WNW
05/09/2013	23:05	0	WNW
05/09/2013	23:10	0	WNW
05/09/2013	23:15	2	ESE
05/09/2013	23:20	2	SE
05/09/2013	23:25	4	SE
05/09/2013	23:30	4	SE
05/09/2013	23:35	4	SE
05/09/2013	23:40	4	SE
05/09/2013	23:45	5	SSE
05/09/2013	23:50	5	SE
05/09/2013	23:55	2	SE
06/09/2013	00:00	3	SSE
06/09/2013	00:05	3	SSE
06/09/2013	00:10	3	SSE
06/09/2013	00:15	3	ESE
06/09/2013	00:20	3	SE
06/09/2013	00:25	1	NE
06/09/2013	00:30	2	ESE
06/09/2013	00:35	4	SSE
06/09/2013	00:40	5	SE
06/09/2013	00:45	2	S
06/09/2013	00:50	2	SE
06/09/2013	00:55	2	ENE
06/09/2013	01:00	1	WSW
06/09/2013	01:05	4	S
06/09/2013	01:10	3	SSE
06/09/2013	01:15	4	S
06/09/2013	01:20	3	E
06/09/2013	01:25	6	SE
06/09/2013	01:30	7	SE
06/09/2013	01:35	5	E
06/09/2013	01:40	6	SE
06/09/2013	01:45	7	SE
06/09/2013	01:50	7	SSE
06/09/2013	01:55	8	SSE
06/09/2013	02:00	9	SSE
06/09/2013	02:05	8	SSE
06/09/2013	02:10	8	SSE
06/09/2013	02:15	8	SSE
06/09/2013	02:20	9	SE
06/09/2013	02:25	9	SE
06/09/2013	02:30	8	SE
06/09/2013	02:35	6	SE
06/09/2013	02:40	7	SE
06/09/2013	02:45	6	SE
06/09/2013	02:50	8	SSE
06/09/2013	02:55	7	SSE
06/09/2013	03:00	9	SE
06/09/2013	03:05	9	SE
06/09/2013	03:10	10	SE
06/09/2013	03:15	9	SE
06/09/2013	03:20	8	SE
06/09/2013	03:25	9	SE
06/09/2013	03:30	12	SE
06/09/2013	03:35	9	SE
06/09/2013	03:40	7	SE
06/09/2013	03:45	9	SSE
06/09/2013	03:50	11	SE
06/09/2013	03:55	7	SSE
06/09/2013	04:00	9	SE
06/09/2013	04:05	9	SSE
06/09/2013	04:10	9	SE
06/09/2013	04:15	9	SE
06/09/2013	04:20	8	SE
06/09/2013	04:25	9	SE
06/09/2013	04:30	7	SE
06/09/2013	04:35	7	SSE
06/09/2013	04:40	7	SSE
06/09/2013	04:45	5	SSE
06/09/2013	04:50	5	SSE
06/09/2013	04:55	6	SSE
06/09/2013	05:00	7	SSE
06/09/2013	05:05	8	SSE
06/09/2013	05:10	8	SSE
06/09/2013	05:15	6	SSE
06/09/2013	05:20	6	SSE
06/09/2013	05:25	5	SSE
06/09/2013	05:30	4	SSE
06/09/2013	05:35	6	SSE
06/09/2013	05:40	5	SSE
06/09/2013	05:45	5	SSE
06/09/2013	05:50	7	SSE
06/09/2013	05:55	8	SSE
06/09/2013	06:00	7	SSE
06/09/2013	06:05	6	SSE

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

Date	Time	Wind Speed (mph)	Wind Direction
06/09/2013	06:10	7	SE
06/09/2013	06:15	7	SE
06/09/2013	06:20	4	SE
06/09/2013	06:25	6	SE
06/09/2013	06:30	5	SE
06/09/2013	06:35	7	SE
06/09/2013	06:40	3	SSE
06/09/2013	06:45	3	SSE
06/09/2013	06:50	5	SSE
06/09/2013	06:55	4	SE
06/09/2013	07:00	5	SE
06/09/2013	07:05	5	SSE
06/09/2013	07:10	3	SSE
06/09/2013	07:15	6	SE
06/09/2013	07:20	5	ESE
06/09/2013	07:25	7	SSE
06/09/2013	07:30	5	SSE
06/09/2013	07:35	5	SE
06/09/2013	07:40	5	SSE
06/09/2013	07:45	7	SSE
06/09/2013	07:50	6	SSE
06/09/2013	07:55	6	SSE
06/09/2013	08:00	6	SSE
06/09/2013	08:05	6	SE
06/09/2013	08:10	6	SSE
06/09/2013	08:15	6	SE
06/09/2013	08:20	6	SSE
06/09/2013	08:25	5	SE
06/09/2013	08:30	4	SSE
06/09/2013	08:35	5	SSE
06/09/2013	08:40	6	SE
06/09/2013	08:45	5	SSE
06/09/2013	08:50	2	SSE
06/09/2013	08:55	5	SSE
06/09/2013	09:00	4	SSE
06/09/2013	09:05	4	SE
06/09/2013	09:10	5	SSE
06/09/2013	09:15	3	SSE
06/09/2013	09:20	3	SSE
06/09/2013	09:25	4	SSE
06/09/2013	09:30	5	SE
06/09/2013	09:35	5	SSE
06/09/2013	09:40	4	SSE
06/09/2013	09:45	6	SSE
06/09/2013	09:50	6	SSE
06/09/2013	09:55	4	SSE
06/09/2013	10:00	6	SSE
06/09/2013	10:05	4	SSE
06/09/2013	10:10	4	SE
06/09/2013	10:15	2	ENE
06/09/2013	10:20	4	SE
06/09/2013	10:25	5	SSE
06/09/2013	10:30	5	SSE
06/09/2013	10:35	6	SSE
06/09/2013	10:40	4	SSE
06/09/2013	10:45	6	SSE
06/09/2013	10:50	6	SSE
06/09/2013	10:55	4	SSE
06/09/2013	11:00	6	SSE
06/09/2013	11:05	5	S
06/09/2013	11:10	3	E
06/09/2013	11:15	3	SE
06/09/2013	11:20	4	SSE
06/09/2013	11:25	4	SE
06/09/2013	11:30	4	ESE
06/09/2013	11:35	6	ESE
06/09/2013	11:40	4	SSE
06/09/2013	11:45	7	SSE
06/09/2013	11:50	5	SSE
06/09/2013	11:55	7	SSE
06/09/2013	12:00	5	SE
06/09/2013	12:05	7	SSE
06/09/2013	12:10	8	SSE
06/09/2013	12:15	7	SE
06/09/2013	12:20	4	ESE
06/09/2013	12:25	3	ESE
06/09/2013	12:30	5	SSE
06/09/2013	12:35	7	SSE
06/09/2013	12:40	5	SSE
06/09/2013	12:45	7	SSE
06/09/2013	12:50	6	SSE
06/09/2013	12:55	7	SE
06/09/2013	13:00	5	SSE
06/09/2013	13:05	4	ESE
06/09/2013	13:10	4	SSE
06/09/2013	13:15	3	SSE
06/09/2013	13:20	4	SSE
06/09/2013	13:25	4	SSE

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

Date	Time	Wind Speed (mph)	Wind Direction
06/09/2013	13:30	4	SW
06/09/2013	13:35	5	SSE
06/09/2013	13:40	4	SE
06/09/2013	13:45	5	SE
06/09/2013	13:50	5	SSE
06/09/2013	13:55	6	SSE
06/09/2013	14:00	8	SE
06/09/2013	14:05	7	SSE
06/09/2013	14:10	6	SE
06/09/2013	14:15	5	SSW
06/09/2013	14:20	3	SSE
06/09/2013	14:25	3	ESE
06/09/2013	14:30	4	ESE
06/09/2013	14:35	4	SSE
06/09/2013	14:40	5	SE
06/09/2013	14:45	4	SE
06/09/2013	14:50	5	SE
06/09/2013	14:55	2	SSE
06/09/2013	15:00	4	E
06/09/2013	15:05	6	SE
06/09/2013	15:10	5	SE
06/09/2013	15:15	5	ESE
06/09/2013	15:20	6	SE
06/09/2013	15:25	7	SSE
06/09/2013	15:30	6	SE
06/09/2013	15:35	6	SE
06/09/2013	15:40	7	SSE
06/09/2013	15:45	7	SSE
06/09/2013	15:50	6	SSE
06/09/2013	15:55	7	SSE
06/09/2013	16:00	6	S
06/09/2013	16:05	8	SSE
06/09/2013	16:10	9	SSE
06/09/2013	16:15	8	SE
06/09/2013	16:20	9	S
06/09/2013	16:25	8	S
06/09/2013	16:30	7	S
06/09/2013	16:35	7	SSE
06/09/2013	16:40	6	SSE
06/09/2013	16:45	6	SSE
06/09/2013	16:50	6	SE
06/09/2013	16:55	8	SE
06/09/2013	17:00	7	SE
06/09/2013	17:05	6	SE
06/09/2013	17:10	5	SSE
06/09/2013	17:15	5	SSE
06/09/2013	17:20	6	SSE
06/09/2013	17:25	5	SSE
06/09/2013	17:30	6	SE
06/09/2013	17:35	6	SSE
06/09/2013	17:40	8	SE
06/09/2013	17:45	8	SSE
06/09/2013	17:50	6	SSE
06/09/2013	17:55	6	S
06/09/2013	18:00	6	SSE
06/09/2013	18:05	5	SSE
06/09/2013	18:10	5	SSW
06/09/2013	18:15	5	S
06/09/2013	18:20	5	S
06/09/2013	18:25	6	SSE
06/09/2013	18:30	6	SSE
06/09/2013	18:35	5	SSE
06/09/2013	18:40	5	SSE
06/09/2013	18:45	4	SSE
06/09/2013	18:50	4	SE
06/09/2013	18:55	3	SSE
06/09/2013	19:00	3	E
06/09/2013	19:05	3	E
06/09/2013	19:10	3	ENE
06/09/2013	19:15	3	NE
06/09/2013	19:20	2	NNE
06/09/2013	19:25	1	ENE
06/09/2013	19:30	2	ENE
06/09/2013	19:35	2	NE
06/09/2013	19:40	2	NNE
06/09/2013	19:45	3	NNE
06/09/2013	19:50	4	NNW
06/09/2013	19:55	4	NW
06/09/2013	20:00	3	NW
06/09/2013	20:05	2	NW
06/09/2013	20:10	2	NNW
06/09/2013	20:15	2	NW
06/09/2013	20:20	1	NW
06/09/2013	20:25	0	SE
06/09/2013	20:30	0	SE
06/09/2013	20:35	1	NNW
06/09/2013	20:40	0	NNW
06/09/2013	20:45	0	SSE

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

Date	Time	Wind Speed (mph)	Wind Direction
06/09/2013	20:50	2	NW
06/09/2013	20:55	4	NNW
06/09/2013	21:00	4	NNW
06/09/2013	21:05	2	NNW
06/09/2013	21:10	1	NNW
06/09/2013	21:15	1	NNW
06/09/2013	21:20	1	NNW
06/09/2013	21:25	1	NW
06/09/2013	21:30	2	NNW
06/09/2013	21:35	1	NNW
06/09/2013	21:40	3	ESE
06/09/2013	21:45	7	SE
06/09/2013	21:50	6	SSE
06/09/2013	21:55	6	SSE
06/09/2013	22:00	5	SSE
06/09/2013	22:05	5	SSE
06/09/2013	22:10	5	SSE
06/09/2013	22:15	5	SSE
06/09/2013	22:20	5	SSE
06/09/2013	22:25	4	SSE
06/09/2013	22:30	3	SSE
06/09/2013	22:35	3	SSE
06/09/2013	22:40	2	SE
06/09/2013	22:45	3	SSE
06/09/2013	22:50	2	SSE
06/09/2013	22:55	2	SSE
06/09/2013	23:00	0	SSE
06/09/2013	23:05	0	---
06/09/2013	23:10	0	---
06/09/2013	23:15	0	---
06/09/2013	23:20	0	---
06/09/2013	23:25	0	---
06/09/2013	23:30	0	---
06/09/2013	23:35	0	---
06/09/2013	23:40	0	---
06/09/2013	23:45	0	---
06/09/2013	23:50	0	---
06/09/2013	23:55	0	---
07/09/2013	00:00	0	---
07/09/2013	00:05	0	---
07/09/2013	00:10	0	---
07/09/2013	00:15	0	---
07/09/2013	00:20	0	---
07/09/2013	00:25	0	---

Date	Time	Wind Speed (mph)	Wind Direction
07/09/2013	00:30	0	---
07/09/2013	00:35	0	---
07/09/2013	00:40	0	---
07/09/2013	00:45	0	---
07/09/2013	00:50	0	---
07/09/2013	00:55	0	---
07/09/2013	01:00	0	---
07/09/2013	01:05	0	---
07/09/2013	01:10	0	---
07/09/2013	01:15	0	---
07/09/2013	01:20	0	---
07/09/2013	01:25	0	---
07/09/2013	01:30	0	---
07/09/2013	01:35	0	---
07/09/2013	01:40	0	---
07/09/2013	01:45	0	---
07/09/2013	01:50	0	---
07/09/2013	01:55	0	---
07/09/2013	02:00	0	---
07/09/2013	02:05	0	---
07/09/2013	02:10	0	---
07/09/2013	02:15	0	---
07/09/2013	02:20	0	---
07/09/2013	02:25	1	SE
07/09/2013	02:30	0	SE
07/09/2013	02:35	3	SE
07/09/2013	02:40	4	SE
07/09/2013	02:45	4	SE
07/09/2013	02:50	4	SE
07/09/2013	02:55	4	SE
07/09/2013	03:00	4	SE
07/09/2013	03:05	2	SE
07/09/2013	03:10	3	SE
07/09/2013	03:15	2	SSE
07/09/2013	03:20	3	SE
07/09/2013	03:25	4	SE
07/09/2013	03:30	3	SE
07/09/2013	03:35	3	SE
07/09/2013	03:40	3	SE
07/09/2013	03:45	4	SE
07/09/2013	03:50	3	SE
07/09/2013	03:55	3	SE
07/09/2013	04:00	3	SE
07/09/2013	04:05	5	SE

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

Date	Time	Wind Speed (mph)	Wind Direction	Date	Time	Wind Speed (mph)	Wind Direction
07/09/2013	04:10	4	SE	07/09/2013	07:50	4	SE
07/09/2013	04:15	4	SE	07/09/2013	07:55	4	SE
07/09/2013	04:20	5	SE	07/09/2013	08:00	4	SE
07/09/2013	04:25	5	SE	07/09/2013	08:05	3	SE
07/09/2013	04:30	6	SE	07/09/2013	08:10	3	ESE
07/09/2013	04:35	4	SE	07/09/2013	08:15	3	ESE
07/09/2013	04:40	5	SE	07/09/2013	08:20	2	ESE
07/09/2013	04:45	4	SE	07/09/2013	08:25	3	ESE
07/09/2013	04:50	5	SE	07/09/2013	08:30	3	SE
07/09/2013	04:55	4	SE	07/09/2013	08:35	2	SE
07/09/2013	05:00	4	SSE	07/09/2013	08:40	3	ESE
07/09/2013	05:05	4	SSE	07/09/2013	08:45	3	ESE
07/09/2013	05:10	3	SSE	07/09/2013	08:50	3	E
07/09/2013	05:15	3	SSE	07/09/2013	08:55	3	ESE
07/09/2013	05:20	1	ESE	07/09/2013	09:00	3	ESE
07/09/2013	05:25	0	SE	07/09/2013	09:05	4	E
07/09/2013	05:30	2	NNW	07/09/2013	09:10	4	ESE
07/09/2013	05:35	0	NNW	07/09/2013	09:15	6	SE
07/09/2013	05:40	0	---	07/09/2013	09:20	4	SE
07/09/2013	05:45	0	ENE	07/09/2013	09:25	8	SE
07/09/2013	05:50	2	SE	07/09/2013	09:30	8	SE
07/09/2013	05:55	2	SSE	07/09/2013	09:35	7	SSE
07/09/2013	06:00	4	SSE	07/09/2013	09:40	6	SSE
07/09/2013	06:05	3	S	07/09/2013	09:45	6	SE
07/09/2013	06:10	2	SSE	07/09/2013	09:50	5	SE
07/09/2013	06:15	4	SSE	07/09/2013	09:55	5	SE
07/09/2013	06:20	2	SSE	07/09/2013	10:00	5	SE
07/09/2013	06:25	3	SE	07/09/2013	10:05	4	ESE
07/09/2013	06:30	1	SE	07/09/2013	10:10	6	E
07/09/2013	06:35	1	SSE	07/09/2013	10:15	4	E
07/09/2013	06:40	1	SSE	07/09/2013	10:20	4	E
07/09/2013	06:45	2	SSE	07/09/2013	10:25	5	E
07/09/2013	06:50	3	SSE	07/09/2013	10:30	4	E
07/09/2013	06:55	3	SSE	07/09/2013	10:35	3	ESE
07/09/2013	07:00	3	SSE	07/09/2013	10:40	2	SE
07/09/2013	07:05	3	SE	07/09/2013	10:45	3	E
07/09/2013	07:10	4	SE	07/09/2013	10:50	4	E
07/09/2013	07:15	5	SE	07/09/2013	10:55	3	E
07/09/2013	07:20	5	SE	07/09/2013	11:00	3	E
07/09/2013	07:25	5	SE	07/09/2013	11:05	5	SE
07/09/2013	07:30	5	SE	07/09/2013	11:10	4	SE
07/09/2013	07:35	5	SE	07/09/2013	11:15	5	SSE
07/09/2013	07:40	3	SE	07/09/2013	11:20	4	SE
07/09/2013	07:45	4	SE	07/09/2013	11:25	5	E

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

Date	Time	Wind Speed (mph)	Wind Direction
07/09/2013	11:30	5	SE
07/09/2013	11:35	5	E
07/09/2013	11:40	5	ESE
07/09/2013	11:45	5	SE
07/09/2013	11:50	4	ESE
07/09/2013	11:55	4	S
07/09/2013	12:00	3	S
07/09/2013	12:05	3	S
07/09/2013	12:10	4	E
07/09/2013	12:15	4	E
07/09/2013	12:20	3	E
07/09/2013	12:25	5	E
07/09/2013	12:30	4	E
07/09/2013	12:35	3	ENE
07/09/2013	12:40	2	E
07/09/2013	12:45	3	E
07/09/2013	12:50	3	ENE
07/09/2013	12:55	2	E
07/09/2013	13:00	3	E
07/09/2013	13:05	5	E
07/09/2013	13:10	2	ENE
07/09/2013	13:15	3	E
07/09/2013	13:20	4	E
07/09/2013	13:25	2	E
07/09/2013	13:30	2	ENE
07/09/2013	13:35	2	ENE
07/09/2013	13:40	3	E
07/09/2013	13:45	2	E
07/09/2013	13:50	2	ENE
07/09/2013	13:55	2	ENE
07/09/2013	14:00	2	ENE
07/09/2013	14:05	2	ENE
07/09/2013	14:10	2	ENE
07/09/2013	14:15	2	ENE
07/09/2013	14:20	2	E
07/09/2013	14:25	3	E
07/09/2013	14:30	4	E
07/09/2013	14:35	3	E
07/09/2013	14:40	1	ENE
07/09/2013	14:45	3	ENE
07/09/2013	14:50	3	ENE
07/09/2013	14:55	3	NE
07/09/2013	15:00	5	NE
07/09/2013	15:05	4	NE
07/09/2013	15:10	4	NE
07/09/2013	15:15	3	SSE
07/09/2013	15:20	4	SSE
07/09/2013	15:25	6	SSE
07/09/2013	15:30	5	SSE
07/09/2013	15:35	4	S
07/09/2013	15:40	4	ESE
07/09/2013	15:45	3	SSE
07/09/2013	15:50	3	SE
07/09/2013	15:55	4	SE
07/09/2013	16:00	5	SE
07/09/2013	16:05	5	SE
07/09/2013	16:10	3	SSE
07/09/2013	16:15	5	SSE
07/09/2013	16:20	4	S
07/09/2013	16:25	5	SSE
07/09/2013	16:30	3	WSW
07/09/2013	16:35	3	WSW
07/09/2013	16:40	2	SE
07/09/2013	16:45	3	SSW
07/09/2013	16:50	3	E
07/09/2013	16:55	3	W
07/09/2013	17:00	2	W
07/09/2013	17:05	2	SE
07/09/2013	17:10	3	SW
07/09/2013	17:15	3	ESE
07/09/2013	17:20	2	SE
07/09/2013	17:25	3	W
07/09/2013	17:30	3	SE
07/09/2013	17:35	3	ESE
07/09/2013	17:40	1	N
07/09/2013	17:45	2	SSE
07/09/2013	17:50	2	WNW
07/09/2013	17:55	2	ESE
07/09/2013	18:00	3	NW
07/09/2013	18:05	2	WNW
07/09/2013	18:10	2	S
07/09/2013	18:15	2	NW
07/09/2013	18:20	1	SSE
07/09/2013	18:25	2	NW
07/09/2013	18:30	2	WNW
07/09/2013	18:35	4	NNW
07/09/2013	18:40	4	NNW
07/09/2013	18:45	4	NNW

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

Date	Time	Wind Speed (mph)	Wind Direction	Date	Time	Wind Speed (mph)	Wind Direction
07/09/2013	18:50	3	NW	07/09/2013	22:30	7	SE
07/09/2013	18:55	2	N	07/09/2013	22:35	8	SE
07/09/2013	19:00	3	N	07/09/2013	22:40	7	ESE
07/09/2013	19:05	3	N	07/09/2013	22:45	9	E
07/09/2013	19:10	2	N	07/09/2013	22:50	8	E
07/09/2013	19:15	3	NE	07/09/2013	22:55	6	E
07/09/2013	19:20	2	NE	07/09/2013	23:00	5	E
07/09/2013	19:25	3	NNW	07/09/2013	23:05	6	E
07/09/2013	19:30	5	NNW	07/09/2013	23:10	7	E
07/09/2013	19:35	4	NNW	07/09/2013	23:15	7	E
07/09/2013	19:40	2	NW	07/09/2013	23:20	7	ESE
07/09/2013	19:45	1	NNE	07/09/2013	23:25	6	ESE
07/09/2013	19:50	2	N	07/09/2013	23:30	6	SE
07/09/2013	19:55	4	N	07/09/2013	23:35	6	ESE
07/09/2013	20:00	3	E	07/09/2013	23:40	6	SE
07/09/2013	20:05	4	SSE	07/09/2013	23:45	7	SE
07/09/2013	20:10	8	SSE	07/09/2013	23:50	8	SE
07/09/2013	20:15	9	SSE	07/09/2013	23:55	8	ESE
07/09/2013	20:20	9	SSE	08/09/2013	00:00	7	SE
07/09/2013	20:25	7	SSE	08/09/2013	00:05	6	ESE
07/09/2013	20:30	7	SSE	08/09/2013	00:10	6	ESE
07/09/2013	20:35	5	SSE	08/09/2013	00:15	7	SSE
07/09/2013	20:40	7	SSE	08/09/2013	00:20	7	SE
07/09/2013	20:45	6	SSE	08/09/2013	00:25	8	SE
07/09/2013	20:50	7	SSE	08/09/2013	00:30	8	SE
07/09/2013	20:55	7	SSE	08/09/2013	00:35	8	SE
07/09/2013	21:00	7	SSE	08/09/2013	00:40	6	SE
07/09/2013	21:05	7	SE	08/09/2013	00:45	6	SE
07/09/2013	21:10	7	SE	08/09/2013	00:50	7	ESE
07/09/2013	21:15	7	SE	08/09/2013	00:55	7	SE
07/09/2013	21:20	7	SE	08/09/2013	01:00	6	SE
07/09/2013	21:25	6	SSE	08/09/2013	01:05	8	SE
07/09/2013	21:30	8	SE	08/09/2013	01:10	7	SE
07/09/2013	21:35	7	SSE	08/09/2013	01:15	7	ESE
07/09/2013	21:40	8	SSE	08/09/2013	01:20	6	SE
07/09/2013	21:45	9	SSE	08/09/2013	01:25	7	SE
07/09/2013	21:50	9	SSE	08/09/2013	01:30	6	SE
07/09/2013	21:55	9	SE	08/09/2013	01:35	5	SSE
07/09/2013	22:00	10	SE	08/09/2013	01:40	6	SE
07/09/2013	22:05	8	SE	08/09/2013	01:45	5	SE
07/09/2013	22:10	9	SE	08/09/2013	01:50	6	SE
07/09/2013	22:15	8	SE	08/09/2013	01:55	6	SSE
07/09/2013	22:20	4	SE	08/09/2013	02:00	7	SSE
07/09/2013	22:25	5	ESE	08/09/2013	02:05	7	SSE

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

Date	Time	Wind Speed (mph)	Wind Direction
08/09/2013	02:10	6	SSE
08/09/2013	02:15	8	SE
08/09/2013	02:20	6	SSE
08/09/2013	02:25	6	SSE
08/09/2013	02:30	6	SSE
08/09/2013	02:35	7	SSE
08/09/2013	02:40	7	SSE
08/09/2013	02:45	6	SSE
08/09/2013	02:50	6	SSE
08/09/2013	02:55	5	SSE
08/09/2013	03:00	7	SSE
08/09/2013	03:05	6	SSE
08/09/2013	03:10	7	SE
08/09/2013	03:15	7	SE
08/09/2013	03:20	6	SSE
08/09/2013	03:25	6	SSE
08/09/2013	03:30	5	SSE
08/09/2013	03:35	7	SSE
08/09/2013	03:40	8	SE
08/09/2013	03:45	6	SSE
08/09/2013	03:50	5	SSE
08/09/2013	03:55	6	SSE
08/09/2013	04:00	5	SSE
08/09/2013	04:05	4	SE
08/09/2013	04:10	4	SE
08/09/2013	04:15	4	SE
08/09/2013	04:20	3	SE
08/09/2013	04:25	4	SE
08/09/2013	04:30	4	SE
08/09/2013	04:35	3	SE
08/09/2013	04:40	3	SSE
08/09/2013	04:45	4	SSE
08/09/2013	04:50	4	SSE
08/09/2013	04:55	4	SSE
08/09/2013	05:00	4	SSE
08/09/2013	05:05	4	SSE
08/09/2013	05:10	4	SSE
08/09/2013	05:15	4	SSE
08/09/2013	05:20	4	SSE
08/09/2013	05:25	4	SSE
08/09/2013	05:30	3	SSE
08/09/2013	05:35	3	SSE
08/09/2013	05:40	3	SSE
08/09/2013	05:45	3	SSE

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

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

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

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

Date	Time	Wind Speed (mph)	Wind Direction
08/09/2013	16:50	4	N
08/09/2013	16:55	6	NNW
08/09/2013	17:00	4	N
08/09/2013	17:05	3	N
08/09/2013	17:10	2	NNW
08/09/2013	17:15	3	N
08/09/2013	17:20	5	NNW
08/09/2013	17:25	4	NNW
08/09/2013	17:30	3	NNW
08/09/2013	17:35	2	N
08/09/2013	17:40	3	N
08/09/2013	17:45	2	N
08/09/2013	17:50	4	NNW
08/09/2013	17:55	5	N
08/09/2013	18:00	4	NNW
08/09/2013	18:05	2	NNW
08/09/2013	18:10	2	NW
08/09/2013	18:15	3	N
08/09/2013	18:20	4	NNW
08/09/2013	18:25	2	NNE
08/09/2013	18:30	1	SSW
08/09/2013	18:35	2	NNW
08/09/2013	18:40	1	NNW
08/09/2013	18:45	2	ESE
08/09/2013	18:50	1	ESE
08/09/2013	18:55	1	ENE
08/09/2013	19:00	2	ENE
08/09/2013	19:05	1	NE
08/09/2013	19:10	0	ESE
08/09/2013	19:15	0	---
08/09/2013	19:20	1	ESE
08/09/2013	19:25	0	ESE
08/09/2013	19:30	0	ESE
08/09/2013	19:35	0	ESE
08/09/2013	19:40	0	---
08/09/2013	19:45	0	---
08/09/2013	19:50	0	---
08/09/2013	19:55	0	---
08/09/2013	20:00	0	---
08/09/2013	20:05	0	---
08/09/2013	20:10	0	---
08/09/2013	20:15	0	---
08/09/2013	20:20	0	---
08/09/2013	20:25	0	---

Date	Time	Wind Speed (mph)	Wind Direction
08/09/2013	20:30	1	ESE
08/09/2013	20:35	0	ESE
08/09/2013	20:40	1	NNW
08/09/2013	20:45	3	N
08/09/2013	20:50	2	NE
08/09/2013	20:55	1	NE
08/09/2013	21:00	3	NE
08/09/2013	21:05	4	N
08/09/2013	21:10	4	NNE
08/09/2013	21:15	2	NE
08/09/2013	21:20	2	NE
08/09/2013	21:25	2	ESE
08/09/2013	21:30	2	E
08/09/2013	21:35	4	NE
08/09/2013	21:40	3	N
08/09/2013	21:45	3	ENE
08/09/2013	21:50	3	NW
08/09/2013	21:55	3	NNW
08/09/2013	22:00	4	NNW
08/09/2013	22:05	3	N
08/09/2013	22:10	3	N
08/09/2013	22:15	4	N
08/09/2013	22:20	5	N
08/09/2013	22:25	5	NNE
08/09/2013	22:30	4	N
08/09/2013	22:35	5	N
08/09/2013	22:40	5	N
08/09/2013	22:45	5	NNW
08/09/2013	22:50	3	NW
08/09/2013	22:55	6	NNW
08/09/2013	23:00	6	N
08/09/2013	23:05	5	NW
08/09/2013	23:10	3	ENE
08/09/2013	23:15	4	ENE
08/09/2013	23:20	5	SE
08/09/2013	23:25	4	ESE
08/09/2013	23:30	5	E
08/09/2013	23:35	6	ESE
08/09/2013	23:40	6	SE
08/09/2013	23:45	4	ESE
08/09/2013	23:50	5	E
08/09/2013	23:55	4	ESE
09/09/2013	00:00	5	SE
09/09/2013	00:05	5	SE

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

Date	Time	Wind Speed (mph)	Wind Direction
09/09/2013	00:10	7	SE
09/09/2013	00:15	7	SSE
09/09/2013	00:20	7	SSE
09/09/2013	00:25	4	E
09/09/2013	00:30	5	ESE
09/09/2013	00:35	5	SE
09/09/2013	00:40	6	SE
09/09/2013	00:45	6	SE
09/09/2013	00:50	7	SSE
09/09/2013	00:55	7	SSE
09/09/2013	01:00	6	ESE
09/09/2013	01:05	5	SSE
09/09/2013	01:10	6	SSE
09/09/2013	01:15	4	SSE
09/09/2013	01:20	4	SSE
09/09/2013	01:25	4	SSE
09/09/2013	01:30	5	SSE
09/09/2013	01:35	5	SSE
09/09/2013	01:40	5	SSE
09/09/2013	01:45	5	SSE
09/09/2013	01:50	5	SSE
09/09/2013	01:55	6	SSE
09/09/2013	02:00	5	SSE
09/09/2013	02:05	6	SSE
09/09/2013	02:10	4	SSE
09/09/2013	02:15	4	SSE
09/09/2013	02:20	4	SSE
09/09/2013	02:25	3	S
09/09/2013	02:30	4	SSE
09/09/2013	02:35	4	SSE
09/09/2013	02:40	3	SSE
09/09/2013	02:45	3	SSE
09/09/2013	02:50	4	SSE
09/09/2013	02:55	3	SE
09/09/2013	03:00	4	SSE
09/09/2013	03:05	4	SSE
09/09/2013	03:10	4	SSE
09/09/2013	03:15	5	SSE
09/09/2013	03:20	3	S
09/09/2013	03:25	1	ESE
09/09/2013	03:30	3	SSE
09/09/2013	03:35	4	SSE
09/09/2013	03:40	4	SSE
09/09/2013	03:45	5	SSE
09/09/2013	03:50	5	SSE
09/09/2013	03:55	5	SSE
09/09/2013	04:00	4	SSE
09/09/2013	04:05	5	SSE
09/09/2013	04:10	4	SSE
09/09/2013	04:15	4	SSE
09/09/2013	04:20	4	SSE
09/09/2013	04:25	3	SSE
09/09/2013	04:30	4	SSE
09/09/2013	04:35	4	SE
09/09/2013	04:40	4	SSE
09/09/2013	04:45	5	SSE
09/09/2013	04:50	4	SSE
09/09/2013	04:55	6	SSE
09/09/2013	05:00	5	SSE
09/09/2013	05:05	5	SSE
09/09/2013	05:10	6	SSE
09/09/2013	05:15	5	SSE
09/09/2013	05:20	6	SSE
09/09/2013	05:25	5	SSE
09/09/2013	05:30	4	SSE
09/09/2013	05:35	4	SSE
09/09/2013	05:40	3	SSE
09/09/2013	05:45	4	SSE
09/09/2013	05:50	4	SSE
09/09/2013	05:55	5	SSE
09/09/2013	06:00	5	SSE
09/09/2013	06:05	4	SE
09/09/2013	06:10	5	SSE
09/09/2013	06:15	6	SSE
09/09/2013	06:20	5	SSE
09/09/2013	06:25	5	SSE
09/09/2013	06:30	5	SSE
09/09/2013	06:35	5	SSE
09/09/2013	06:40	6	SSE
09/09/2013	06:45	5	SSE
09/09/2013	06:50	4	SSE
09/09/2013	06:55	4	SSE
09/09/2013	07:00	6	SSE
09/09/2013	07:05	5	SSE
09/09/2013	07:10	5	SSE
09/09/2013	07:15	4	SSE
09/09/2013	07:20	3	SSE
09/09/2013	07:25	4	SE

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

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

Date	Time	Wind Speed (mph)	Wind Direction
09/09/2013	11:10	8	SSE
09/09/2013	11:15	6	SSE
09/09/2013	11:20	7	S
09/09/2013	11:25	7	SSE
09/09/2013	11:30	7	SSE
09/09/2013	11:35	6	SSE
09/09/2013	11:40	6	SSE
09/09/2013	11:45	5	SSE
09/09/2013	11:50	7	SSE
09/09/2013	11:55	6	SSE
09/09/2013	12:00	6	SSE
09/09/2013	12:05	7	SSE
09/09/2013	12:10	7	SSE
09/09/2013	12:15	6	SSE
09/09/2013	12:20	8	SSE
09/09/2013	12:25	7	SSE
09/09/2013	12:30	6	SSE
09/09/2013	12:35	7	SSE
09/09/2013	12:40	7	SSE
09/09/2013	12:45	6	SE
09/09/2013	12:50	6	SSE
09/09/2013	12:55	7	SE
09/09/2013	13:00	8	SE
09/09/2013	13:05	6	SE
09/09/2013	13:10	8	SE
09/09/2013	13:15	6	SE
09/09/2013	13:20	6	SSE
09/09/2013	13:25	6	SSE
09/09/2013	13:30	4	SE
09/09/2013	13:35	7	SSE
09/09/2013	13:40	8	SSE
09/09/2013	13:45	7	SSE
09/09/2013	13:50	3	W
09/09/2013	13:55	7	SSE
09/09/2013	14:00	5	SSE
09/09/2013	14:05	5	SE
09/09/2013	14:10	7	SSE
09/09/2013	14:15	6	SE
09/09/2013	14:20	3	W
09/09/2013	14:25	3	ESE
09/09/2013	14:30	3	ESE
09/09/2013	14:35	3	ESE
09/09/2013	14:40	4	ENE
09/09/2013	14:45	4	SE

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

Date	Time	Wind Speed (mph)	Wind Direction
09/09/2013	14:50	4	SE
09/09/2013	14:55	1	SE
09/09/2013	15:00	3	ESE
09/09/2013	15:05	4	ESE
09/09/2013	15:10	3	ESE
09/09/2013	15:15	3	ESE
09/09/2013	15:20	3	SE
09/09/2013	15:25	3	ESE
09/09/2013	15:30	4	SE
09/09/2013	15:35	4	ESE
09/09/2013	15:40	2	SE
09/09/2013	15:45	4	ESE
09/09/2013	15:50	4	SSE
09/09/2013	15:55	3	E
09/09/2013	16:00	2	ENE
09/09/2013	16:05	4	SSE
09/09/2013	16:10	4	SE
09/09/2013	16:15	2	SE
09/09/2013	16:20	3	SE
09/09/2013	16:25	3	SE
09/09/2013	16:30	3	SE
09/09/2013	16:35	3	ESE
09/09/2013	16:40	3	SE
09/09/2013	16:45	2	SE
09/09/2013	16:50	1	E
09/09/2013	16:55	2	NNE
09/09/2013	17:00	4	NNE
09/09/2013	17:05	4	NE
09/09/2013	17:10	5	ENE
09/09/2013	17:15	6	NNW
09/09/2013	17:20	4	NNW
09/09/2013	17:25	4	NW
09/09/2013	17:30	2	N
09/09/2013	17:35	1	N
09/09/2013	17:40	2	N
09/09/2013	17:45	2	ENE
09/09/2013	17:50	3	SE
09/09/2013	17:55	3	SE
09/09/2013	18:00	4	SSE
09/09/2013	18:05	3	SSE
09/09/2013	18:10	1	SSE
09/09/2013	18:15	1	SE
09/09/2013	18:20	1	NNE
09/09/2013	18:25	2	NNE
09/09/2013	18:30	1	NNE
09/09/2013	18:35	2	NNE
09/09/2013	18:40	3	ESE
09/09/2013	18:45	3	SE
09/09/2013	18:50	3	SE
09/09/2013	18:55	2	N
09/09/2013	19:00	2	NNE
09/09/2013	19:05	2	WSW
09/09/2013	19:10	4	WNW
09/09/2013	19:15	3	NNW
09/09/2013	19:20	3	NE
09/09/2013	19:25	3	NNE
09/09/2013	19:30	3	SE
09/09/2013	19:35	3	SE
09/09/2013	19:40	4	SE
09/09/2013	19:45	4	SE
09/09/2013	19:50	5	SE
09/09/2013	19:55	5	SE
09/09/2013	20:00	5	SE
09/09/2013	20:05	2	ESE
09/09/2013	20:10	3	SE
09/09/2013	20:15	4	NNW
09/09/2013	20:20	2	NNE
09/09/2013	20:25	2	NE
09/09/2013	20:30	4	NNW
09/09/2013	20:35	3	NNE
09/09/2013	20:40	3	ENE
09/09/2013	20:45	4	NNW
09/09/2013	20:50	5	NNE
09/09/2013	20:55	5	NNW
09/09/2013	21:00	4	NW
09/09/2013	21:05	4	N
09/09/2013	21:10	4	NNW
09/09/2013	21:15	5	N
09/09/2013	21:20	2	N
09/09/2013	21:25	5	ENE
09/09/2013	21:30	4	ENE
09/09/2013	21:35	5	SE
09/09/2013	21:40	5	ESE
09/09/2013	21:45	3	ESE
09/09/2013	21:50	3	ESE
09/09/2013	21:55	3	ENE
09/09/2013	22:00	2	ESE
09/09/2013	22:05	1	ENE

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

Date	Time	Wind Speed (mph)	Wind Direction
09/09/2013	22:10	1	NNW
09/09/2013	22:15	4	SE
09/09/2013	22:20	5	ESE
09/09/2013	22:25	6	SSE
09/09/2013	22:30	5	SSE
09/09/2013	22:35	4	SE
09/09/2013	22:40	5	ESE
09/09/2013	22:45	6	ESE
09/09/2013	22:50	0	SE
09/09/2013	22:55	4	SSE
09/09/2013	23:00	4	SE
09/09/2013	23:05	7	SE
09/09/2013	23:10	5	SSE
09/09/2013	23:15	4	SE
09/09/2013	23:20	7	SE
09/09/2013	23:25	4	SSE
09/09/2013	23:30	3	ESE
09/09/2013	23:35	3	SE
09/09/2013	23:40	7	SSE
09/09/2013	23:45	3	SSE
09/09/2013	23:50	4	SSE
09/09/2013	23:55	5	SSE
10/09/2013	00:00	6	S
10/09/2013	00:05	4	SE
10/09/2013	00:10	4	S
10/09/2013	00:15	4	ESE
10/09/2013	00:20	5	E
10/09/2013	00:25	4	SSE
10/09/2013	00:30	3	SSE
10/09/2013	00:35	2	SE
10/09/2013	00:40	2	SSE
10/09/2013	00:45	4	ESE
10/09/2013	00:50	2	SSW
10/09/2013	00:55	2	SE
10/09/2013	01:00	5	ESE
10/09/2013	01:05	4	ESE
10/09/2013	01:10	3	SSE
10/09/2013	01:15	4	SSE
10/09/2013	01:20	3	S
10/09/2013	01:25	3	SE
10/09/2013	01:30	4	SE
10/09/2013	01:35	3	SE
10/09/2013	01:40	5	SSW
10/09/2013	01:45	4	SE

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

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

Date	Time	Wind Speed (mph)	Wind Direction	Date	Time	Wind Speed (mph)	Wind Direction
10/09/2013	05:30	0	S	10/09/2013	09:10	3	SE
10/09/2013	05:35	0	---	10/09/2013	09:15	3	ESE
10/09/2013	05:40	1	ESE	10/09/2013	09:20	5	E
10/09/2013	05:45	2	ESE	10/09/2013	09:25	4	E
10/09/2013	05:50	3	SE	10/09/2013	09:30	5	E
10/09/2013	05:55	2	SE	10/09/2013	09:35	6	E
10/09/2013	06:00	2	SE	10/09/2013	09:40	6	E
10/09/2013	06:05	2	SE	10/09/2013	09:45	4	E
10/09/2013	06:10	2	SE	10/09/2013	09:50	3	E
10/09/2013	06:15	3	SE	10/09/2013	09:55	3	E
10/09/2013	06:20	3	SE	10/09/2013	10:00	4	E
10/09/2013	06:25	3	SSE	10/09/2013	10:05	5	E
10/09/2013	06:30	2	SSE	10/09/2013	10:10	5	E
10/09/2013	06:35	2	SE	10/09/2013	10:15	5	E
10/09/2013	06:40	2	SSE	10/09/2013	10:20	4	SSE
10/09/2013	06:45	2	SSE	10/09/2013	10:25	4	E
10/09/2013	06:50	2	SSE	10/09/2013	10:30	5	ESE
10/09/2013	06:55	2	SSE	10/09/2013	10:35	4	SE
10/09/2013	07:00	3	SSE	10/09/2013	10:40	5	SE
10/09/2013	07:05	3	SSE	10/09/2013	10:45	5	SE
10/09/2013	07:10	3	SE	10/09/2013	10:50	4	SSE
10/09/2013	07:15	2	SE	10/09/2013	10:55	6	SE
10/09/2013	07:20	1	ESE	10/09/2013	11:00	6	SE
10/09/2013	07:25	1	NW	10/09/2013	11:05	7	SE
10/09/2013	07:30	2	NNW	10/09/2013	11:10	6	SSE
10/09/2013	07:35	0	NNW	10/09/2013	11:15	5	SSE
10/09/2013	07:40	0	NNW	10/09/2013	11:20	3	SE
10/09/2013	07:45	2	N	10/09/2013	11:25	3	SW
10/09/2013	07:50	1	NNE	10/09/2013	11:30	5	SSE
10/09/2013	07:55	0	---	10/09/2013	11:35	6	SE
10/09/2013	08:00	0	---	10/09/2013	11:40	6	SE
10/09/2013	08:05	1	E	10/09/2013	11:45	6	SE
10/09/2013	08:10	4	E	10/09/2013	11:50	4	SE
10/09/2013	08:15	3	E	10/09/2013	11:55	8	SE
10/09/2013	08:20	3	E	10/09/2013	12:00	7	SE
10/09/2013	08:25	3	E	10/09/2013	12:05	6	SE
10/09/2013	08:30	3	ENE	10/09/2013	12:10	8	SSE
10/09/2013	08:35	3	E	10/09/2013	12:15	6	SSE
10/09/2013	08:40	2	ESE	10/09/2013	12:20	6	SE
10/09/2013	08:45	3	ENE	10/09/2013	12:25	7	SSE
10/09/2013	08:50	2	ESE	10/09/2013	12:30	6	SSE
10/09/2013	08:55	3	ESE	10/09/2013	12:35	5	SE
10/09/2013	09:00	3	SSE	10/09/2013	12:40	6	SSE
10/09/2013	09:05	3	E	10/09/2013	12:45	4	SE

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

Date	Time	Wind Speed (mph)	Wind Direction
10/09/2013	12:50	5	SE
10/09/2013	12:55	7	S
10/09/2013	13:00	8	SSE
10/09/2013	13:05	6	S
10/09/2013	13:10	4	SE
10/09/2013	13:15	6	SSE
10/09/2013	13:20	4	SE
10/09/2013	13:25	3	E
10/09/2013	13:30	5	SE
10/09/2013	13:35	6	SSE
10/09/2013	13:40	4	SSE
10/09/2013	13:45	6	S
10/09/2013	13:50	4	SSE
10/09/2013	13:55	5	S
10/09/2013	14:00	2	WSW
10/09/2013	14:05	4	ESE
10/09/2013	14:10	5	SSE
10/09/2013	14:15	5	SSE
10/09/2013	14:20	5	ESE
10/09/2013	14:25	5	SE
10/09/2013	14:30	6	SE
10/09/2013	14:35	5	SSE
10/09/2013	14:40	6	S
10/09/2013	14:45	5	SSW
10/09/2013	14:50	5	SW
10/09/2013	14:55	4	SSE
10/09/2013	15:00	2	E
10/09/2013	15:05	3	SE
10/09/2013	15:10	5	SE
10/09/2013	15:15	4	ESE
10/09/2013	15:20	6	SE
10/09/2013	15:25	6	SSE
10/09/2013	15:30	3	SSE
10/09/2013	15:35	6	SE
10/09/2013	15:40	7	SE
10/09/2013	15:45	6	SE
10/09/2013	15:50	7	SE
10/09/2013	15:55	2	NW
10/09/2013	16:00	9	SE
10/09/2013	16:05	3	SSE
10/09/2013	16:10	3	ESE
10/09/2013	16:15	4	SE
10/09/2013	16:20	5	SSE
10/09/2013	16:25	5	SSE

Date	Time	Wind Speed (mph)	Wind Direction
10/09/2013	16:30	6	SSE
10/09/2013	16:35	5	S
10/09/2013	16:40	6	SE
10/09/2013	16:45	4	ESE
10/09/2013	16:50	6	SSE
10/09/2013	16:55	3	SE
10/09/2013	17:00	3	ENE
10/09/2013	17:05	3	SSE
10/09/2013	17:10	4	SSE
10/09/2013	17:15	4	SE
10/09/2013	17:20	9	SE
10/09/2013	17:25	8	SE
10/09/2013	17:30	12	SSE
10/09/2013	17:35	9	SE
10/09/2013	17:40	5	SE
10/09/2013	17:45	7	SE
10/09/2013	17:50	7	SSE
10/09/2013	17:55	6	SSE
10/09/2013	18:00	7	SE
10/09/2013	18:05	12	SE
10/09/2013	18:10	11	SE
10/09/2013	18:15	9	SE
10/09/2013	18:20	13	SE
10/09/2013	18:25	15	SE
10/09/2013	18:30	14	SE
10/09/2013	18:35	14	SE
10/09/2013	18:40	14	SSE
10/09/2013	18:45	14	SE
10/09/2013	18:50	12	SE
10/09/2013	18:55	10	SE
10/09/2013	19:00	12	SE
10/09/2013	19:05	11	SE
10/09/2013	19:10	9	SSE
10/09/2013	19:15	11	SE
10/09/2013	19:20	8	SSE
10/09/2013	19:25	8	SSE
10/09/2013	19:30	8	SSE
10/09/2013	19:35	11	SSE
10/09/2013	19:40	11	SE
10/09/2013	19:45	10	SE
10/09/2013	19:50	8	SSE
10/09/2013	19:55	7	SSE
10/09/2013	20:00	5	SSE
10/09/2013	20:05	6	SSE

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

Date	Time	Wind Speed (mph)	Wind Direction
10/09/2013	20:10	7	SSE
10/09/2013	20:15	7	SSE
10/09/2013	20:20	8	S
10/09/2013	20:25	10	SSE
10/09/2013	20:30	8	SSE
10/09/2013	20:35	7	SSE
10/09/2013	20:40	6	SSE
10/09/2013	20:45	6	SSE
10/09/2013	20:50	6	SSE
10/09/2013	20:55	6	SE
10/09/2013	21:00	5	SSE
10/09/2013	21:05	7	SSE
10/09/2013	21:10	6	SSE
10/09/2013	21:15	6	SSE
10/09/2013	21:20	7	SE
10/09/2013	21:25	6	SE
10/09/2013	21:30	6	SE
10/09/2013	21:35	6	SE
10/09/2013	21:40	6	SE
10/09/2013	21:45	6	SE
10/09/2013	21:50	5	SSE
10/09/2013	21:55	6	SSE
10/09/2013	22:00	5	SSE
10/09/2013	22:05	6	SSE
10/09/2013	22:10	5	SSE
10/09/2013	22:15	4	SSE
10/09/2013	22:20	5	S
10/09/2013	22:25	6	SSE
10/09/2013	22:30	5	SE
10/09/2013	22:35	3	SSE
10/09/2013	22:40	5	SE
10/09/2013	22:45	5	SE
10/09/2013	22:50	3	SE
10/09/2013	22:55	5	SE
10/09/2013	23:00	4	SE
10/09/2013	23:05	5	SE
10/09/2013	23:10	5	SE
10/09/2013	23:15	5	SSE
10/09/2013	23:20	5	SSE
10/09/2013	23:25	4	S
10/09/2013	23:30	2	SSE
10/09/2013	23:35	3	S
10/09/2013	23:40	3	SSE
10/09/2013	23:45	4	SE
10/09/2013	23:50	3	SSE
10/09/2013	23:55	5	SSE
11/09/2013	00:00	3	SE
11/09/2013	00:05	4	SE
11/09/2013	00:10	5	SE
11/09/2013	00:15	4	SSE
11/09/2013	00:20	5	SE
11/09/2013	00:25	4	SE
11/09/2013	00:30	4	SE
11/09/2013	00:35	3	SE
11/09/2013	00:40	3	SSE
11/09/2013	00:45	2	SSE
11/09/2013	00:50	4	SE
11/09/2013	00:55	4	SSE
11/09/2013	01:00	4	SSE
11/09/2013	01:05	4	SSE
11/09/2013	01:10	5	SE
11/09/2013	01:15	3	SSE
11/09/2013	01:20	4	S
11/09/2013	01:25	4	SSE
11/09/2013	01:30	3	SE
11/09/2013	01:35	4	SSE
11/09/2013	01:40	3	SE
11/09/2013	01:45	3	SE
11/09/2013	01:50	4	SSE
11/09/2013	01:55	3	SSE
11/09/2013	02:00	3	SSW
11/09/2013	02:05	2	SSE
11/09/2013	02:10	3	SE
11/09/2013	02:15	2	SSE
11/09/2013	02:20	3	SSE
11/09/2013	02:25	3	SSE
11/09/2013	02:30	2	SE
11/09/2013	02:35	2	SSE
11/09/2013	02:40	3	SE
11/09/2013	02:45	3	SE
11/09/2013	02:50	3	SE
11/09/2013	02:55	3	SE
11/09/2013	03:00	3	SE
11/09/2013	03:05	3	ESE
11/09/2013	03:10	3	ESE
11/09/2013	03:15	2	ESE
11/09/2013	03:20	0	SE
11/09/2013	03:25	0	---

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

Date	Time	Wind Speed (mph)	Wind Direction
11/09/2013	03:30	0	---
11/09/2013	03:35	1	SSE
11/09/2013	03:40	1	SSE
11/09/2013	03:45	2	SSE
11/09/2013	03:50	3	SSE
11/09/2013	03:55	5	SSE
11/09/2013	04:00	4	SSE
11/09/2013	04:05	3	SE
11/09/2013	04:10	2	SE
11/09/2013	04:15	4	SE
11/09/2013	04:20	1	SE
11/09/2013	04:25	0	SE
11/09/2013	04:30	0	---
11/09/2013	04:35	0	---
11/09/2013	04:40	0	---
11/09/2013	04:45	0	---
11/09/2013	04:50	0	---
11/09/2013	04:55	0	---
11/09/2013	05:00	0	---
11/09/2013	05:05	2	SE
11/09/2013	05:10	1	SSE
11/09/2013	05:15	3	ESE
11/09/2013	05:20	3	ESE
11/09/2013	05:25	2	SE
11/09/2013	05:30	1	SSE
11/09/2013	05:35	1	SSE
11/09/2013	05:40	1	ESE
11/09/2013	05:45	2	ESE
11/09/2013	05:50	0	ESE
11/09/2013	05:55	1	ESE
11/09/2013	06:00	1	S
11/09/2013	06:05	0	---
11/09/2013	06:10	2	SSE
11/09/2013	06:15	1	SSE
11/09/2013	06:20	0	ESE
11/09/2013	06:25	2	ESE
11/09/2013	06:30	1	S
11/09/2013	06:35	2	SSE
11/09/2013	06:40	2	SSE
11/09/2013	06:45	2	SE
11/09/2013	06:50	2	SE
11/09/2013	06:55	2	ESE
11/09/2013	07:00	3	SE
11/09/2013	07:05	3	SE

Date	Time	Wind Speed (mph)	Wind Direction
11/09/2013	07:10	3	SSE
11/09/2013	07:15	3	SSE
11/09/2013	07:20	4	SSE
11/09/2013	07:25	3	SSE
11/09/2013	07:30	3	SSE
11/09/2013	07:35	3	SSE
11/09/2013	07:40	3	SE
11/09/2013	07:45	3	SSE
11/09/2013	07:50	3	SE
11/09/2013	07:55	4	SSE
11/09/2013	08:00	2	SE
11/09/2013	08:05	2	SSE
11/09/2013	08:10	3	SSE
11/09/2013	08:15	4	SE
11/09/2013	08:20	3	ESE
11/09/2013	08:25	3	ESE
11/09/2013	08:30	4	ESE
11/09/2013	08:35	4	ESE
11/09/2013	08:40	4	ESE
11/09/2013	08:45	3	SE
11/09/2013	08:50	4	SE
11/09/2013	08:55	3	SSE
11/09/2013	09:00	4	SE
11/09/2013	09:05	3	SE
11/09/2013	09:10	3	SSE
11/09/2013	09:15	3	SSE
11/09/2013	09:20	4	SE
11/09/2013	09:25	3	SSE
11/09/2013	09:30	3	SSE
11/09/2013	09:35	3	ESE
11/09/2013	09:40	4	SE
11/09/2013	09:45	4	SSE
11/09/2013	09:50	4	SSE
11/09/2013	09:55	4	S
11/09/2013	10:00	5	SE
11/09/2013	10:05	4	S
11/09/2013	10:10	6	SSE
11/09/2013	10:15	4	SSE
11/09/2013	10:20	4	S
11/09/2013	10:25	8	SE
11/09/2013	10:30	8	SSE
11/09/2013	10:35	8	SSE
11/09/2013	10:40	9	SSE
11/09/2013	10:45	6	SSE

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

Date	Time	Wind Speed (mph)	Wind Direction
11/09/2013	10:50	8	SSE
11/09/2013	10:55	8	SSE
11/09/2013	11:00	5	SSE
11/09/2013	11:05	7	SSE
11/09/2013	11:10	7	SSE
11/09/2013	11:15	6	SSE
11/09/2013	11:20	9	SSE
11/09/2013	11:25	6	S
11/09/2013	11:30	7	SSE
11/09/2013	11:35	6	SSE
11/09/2013	11:40	7	SSE
11/09/2013	11:45	5	SSE
11/09/2013	11:50	7	SSE
11/09/2013	11:55	9	SE
11/09/2013	12:00	7	SSE
11/09/2013	12:05	9	SSE
11/09/2013	12:10	5	SE
11/09/2013	12:15	8	SE
11/09/2013	12:20	6	SSE
11/09/2013	12:25	5	SSE
11/09/2013	12:30	5	SE
11/09/2013	12:35	9	SE
11/09/2013	12:40	6	SSE
11/09/2013	12:45	8	SSW
11/09/2013	12:50	7	SSW
11/09/2013	12:55	5	SSW
11/09/2013	13:00	6	SW
11/09/2013	13:05	4	SW
11/09/2013	13:10	5	SSE
11/09/2013	13:15	4	SE
11/09/2013	13:20	6	SE
11/09/2013	13:25	3	ESE
11/09/2013	13:30	5	SSE
11/09/2013	13:35	5	SSE
11/09/2013	13:40	6	SE
11/09/2013	13:45	3	SSE
11/09/2013	13:50	6	SE
11/09/2013	13:55	6	SE
11/09/2013	14:00	5	S
11/09/2013	14:05	6	SE
11/09/2013	14:10	5	SE
11/09/2013	14:15	6	SSE
11/09/2013	14:20	5	S
11/09/2013	14:25	6	S

Date	Time	Wind Speed (mph)	Wind Direction
11/09/2013	14:30	4	SSE
11/09/2013	14:35	3	SSW
11/09/2013	14:40	5	SE
11/09/2013	14:45	5	S
11/09/2013	14:50	6	SSE
11/09/2013	14:55	4	SSW
11/09/2013	15:00	6	SSE
11/09/2013	15:05	4	SE
11/09/2013	15:10	6	SE
11/09/2013	15:15	4	ESE
11/09/2013	15:20	5	SSE
11/09/2013	15:25	4	SSE
11/09/2013	15:30	4	SSW
11/09/2013	15:35	5	SSE
11/09/2013	15:40	6	SE
11/09/2013	15:45	5	SE
11/09/2013	15:50	4	ESE
11/09/2013	15:55	7	SSE
11/09/2013	16:00	4	W
11/09/2013	16:05	3	S
11/09/2013	16:10	3	E
11/09/2013	16:15	5	SE
11/09/2013	16:20	6	SE
11/09/2013	16:25	5	SE
11/09/2013	16:30	3	ESE
11/09/2013	16:35	5	ESE
11/09/2013	16:40	7	SSE
11/09/2013	16:45	6	ESE
11/09/2013	16:50	5	SE
11/09/2013	16:55	7	SSE
11/09/2013	17:00	7	SE
11/09/2013	17:05	6	SE
11/09/2013	17:10	7	SE
11/09/2013	17:15	7	SE
11/09/2013	17:20	8	SSE
11/09/2013	17:25	9	SSE
11/09/2013	17:30	8	SE
11/09/2013	17:35	8	SSE
11/09/2013	17:40	9	SE
11/09/2013	17:45	6	SE
11/09/2013	17:50	7	SSE
11/09/2013	17:55	6	SSE
11/09/2013	18:00	7	SSE
11/09/2013	18:05	7	SSE

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

Date	Time	Wind Speed (mph)	Wind Direction	Date	Time	Wind Speed (mph)	Wind Direction
11/09/2013	18:10	6	SSE	11/09/2013	21:50	6	SSE
11/09/2013	18:15	5	SSE	11/09/2013	21:55	4	SSE
11/09/2013	18:20	6	SE	11/09/2013	22:00	5	SSE
11/09/2013	18:25	6	SE	11/09/2013	22:05	6	SE
11/09/2013	18:30	5	SSE	11/09/2013	22:10	5	SSE
11/09/2013	18:35	3	SSE	11/09/2013	22:15	3	SSE
11/09/2013	18:40	3	SE	11/09/2013	22:20	5	SE
11/09/2013	18:45	3	S	11/09/2013	22:25	7	SE
11/09/2013	18:50	2	ESE	11/09/2013	22:30	7	SE
11/09/2013	18:55	3	SSE	11/09/2013	22:35	6	SE
11/09/2013	19:00	2	SSE	11/09/2013	22:40	6	SE
11/09/2013	19:05	1	WSW	11/09/2013	22:45	8	SE
11/09/2013	19:10	4	SE	11/09/2013	22:50	7	SE
11/09/2013	19:15	4	SE	11/09/2013	22:55	7	SSE
11/09/2013	19:20	6	SE	11/09/2013	23:00	9	SSE
11/09/2013	19:25	4	SSE	11/09/2013	23:05	8	SSE
11/09/2013	19:30	5	SE	11/09/2013	23:10	9	SE
11/09/2013	19:35	5	SE	11/09/2013	23:15	8	SSE
11/09/2013	19:40	4	SSE	11/09/2013	23:20	8	SE
11/09/2013	19:45	6	SE	11/09/2013	23:25	8	SE
11/09/2013	19:50	5	SE	11/09/2013	23:30	8	SE
11/09/2013	19:55	4	SE	11/09/2013	23:35	7	SE
11/09/2013	20:00	2	SE	11/09/2013	23:40	6	SE
11/09/2013	20:05	3	ESE	11/09/2013	23:45	5	SE
11/09/2013	20:10	3	SE	11/09/2013	23:50	6	SSE
11/09/2013	20:15	5	SE	11/09/2013	23:55	6	SE
11/09/2013	20:20	7	SE	12/09/2013	00:00	3	SSE
11/09/2013	20:25	6	SE	12/09/2013	00:05	4	SSE
11/09/2013	20:30	6	SE	12/09/2013	00:10	6	SE
11/09/2013	20:35	5	ESE	12/09/2013	00:15	8	SE
11/09/2013	20:40	6	ESE	12/09/2013	00:20	6	SSE
11/09/2013	20:45	5	SE	12/09/2013	00:25	7	SE
11/09/2013	20:50	5	SSE	12/09/2013	00:30	7	SE
11/09/2013	20:55	4	SSE	12/09/2013	00:35	6	SE
11/09/2013	21:00	4	E	12/09/2013	00:40	5	SSE
11/09/2013	21:05	5	SE	12/09/2013	00:45	5	SSE
11/09/2013	21:10	4	SE	12/09/2013	00:50	5	SSE
11/09/2013	21:15	5	SSE	12/09/2013	00:55	4	SSE
11/09/2013	21:20	3	SE	12/09/2013	01:00	4	SSE
11/09/2013	21:25	4	SE	12/09/2013	01:05	6	SSE
11/09/2013	21:30	4	SE	12/09/2013	01:10	5	SSE
11/09/2013	21:35	5	SE	12/09/2013	01:15	4	SSE
11/09/2013	21:40	6	SE	12/09/2013	01:20	5	SSE
11/09/2013	21:45	5	SE	12/09/2013	01:25	4	SSE

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

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

Date	Time	Wind Speed (mph)	Wind Direction
12/09/2013	05:10	5	SE
12/09/2013	05:15	4	SSE
12/09/2013	05:20	4	ESE
12/09/2013	05:25	4	SE
12/09/2013	05:30	4	S
12/09/2013	05:35	3	SSE
12/09/2013	05:40	4	SSE
12/09/2013	05:45	5	SSE
12/09/2013	05:50	3	SSE
12/09/2013	05:55	4	SSE
12/09/2013	06:00	6	SSE
12/09/2013	06:05	3	SSE
12/09/2013	06:10	5	SE
12/09/2013	06:15	5	SSE
12/09/2013	06:20	4	SE
12/09/2013	06:25	5	SE
12/09/2013	06:30	4	SE
12/09/2013	06:35	3	SSE
12/09/2013	06:40	3	SE
12/09/2013	06:45	4	SSE
12/09/2013	06:50	2	SSW
12/09/2013	06:55	4	SE
12/09/2013	07:00	3	SSE
12/09/2013	07:05	4	SSE
12/09/2013	07:10	4	SSE
12/09/2013	07:15	4	SSE
12/09/2013	07:20	4	SSE
12/09/2013	07:25	4	SSE
12/09/2013	07:30	5	SSE
12/09/2013	07:35	4	SSE
12/09/2013	07:40	6	SSE
12/09/2013	07:45	8	SSE
12/09/2013	07:50	7	SSE
12/09/2013	07:55	4	SSE
12/09/2013	08:00	6	SSE
12/09/2013	08:05	5	SSE
12/09/2013	08:10	6	SSE
12/09/2013	08:15	5	SSE
12/09/2013	08:20	6	SSE
12/09/2013	08:25	6	SSE
12/09/2013	08:30	5	SSE
12/09/2013	08:35	4	SSE
12/09/2013	08:40	5	SSE
12/09/2013	08:45	6	SSE

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

Date	Time	Wind Speed (mph)	Wind Direction
12/09/2013	08:50	6	SSE
12/09/2013	08:55	7	SSE
12/09/2013	09:00	7	SSE
12/09/2013	09:05	7	SSE
12/09/2013	09:10	5	SSE
12/09/2013	09:15	7	SSE
12/09/2013	09:20	6	SE
12/09/2013	09:25	6	SSE
12/09/2013	09:30	8	SSE
12/09/2013	09:35	6	SSE
12/09/2013	09:40	5	SSE
12/09/2013	09:45	8	SSE
12/09/2013	09:50	7	SSE
12/09/2013	09:55	8	SSE
12/09/2013	10:00	6	SSE
12/09/2013	10:05	8	SSE
12/09/2013	10:10	7	SSE
12/09/2013	10:15	5	SSE
12/09/2013	10:20	7	SE
12/09/2013	10:25	7	SSE
12/09/2013	10:30	7	SSE
12/09/2013	10:35	9	SE
12/09/2013	10:40	8	S
12/09/2013	10:45	6	SE
12/09/2013	10:50	6	SSE
12/09/2013	10:55	7	SSE
12/09/2013	11:00	7	SE
12/09/2013	11:05	6	SE
12/09/2013	11:10	9	SE
12/09/2013	11:15	8	SE
12/09/2013	11:20	8	SSE
12/09/2013	11:25	8	SE
12/09/2013	11:30	7	SSE
12/09/2013	11:35	5	SSE
12/09/2013	11:40	5	SSE
12/09/2013	11:45	7	SSE
12/09/2013	11:50	7	SSE
12/09/2013	11:55	7	SSE
12/09/2013	12:00	8	SSE
12/09/2013	12:05	7	SSE
12/09/2013	12:10	7	SSE
12/09/2013	12:15	8	SSE
12/09/2013	12:20	6	SSE
12/09/2013	12:25	5	S

Date	Time	Wind Speed (mph)	Wind Direction
12/09/2013	12:30	6	SSE
12/09/2013	12:35	5	S
12/09/2013	12:40	6	SSE
12/09/2013	12:45	6	S
12/09/2013	12:50	5	SSE
12/09/2013	12:55	6	SSE
12/09/2013	13:00	6	SSE
12/09/2013	13:05	7	SSE
12/09/2013	13:10	7	SSE
12/09/2013	13:15	6	SSE
12/09/2013	13:20	5	SE
12/09/2013	13:25	5	SSE
12/09/2013	13:30	7	S
12/09/2013	13:35	6	SSE
12/09/2013	13:40	4	SW
12/09/2013	13:45	5	SW
12/09/2013	13:50	6	SSE
12/09/2013	13:55	6	SSE
12/09/2013	14:00	7	SSE
12/09/2013	14:05	6	SSW
12/09/2013	14:10	7	SSE
12/09/2013	14:15	9	SSE
12/09/2013	14:20	6	S
12/09/2013	14:25	7	SSE
12/09/2013	14:30	8	SSE
12/09/2013	14:35	7	SSE
12/09/2013	14:40	8	SSE
12/09/2013	14:45	6	SSE
12/09/2013	14:50	6	SSE
12/09/2013	14:55	4	SE
12/09/2013	15:00	5	S
12/09/2013	15:05	4	SSE
12/09/2013	15:10	4	SSE
12/09/2013	15:15	6	SSE
12/09/2013	15:20	6	SSE
12/09/2013	15:25	6	ESE
12/09/2013	15:30	6	S
12/09/2013	15:35	5	S
12/09/2013	15:40	6	SSE
12/09/2013	15:45	4	SSE
12/09/2013	15:50	2	W
12/09/2013	15:55	2	S
12/09/2013	16:00	4	SE
12/09/2013	16:05	4	SSE

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

Date	Time	Wind Speed (mph)	Wind Direction	Date	Time	Wind Speed (mph)	Wind Direction
12/09/2013	16:10	6	SE	14/09/2013	21:55	1	S
12/09/2013	16:15	8	SSE	14/09/2013	22:00	1	WNW
12/09/2013	16:20	4	SE	14/09/2013	22:05	1	SSE
12/09/2013	16:25	7	SSE	14/09/2013	22:10	1	SSE
12/09/2013	16:30	6	SSE	14/09/2013	22:15	1	N
12/09/2013	16:35	6	SE	14/09/2013	22:20	1	SW
12/09/2013	16:40	5	SSE	14/09/2013	22:25	1	SW
12/09/2013	16:45	7	SE	14/09/2013	22:30	0	N
12/09/2013	16:50	7	SE	14/09/2013	22:35	1	SSE
12/09/2013	16:55	7	SSE	14/09/2013	22:40	2	SSE
12/09/2013	17:00	8	ESE	14/09/2013	22:45	1	NNW
12/09/2013	17:05	6	SE	14/09/2013	22:50	0	S
12/09/2013	17:10	3	S	14/09/2013	22:55	0	---
12/09/2013	17:15	5	SSE	14/09/2013	23:00	0	S
12/09/2013	17:20	5	SE	14/09/2013	23:05	1	NNE
12/09/2013	17:25	4	S	14/09/2013	23:10	1	SSE
12/09/2013	17:30	5	SE	14/09/2013	23:15	1	NNE
12/09/2013	17:35	4	SE	14/09/2013	23:20	2	WNW
12/09/2013	17:40	6	SSE	14/09/2013	23:25	3	NW
12/09/2013	17:45	4	SE	14/09/2013	23:30	4	NNW
12/09/2013	17:50	4	SSE	14/09/2013	23:35	5	NNW
12/09/2013	17:55	5	SSE	14/09/2013	23:40	3	NNE
12/09/2013	18:00	3	S	14/09/2013	23:45	1	NE
12/09/2013	18:05	5	SSE	14/09/2013	23:50	3	NE
12/09/2013	18:10	8	SE	14/09/2013	23:55	4	ENE
12/09/2013	18:15	4	SE	15/09/2013	00:00	0	ESE
12/09/2013	18:20	5	SE	15/09/2013	00:05	0	---
12/09/2013	18:25	8	ESE	15/09/2013	00:10	0	---
14/09/2013	20:35	5	SSE	15/09/2013	00:15	0	S
14/09/2013	20:40	7	SE	15/09/2013	00:20	1	WNW
14/09/2013	20:45	5	SSE	15/09/2013	00:25	1	WNW
14/09/2013	20:50	5	SE	15/09/2013	00:30	1	WNW
14/09/2013	20:55	5	SSE	15/09/2013	00:35	2	E
14/09/2013	21:00	5	SSE	15/09/2013	00:40	2	ENE
14/09/2013	21:05	5	SSE	15/09/2013	00:45	3	NE
14/09/2013	21:10	5	SSE	15/09/2013	00:50	1	NNW
14/09/2013	21:15	3	SSE	15/09/2013	00:55	3	WNW
14/09/2013	21:20	1	SSE	15/09/2013	01:00	3	WNW
14/09/2013	21:25	1	SSE	15/09/2013	01:05	2	WNW
14/09/2013	21:30	2	WSW	15/09/2013	01:10	1	NW
14/09/2013	21:35	2	W	15/09/2013	01:15	0	W
14/09/2013	21:40	3	NNE	15/09/2013	01:20	1	SE
14/09/2013	21:45	2	NNE	15/09/2013	01:25	1	NE
14/09/2013	21:50	1	N	15/09/2013	01:30	1	NE

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

Date	Time	Wind Speed (mph)	Wind Direction
15/09/2013	01:35	1	NNE
15/09/2013	01:40	1	NW
15/09/2013	01:45	3	WNW
15/09/2013	01:50	3	WNW
15/09/2013	01:55	3	W
15/09/2013	02:00	1	WNW
15/09/2013	02:05	0	---
15/09/2013	02:10	0	---
15/09/2013	02:15	1	SSE
15/09/2013	02:20	0	SSW
15/09/2013	02:25	0	SSW
15/09/2013	02:30	0	SSW
15/09/2013	02:35	0	W
15/09/2013	02:40	0	---
15/09/2013	02:45	0	---
15/09/2013	02:50	0	---
15/09/2013	02:55	0	---
15/09/2013	03:00	0	---
15/09/2013	03:05	0	---
15/09/2013	03:10	0	---
15/09/2013	03:15	0	---
15/09/2013	03:20	0	---
15/09/2013	03:25	0	---
15/09/2013	03:30	0	---
15/09/2013	03:35	0	---
15/09/2013	03:40	0	---
15/09/2013	03:45	0	---
15/09/2013	03:50	0	---
15/09/2013	03:55	0	---
15/09/2013	04:00	0	---
15/09/2013	04:05	0	---
15/09/2013	04:10	0	---
15/09/2013	04:15	0	---
15/09/2013	04:20	0	---
15/09/2013	04:25	0	---
15/09/2013	04:30	0	---
15/09/2013	04:35	0	---
15/09/2013	04:40	0	---
15/09/2013	04:45	0	---
15/09/2013	04:50	0	---
15/09/2013	04:55	0	---
15/09/2013	05:00	0	---
15/09/2013	05:05	0	---
15/09/2013	05:10	0	---

Date	Time	Wind Speed (mph)	Wind Direction
15/09/2013	05:15	0	NW
15/09/2013	05:20	1	NW
15/09/2013	05:25	0	---
15/09/2013	05:30	0	---
15/09/2013	05:35	0	---
15/09/2013	05:40	0	---
15/09/2013	05:45	0	---
15/09/2013	05:50	0	---
15/09/2013	05:55	0	---
15/09/2013	06:00	0	---
15/09/2013	06:05	0	---
15/09/2013	06:10	0	---
15/09/2013	06:15	0	---
15/09/2013	06:20	0	---
15/09/2013	06:25	0	---
15/09/2013	06:30	0	---
15/09/2013	06:35	0	---
15/09/2013	06:40	0	---
15/09/2013	06:45	0	---
15/09/2013	06:50	0	---
15/09/2013	06:55	0	---
15/09/2013	07:00	0	---
15/09/2013	07:05	0	---
15/09/2013	07:10	0	---
15/09/2013	07:15	0	---
15/09/2013	07:20	0	---
15/09/2013	07:25	2	NW
15/09/2013	07:30	1	NW
15/09/2013	07:35	0	NW
15/09/2013	07:40	0	NW
15/09/2013	07:45	0	---
15/09/2013	07:50	0	---
15/09/2013	07:55	0	---
15/09/2013	08:00	0	---
15/09/2013	08:05	0	---
15/09/2013	08:10	0	---
15/09/2013	08:15	0	---
15/09/2013	08:20	0	---
15/09/2013	08:25	0	---
15/09/2013	08:30	0	---
15/09/2013	08:35	1	ESE
15/09/2013	08:40	1	S
15/09/2013	08:45	1	E
15/09/2013	08:50	1	E

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

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

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

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

Date	Time	Wind Speed (mph)	Wind Direction
15/09/2013	16:15	6	SE
15/09/2013	16:20	5	SE
15/09/2013	16:25	5	SSE
15/09/2013	16:30	4	SE
15/09/2013	16:35	4	ESE
15/09/2013	16:40	3	ESE
15/09/2013	16:45	1	SE
15/09/2013	16:50	3	SSE
15/09/2013	16:55	3	SSE
15/09/2013	17:00	2	E
15/09/2013	17:05	3	SE
15/09/2013	17:10	3	SSE
15/09/2013	17:15	3	SSE
15/09/2013	17:20	3	ESE
15/09/2013	17:25	2	ESE
15/09/2013	17:30	2	ESE
15/09/2013	17:35	5	SE
15/09/2013	17:40	3	SSE
15/09/2013	17:45	1	SSE
15/09/2013	17:50	1	E
15/09/2013	17:55	3	SSE
15/09/2013	18:00	3	SSE
15/09/2013	18:05	8	SE
15/09/2013	18:10	10	SE
15/09/2013	18:15	8	SSE
15/09/2013	18:20	8	SSE
15/09/2013	18:25	8	SSE
15/09/2013	18:30	7	SSE
15/09/2013	18:35	4	SSE
15/09/2013	18:40	4	SE
15/09/2013	18:45	7	SE
15/09/2013	18:50	5	SSE
15/09/2013	18:55	4	SSE
15/09/2013	19:00	6	ESE
15/09/2013	19:05	5	ESE
15/09/2013	19:10	3	SE
15/09/2013	19:15	4	E
15/09/2013	19:20	2	SE
15/09/2013	19:25	6	SE
15/09/2013	19:30	7	SE
15/09/2013	19:35	8	SSE
15/09/2013	19:40	7	SSE
15/09/2013	19:45	7	SE
15/09/2013	19:50	5	SSE

Date	Time	Wind Speed (mph)	Wind Direction
15/09/2013	19:55	8	SE
15/09/2013	20:00	6	SSE
15/09/2013	20:05	7	SE
15/09/2013	20:10	7	SE
15/09/2013	20:15	6	SSE
15/09/2013	20:20	6	SSE
15/09/2013	20:25	6	SSE
15/09/2013	20:30	5	SE
15/09/2013	20:35	5	SSE
15/09/2013	20:40	7	SE
15/09/2013	20:45	5	S
15/09/2013	20:50	6	SE
15/09/2013	20:55	6	SSE
15/09/2013	21:00	4	E
15/09/2013	21:05	4	ESE
15/09/2013	21:10	4	SE
15/09/2013	21:15	3	E
15/09/2013	21:20	2	SSE
15/09/2013	21:25	3	SE
15/09/2013	21:30	3	E
15/09/2013	21:35	3	SSE
15/09/2013	21:40	3	ESE
15/09/2013	21:45	6	ESE
15/09/2013	21:50	7	SE
15/09/2013	21:55	7	SE
15/09/2013	22:00	5	SSE
15/09/2013	22:05	5	SE
15/09/2013	22:10	4	SSE
15/09/2013	22:15	4	SSE
15/09/2013	22:20	4	SSE
15/09/2013	22:25	7	SSE
15/09/2013	22:30	5	SSE
15/09/2013	22:35	5	SSE
15/09/2013	22:40	4	SSE
15/09/2013	22:45	5	SSE
15/09/2013	22:50	5	SE
15/09/2013	22:55	6	SSE
15/09/2013	23:00	4	SSE
15/09/2013	23:05	2	SE
15/09/2013	23:10	3	SSE
15/09/2013	23:15	4	SE
15/09/2013	23:20	6	SE
15/09/2013	23:25	5	ESE
15/09/2013	23:30	4	SSE

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

Date	Time	Wind Speed (mph)	Wind Direction
15/09/2013	23:35	5	SSE
15/09/2013	23:40	5	SE
15/09/2013	23:45	4	SSE
15/09/2013	23:50	4	SSE
15/09/2013	23:55	5	SE
16/09/2013	00:00	5	SE
16/09/2013	00:05	5	SE
16/09/2013	00:10	3	SSE
16/09/2013	00:15	3	SE
16/09/2013	00:20	3	SE
16/09/2013	00:25	5	SSE
16/09/2013	00:30	6	SSE
16/09/2013	00:35	5	SSE
16/09/2013	00:40	6	SSE
16/09/2013	00:45	5	SSE
16/09/2013	00:50	7	SSW
16/09/2013	00:55	1	SSE
16/09/2013	01:00	5	SSE
16/09/2013	01:05	6	SSE
16/09/2013	01:10	6	SSE
16/09/2013	01:15	4	SSE
16/09/2013	01:20	5	SSE
16/09/2013	01:25	6	SSE
16/09/2013	01:30	6	SSE
16/09/2013	01:35	7	SSE
16/09/2013	01:40	5	SSE
16/09/2013	01:45	6	SSE
16/09/2013	01:50	4	SE
16/09/2013	01:55	3	SSE
16/09/2013	02:00	5	SSE
16/09/2013	02:05	3	SSE
16/09/2013	02:10	3	SSE
16/09/2013	02:15	4	SE
16/09/2013	02:20	4	SE
16/09/2013	02:25	3	SSE
16/09/2013	02:30	4	SSE
16/09/2013	02:35	4	SSE
16/09/2013	02:40	4	SE
16/09/2013	02:45	3	SSE
16/09/2013	02:50	3	S
16/09/2013	02:55	4	SSE
16/09/2013	03:00	4	SSE
16/09/2013	03:05	4	SSE
16/09/2013	03:10	1	SSE
16/09/2013	03:15	5	SSE
16/09/2013	03:20	4	SSE
16/09/2013	03:25	4	SSE
16/09/2013	03:30	4	SSE
16/09/2013	03:35	3	SE
16/09/2013	03:40	4	SSE
16/09/2013	03:45	5	SSE
16/09/2013	03:50	6	SSE
16/09/2013	03:55	3	S
16/09/2013	04:00	4	SSE
16/09/2013	04:05	4	SSE
16/09/2013	04:10	3	SE
16/09/2013	04:15	2	SE
16/09/2013	04:20	3	SSE
16/09/2013	04:25	3	SSE
16/09/2013	04:30	4	SSE
16/09/2013	04:35	4	S
16/09/2013	04:40	6	SSE
16/09/2013	04:45	4	SSE
16/09/2013	04:50	4	SSE
16/09/2013	04:55	4	SSE
16/09/2013	05:00	4	SSE
16/09/2013	05:05	3	SSE
16/09/2013	05:10	2	SE
16/09/2013	05:15	3	SSE
16/09/2013	05:20	3	SSE
16/09/2013	05:25	3	SE
16/09/2013	05:30	1	SE
16/09/2013	05:35	2	SSE
16/09/2013	05:40	4	ESE
16/09/2013	05:45	2	ESE
16/09/2013	05:50	3	SE
16/09/2013	05:55	2	SE
16/09/2013	06:00	2	ESE
16/09/2013	06:05	2	SE
16/09/2013	06:10	3	SE
16/09/2013	06:15	3	SE
16/09/2013	06:20	5	SSE
16/09/2013	06:25	4	SSE
16/09/2013	06:30	5	SSE
16/09/2013	06:35	6	SSE
16/09/2013	06:40	6	SE
16/09/2013	06:45	6	SE
16/09/2013	06:50	4	SSE

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

Date	Time	Wind Speed (mph)	Wind Direction	Date	Time	Wind Speed (mph)	Wind Direction
16/09/2013	06:55	5	SE	16/09/2013	10:35	7	SSE
16/09/2013	07:00	6	SE	16/09/2013	10:40	7	SSE
16/09/2013	07:05	5	SE	16/09/2013	10:45	9	SSE
16/09/2013	07:10	6	SE	16/09/2013	10:50	10	SSE
16/09/2013	07:15	4	SSE	16/09/2013	10:55	7	SSE
16/09/2013	07:20	4	SSE	16/09/2013	11:00	10	SSE
16/09/2013	07:25	6	SSE	16/09/2013	11:05	9	SSE
16/09/2013	07:30	4	SSE	16/09/2013	11:10	8	SSE
16/09/2013	07:35	5	SSE	16/09/2013	11:15	12	SSE
16/09/2013	07:40	5	SSE	16/09/2013	11:20	10	SSE
16/09/2013	07:45	6	S	16/09/2013	11:25	10	SSE
16/09/2013	07:50	5	SSE	16/09/2013	11:30	10	SSE
16/09/2013	07:55	6	SSE	16/09/2013	11:35	9	S
16/09/2013	08:00	6	SSE	16/09/2013	11:40	8	SSE
16/09/2013	08:05	6	SSE	16/09/2013	11:45	9	SSE
16/09/2013	08:10	6	SE	16/09/2013	11:50	9	SSE
16/09/2013	08:15	7	SSE	16/09/2013	11:55	10	SSE
16/09/2013	08:20	7	SE	16/09/2013	12:00	10	SSE
16/09/2013	08:25	6	SE	16/09/2013	12:05	10	SSE
16/09/2013	08:30	8	SSE	16/09/2013	12:10	8	SSE
16/09/2013	08:35	8	SSE	16/09/2013	12:15	9	SSE
16/09/2013	08:40	5	SE	16/09/2013	12:20	9	SSE
16/09/2013	08:45	6	SSE	16/09/2013	12:25	9	SSE
16/09/2013	08:50	9	SSE	16/09/2013	12:30	8	SSE
16/09/2013	08:55	7	SSE	16/09/2013	12:35	8	SSE
16/09/2013	09:00	7	SSE	16/09/2013	12:40	8	SSE
16/09/2013	09:05	7	SSE	16/09/2013	12:45	10	SSE
16/09/2013	09:10	7	SSE	16/09/2013	12:50	7	SSE
16/09/2013	09:15	7	SE	16/09/2013	12:55	5	SSE
16/09/2013	09:20	7	SE	16/09/2013	13:00	7	SSE
16/09/2013	09:25	10	SSE	16/09/2013	13:05	8	SSE
16/09/2013	09:30	8	SSE	16/09/2013	13:10	8	SE
16/09/2013	09:35	8	SSE	16/09/2013	13:15	6	SSE
16/09/2013	09:40	9	SSE	16/09/2013	13:20	7	SSE
16/09/2013	09:45	10	SSE	16/09/2013	13:25	8	SSE
16/09/2013	09:50	7	SSE	16/09/2013	13:30	10	SSE
16/09/2013	09:55	7	SSE	16/09/2013	13:35	8	SSE
16/09/2013	10:00	7	SSE	16/09/2013	13:40	6	SSE
16/09/2013	10:05	7	SSE	16/09/2013	13:45	10	SSE
16/09/2013	10:10	10	SSE	16/09/2013	13:50	8	SSE
16/09/2013	10:15	8	SSE	16/09/2013	13:55	9	SSE
16/09/2013	10:20	6	SE	16/09/2013	14:00	6	SSE
16/09/2013	10:25	10	SE	16/09/2013	14:05	6	SSE
16/09/2013	10:30	9	SSE	16/09/2013	14:10	8	SSE

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

Date	Time	Wind Speed (mph)	Wind Direction	Date	Time	Wind Speed (mph)	Wind Direction
16/09/2013	14:15	8	SSE	16/09/2013	17:55	5	SSE
16/09/2013	14:20	8	SSE	16/09/2013	18:00	5	SE
16/09/2013	14:25	8	SSE	16/09/2013	18:05	3	SE
16/09/2013	14:30	10	SSE	16/09/2013	18:10	5	SE
16/09/2013	14:35	9	SSE	16/09/2013	18:15	5	SW
16/09/2013	14:40	7	SSE	16/09/2013	18:20	2	NE
16/09/2013	14:45	5	SW	16/09/2013	18:25	3	SE
16/09/2013	14:50	5	SSE	16/09/2013	18:30	4	ESE
16/09/2013	14:55	7	SSE	16/09/2013	18:35	6	SE
16/09/2013	15:00	7	SSE	16/09/2013	18:40	5	SSE
16/09/2013	15:05	7	SSE	16/09/2013	18:45	5	SE
16/09/2013	15:10	9	SSE	16/09/2013	18:50	5	SE
16/09/2013	15:15	8	S	16/09/2013	18:55	4	SE
16/09/2013	15:20	6	SSE	16/09/2013	19:00	2	SSE
16/09/2013	15:25	7	S	16/09/2013	19:05	6	SSE
16/09/2013	15:30	5	SSW	16/09/2013	19:10	4	S
16/09/2013	15:35	7	SSE	16/09/2013	19:15	4	SSE
16/09/2013	15:40	8	SSE	16/09/2013	19:20	6	SSE
16/09/2013	15:45	8	SSE	16/09/2013	19:25	6	S
16/09/2013	15:50	7	SSE	16/09/2013	19:30	5	SSE
16/09/2013	15:55	7	SSE	16/09/2013	19:35	4	SE
16/09/2013	16:00	6	S	16/09/2013	19:40	8	SSE
16/09/2013	16:05	5	SSE	16/09/2013	19:45	7	SSE
16/09/2013	16:10	5	SSE	16/09/2013	19:50	9	SSE
16/09/2013	16:15	5	SSE	16/09/2013	19:55	9	SSE
16/09/2013	16:20	5	SSE	16/09/2013	20:00	9	SSE
16/09/2013	16:25	7	SSE	16/09/2013	20:05	6	SSE
16/09/2013	16:30	6	SSE	16/09/2013	20:10	6	S
16/09/2013	16:35	7	S	16/09/2013	20:15	7	S
16/09/2013	16:40	4	SSE	16/09/2013	20:20	7	S
16/09/2013	16:45	6	S	16/09/2013	20:25	6	SSE
16/09/2013	16:50	6	SSE	16/09/2013	20:30	7	S
16/09/2013	16:55	6	SSE	16/09/2013	20:35	10	SSE
16/09/2013	17:00	7	S	16/09/2013	20:40	7	SSE
16/09/2013	17:05	8	S	16/09/2013	20:45	7	SSE
16/09/2013	17:10	6	SSE	16/09/2013	20:50	9	SSE
16/09/2013	17:15	6	S	16/09/2013	20:55	7	SE
16/09/2013	17:20	8	SSW	16/09/2013	21:00	7	SSE
16/09/2013	17:25	5	ESE	16/09/2013	21:05	6	SSE
16/09/2013	17:30	5	SSE	16/09/2013	21:10	7	SSE
16/09/2013	17:35	7	SSE	16/09/2013	21:15	6	SSE
16/09/2013	17:40	6	S	16/09/2013	21:20	6	SSE
16/09/2013	17:45	7	S	16/09/2013	21:25	6	SSE
16/09/2013	17:50	7	S	16/09/2013	21:30	6	S

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

Date	Time	Wind Speed (mph)	Wind Direction	Date	Time	Wind Speed (mph)	Wind Direction
16/09/2013	21:35	7	S	17/09/2013	01:15	5	SSE
16/09/2013	21:40	5	SW	17/09/2013	01:20	6	SSE
16/09/2013	21:45	7	SSE	17/09/2013	01:25	5	SSE
16/09/2013	21:50	7	SSE	17/09/2013	01:30	9	SSE
16/09/2013	21:55	9	SSE	17/09/2013	01:35	9	SSE
16/09/2013	22:00	7	SSE	17/09/2013	01:40	6	SSE
16/09/2013	22:05	8	S	17/09/2013	01:45	8	SSE
16/09/2013	22:10	5	S	17/09/2013	01:50	7	SSE
16/09/2013	22:15	5	S	17/09/2013	01:55	9	SSE
16/09/2013	22:20	6	SSE	17/09/2013	02:00	8	SSE
16/09/2013	22:25	6	S	17/09/2013	02:05	11	SSE
16/09/2013	22:30	6	SSE	17/09/2013	02:10	9	SSE
16/09/2013	22:35	7	S	17/09/2013	02:15	7	SSE
16/09/2013	22:40	8	SE	17/09/2013	02:20	11	SSE
16/09/2013	22:45	7	SSE	17/09/2013	02:25	11	SSE
16/09/2013	22:50	9	SSE	17/09/2013	02:30	8	SSE
16/09/2013	22:55	9	SSE	17/09/2013	02:35	9	SSE
16/09/2013	23:00	10	SE	17/09/2013	02:40	8	SSE
16/09/2013	23:05	7	SSE	17/09/2013	02:45	8	SSE
16/09/2013	23:10	10	SSE	17/09/2013	02:50	8	SSE
16/09/2013	23:15	10	SSE	17/09/2013	02:55	8	SSE
16/09/2013	23:20	12	SSE	17/09/2013	03:00	7	SSE
16/09/2013	23:25	7	SSE	17/09/2013	03:05	8	SSE
16/09/2013	23:30	7	SSE	17/09/2013	03:10	7	SSE
16/09/2013	23:35	10	SSE	17/09/2013	03:15	6	SSE
16/09/2013	23:40	8	SSE	17/09/2013	03:20	8	SSE
16/09/2013	23:45	7	SSE	17/09/2013	03:25	8	SSE
16/09/2013	23:50	8	SSE	17/09/2013	03:30	8	SSE
16/09/2013	23:55	9	SSE	17/09/2013	03:35	7	SSE
17/09/2013	00:00	8	SSE	17/09/2013	03:40	7	SSE
17/09/2013	00:05	9	SSE	17/09/2013	03:45	7	SSE
17/09/2013	00:10	8	SSE	17/09/2013	03:50	7	SSE
17/09/2013	00:15	10	SSE	17/09/2013	03:55	6	SSE
17/09/2013	00:20	8	SSE	17/09/2013	04:00	6	SSE
17/09/2013	00:25	8	SSE	17/09/2013	04:05	6	SSE
17/09/2013	00:30	8	SSE	17/09/2013	04:10	6	SSE
17/09/2013	00:35	7	SSE	17/09/2013	04:15	6	SSE
17/09/2013	00:40	6	SSE	17/09/2013	04:20	8	SE
17/09/2013	00:45	6	S	17/09/2013	04:25	5	SSE
17/09/2013	00:50	9	SSE	17/09/2013	04:30	7	SE
17/09/2013	00:55	7	SSE	17/09/2013	04:35	7	SSE
17/09/2013	01:00	6	SSE	17/09/2013	04:40	6	SE
17/09/2013	01:05	3	SSE	17/09/2013	04:45	6	SSE
17/09/2013	01:10	3	SSE	17/09/2013	04:50	8	SSE

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

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

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

Date	Time	Wind Speed (mph)	Wind Direction
17/09/2013	12:15	10	SSE
17/09/2013	12:20	6	SSE
17/09/2013	12:25	9	S
17/09/2013	12:30	8	SSE
17/09/2013	12:35	9	SSE
17/09/2013	12:40	9	SSE
17/09/2013	12:45	9	SSE
17/09/2013	12:50	7	SSE
17/09/2013	12:55	8	S
17/09/2013	13:00	10	S
17/09/2013	13:05	10	SSE
17/09/2013	13:10	8	SSE
17/09/2013	13:15	9	SSE
17/09/2013	13:20	9	SSE
17/09/2013	13:25	8	SSE
17/09/2013	13:30	7	SSE
17/09/2013	13:35	9	S
17/09/2013	13:40	7	SSW
17/09/2013	13:45	6	SSE
17/09/2013	13:50	5	SSE
17/09/2013	13:55	7	SSE
17/09/2013	14:00	7	SSE
17/09/2013	14:05	6	SSW
17/09/2013	14:10	8	SSW
17/09/2013	14:15	8	SSE
17/09/2013	14:20	9	SSE
17/09/2013	14:25	5	SSE
17/09/2013	14:30	6	S
17/09/2013	14:35	5	SSE
17/09/2013	14:40	7	SSE
17/09/2013	14:45	6	SSE
17/09/2013	14:50	4	S
17/09/2013	14:55	4	SSE
17/09/2013	15:00	6	SSE
17/09/2013	15:05	5	SSE
17/09/2013	15:10	4	S
17/09/2013	15:15	4	SSE
17/09/2013	15:20	5	SSE
17/09/2013	15:25	4	SSE
17/09/2013	15:30	4	SSE
17/09/2013	15:35	6	S
17/09/2013	15:40	7	S
17/09/2013	15:45	6	SSE
17/09/2013	15:50	6	SSE

Date	Time	Wind Speed (mph)	Wind Direction
17/09/2013	15:55	6	SSE
17/09/2013	16:00	7	SSE
17/09/2013	16:05	6	SSE
17/09/2013	16:10	5	SSE
17/09/2013	16:15	6	SSE
17/09/2013	16:20	4	SSE
17/09/2013	16:25	6	SSE
17/09/2013	16:30	8	SE
17/09/2013	16:35	8	SSE
17/09/2013	16:40	6	SSE
17/09/2013	16:45	5	SSE
17/09/2013	16:50	5	SSE
17/09/2013	16:55	6	SSE
17/09/2013	17:00	4	SSE
17/09/2013	17:05	7	SSE
17/09/2013	17:10	5	SSE
17/09/2013	17:15	4	SSE
17/09/2013	17:20	5	S
17/09/2013	17:25	5	SSE
17/09/2013	17:30	6	SSE
17/09/2013	17:35	5	SSE
17/09/2013	17:40	5	SSE
17/09/2013	17:45	5	SSE
17/09/2013	17:50	4	SSE
17/09/2013	17:55	4	S
17/09/2013	18:00	5	SSE
17/09/2013	18:05	4	SSE
17/09/2013	18:10	5	SSE
17/09/2013	18:15	5	SSE
17/09/2013	18:20	3	SSE
17/09/2013	18:25	5	SSE
17/09/2013	18:30	5	SSE
17/09/2013	18:35	4	SSE
17/09/2013	18:40	5	SSE
17/09/2013	18:45	5	SSE
17/09/2013	18:50	5	SSE
17/09/2013	18:55	5	SSE
17/09/2013	19:00	7	SSE
17/09/2013	19:05	6	SSE
17/09/2013	19:10	6	SSE
17/09/2013	19:15	5	SSE
17/09/2013	19:20	5	SSE
17/09/2013	19:25	4	SSE
17/09/2013	19:30	4	SSE

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

Date	Time	Wind Speed (mph)	Wind Direction	Date	Time	Wind Speed (mph)	Wind Direction
17/09/2013	19:35	4	SSE	17/09/2013	23:15	9	SSE
17/09/2013	19:40	4	SSE	17/09/2013	23:20	10	SSE
17/09/2013	19:45	3	SE	17/09/2013	23:25	8	SSE
17/09/2013	19:50	2	SSE	17/09/2013	23:30	9	SSE
17/09/2013	19:55	2	SSE	17/09/2013	23:35	9	SSE
17/09/2013	20:00	3	SE	17/09/2013	23:40	9	SSE
17/09/2013	20:05	3	SSE	17/09/2013	23:45	9	SSE
17/09/2013	20:10	4	SSE	17/09/2013	23:50	9	SSE
17/09/2013	20:15	3	SSE	17/09/2013	23:55	11	SSE
17/09/2013	20:20	5	SSE	18/09/2013	00:00	9	SSE
17/09/2013	20:25	6	SSE	18/09/2013	00:05	9	SSE
17/09/2013	20:30	5	SSE	18/09/2013	00:10	9	SSE
17/09/2013	20:35	5	SSE	18/09/2013	00:15	10	SSE
17/09/2013	20:40	6	SSE	18/09/2013	00:20	10	SSE
17/09/2013	20:45	5	SSE	18/09/2013	00:25	9	SSE
17/09/2013	20:50	4	SSE	18/09/2013	00:30	9	SSE
17/09/2013	20:55	5	SSE	18/09/2013	00:35	9	SSE
17/09/2013	21:00	6	SSE	18/09/2013	00:40	8	SSE
17/09/2013	21:05	6	SSE	18/09/2013	00:45	8	SSE
17/09/2013	21:10	6	SSE	18/09/2013	00:50	9	SSE
17/09/2013	21:15	7	S	18/09/2013	00:55	9	SSE
17/09/2013	21:20	6	SSE	18/09/2013	01:00	9	SSE
17/09/2013	21:25	10	SSE	18/09/2013	01:05	9	SSE
17/09/2013	21:30	6	SSE	18/09/2013	01:10	10	SSE
17/09/2013	21:35	8	SSE	18/09/2013	01:15	8	SSE
17/09/2013	21:40	10	SSE	18/09/2013	01:20	5	SSE
17/09/2013	21:45	7	SSE	18/09/2013	01:25	7	SSE
17/09/2013	21:50	8	SSE	18/09/2013	01:30	9	SSE
17/09/2013	21:55	7	SSE	18/09/2013	01:35	6	SSE
17/09/2013	22:00	8	SSE	18/09/2013	01:40	9	SSE
17/09/2013	22:05	9	S	18/09/2013	01:45	8	SSE
17/09/2013	22:10	7	SSE	18/09/2013	01:50	7	SSE
17/09/2013	22:15	8	SSE	18/09/2013	01:55	6	SSE
17/09/2013	22:20	10	SSE	18/09/2013	02:00	9	SE
17/09/2013	22:25	9	SSE	18/09/2013	02:05	9	SSE
17/09/2013	22:30	9	S	18/09/2013	02:10	7	SSE
17/09/2013	22:35	9	SSE	18/09/2013	02:15	7	SSE
17/09/2013	22:40	8	SSE	18/09/2013	02:20	8	SSE
17/09/2013	22:45	7	SSE	18/09/2013	02:25	10	SSE
17/09/2013	22:50	7	SSE	18/09/2013	02:30	9	SSE
17/09/2013	22:55	7	SSE	18/09/2013	02:35	7	SSE
17/09/2013	23:00	6	SSE	18/09/2013	02:40	7	SSE
17/09/2013	23:05	8	SSE	18/09/2013	02:45	8	SSE
17/09/2013	23:10	7	SSE	18/09/2013	02:50	8	SSE

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

Date	Time	Wind Speed (mph)	Wind Direction
18/09/2013	02:55	5	SSE
18/09/2013	03:00	8	SSE
18/09/2013	03:05	7	SSE
18/09/2013	03:10	9	SSE
18/09/2013	03:15	9	SSE
18/09/2013	03:20	8	SSE
18/09/2013	03:25	8	SSE
18/09/2013	03:30	9	SSE
18/09/2013	03:35	9	SSE
18/09/2013	03:40	12	SSE
18/09/2013	03:45	10	SSE
18/09/2013	03:50	9	SSE
18/09/2013	03:55	10	SSE
18/09/2013	04:00	9	SSE
18/09/2013	04:05	8	SSE
18/09/2013	04:10	9	SSE
18/09/2013	04:15	12	SSE
18/09/2013	04:20	9	SSE
18/09/2013	04:25	8	SSE
18/09/2013	04:30	10	SSE
18/09/2013	04:35	6	SSE
18/09/2013	04:40	6	SE
18/09/2013	04:45	8	SSE
18/09/2013	04:50	9	SSE
18/09/2013	04:55	6	SSE
18/09/2013	05:00	7	SSE
18/09/2013	05:05	10	SSE
18/09/2013	05:10	10	SSE
18/09/2013	05:15	8	SSE
18/09/2013	05:20	9	SSE
18/09/2013	05:25	9	SSE
18/09/2013	05:30	10	SSE
18/09/2013	05:35	8	SSE
18/09/2013	05:40	9	SSE
18/09/2013	05:45	7	SSE
18/09/2013	05:50	6	SSE
18/09/2013	05:55	10	SSE
18/09/2013	06:00	9	SSE
18/09/2013	06:05	7	SSE
18/09/2013	06:10	5	SSE
18/09/2013	06:15	6	SE
18/09/2013	06:20	6	SSE
18/09/2013	06:25	8	SSE
18/09/2013	06:30	6	SSE
18/09/2013	06:35	8	SSE
18/09/2013	06:40	6	SSE
18/09/2013	06:45	5	SSE
18/09/2013	06:50	7	SSE
18/09/2013	06:55	9	SE
18/09/2013	07:00	8	SE
18/09/2013	07:05	7	SSE
18/09/2013	07:10	8	SSE
18/09/2013	07:15	8	SE
18/09/2013	07:20	8	SSE
18/09/2013	07:25	8	SSE
18/09/2013	07:30	10	SE
18/09/2013	07:35	7	SSE
18/09/2013	07:40	9	SSE
18/09/2013	07:45	6	SSE
18/09/2013	07:50	8	SE
18/09/2013	07:55	7	SE
18/09/2013	08:00	8	SE
18/09/2013	08:05	6	SSE
18/09/2013	08:10	7	SSE
18/09/2013	08:15	6	SSE
18/09/2013	08:20	6	SSE
18/09/2013	08:25	7	SSE
18/09/2013	08:30	8	SSE
18/09/2013	08:35	7	SSE
18/09/2013	08:40	7	SSE
18/09/2013	08:45	8	SSE
18/09/2013	08:50	8	SSE
18/09/2013	08:55	7	SSE
18/09/2013	09:00	7	SSE
18/09/2013	09:05	8	SE
18/09/2013	09:10	8	SE
18/09/2013	09:15	7	SE
18/09/2013	09:20	9	SE
18/09/2013	09:25	8	SSE
18/09/2013	09:30	6	SSE
18/09/2013	09:35	5	SSE
18/09/2013	09:40	6	SSE
18/09/2013	09:45	8	SSE
18/09/2013	09:50	8	SSE
18/09/2013	09:55	7	SSE
18/09/2013	10:00	11	SE
18/09/2013	10:05	9	SSE
18/09/2013	10:10	7	SSE

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

Date	Time	Wind Speed (mph)	Wind Direction
18/09/2013	10:15	8	SSE
18/09/2013	10:20	9	SSE
18/09/2013	10:25	8	SSE
18/09/2013	10:30	9	SSE
18/09/2013	10:35	8	SSE
18/09/2013	10:40	7	SSE
18/09/2013	10:45	7	SSE
18/09/2013	10:50	7	SSE
18/09/2013	10:55	10	SE
18/09/2013	11:00	7	SSE
18/09/2013	11:05	8	SSE
18/09/2013	11:10	8	SSE
18/09/2013	11:15	6	S
18/09/2013	11:20	7	S
18/09/2013	11:25	6	S
18/09/2013	11:30	8	SSE
18/09/2013	11:35	4	SSE
18/09/2013	11:40	7	SSE
18/09/2013	11:45	6	SSE
18/09/2013	11:50	7	SSE
18/09/2013	11:55	6	SSE
18/09/2013	12:00	4	SSE
18/09/2013	12:05	7	SSE
18/09/2013	12:10	8	SSE
18/09/2013	12:15	7	S
18/09/2013	12:20	7	SSE
18/09/2013	12:25	7	SSE
18/09/2013	12:30	7	SSE
18/09/2013	12:35	8	SSE
18/09/2013	12:40	7	SSE
18/09/2013	12:45	7	SSE
18/09/2013	12:50	6	SSE
18/09/2013	12:55	7	SSE
18/09/2013	13:00	7	SSE
18/09/2013	13:05	9	SSE
18/09/2013	13:10	8	SSE
18/09/2013	13:15	9	SSE
18/09/2013	13:20	8	SSE
18/09/2013	13:25	7	SSE
18/09/2013	13:30	8	SSE
18/09/2013	13:35	7	SSE
18/09/2013	13:40	8	SSE
18/09/2013	13:45	9	S
18/09/2013	13:50	10	SSE

Date	Time	Wind Speed (mph)	Wind Direction
18/09/2013	13:55	8	S
18/09/2013	14:00	6	SSE
18/09/2013	14:05	6	SSE
18/09/2013	14:10	8	SSE
18/09/2013	14:15	7	SSE
18/09/2013	14:20	5	SSE
18/09/2013	14:25	8	SSE
18/09/2013	14:30	7	SSE
18/09/2013	14:35	6	S
18/09/2013	14:40	6	SSE
18/09/2013	14:45	7	SSE
18/09/2013	14:50	8	SSE
18/09/2013	14:55	7	SSE
18/09/2013	15:00	7	SSE
18/09/2013	15:05	7	S
18/09/2013	15:10	6	SSE
18/09/2013	15:15	5	SSE
18/09/2013	15:20	8	SSE
18/09/2013	15:25	6	SSE
18/09/2013	15:30	6	SSE
18/09/2013	15:35	7	SSE
18/09/2013	15:40	7	SSE
18/09/2013	15:45	5	SSE
18/09/2013	15:50	7	SSE
18/09/2013	15:55	6	SSE
18/09/2013	16:00	7	SSW
18/09/2013	16:05	7	SSE
18/09/2013	16:10	7	SSE
18/09/2013	16:15	9	SSE
18/09/2013	16:20	8	SSE
18/09/2013	16:25	7	SSE
18/09/2013	16:30	8	SSE
18/09/2013	16:35	7	SSE
18/09/2013	16:40	7	SSE
18/09/2013	16:45	7	S
18/09/2013	16:50	8	SSE
18/09/2013	16:55	7	SSE
18/09/2013	17:00	9	SSE
18/09/2013	17:05	8	SSE
18/09/2013	17:10	8	SSE
18/09/2013	17:15	7	SSE
18/09/2013	17:20	8	SSE
18/09/2013	17:25	7	SE
18/09/2013	17:30	8	SSE

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

Date	Time	Wind Speed (mph)	Wind Direction
18/09/2013	17:35	7	SSE
18/09/2013	17:40	9	SSE
18/09/2013	17:45	7	SSE
18/09/2013	17:50	6	SSE
18/09/2013	17:55	6	SSE
18/09/2013	18:00	10	SSE
18/09/2013	18:05	9	SSE
18/09/2013	18:10	8	SSE
18/09/2013	18:15	8	SSE
18/09/2013	18:20	7	SSE
18/09/2013	18:25	7	SE
18/09/2013	18:30	7	SSE
18/09/2013	18:35	5	SSE
18/09/2013	18:40	6	SSE
18/09/2013	18:45	6	SSE
18/09/2013	18:50	6	SSE
18/09/2013	18:55	5	SSE
18/09/2013	19:00	5	SE
18/09/2013	19:05	6	S
18/09/2013	19:10	3	SSE
18/09/2013	19:15	3	SSE
18/09/2013	19:20	6	SSE
18/09/2013	19:25	5	SSE
18/09/2013	19:30	6	SSE
18/09/2013	19:35	4	S
18/09/2013	19:40	5	SSW
18/09/2013	19:45	6	SSE
18/09/2013	19:50	6	SSW
18/09/2013	19:55	4	SSE
18/09/2013	20:00	5	SSE
18/09/2013	20:05	4	SSE
18/09/2013	20:10	4	SSE
18/09/2013	20:15	3	SSE
18/09/2013	20:20	4	SSE
18/09/2013	20:25	4	SE
18/09/2013	20:30	3	SSE
18/09/2013	20:35	3	SE
18/09/2013	20:40	3	SE
18/09/2013	20:45	3	SE
18/09/2013	20:50	3	SE
18/09/2013	20:55	3	SE
18/09/2013	21:00	4	SE
18/09/2013	21:05	4	SE
18/09/2013	21:10	4	SE

Date	Time	Wind Speed (mph)	Wind Direction
18/09/2013	21:15	4	SE
18/09/2013	21:20	3	S
18/09/2013	21:25	2	S
18/09/2013	21:30	4	SSE
18/09/2013	21:35	3	SSE
18/09/2013	21:40	3	SSE
18/09/2013	21:45	3	SSE
18/09/2013	21:50	4	SSE
18/09/2013	21:55	4	SSE
18/09/2013	22:00	5	SSE
18/09/2013	22:05	5	SSE
18/09/2013	22:10	4	SSE
18/09/2013	22:15	4	SE
18/09/2013	22:20	2	SSE
18/09/2013	22:25	3	SE
18/09/2013	22:30	3	SE
18/09/2013	22:35	2	SSE
18/09/2013	22:40	3	SE
18/09/2013	22:45	4	SE
18/09/2013	22:50	4	SE
18/09/2013	22:55	4	SSE
18/09/2013	23:00	4	SSE
18/09/2013	23:05	3	SE
18/09/2013	23:10	3	SSE
18/09/2013	23:15	2	SSE
18/09/2013	23:20	4	SE
18/09/2013	23:25	2	SE
18/09/2013	23:30	3	SSE
18/09/2013	23:35	3	SE
18/09/2013	23:40	2	SSE
18/09/2013	23:45	4	SE
18/09/2013	23:50	3	SE
18/09/2013	23:55	2	SSE
19/09/2013	00:00	2	S
19/09/2013	00:05	3	SSE
19/09/2013	00:10	4	SE
19/09/2013	00:15	3	SSE
19/09/2013	00:20	2	SSE
19/09/2013	00:25	2	SE
19/09/2013	00:30	2	SSE
19/09/2013	00:35	2	SE
19/09/2013	00:40	2	SSE
19/09/2013	00:45	3	SSE
19/09/2013	00:50	3	SSE

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

Date	Time	Wind Speed (mph)	Wind Direction	Date	Time	Wind Speed (mph)	Wind Direction
19/09/2013	00:55	4	SSE	19/09/2013	04:35	0	---
19/09/2013	01:00	3	SE	19/09/2013	04:40	0	---
19/09/2013	01:05	3	SE	19/09/2013	04:45	0	---
19/09/2013	01:10	3	SSE	19/09/2013	04:50	0	---
19/09/2013	01:15	2	S	19/09/2013	04:55	0	---
19/09/2013	01:20	2	S	19/09/2013	05:00	0	---
19/09/2013	01:25	3	SSE	19/09/2013	05:05	0	---
19/09/2013	01:30	3	SSE	19/09/2013	05:10	0	---
19/09/2013	01:35	2	SSE	19/09/2013	05:15	2	WNW
19/09/2013	01:40	4	SSE	19/09/2013	05:20	0	WNW
19/09/2013	01:45	1	S	19/09/2013	05:25	0	WNW
19/09/2013	01:50	2	SSE	19/09/2013	05:30	0	---
19/09/2013	01:55	0	---	19/09/2013	05:35	0	WNW
19/09/2013	02:00	0	---	19/09/2013	05:40	0	WNW
19/09/2013	02:05	0	---	19/09/2013	05:45	0	---
19/09/2013	02:10	0	SSE	19/09/2013	05:50	0	---
19/09/2013	02:15	1	ESE	19/09/2013	05:55	0	---
19/09/2013	02:20	3	ESE	19/09/2013	06:00	0	---
19/09/2013	02:25	1	S	19/09/2013	06:05	0	---
19/09/2013	02:30	1	SSE	19/09/2013	06:10	0	---
19/09/2013	02:35	0	---	19/09/2013	06:15	0	---
19/09/2013	02:40	3	SE	19/09/2013	06:20	0	---
19/09/2013	02:45	2	SE	19/09/2013	06:25	0	---
19/09/2013	02:50	1	SSE	19/09/2013	06:30	0	---
19/09/2013	02:55	2	SE	19/09/2013	06:35	0	---
19/09/2013	03:00	1	SE	19/09/2013	06:40	0	---
19/09/2013	03:05	2	SE	19/09/2013	06:45	0	---
19/09/2013	03:10	1	ESE	19/09/2013	06:50	0	---
19/09/2013	03:15	2	SE	19/09/2013	06:55	0	---
19/09/2013	03:20	2	SE	19/09/2013	07:00	0	---
19/09/2013	03:25	1	SE	19/09/2013	07:05	0	---
19/09/2013	03:30	1	SE	19/09/2013	07:10	0	---
19/09/2013	03:35	1	SE	19/09/2013	07:15	0	---
19/09/2013	03:40	1	SE	19/09/2013	07:20	0	---
19/09/2013	03:45	1	SE	19/09/2013	07:25	0	---
19/09/2013	03:50	0	---	19/09/2013	07:30	1	NNW
19/09/2013	03:55	0	SE	19/09/2013	07:35	1	NNW
19/09/2013	04:00	1	SE	19/09/2013	07:40	0	NNW
19/09/2013	04:05	0	---	19/09/2013	07:45	1	NNW
19/09/2013	04:10	0	---	19/09/2013	07:50	1	NNW
19/09/2013	04:15	0	SE	19/09/2013	07:55	2	N
19/09/2013	04:20	1	SSE	19/09/2013	08:00	2	N
19/09/2013	04:25	1	SSE	19/09/2013	08:05	1	N
19/09/2013	04:30	0	---	19/09/2013	08:10	0	---

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

Date	Time	Wind Speed (mph)	Wind Direction	Date	Time	Wind Speed (mph)	Wind Direction
19/09/2013	08:15	0	---	19/09/2013	11:55	8	SSE
19/09/2013	08:20	0	---	19/09/2013	12:00	9	SSE
19/09/2013	08:25	0	---	19/09/2013	12:05	10	SSE
19/09/2013	08:30	0	---	19/09/2013	12:10	9	SSE
19/09/2013	08:35	0	---	19/09/2013	12:15	8	SSE
19/09/2013	08:40	0	---	19/09/2013	12:20	8	SSE
19/09/2013	08:45	0	---	19/09/2013	12:25	10	SSE
19/09/2013	08:50	0	---	19/09/2013	12:30	9	SSE
19/09/2013	08:55	0	ENE	19/09/2013	12:35	9	SSE
19/09/2013	09:00	2	ENE	19/09/2013	12:40	8	SSE
19/09/2013	09:05	1	ENE	19/09/2013	12:45	7	S
19/09/2013	09:10	1	ENE	19/09/2013	12:50	11	SSE
19/09/2013	09:15	1	ENE	19/09/2013	12:55	10	SSE
19/09/2013	09:20	1	ENE	19/09/2013	13:00	7	SSE
19/09/2013	09:25	2	NE	19/09/2013	13:05	8	SSE
19/09/2013	09:30	2	ENE	19/09/2013	13:10	10	SSE
19/09/2013	09:35	1	ENE	19/09/2013	13:15	9	SSE
19/09/2013	09:40	3	ENE	19/09/2013	13:20	9	SSE
19/09/2013	09:45	2	ENE	19/09/2013	13:25	10	SSE
19/09/2013	09:50	5	SE	19/09/2013	13:30	8	SSE
19/09/2013	09:55	5	SSE	19/09/2013	13:35	7	SSE
19/09/2013	10:00	4	SE	19/09/2013	13:40	9	SSE
19/09/2013	10:05	3	E	19/09/2013	13:45	8	SSE
19/09/2013	10:10	5	ESE	19/09/2013	13:50	9	S
19/09/2013	10:15	4	SE	19/09/2013	13:55	6	S
19/09/2013	10:20	6	SSE	19/09/2013	14:00	8	SSE
19/09/2013	10:25	7	SSE	19/09/2013	14:05	8	SE
19/09/2013	10:30	8	S	19/09/2013	14:10	7	S
19/09/2013	10:35	8	SSE	19/09/2013	14:15	6	SSE
19/09/2013	10:40	7	SSE	19/09/2013	14:20	8	SSE
19/09/2013	10:45	7	SSE	19/09/2013	14:25	9	S
19/09/2013	10:50	9	S	19/09/2013	14:30	7	SSE
19/09/2013	10:55	6	SSE	19/09/2013	14:35	8	SSE
19/09/2013	11:00	9	SSE	19/09/2013	14:40	7	S
19/09/2013	11:05	7	SSE	19/09/2013	14:45	7	SSE
19/09/2013	11:10	9	SSE	19/09/2013	14:50	9	SSE
19/09/2013	11:15	6	SSE	19/09/2013	14:55	7	SSE
19/09/2013	11:20	7	SSE	19/09/2013	15:00	7	SSE
19/09/2013	11:25	7	SSE	19/09/2013	15:05	8	SSE
19/09/2013	11:30	9	SSE	19/09/2013	15:10	8	SSE
19/09/2013	11:35	8	S	19/09/2013	15:15	8	SSE
19/09/2013	11:40	7	S	19/09/2013	15:20	8	S
19/09/2013	11:45	7	SSE	19/09/2013	15:25	8	SSE
19/09/2013	11:50	9	SSE	19/09/2013	15:30	8	SSE

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

Date	Time	Wind Speed (mph)	Wind Direction
19/09/2013	15:35	9	SSE
19/09/2013	15:40	6	S
19/09/2013	15:45	6	SSE
19/09/2013	15:50	6	SSE
19/09/2013	15:55	5	S
19/09/2013	16:00	8	SSE
19/09/2013	16:05	7	SSE
19/09/2013	16:10	8	SSE
19/09/2013	16:15	9	SSE
19/09/2013	16:20	8	SSE
19/09/2013	16:25	9	SSE
19/09/2013	16:30	5	SSE
19/09/2013	16:35	6	SE
19/09/2013	16:40	7	SSE
19/09/2013	16:45	6	SSW
19/09/2013	16:50	7	SSE
19/09/2013	16:55	10	SSE
19/09/2013	17:00	7	SSE
19/09/2013	17:05	7	SSE
19/09/2013	17:10	9	SSE
19/09/2013	17:15	6	S
19/09/2013	17:20	7	S
19/09/2013	17:25	5	SSE
19/09/2013	17:30	7	S
19/09/2013	17:35	6	SSE
19/09/2013	17:40	8	SE
19/09/2013	17:45	7	SE
19/09/2013	17:50	7	SSE
19/09/2013	17:55	6	SSE
19/09/2013	18:00	7	SSE
19/09/2013	18:05	6	SE
19/09/2013	18:10	6	SSE
19/09/2013	18:15	6	SSW
19/09/2013	18:20	7	SSE
19/09/2013	18:25	8	SSE
19/09/2013	18:30	5	SSE
19/09/2013	18:35	7	S
19/09/2013	18:40	8	SSE
19/09/2013	18:45	10	SSE
19/09/2013	18:50	7	SSE
19/09/2013	18:55	8	SSE
19/09/2013	19:00	8	S
19/09/2013	19:05	8	SSE
19/09/2013	19:10	8	SSE

Date	Time	Wind Speed (mph)	Wind Direction
19/09/2013	19:15	8	SSE
19/09/2013	19:20	10	SSE
19/09/2013	19:25	9	SSE
19/09/2013	19:30	9	SSE
19/09/2013	19:35	7	SSE
19/09/2013	19:40	9	SSE
19/09/2013	19:45	9	SSE
19/09/2013	19:50	8	SSE
19/09/2013	19:55	8	SSE
19/09/2013	20:00	7	SSE
19/09/2013	20:05	8	SSE
19/09/2013	20:10	8	SSE
19/09/2013	20:15	5	SSE
19/09/2013	20:20	8	S
19/09/2013	20:25	5	SSE
19/09/2013	20:30	7	S
19/09/2013	20:35	7	SSE
19/09/2013	20:40	7	SSE
19/09/2013	20:45	6	S
19/09/2013	20:50	6	SSE
19/09/2013	20:55	7	SSE
19/09/2013	21:00	6	S
19/09/2013	21:05	6	SSE
19/09/2013	21:10	7	SSE
19/09/2013	21:15	7	SSE
19/09/2013	21:20	8	SE
19/09/2013	21:25	6	S
19/09/2013	21:30	6	ESE
19/09/2013	21:35	7	SE
19/09/2013	21:40	5	SE
19/09/2013	21:45	5	SE
19/09/2013	21:50	6	SE
19/09/2013	21:55	3	ESE
19/09/2013	22:00	5	SE
19/09/2013	22:05	3	SE
19/09/2013	22:10	3	SE
19/09/2013	22:15	6	SE
19/09/2013	22:20	3	SSE
19/09/2013	22:25	4	SE
19/09/2013	22:30	5	SSE
19/09/2013	22:35	3	SSE
19/09/2013	22:40	4	SE
19/09/2013	22:45	3	S
19/09/2013	22:50	2	SE

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

Date	Time	Wind Speed (mph)	Wind Direction
19/09/2013	22:55	4	SE
19/09/2013	23:00	5	S
19/09/2013	23:05	5	S
19/09/2013	23:10	6	SSE
19/09/2013	23:15	3	SSE
19/09/2013	23:20	7	SSE
19/09/2013	23:25	6	S
19/09/2013	23:30	6	SSE
19/09/2013	23:35	6	S
19/09/2013	23:40	6	SSE
19/09/2013	23:45	5	SSE
19/09/2013	23:50	6	SE
19/09/2013	23:55	6	SSE
20/09/2013	00:00	8	SSE
20/09/2013	00:05	6	SSE
20/09/2013	00:10	6	SSE
20/09/2013	00:15	5	SSE
20/09/2013	00:20	6	SSE
20/09/2013	00:25	6	SE
20/09/2013	00:30	5	SE
20/09/2013	00:35	6	SSE
20/09/2013	00:40	4	SSE
20/09/2013	00:45	4	SSE
20/09/2013	00:50	7	SE
20/09/2013	00:55	6	SSE
20/09/2013	01:00	5	SE
20/09/2013	01:05	7	SSE
20/09/2013	01:10	8	SE
20/09/2013	01:15	8	SE
20/09/2013	01:20	7	SE
20/09/2013	01:25	9	SE
20/09/2013	01:30	9	SSE
20/09/2013	01:35	8	SSE
20/09/2013	01:40	7	SSE
20/09/2013	01:45	7	SSE
20/09/2013	01:50	6	SSE
20/09/2013	01:55	4	S
20/09/2013	02:00	5	SSE
20/09/2013	02:05	5	SSE
20/09/2013	02:10	7	SSE
20/09/2013	02:15	5	SSE
20/09/2013	02:20	5	SE
20/09/2013	02:25	5	SE
20/09/2013	02:30	3	SSE

Date	Time	Wind Speed (mph)	Wind Direction
20/09/2013	02:35	3	SE
20/09/2013	02:40	2	ESE
20/09/2013	02:45	0	ESE
20/09/2013	02:50	1	ESE
20/09/2013	02:55	0	SSE
20/09/2013	03:00	0	WNW
20/09/2013	03:05	2	NNW
20/09/2013	03:10	2	NNW
20/09/2013	03:15	2	WNW
20/09/2013	03:20	3	NW
20/09/2013	03:25	3	NW
20/09/2013	03:30	1	NW
20/09/2013	03:35	1	WNW
20/09/2013	03:40	0	---
20/09/2013	03:45	1	SSW
20/09/2013	03:50	0	---
20/09/2013	03:55	0	---
20/09/2013	04:00	0	---
20/09/2013	04:05	0	---
20/09/2013	04:10	0	---
20/09/2013	04:15	0	WNW
20/09/2013	04:20	0	WNW
20/09/2013	04:25	0	---
20/09/2013	04:30	0	---
20/09/2013	04:35	0	---
20/09/2013	04:40	0	---
20/09/2013	04:45	0	---
20/09/2013	04:50	0	---
20/09/2013	04:55	0	---
20/09/2013	05:00	0	---
20/09/2013	05:05	0	---
20/09/2013	05:10	0	---
20/09/2013	05:15	2	N
20/09/2013	05:20	1	N
20/09/2013	05:25	1	WNW
20/09/2013	05:30	0	WNW
20/09/2013	05:35	0	---
20/09/2013	05:40	0	---
20/09/2013	05:45	0	---
20/09/2013	05:50	0	---
20/09/2013	05:55	0	---
20/09/2013	06:00	0	---
20/09/2013	06:05	0	---
20/09/2013	06:10	0	---

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

Date	Time	Wind Speed (mph)	Wind Direction
20/09/2013	06:15	0	---
20/09/2013	06:20	0	---
20/09/2013	06:25	0	---
20/09/2013	06:30	0	---
20/09/2013	06:35	0	---
20/09/2013	06:40	0	---
20/09/2013	06:45	0	---
20/09/2013	06:50	0	---
20/09/2013	06:55	0	---
20/09/2013	07:00	0	---
20/09/2013	07:05	0	---
20/09/2013	07:10	0	---
20/09/2013	07:15	0	---
20/09/2013	07:20	0	---
20/09/2013	07:25	0	---
20/09/2013	07:30	0	---
20/09/2013	07:35	0	---
20/09/2013	07:40	0	---
20/09/2013	07:45	0	---
20/09/2013	07:50	0	NNW
20/09/2013	07:55	2	NNW
20/09/2013	08:00	1	NNW
20/09/2013	08:05	0	NNW
20/09/2013	08:10	1	N
20/09/2013	08:15	1	NNE
20/09/2013	08:20	0	---
20/09/2013	08:25	0	NNE
20/09/2013	08:30	1	NNE
20/09/2013	08:35	0	---
20/09/2013	08:40	0	---
20/09/2013	08:45	0	---
20/09/2013	08:50	2	N
20/09/2013	08:55	3	N
20/09/2013	09:00	4	NNE
20/09/2013	09:05	5	NNW
20/09/2013	09:10	5	NNW
20/09/2013	09:15	6	N
20/09/2013	09:20	4	NNW
20/09/2013	09:25	4	NNW
20/09/2013	09:30	4	NNW
20/09/2013	09:35	4	N
20/09/2013	09:40	6	N
20/09/2013	09:45	4	N
20/09/2013	09:50	4	NNE
20/09/2013	09:55	4	N
20/09/2013	10:00	6	N
20/09/2013	10:05	7	NNW
20/09/2013	10:10	7	NNW
20/09/2013	10:15	6	N
20/09/2013	10:20	6	NNW
20/09/2013	10:25	5	NNW
20/09/2013	10:30	5	N
20/09/2013	10:35	5	N
20/09/2013	10:40	6	N
20/09/2013	10:45	5	N
20/09/2013	10:50	5	N
20/09/2013	10:55	5	N
20/09/2013	11:00	6	N
20/09/2013	11:05	7	N
20/09/2013	11:10	5	NNW
20/09/2013	11:15	5	NNW
20/09/2013	11:20	4	N
20/09/2013	11:25	5	NNE
20/09/2013	11:30	5	N
20/09/2013	11:35	3	NW
20/09/2013	11:40	3	NNW
20/09/2013	11:45	3	W
20/09/2013	11:50	5	N
20/09/2013	11:55	4	WNW
20/09/2013	12:00	3	N
20/09/2013	12:05	4	N
20/09/2013	12:10	5	NNW
20/09/2013	12:15	6	NNW
20/09/2013	12:20	6	N
20/09/2013	12:25	5	N
20/09/2013	12:30	7	NNW
20/09/2013	12:35	5	N
20/09/2013	12:40	4	N
20/09/2013	12:45	6	NNW
20/09/2013	12:50	6	N
20/09/2013	12:55	6	N
20/09/2013	13:00	6	N
20/09/2013	13:05	9	N
20/09/2013	13:10	7	NNE
20/09/2013	13:15	7	NNE
20/09/2013	13:20	7	NNW
20/09/2013	13:25	5	N
20/09/2013	13:30	5	NNW

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

Date	Time	Wind Speed (mph)	Wind Direction
20/09/2013	13:35	4	N
20/09/2013	13:40	5	NNW
20/09/2013	13:45	6	NE
20/09/2013	13:50	7	NE
20/09/2013	13:55	7	N
20/09/2013	14:00	6	NE
20/09/2013	14:05	5	NE
20/09/2013	14:10	6	NNE
20/09/2013	14:15	4	N
20/09/2013	14:20	4	N
20/09/2013	14:25	4	N
20/09/2013	14:30	6	NNE
20/09/2013	14:35	6	N
20/09/2013	14:40	7	NNE
20/09/2013	14:45	7	NNE
20/09/2013	14:50	10	NNW
20/09/2013	14:55	9	N
20/09/2013	15:00	8	N
20/09/2013	15:05	8	N
20/09/2013	15:10	7	N
20/09/2013	15:15	8	N
20/09/2013	15:20	7	N
20/09/2013	15:25	8	N
20/09/2013	15:30	8	N
20/09/2013	15:35	8	N
20/09/2013	15:40	8	NNW
20/09/2013	15:45	7	N
20/09/2013	15:50	8	N
20/09/2013	15:55	6	N
20/09/2013	16:00	7	N
20/09/2013	16:05	6	NNE
20/09/2013	16:10	6	N
20/09/2013	16:15	6	N
20/09/2013	16:20	6	N
20/09/2013	16:25	6	N
20/09/2013	16:30	6	N
20/09/2013	16:35	6	N
20/09/2013	16:40	7	N
20/09/2013	16:45	5	N
20/09/2013	16:50	5	N
20/09/2013	16:55	5	NNE
20/09/2013	17:00	4	N
20/09/2013	17:05	3	N
20/09/2013	17:10	3	NNE

Date	Time	Wind Speed (mph)	Wind Direction
20/09/2013	17:15	4	N
20/09/2013	17:20	3	NE
20/09/2013	17:25	4	N
20/09/2013	17:30	3	N
20/09/2013	17:35	2	NNE
20/09/2013	17:40	4	NNE
20/09/2013	17:45	2	NNW
20/09/2013	17:50	3	NW
20/09/2013	17:55	3	NNW
20/09/2013	18:00	4	NW
20/09/2013	18:05	4	NW
20/09/2013	18:10	3	NW
20/09/2013	18:15	4	NW
20/09/2013	18:20	4	NW
20/09/2013	18:25	5	NW
20/09/2013	18:30	5	NW
20/09/2013	18:35	4	NW
20/09/2013	18:40	4	WNW
20/09/2013	18:45	4	WNW
20/09/2013	18:50	4	NW
20/09/2013	18:55	4	NW
20/09/2013	19:00	5	NW
20/09/2013	19:05	3	WNW
20/09/2013	19:10	3	WNW
20/09/2013	19:15	2	NW
20/09/2013	19:20	1	WNW
20/09/2013	19:25	2	NNW
20/09/2013	19:30	0	NW
20/09/2013	19:35	1	NW
20/09/2013	19:40	0	NW
20/09/2013	19:45	0	NNW
20/09/2013	19:50	0	NNW
20/09/2013	19:55	0	---
20/09/2013	20:00	0	NW
20/09/2013	20:05	0	---
20/09/2013	20:10	0	---
20/09/2013	20:15	0	---
20/09/2013	20:20	1	NW
20/09/2013	20:25	1	NW
20/09/2013	20:30	0	---
20/09/2013	20:35	0	NW
20/09/2013	20:40	0	NW
20/09/2013	20:45	0	NW
20/09/2013	20:50	0	---

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

Date	Time	Wind Speed (mph)	Wind Direction	Date	Time	Wind Speed (mph)	Wind Direction
20/09/2013	20:55	0	---	21/09/2013	00:35	1	WNW
20/09/2013	21:00	0	---	21/09/2013	00:40	2	WNW
20/09/2013	21:05	0	---	21/09/2013	00:45	2	WNW
20/09/2013	21:10	0	---	21/09/2013	00:50	3	WNW
20/09/2013	21:15	0	---	21/09/2013	00:55	1	NW
20/09/2013	21:20	0	---	21/09/2013	01:00	2	W
20/09/2013	21:25	0	---	21/09/2013	01:05	1	W
20/09/2013	21:30	0	---	21/09/2013	01:10	1	W
20/09/2013	21:35	0	N	21/09/2013	01:15	1	W
20/09/2013	21:40	1	NW	21/09/2013	01:20	1	W
20/09/2013	21:45	0	N	21/09/2013	01:25	2	W
20/09/2013	21:50	0	---	21/09/2013	01:30	1	W
20/09/2013	21:55	0	---	21/09/2013	01:35	0	W
20/09/2013	22:00	1	NNW	21/09/2013	01:40	0	---
20/09/2013	22:05	0	WNW	21/09/2013	01:45	0	---
20/09/2013	22:10	0	WNW	21/09/2013	01:50	2	WNW
20/09/2013	22:15	0	---	21/09/2013	01:55	0	WNW
20/09/2013	22:20	0	---	21/09/2013	02:00	1	W
20/09/2013	22:25	0	---	21/09/2013	02:05	0	W
20/09/2013	22:30	0	---	21/09/2013	02:10	2	NW
20/09/2013	22:35	1	WNW	21/09/2013	02:15	2	NW
20/09/2013	22:40	2	NW	21/09/2013	02:20	2	WNW
20/09/2013	22:45	1	WNW	21/09/2013	02:25	1	WNW
20/09/2013	22:50	1	W	21/09/2013	02:30	0	WNW
20/09/2013	22:55	0	W	21/09/2013	02:35	0	---
20/09/2013	23:00	2	WNW	21/09/2013	02:40	0	---
20/09/2013	23:05	1	NW	21/09/2013	02:45	0	---
20/09/2013	23:10	2	W	21/09/2013	02:50	0	---
20/09/2013	23:15	1	W	21/09/2013	02:55	0	---
20/09/2013	23:20	2	W	21/09/2013	03:00	0	---
20/09/2013	23:25	2	W	21/09/2013	03:05	0	---
20/09/2013	23:30	2	WSW	21/09/2013	03:10	0	---
20/09/2013	23:35	2	W	21/09/2013	03:15	0	---
20/09/2013	23:40	1	WNW	21/09/2013	03:20	0	---
20/09/2013	23:45	2	WNW	21/09/2013	03:25	0	---
20/09/2013	23:50	2	W	21/09/2013	03:30	0	---
20/09/2013	23:55	2	WNW	21/09/2013	03:35	0	---
21/09/2013	00:00	2	WNW	21/09/2013	03:40	1	W
21/09/2013	00:05	1	WNW	21/09/2013	03:45	0	WSW
21/09/2013	00:10	2	W	21/09/2013	03:50	0	WSW
21/09/2013	00:15	2	W	21/09/2013	03:55	0	---
21/09/2013	00:20	2	WNW	21/09/2013	04:00	1	ESE
21/09/2013	00:25	1	WNW	21/09/2013	04:05	1	ESE
21/09/2013	00:30	0	S	21/09/2013	04:10	0	---

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

Date	Time	Wind Speed (mph)	Wind Direction
21/09/2013	04:15	0	SSE
21/09/2013	04:20	0	SSE
21/09/2013	04:25	0	---
21/09/2013	04:30	1	NE
21/09/2013	04:35	1	WSW
21/09/2013	04:40	3	WNW
21/09/2013	04:45	4	NNW
21/09/2013	04:50	2	NW
21/09/2013	04:55	1	NW
21/09/2013	05:00	1	NNW
21/09/2013	05:05	0	SSW
21/09/2013	05:10	2	SSW
21/09/2013	05:15	2	E
21/09/2013	05:20	0	---
21/09/2013	05:25	0	---
21/09/2013	05:30	0	---
21/09/2013	05:35	2	NNW
21/09/2013	05:40	2	N
21/09/2013	05:45	2	N
21/09/2013	05:50	1	NE
21/09/2013	05:55	0	WNW
21/09/2013	06:00	1	N
21/09/2013	06:05	2	WNW
21/09/2013	06:10	2	WNW
21/09/2013	06:15	1	NW
21/09/2013	06:20	0	---
21/09/2013	06:25	0	---
21/09/2013	06:30	0	---
21/09/2013	06:35	0	---
21/09/2013	06:40	0	---
21/09/2013	06:45	0	---
21/09/2013	06:50	0	---
21/09/2013	06:55	1	W
21/09/2013	07:00	2	WNW
21/09/2013	07:05	3	NW
21/09/2013	07:10	3	N
21/09/2013	07:15	3	N
21/09/2013	07:20	5	NNE
21/09/2013	07:25	5	N
21/09/2013	07:30	4	N
21/09/2013	07:35	3	N
21/09/2013	07:40	6	N
21/09/2013	07:45	5	NNE
21/09/2013	07:50	4	NNE
21/09/2013	07:55	4	N
21/09/2013	08:00	5	N
21/09/2013	08:05	3	N
21/09/2013	08:10	4	NNE
21/09/2013	08:15	5	NNE
21/09/2013	08:20	4	NNE
21/09/2013	08:25	5	NNE
21/09/2013	08:30	6	NNE
21/09/2013	08:35	6	N
21/09/2013	08:40	6	N
21/09/2013	08:45	5	N
21/09/2013	08:50	4	NE
21/09/2013	08:55	4	NE
21/09/2013	09:00	4	NE
21/09/2013	09:05	4	NNE
21/09/2013	09:10	4	ENE
21/09/2013	09:15	4	ENE
21/09/2013	09:20	6	NE
21/09/2013	09:25	5	NE
21/09/2013	09:30	3	ENE
21/09/2013	09:35	4	NE
21/09/2013	09:40	3	NE
21/09/2013	09:45	4	ENE
21/09/2013	09:50	4	NE
21/09/2013	09:55	5	N
21/09/2013	10:00	5	NE
21/09/2013	10:05	7	NNE
21/09/2013	10:10	5	NE
21/09/2013	10:15	7	NE
21/09/2013	10:20	4	NE
21/09/2013	10:25	6	NE
21/09/2013	10:30	6	NNE
21/09/2013	10:35	9	NNE
21/09/2013	10:40	7	NNE
21/09/2013	10:45	8	NNE
21/09/2013	10:50	9	NNE
21/09/2013	10:55	7	NNE
21/09/2013	11:00	9	NNE
21/09/2013	11:05	8	NNE
21/09/2013	11:10	9	NNE
21/09/2013	11:15	7	NNE
21/09/2013	11:20	8	N
21/09/2013	11:25	8	N
21/09/2013	11:30	6	NNE

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

Date	Time	Wind Speed (mph)	Wind Direction
21/09/2013	11:35	7	NNE
21/09/2013	11:40	7	NNE
21/09/2013	11:45	7	ENE
21/09/2013	11:50	9	NNE
21/09/2013	11:55	8	NNE
21/09/2013	12:00	8	NNE
21/09/2013	12:05	7	NNE
21/09/2013	12:10	6	ENE
21/09/2013	12:15	6	NE
21/09/2013	12:20	7	NNE
21/09/2013	12:25	7	NE
21/09/2013	12:30	5	NNE
21/09/2013	12:35	6	NE
21/09/2013	12:40	7	ENE
21/09/2013	12:45	5	NE
21/09/2013	12:50	7	NE
21/09/2013	12:55	7	NE
21/09/2013	13:00	7	NE
21/09/2013	13:05	7	ENE
21/09/2013	13:10	8	NE
21/09/2013	13:15	6	NNE
21/09/2013	13:20	8	NE
21/09/2013	13:25	7	NE
21/09/2013	13:30	4	ENE
21/09/2013	13:35	7	NE
21/09/2013	13:40	7	NNE
21/09/2013	13:45	7	NNE
21/09/2013	13:50	7	NNE
21/09/2013	13:55	9	N
21/09/2013	14:00	9	N
21/09/2013	14:05	9	N
21/09/2013	14:10	9	NNE
21/09/2013	14:15	6	NNE
21/09/2013	14:20	8	NNE
21/09/2013	14:25	6	NNE
21/09/2013	14:30	11	NNE
21/09/2013	14:35	10	N
21/09/2013	14:40	9	NNE
21/09/2013	14:45	8	NNE
21/09/2013	14:50	10	NNE
21/09/2013	14:55	9	N
21/09/2013	15:00	8	N
21/09/2013	15:05	9	NNE
21/09/2013	15:10	10	NNE
21/09/2013	15:15	8	N
21/09/2013	15:20	8	N
21/09/2013	15:25	11	N
21/09/2013	15:30	9	N
21/09/2013	15:35	9	NNE
21/09/2013	15:40	11	NNE
21/09/2013	15:45	10	NNE
21/09/2013	15:50	9	NNE
21/09/2013	15:55	9	N
21/09/2013	16:00	10	NNE
21/09/2013	16:05	9	NNE
21/09/2013	16:10	10	NNE
21/09/2013	16:15	7	N
21/09/2013	16:20	7	N
21/09/2013	16:25	5	NE
21/09/2013	16:30	7	NNE
21/09/2013	16:35	7	N
21/09/2013	16:40	10	N
21/09/2013	16:45	9	N
21/09/2013	16:50	9	NNE
21/09/2013	16:55	9	N
21/09/2013	17:00	9	NNE
21/09/2013	17:05	9	N
21/09/2013	17:10	7	NNE
21/09/2013	17:15	8	NE
21/09/2013	17:20	7	NE
21/09/2013	17:25	8	NE
21/09/2013	17:30	8	NNE
21/09/2013	17:35	8	NE
21/09/2013	17:40	8	NNE
21/09/2013	17:45	6	NNE
21/09/2013	17:50	7	NE
21/09/2013	17:55	7	NE
21/09/2013	18:00	6	NE
21/09/2013	18:05	4	NE
21/09/2013	18:10	2	ENE
21/09/2013	18:15	2	ENE
21/09/2013	18:20	1	ENE
21/09/2013	18:25	2	E
21/09/2013	18:30	3	ESE
21/09/2013	18:35	6	NE
21/09/2013	18:40	5	NE
21/09/2013	18:45	5	NE
21/09/2013	18:50	4	NE

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

Date	Time	Wind Speed (mph)	Wind Direction
21/09/2013	18:55	3	ENE
21/09/2013	19:00	4	ENE
21/09/2013	19:05	3	ENE
21/09/2013	19:10	3	ENE
21/09/2013	19:15	4	E
21/09/2013	19:20	5	E
21/09/2013	19:25	3	E
21/09/2013	19:30	4	E
21/09/2013	19:35	3	E
21/09/2013	19:40	2	ESE
21/09/2013	19:45	3	E
21/09/2013	19:50	3	E
21/09/2013	19:55	2	ESE
21/09/2013	20:00	4	E
21/09/2013	20:05	2	SE
21/09/2013	20:10	1	E
21/09/2013	20:15	0	SE
21/09/2013	20:20	0	ESE
21/09/2013	20:25	0	E
21/09/2013	20:30	0	---
21/09/2013	20:35	0	---
21/09/2013	20:40	0	NNE
21/09/2013	20:45	2	NE
21/09/2013	20:50	3	ENE
21/09/2013	20:55	2	SSE
21/09/2013	21:00	2	S
21/09/2013	21:05	3	S
21/09/2013	21:10	1	SSE
21/09/2013	21:15	0	WSW
21/09/2013	21:20	2	WNW
21/09/2013	21:25	3	NNW
21/09/2013	21:30	1	N
21/09/2013	21:35	0	---
21/09/2013	21:40	0	---
21/09/2013	21:45	1	SE
21/09/2013	21:50	0	NE
21/09/2013	21:55	1	E
21/09/2013	22:00	1	SE
21/09/2013	22:05	0	SE
21/09/2013	22:10	2	ENE
21/09/2013	22:15	2	E
21/09/2013	22:20	0	---
21/09/2013	22:25	0	---
21/09/2013	22:30	0	---

Date	Time	Wind Speed (mph)	Wind Direction
21/09/2013	22:35	0	---
21/09/2013	22:40	0	---
21/09/2013	22:45	0	---
21/09/2013	22:50	2	NNW
21/09/2013	22:55	2	WNW
21/09/2013	23:00	2	WNW
21/09/2013	23:05	2	W
21/09/2013	23:10	1	WNW
21/09/2013	23:15	2	WNW
21/09/2013	23:20	1	W
21/09/2013	23:25	0	NNE
21/09/2013	23:30	0	NNE
21/09/2013	23:35	1	NE
21/09/2013	23:40	0	NE
21/09/2013	23:45	1	NE
21/09/2013	23:50	5	N
21/09/2013	23:55	4	N
22/09/2013	00:00	3	NNW
22/09/2013	00:05	4	N
22/09/2013	00:10	4	NNW
22/09/2013	00:15	4	N
22/09/2013	00:20	3	N
22/09/2013	00:25	3	NNW
22/09/2013	00:30	2	N
22/09/2013	00:35	1	N
22/09/2013	00:40	4	NNW
22/09/2013	00:45	4	N
22/09/2013	00:50	4	N
22/09/2013	00:55	4	NNW
22/09/2013	01:00	6	N
22/09/2013	01:05	4	NNW
22/09/2013	01:10	5	NNW
22/09/2013	01:15	3	NNW
22/09/2013	01:20	4	NNW
22/09/2013	01:25	4	N
22/09/2013	01:30	4	N
22/09/2013	01:35	4	N
22/09/2013	01:40	3	NE
22/09/2013	01:45	2	NNW
22/09/2013	01:50	1	N
22/09/2013	01:55	3	N
22/09/2013	02:00	2	NW
22/09/2013	02:05	2	N
22/09/2013	02:10	0	NW

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

Date	Time	Wind Speed (mph)	Wind Direction
22/09/2013	02:15	0	NNW
22/09/2013	02:20	1	W
22/09/2013	02:25	3	N
22/09/2013	02:30	3	NNW
22/09/2013	02:35	5	NNW
22/09/2013	02:40	1	NNW
22/09/2013	02:45	3	NNW
22/09/2013	02:50	3	N
22/09/2013	02:55	2	NNW
22/09/2013	03:00	3	NNW
22/09/2013	03:05	3	NE
22/09/2013	03:10	2	N
22/09/2013	03:15	4	N
22/09/2013	03:20	5	NNE
22/09/2013	03:25	1	NE
22/09/2013	03:30	2	N
22/09/2013	03:35	5	N
22/09/2013	03:40	5	N
22/09/2013	03:45	6	N
22/09/2013	03:50	5	N
22/09/2013	03:55	4	NNE
22/09/2013	04:00	5	N
22/09/2013	04:05	5	N
22/09/2013	04:10	5	NNE
22/09/2013	04:15	5	NNE
22/09/2013	04:20	5	NNE
22/09/2013	04:25	5	NNE
22/09/2013	04:30	6	NNE
22/09/2013	04:35	5	NNE
22/09/2013	04:40	5	NE
22/09/2013	04:45	6	NE
22/09/2013	04:50	6	NNE
22/09/2013	04:55	7	NNE
22/09/2013	05:00	6	NNE
22/09/2013	05:05	5	NNE
22/09/2013	05:10	6	NNE
22/09/2013	05:15	6	NNE
22/09/2013	05:20	6	NNE
22/09/2013	05:25	6	NNE
22/09/2013	05:30	7	NNE
22/09/2013	05:35	7	NNE
22/09/2013	05:40	6	NNE
22/09/2013	05:45	6	NNE
22/09/2013	05:50	6	NNE

Date	Time	Wind Speed (mph)	Wind Direction
22/09/2013	05:55	6	NNE
22/09/2013	06:00	7	NNE
22/09/2013	06:05	6	NNE
22/09/2013	06:10	6	NNE
22/09/2013	06:15	5	N
22/09/2013	06:20	5	NNE
22/09/2013	06:25	5	N
22/09/2013	06:30	6	NNE
22/09/2013	06:35	3	NNE
22/09/2013	06:40	5	NNE
22/09/2013	06:45	6	NNE
22/09/2013	06:50	6	NNE
22/09/2013	06:55	4	NNE
22/09/2013	07:00	5	NNE
22/09/2013	07:05	6	NNE
22/09/2013	07:10	6	NNE
22/09/2013	07:15	5	N
22/09/2013	07:20	5	N
22/09/2013	07:25	5	NNW
22/09/2013	07:30	7	N
22/09/2013	07:35	5	N
22/09/2013	07:40	5	N
22/09/2013	07:45	6	NNE
22/09/2013	07:50	6	NNE
22/09/2013	07:55	5	N
22/09/2013	08:00	6	NNE
22/09/2013	08:05	3	N
22/09/2013	08:10	6	N
22/09/2013	08:15	6	NNE
22/09/2013	08:20	6	NNE
22/09/2013	08:25	7	N
22/09/2013	08:30	6	NNE
22/09/2013	08:35	6	N
22/09/2013	08:40	7	N
22/09/2013	08:45	5	NNE
22/09/2013	08:50	4	NNE
22/09/2013	08:55	7	NE
22/09/2013	09:00	5	NE
22/09/2013	09:05	5	NE
22/09/2013	09:10	8	E
22/09/2013	09:15	9	ENE
22/09/2013	09:20	3	E
22/09/2013	09:25	1	SE
22/09/2013	09:30	2	SSW

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

Date	Time	Wind Speed (mph)	Wind Direction
22/09/2013	09:35	2	SSW
22/09/2013	09:40	1	WNW
22/09/2013	09:45	1	SSW
22/09/2013	09:50	2	SSW
22/09/2013	09:55	0	WSW
22/09/2013	10:00	3	E
22/09/2013	10:05	2	SE
22/09/2013	10:10	2	E
22/09/2013	10:15	3	ENE
22/09/2013	10:20	3	ENE
22/09/2013	10:25	2	ENE
22/09/2013	10:30	2	ENE
22/09/2013	10:35	2	NNE
22/09/2013	10:40	5	NE
22/09/2013	10:45	6	NE
22/09/2013	10:50	5	ENE
22/09/2013	10:55	5	NE
22/09/2013	11:00	7	NE
22/09/2013	11:05	6	NE
22/09/2013	11:10	5	ENE
22/09/2013	11:15	3	E
22/09/2013	11:20	2	ESE
22/09/2013	11:25	3	E
22/09/2013	11:30	3	ENE
22/09/2013	11:35	3	SE
22/09/2013	11:40	5	ESE
22/09/2013	11:45	8	E
22/09/2013	11:50	7	ESE
22/09/2013	11:55	5	E
22/09/2013	12:00	3	E
22/09/2013	12:05	1	E
22/09/2013	12:10	0	SE
22/09/2013	12:15	2	E
22/09/2013	12:20	2	NE
22/09/2013	12:25	2	ESE
22/09/2013	12:30	1	ENE
22/09/2013	12:35	1	E
22/09/2013	12:40	1	SSE
22/09/2013	12:45	0	NNW
22/09/2013	12:50	2	SSE
22/09/2013	12:55	1	ESE
22/09/2013	13:00	3	N
22/09/2013	13:05	4	NNE
22/09/2013	13:10	5	NE
22/09/2013	13:15	4	NNE
22/09/2013	13:20	6	NNE
22/09/2013	13:25	4	NNE
22/09/2013	13:30	8	NNE
22/09/2013	13:35	7	NNE
22/09/2013	13:40	8	NE
22/09/2013	13:45	8	ENE
22/09/2013	13:50	5	ENE
22/09/2013	13:55	4	NNE
22/09/2013	14:00	7	NE
22/09/2013	14:05	7	NE
22/09/2013	14:10	6	NNE
22/09/2013	14:15	5	NE
22/09/2013	14:20	6	NE
22/09/2013	14:25	6	NE
22/09/2013	14:30	7	NE
22/09/2013	14:35	8	NE
22/09/2013	14:40	9	NE
22/09/2013	14:45	8	NNE
22/09/2013	14:50	8	NNE
22/09/2013	14:55	8	NNE
22/09/2013	15:00	8	NE
22/09/2013	15:05	8	NNE
22/09/2013	15:10	10	NNE
22/09/2013	15:15	6	NE
22/09/2013	15:20	7	NNE
22/09/2013	15:25	9	N
22/09/2013	15:30	10	NNE
22/09/2013	15:35	7	N
22/09/2013	15:40	6	NNE
22/09/2013	15:45	7	NNE
22/09/2013	15:50	11	NNE
22/09/2013	15:55	12	NNE
22/09/2013	16:00	9	NNE
22/09/2013	16:05	10	NNE
22/09/2013	16:10	7	NNE
22/09/2013	16:15	8	N
22/09/2013	16:20	9	N
22/09/2013	16:25	9	N
22/09/2013	16:30	10	NNE
22/09/2013	16:35	10	N
22/09/2013	16:40	11	NNE
22/09/2013	16:45	11	N
22/09/2013	16:50	12	NNW

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

Date	Time	Wind Speed (mph)	Wind Direction
22/09/2013	16:55	10	NNW
22/09/2013	17:00	10	N
22/09/2013	17:05	10	N
22/09/2013	17:10	11	N
22/09/2013	17:15	12	N
22/09/2013	17:20	11	N
22/09/2013	17:25	13	N
22/09/2013	17:30	13	N
22/09/2013	17:35	11	NNE
22/09/2013	17:40	12	N
22/09/2013	17:45	12	N
22/09/2013	17:50	13	N
22/09/2013	17:55	13	N
22/09/2013	18:00	12	N
22/09/2013	18:05	11	N
22/09/2013	18:10	12	N
22/09/2013	18:15	10	N
22/09/2013	18:20	12	N
22/09/2013	18:25	13	N
22/09/2013	18:30	13	N
22/09/2013	18:35	11	NNW
22/09/2013	18:40	14	N
22/09/2013	18:45	11	NNW
22/09/2013	18:50	16	NNE
22/09/2013	18:55	12	N
22/09/2013	19:00	15	N
22/09/2013	19:05	11	N
22/09/2013	19:10	17	N
22/09/2013	19:15	15	N
22/09/2013	19:20	12	N
22/09/2013	19:25	13	N
22/09/2013	19:30	13	N
22/09/2013	19:35	14	N
22/09/2013	19:40	16	N
22/09/2013	19:45	14	N
22/09/2013	19:50	16	N
22/09/2013	19:55	11	N
22/09/2013	20:00	12	N
22/09/2013	20:05	13	NNW
22/09/2013	20:10	15	N
22/09/2013	20:15	14	N
22/09/2013	20:20	11	NNW
22/09/2013	20:25	9	NNW
22/09/2013	20:30	11	N

Date	Time	Wind Speed (mph)	Wind Direction
22/09/2013	20:35	11	N
22/09/2013	20:40	8	NNW
22/09/2013	20:45	11	NNW
22/09/2013	20:50	13	NNW
22/09/2013	20:55	12	NNW
22/09/2013	21:00	16	NNW
22/09/2013	21:05	14	NW
22/09/2013	21:10	12	NW
22/09/2013	21:15	16	NW
22/09/2013	21:20	18	NW
22/09/2013	21:25	20	NW
22/09/2013	21:30	20	NW
22/09/2013	21:35	18	NW
22/09/2013	21:40	19	NW
22/09/2013	21:45	19	NW
22/09/2013	21:50	20	NW
22/09/2013	21:55	20	NNW
22/09/2013	22:00	21	NW
22/09/2013	22:05	26	NW
22/09/2013	22:10	26	NW
22/09/2013	22:15	25	NW
22/09/2013	22:20	24	NW
22/09/2013	22:25	22	NW
22/09/2013	22:30	25	NW
22/09/2013	22:35	23	NW
22/09/2013	22:40	23	NW
22/09/2013	22:45	20	NNW
22/09/2013	22:50	27	NW
22/09/2013	22:55	27	NW
22/09/2013	23:00	25	NW
22/09/2013	23:05	25	NW
22/09/2013	23:10	25	NW
22/09/2013	23:15	22	NNW
22/09/2013	23:20	22	NW
22/09/2013	23:25	20	NW
22/09/2013	23:30	19	NW
22/09/2013	23:35	23	NW
22/09/2013	23:40	24	NW
22/09/2013	23:45	19	NW
22/09/2013	23:50	19	NW
22/09/2013	23:55	16	NNW
23/09/2013	00:00	15	NNW
23/09/2013	00:05	13	NW
23/09/2013	00:10	12	NW

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

Date	Time	Wind Speed (mph)	Wind Direction
23/09/2013	00:15	16	NW
23/09/2013	00:20	14	NNW
23/09/2013	00:25	15	NNW
23/09/2013	00:30	12	NNW
23/09/2013	00:35	14	NNW
23/09/2013	00:40	13	NNW
23/09/2013	00:45	15	NNW
23/09/2013	00:50	16	NNW
23/09/2013	00:55	14	WNW
23/09/2013	01:00	13	NNW
23/09/2013	01:05	13	NW
23/09/2013	01:10	14	NW
23/09/2013	01:15	16	NNW
23/09/2013	01:20	13	NW
23/09/2013	01:25	17	NNW
23/09/2013	01:30	14	NNW
23/09/2013	01:35	13	NNW
23/09/2013	01:40	13	N
23/09/2013	01:45	13	NW
23/09/2013	01:50	13	NW
23/09/2013	01:55	11	NW
23/09/2013	02:00	10	NNW
23/09/2013	02:05	10	NNW
23/09/2013	02:10	10	NW
23/09/2013	02:15	11	NNW
23/09/2013	02:20	12	NNW
23/09/2013	02:25	12	NNW
23/09/2013	02:30	14	N
23/09/2013	02:35	14	NNW
23/09/2013	02:40	12	NNW
23/09/2013	02:45	10	N
23/09/2013	02:50	11	N
23/09/2013	02:55	10	N
23/09/2013	03:00	10	N
23/09/2013	03:05	14	NNW
23/09/2013	03:10	9	N
23/09/2013	03:15	10	NNW
23/09/2013	03:20	8	NE
23/09/2013	03:25	5	NNE
23/09/2013	03:30	9	N
23/09/2013	03:35	9	NW
23/09/2013	03:40	11	NW
23/09/2013	03:45	9	N
23/09/2013	03:50	6	NNW

Date	Time	Wind Speed (mph)	Wind Direction
23/09/2013	03:55	5	NNE
23/09/2013	04:00	7	N
23/09/2013	04:05	9	NNW
23/09/2013	04:10	9	NW
23/09/2013	04:15	8	N
23/09/2013	04:20	10	N
23/09/2013	04:25	8	N
23/09/2013	04:30	7	NNW
23/09/2013	04:35	8	N
23/09/2013	04:40	9	N
23/09/2013	04:45	9	N
23/09/2013	04:50	9	NNW
23/09/2013	04:55	9	NNW
23/09/2013	05:00	7	NNW
23/09/2013	05:05	6	NNW
23/09/2013	05:10	6	N
23/09/2013	05:15	6	NW
23/09/2013	05:20	7	NW
23/09/2013	05:25	7	NW
23/09/2013	05:30	5	NE
23/09/2013	05:35	8	NNW
23/09/2013	05:40	9	N
23/09/2013	05:45	7	NNW
23/09/2013	05:50	7	N
23/09/2013	05:55	7	N
23/09/2013	06:00	5	NNW
23/09/2013	06:05	5	NE
23/09/2013	06:10	6	NNW
23/09/2013	06:15	6	N
23/09/2013	06:20	8	NNW
23/09/2013	06:25	5	N
23/09/2013	06:30	6	NNE
23/09/2013	06:35	5	NNE
23/09/2013	06:40	7	N
23/09/2013	06:45	4	NNE
23/09/2013	06:50	4	SSE
23/09/2013	06:55	5	NNE
23/09/2013	07:00	3	ENE
23/09/2013	07:05	4	ESE
23/09/2013	07:10	5	NE
23/09/2013	07:15	7	SSE
23/09/2013	07:20	5	SE
23/09/2013	07:25	5	SSE
23/09/2013	07:30	4	SSE

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

Date	Time	Wind Speed (mph)	Wind Direction
23/09/2013	07:35	6	SSE
23/09/2013	07:40	4	SE
23/09/2013	07:45	1	S
23/09/2013	07:50	0	NW
23/09/2013	07:55	6	N
23/09/2013	08:00	4	N
23/09/2013	08:05	5	N
23/09/2013	08:10	3	N
23/09/2013	08:15	2	ENE
23/09/2013	08:20	2	E
23/09/2013	08:25	3	N
23/09/2013	08:30	5	N
23/09/2013	08:35	2	WNW
23/09/2013	08:40	5	NNE
23/09/2013	08:45	6	NNW
23/09/2013	08:50	6	N
23/09/2013	08:55	7	N
23/09/2013	09:00	6	NNE
23/09/2013	09:05	6	NNE
23/09/2013	09:10	6	SE
23/09/2013	09:15	6	ENE
23/09/2013	09:20	6	E
23/09/2013	09:25	7	ESE
23/09/2013	09:30	2	S
23/09/2013	09:35	5	NE
23/09/2013	09:40	9	SE
23/09/2013	09:45	7	SE
23/09/2013	09:50	7	ESE
23/09/2013	09:55	9	E
23/09/2013	10:00	8	SE
23/09/2013	10:05	11	SE
23/09/2013	10:10	7	SE
23/09/2013	10:15	7	ENE
23/09/2013	10:20	8	SSE
23/09/2013	10:25	8	SE
23/09/2013	10:30	8	SE
23/09/2013	10:35	8	ESE
23/09/2013	10:40	9	SE
23/09/2013	10:45	10	ESE
23/09/2013	10:50	8	SE
23/09/2013	10:55	8	ESE
23/09/2013	11:00	8	SE
23/09/2013	11:05	10	SE
23/09/2013	11:10	8	SE
23/09/2013	11:15	9	ESE
23/09/2013	11:20	8	ESE
23/09/2013	11:25	7	SE
23/09/2013	11:30	10	SSE
23/09/2013	11:35	9	SSE
23/09/2013	11:40	10	SE
23/09/2013	11:45	8	SSE
23/09/2013	11:50	8	SE
23/09/2013	11:55	9	SSE
23/09/2013	12:00	8	SE
23/09/2013	12:05	9	SSE
23/09/2013	12:10	8	SE
23/09/2013	12:15	8	E
23/09/2013	12:20	8	SE
23/09/2013	12:25	8	SSE
23/09/2013	12:30	8	SE
23/09/2013	12:35	9	SSE
23/09/2013	12:40	9	SSE
23/09/2013	12:45	8	SE
23/09/2013	12:50	7	SE
23/09/2013	12:55	8	E
23/09/2013	13:00	9	SE
23/09/2013	13:05	7	SE
23/09/2013	13:10	7	SE
23/09/2013	13:15	8	SE
23/09/2013	13:20	8	SE
23/09/2013	13:25	7	SE
23/09/2013	13:30	8	SSE
23/09/2013	13:35	7	SE
23/09/2013	13:40	7	SE
23/09/2013	13:45	10	SE
23/09/2013	13:50	8	ENE
23/09/2013	13:55	7	SE
23/09/2013	14:00	6	E
23/09/2013	14:05	7	E
23/09/2013	14:10	6	SSE
23/09/2013	14:15	5	SSE
23/09/2013	14:20	7	ESE
23/09/2013	14:25	7	SE
23/09/2013	14:30	5	SSE
23/09/2013	14:35	9	E
23/09/2013	14:40	7	SE
23/09/2013	14:45	6	E
23/09/2013	14:50	5	ENE

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

Date	Time	Wind Speed (mph)	Wind Direction
23/09/2013	14:55	5	E
23/09/2013	15:00	5	SE
23/09/2013	15:05	3	ESE
23/09/2013	15:10	4	SSE
23/09/2013	15:15	5	ENE
23/09/2013	15:20	7	SE
23/09/2013	15:25	4	S
23/09/2013	15:30	6	SE
23/09/2013	15:35	8	SE
23/09/2013	15:40	7	SE
23/09/2013	15:45	7	SSE
23/09/2013	15:50	6	SE
23/09/2013	15:55	6	SSE
23/09/2013	16:00	5	SE
23/09/2013	16:05	4	SE
23/09/2013	16:10	5	SSE
23/09/2013	16:15	4	SE
23/09/2013	16:20	5	E
23/09/2013	16:25	5	SE
23/09/2013	16:30	5	E
23/09/2013	16:35	6	SE
23/09/2013	16:40	6	ESE
23/09/2013	16:45	5	SSE
23/09/2013	16:50	4	SE
23/09/2013	16:55	6	SE
23/09/2013	17:00	5	SSE
23/09/2013	17:05	2	ESE
23/09/2013	17:10	6	SSE
23/09/2013	17:15	4	SE
23/09/2013	17:20	3	SSE
23/09/2013	17:25	3	SE
23/09/2013	17:30	4	SSE
23/09/2013	17:35	2	SE
23/09/2013	17:40	2	SSE
23/09/2013	17:45	3	SSE
23/09/2013	17:50	5	S
23/09/2013	17:55	5	E
23/09/2013	18:00	3	N
23/09/2013	18:05	4	SE
23/09/2013	18:10	4	SE
23/09/2013	18:15	2	ENE
23/09/2013	18:20	6	SE
23/09/2013	18:25	6	SE
23/09/2013	18:30	9	SSE

Date	Time	Wind Speed (mph)	Wind Direction
23/09/2013	18:35	9	S
23/09/2013	18:40	9	SSE
23/09/2013	18:45	6	SSE
23/09/2013	18:50	6	SSE
23/09/2013	18:55	2	SSE
23/09/2013	19:00	4	SSW
23/09/2013	19:05	4	NE
23/09/2013	19:10	4	ESE
23/09/2013	19:15	6	SE
23/09/2013	19:20	4	SSE
23/09/2013	19:25	6	SSE
23/09/2013	19:30	5	ESE
23/09/2013	19:35	8	ESE
23/09/2013	19:40	5	SSE
23/09/2013	19:45	6	SSE
23/09/2013	19:50	3	SE
23/09/2013	19:55	4	ENE
23/09/2013	20:00	4	ENE
23/09/2013	20:05	3	SSE
23/09/2013	20:10	4	S
23/09/2013	20:15	3	SE
23/09/2013	20:20	4	S
23/09/2013	20:25	5	SSE
23/09/2013	20:30	6	SSE
23/09/2013	20:35	5	SSE
23/09/2013	20:40	5	SSE
23/09/2013	20:45	8	SSE
23/09/2013	20:50	11	SSE
23/09/2013	20:55	13	SSE
23/09/2013	21:00	11	SSE
23/09/2013	21:05	12	SSE
23/09/2013	21:10	10	SSE
23/09/2013	21:15	11	SSE
23/09/2013	21:20	13	SSE
23/09/2013	21:25	8	SSE
23/09/2013	21:30	8	S
23/09/2013	21:35	9	SW
23/09/2013	21:40	11	SSE
23/09/2013	21:45	7	SSE
23/09/2013	21:50	13	SSE
23/09/2013	21:55	10	SSW
23/09/2013	22:00	14	S
23/09/2013	22:05	13	SSE
23/09/2013	22:10	9	SSE

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

Date	Time	Wind Speed (mph)	Wind Direction
23/09/2013	22:15	10	S
23/09/2013	22:20	13	SSW
23/09/2013	22:25	13	SSE
23/09/2013	22:30	10	SSE
23/09/2013	22:35	14	S
23/09/2013	22:40	11	SSW
23/09/2013	22:45	13	SSE
23/09/2013	22:50	12	SSW
23/09/2013	22:55	10	S
23/09/2013	23:00	8	SSE
23/09/2013	23:05	9	SSE
23/09/2013	23:10	8	SSE
23/09/2013	23:15	10	SSE
23/09/2013	23:20	7	SSW
23/09/2013	23:25	9	S
23/09/2013	23:30	6	SSE
23/09/2013	23:35	4	S
23/09/2013	23:40	7	S
23/09/2013	23:45	8	SSE
23/09/2013	23:50	7	SSE
23/09/2013	23:55	5	SSE
24/09/2013	00:00	5	SE
24/09/2013	00:05	4	SSW
24/09/2013	00:10	5	SSW
24/09/2013	00:15	8	SSE
24/09/2013	00:20	5	SSE
24/09/2013	00:25	7	SSE
24/09/2013	00:30	8	SSE
24/09/2013	00:35	9	SSW
24/09/2013	00:40	7	WSW
24/09/2013	00:45	10	SSE
24/09/2013	00:50	8	SSE
24/09/2013	00:55	10	SSE
24/09/2013	01:00	9	SSE
24/09/2013	01:05	8	SSE
24/09/2013	01:10	10	SSE
24/09/2013	01:15	7	SSE
24/09/2013	01:20	12	SSE
24/09/2013	01:25	10	SSE
24/09/2013	01:30	9	SSE
24/09/2013	01:35	7	ESE
24/09/2013	01:40	4	ESE
24/09/2013	01:45	6	SSE
24/09/2013	01:50	4	SSE

Date	Time	Wind Speed (mph)	Wind Direction
24/09/2013	01:55	7	SSE
24/09/2013	02:00	12	SSE
24/09/2013	02:05	9	SSE
24/09/2013	02:10	4	SE
24/09/2013	02:15	5	SSE
24/09/2013	02:20	6	SSE
24/09/2013	02:25	9	SSE
24/09/2013	02:30	7	SE
24/09/2013	02:35	7	SE
24/09/2013	02:40	5	SE
24/09/2013	02:45	7	SSE
24/09/2013	02:50	9	SSE
24/09/2013	02:55	7	SE
24/09/2013	03:00	6	ESE
24/09/2013	03:05	4	SSW
24/09/2013	03:10	7	SSE
24/09/2013	03:15	8	SSE
24/09/2013	03:20	8	SE
24/09/2013	03:25	10	SSE
24/09/2013	03:30	10	SSE
24/09/2013	03:35	7	SE
24/09/2013	03:40	9	SE
24/09/2013	03:45	7	ESE
24/09/2013	03:50	7	SE
24/09/2013	03:55	6	SE
24/09/2013	04:00	5	SSE
24/09/2013	04:05	6	SSE
24/09/2013	04:10	6	SSE
24/09/2013	04:15	8	SSE
24/09/2013	04:20	7	SSE
24/09/2013	04:25	7	SSE
24/09/2013	04:30	8	SSE
24/09/2013	04:35	6	SSE
24/09/2013	04:40	5	SE
24/09/2013	04:45	5	SE
24/09/2013	04:50	7	SSE
24/09/2013	04:55	4	ESE
24/09/2013	05:00	6	S
24/09/2013	05:05	10	SSE
24/09/2013	05:10	7	SE
24/09/2013	05:15	8	SE
24/09/2013	05:20	8	SSE
24/09/2013	05:25	11	SE
24/09/2013	05:30	9	SSE

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

Date	Time	Wind Speed (mph)	Wind Direction
24/09/2013	05:35	10	SE
24/09/2013	05:40	7	SSE
24/09/2013	05:45	7	SSE
24/09/2013	05:50	5	SSE
24/09/2013	05:55	9	SE
24/09/2013	06:00	7	SSE
24/09/2013	06:05	3	SSE
24/09/2013	06:10	8	SE
24/09/2013	06:15	9	SSE
24/09/2013	06:20	8	SSE
24/09/2013	06:25	9	SSE
24/09/2013	06:30	10	SE
24/09/2013	06:35	6	SE
24/09/2013	06:40	8	SE
24/09/2013	06:45	8	SSE
24/09/2013	06:50	6	SE
24/09/2013	06:55	6	SE
24/09/2013	07:00	3	SSE
24/09/2013	07:05	4	SSE
24/09/2013	07:10	6	SE
24/09/2013	07:15	6	SSW
24/09/2013	07:20	4	SW
24/09/2013	07:25	6	SSE
24/09/2013	07:30	6	SSE
24/09/2013	07:35	6	SSE
24/09/2013	07:40	6	SSE
24/09/2013	07:45	6	SSE
24/09/2013	07:50	7	SE
24/09/2013	07:55	6	SSE
24/09/2013	08:00	6	SE
24/09/2013	08:05	7	SE
24/09/2013	08:10	5	SE
24/09/2013	08:15	8	SSE
24/09/2013	08:20	8	SE
24/09/2013	08:25	7	SSE
24/09/2013	08:30	9	SSE
24/09/2013	08:35	7	SSE
24/09/2013	08:40	7	SE
24/09/2013	08:45	8	SSE
24/09/2013	08:50	8	SSE
24/09/2013	08:55	7	SSE
24/09/2013	09:00	7	SSE
24/09/2013	09:05	5	SSE
24/09/2013	09:10	5	SE
24/09/2013	09:15	6	SE
24/09/2013	09:20	7	SE
24/09/2013	09:25	8	SE
24/09/2013	09:30	4	SSE
24/09/2013	09:35	7	SSE
24/09/2013	09:40	3	SSE
24/09/2013	09:45	2	SSE
24/09/2013	09:50	6	SSE
24/09/2013	09:55	6	SE
24/09/2013	10:00	8	SSE
24/09/2013	10:05	3	SE
24/09/2013	10:10	8	SSE
24/09/2013	10:15	6	SSE
24/09/2013	10:20	5	SSE
24/09/2013	10:25	9	SSE
24/09/2013	10:30	4	SE
24/09/2013	10:35	6	SSE
24/09/2013	10:40	6	SSE
24/09/2013	10:45	6	SSE
24/09/2013	10:50	6	SSE
24/09/2013	10:55	8	SSE
24/09/2013	11:00	5	SSE
24/09/2013	11:05	5	SSE
24/09/2013	11:10	6	SSW
24/09/2013	11:15	6	SSE
24/09/2013	11:20	7	SSE
24/09/2013	11:25	6	SSE
24/09/2013	11:30	7	SSE
24/09/2013	11:35	9	SSE
24/09/2013	11:40	7	SSE
24/09/2013	11:45	9	SSE
24/09/2013	11:50	8	SSE
24/09/2013	11:55	5	SSE
24/09/2013	12:00	3	SSE
24/09/2013	12:05	5	SSE
24/09/2013	12:10	8	SE
24/09/2013	12:15	10	SE
24/09/2013	12:20	8	SSE
24/09/2013	12:25	4	SSE
24/09/2013	12:30	5	ESE
24/09/2013	12:35	7	SE
24/09/2013	12:40	5	SE
24/09/2013	12:45	6	S
24/09/2013	12:50	4	SSE

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

Date	Time	Wind Speed (mph)	Wind Direction	Date	Time	Wind Speed (mph)	Wind Direction
24/09/2013	12:55	6	ESE	24/09/2013	16:35	8	SSE
24/09/2013	13:00	7	SE	24/09/2013	16:40	8	SSE
24/09/2013	13:05	5	SE	24/09/2013	16:45	12	SSE
24/09/2013	13:10	4	SE	24/09/2013	16:50	10	SSE
24/09/2013	13:15	3	E	24/09/2013	16:55	10	SSE
24/09/2013	13:20	2	NE	24/09/2013	17:00	9	SSE
24/09/2013	13:25	4	SSE	24/09/2013	17:05	7	SSE
24/09/2013	13:30	3	SSE	24/09/2013	17:10	7	SSE
24/09/2013	13:35	4	SE	24/09/2013	17:15	10	SE
24/09/2013	13:40	6	SSE	24/09/2013	17:20	6	SSE
24/09/2013	13:45	6	SE	24/09/2013	17:25	7	S
24/09/2013	13:50	6	SSE	24/09/2013	17:30	8	SSE
24/09/2013	13:55	7	SSE	24/09/2013	17:35	9	SSE
24/09/2013	14:00	9	SSE	24/09/2013	17:40	9	SE
24/09/2013	14:05	6	SSE	24/09/2013	17:45	9	SSE
24/09/2013	14:10	5	SSE	24/09/2013	17:50	6	SSE
24/09/2013	14:15	9	SSE	24/09/2013	17:55	8	SE
24/09/2013	14:20	10	SSE	24/09/2013	18:00	5	SSE
24/09/2013	14:25	8	S	24/09/2013	18:05	6	SE
24/09/2013	14:30	7	SSE	24/09/2013	18:10	6	SSE
24/09/2013	14:35	7	SSE	24/09/2013	18:15	3	SSE
24/09/2013	14:40	8	SSE	24/09/2013	18:20	7	SE
24/09/2013	14:45	8	SSE	24/09/2013	18:25	5	SSE
24/09/2013	14:50	9	SSE	24/09/2013	18:30	5	SSW
24/09/2013	14:55	9	S	24/09/2013	18:35	4	S
24/09/2013	15:00	9	SSE	24/09/2013	18:40	6	S
24/09/2013	15:05	10	S	24/09/2013	18:45	5	SSE
24/09/2013	15:10	9	SSE	24/09/2013	18:50	4	S
24/09/2013	15:15	9	SSE	24/09/2013	18:55	3	SSE
24/09/2013	15:20	9	SE	24/09/2013	19:00	4	SSE
24/09/2013	15:25	10	SSE	24/09/2013	19:05	6	SSE
24/09/2013	15:30	9	S	24/09/2013	19:10	5	S
24/09/2013	15:35	9	SSE	24/09/2013	19:15	6	S
24/09/2013	15:40	9	SSE	24/09/2013	19:20	6	SSW
24/09/2013	15:45	9	SSE	24/09/2013	19:25	5	S
24/09/2013	15:50	8	SSE	24/09/2013	19:30	7	SE
24/09/2013	15:55	7	SSE	24/09/2013	19:35	3	SE
24/09/2013	16:00	6	SE	24/09/2013	19:40	5	S
24/09/2013	16:05	6	SSE	24/09/2013	19:45	5	SSE
24/09/2013	16:10	8	SSE	24/09/2013	19:50	6	SSE
24/09/2013	16:15	8	SSE	24/09/2013	19:55	5	SSE
24/09/2013	16:20	5	SSE	24/09/2013	20:00	5	SSE
24/09/2013	16:25	10	SSE	24/09/2013	20:05	5	SSE
24/09/2013	16:30	7	SE	24/09/2013	20:10	7	SSE

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

Date	Time	Wind Speed (mph)	Wind Direction	Date	Time	Wind Speed (mph)	Wind Direction
24/09/2013	20:15	5	SSE	24/09/2013	23:55	5	S
24/09/2013	20:20	4	SSE	25/09/2013	00:00	5	SSE
24/09/2013	20:25	5	SSE	25/09/2013	00:05	5	SSE
24/09/2013	20:30	5	S	25/09/2013	00:10	5	SSE
24/09/2013	20:35	7	SSE	25/09/2013	00:15	5	SSE
24/09/2013	20:40	7	SSE	25/09/2013	00:20	7	SSE
24/09/2013	20:45	6	SSE	25/09/2013	00:25	7	SSE
24/09/2013	20:50	6	S	25/09/2013	00:30	8	SSE
24/09/2013	20:55	5	SSE	25/09/2013	00:35	7	SSE
24/09/2013	21:00	7	S	25/09/2013	00:40	7	SSE
24/09/2013	21:05	6	SSE	25/09/2013	00:45	7	SSE
24/09/2013	21:10	4	SSW	25/09/2013	00:50	7	SSE
24/09/2013	21:15	4	SSE	25/09/2013	00:55	8	SSE
24/09/2013	21:20	6	S	25/09/2013	01:00	6	SSE
24/09/2013	21:25	6	SSE	25/09/2013	01:05	7	SSE
24/09/2013	21:30	5	SE	25/09/2013	01:10	6	SSE
24/09/2013	21:35	5	SSE	25/09/2013	01:15	8	SSE
24/09/2013	21:40	8	SSE	25/09/2013	01:20	6	SSE
24/09/2013	21:45	3	SSE	25/09/2013	01:25	6	SSE
24/09/2013	21:50	6	SSE	25/09/2013	01:30	7	SSE
24/09/2013	21:55	4	SSE	25/09/2013	01:35	7	SSE
24/09/2013	22:00	6	SSE	25/09/2013	01:40	6	SSE
24/09/2013	22:05	6	SSE	25/09/2013	01:45	7	S
24/09/2013	22:10	5	SSE	25/09/2013	01:50	7	SSE
24/09/2013	22:15	6	SSE	25/09/2013	01:55	4	SSE
24/09/2013	22:20	7	SSE	25/09/2013	02:00	6	SSE
24/09/2013	22:25	8	SSE	25/09/2013	02:05	8	S
24/09/2013	22:30	6	SSE	25/09/2013	02:10	6	SSE
24/09/2013	22:35	6	SSE	25/09/2013	02:15	6	SSE
24/09/2013	22:40	7	SSE	25/09/2013	02:20	8	SSE
24/09/2013	22:45	8	SSE	25/09/2013	02:25	6	SSE
24/09/2013	22:50	5	SSE	25/09/2013	02:30	6	SSE
24/09/2013	22:55	5	SSE	25/09/2013	02:35	6	SSE
24/09/2013	23:00	4	SSE	25/09/2013	02:40	8	SSE
24/09/2013	23:05	6	SSE	25/09/2013	02:45	8	S
24/09/2013	23:10	5	SSE	25/09/2013	02:50	9	S
24/09/2013	23:15	4	SSE	25/09/2013	02:55	8	S
24/09/2013	23:20	4	S	25/09/2013	03:00	8	SSE
24/09/2013	23:25	7	SSE	25/09/2013	03:05	8	SSE
24/09/2013	23:30	7	SSE	25/09/2013	03:10	8	SSE
24/09/2013	23:35	6	SSE	25/09/2013	03:15	7	SSE
24/09/2013	23:40	7	SSE	25/09/2013	03:20	8	SSE
24/09/2013	23:45	8	SSE	25/09/2013	03:25	10	SSE
24/09/2013	23:50	7	SSE	25/09/2013	03:30	6	SSE

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

Date	Time	Wind Speed (mph)	Wind Direction
25/09/2013	03:35	8	SSE
25/09/2013	03:40	7	SSE
25/09/2013	03:45	6	SSE
25/09/2013	03:50	7	SSE
25/09/2013	03:55	6	SSE
25/09/2013	04:00	6	SSE
25/09/2013	04:05	7	SSE
25/09/2013	04:10	7	SSE
25/09/2013	04:15	9	SSE
25/09/2013	04:20	6	SSE
25/09/2013	04:25	9	SSE
25/09/2013	04:30	5	SSE
25/09/2013	04:35	7	SSE
25/09/2013	04:40	7	SSE
25/09/2013	04:45	8	SSE
25/09/2013	04:50	6	SSE
25/09/2013	04:55	6	SSE
25/09/2013	05:00	5	SSE
25/09/2013	05:05	5	SSE
25/09/2013	05:10	5	SE
25/09/2013	05:15	6	SSE
25/09/2013	05:20	8	SSE
25/09/2013	05:25	7	SSE
25/09/2013	05:30	7	SSE
25/09/2013	05:35	8	SSE
25/09/2013	05:40	6	SSE
25/09/2013	05:45	6	SSE
25/09/2013	05:50	8	SSE
25/09/2013	05:55	8	SSE
25/09/2013	06:00	7	SSE
25/09/2013	06:05	7	SSE
25/09/2013	06:10	5	SSE
25/09/2013	06:15	6	SSE
25/09/2013	06:20	7	SSE
25/09/2013	06:25	7	SSE
25/09/2013	06:30	6	SSE
25/09/2013	06:35	7	SSE
25/09/2013	06:40	6	SSE
25/09/2013	06:45	8	SSE
25/09/2013	06:50	6	SSE
25/09/2013	06:55	6	SSE
25/09/2013	07:00	7	SSE
25/09/2013	07:05	9	SSE
25/09/2013	07:10	7	SSE

Date	Time	Wind Speed (mph)	Wind Direction
25/09/2013	07:15	9	SSE
25/09/2013	07:20	7	SSE
25/09/2013	07:25	4	SSE
25/09/2013	07:30	6	SSE
25/09/2013	07:35	4	SSE
25/09/2013	07:40	4	SSE
25/09/2013	07:45	8	SSE
25/09/2013	07:50	6	SE
25/09/2013	07:55	6	SSE
25/09/2013	08:00	4	SSE
25/09/2013	08:05	5	SSE
25/09/2013	08:10	4	SSE
25/09/2013	08:15	4	SSE
25/09/2013	08:20	4	SSE
25/09/2013	08:25	4	SSE
25/09/2013	08:30	4	SSE
25/09/2013	08:35	4	S
25/09/2013	08:40	4	SSE
25/09/2013	08:45	5	SSE
25/09/2013	08:50	5	SSE
25/09/2013	08:55	6	SSE
25/09/2013	09:00	8	SSE
25/09/2013	09:05	6	SSE
25/09/2013	09:10	6	SSE
25/09/2013	09:15	7	S
25/09/2013	09:20	8	SSE
25/09/2013	09:25	8	SSE
25/09/2013	09:30	10	SSE
25/09/2013	09:35	7	SSE
25/09/2013	09:40	9	SSE
25/09/2013	09:45	5	S
25/09/2013	09:50	4	SSE
25/09/2013	09:55	6	SSE
25/09/2013	10:00	8	SSE
25/09/2013	10:05	6	SSE
25/09/2013	10:10	8	SSE
25/09/2013	10:15	5	SSE
25/09/2013	10:20	6	SSE
25/09/2013	10:25	5	S
25/09/2013	10:30	7	SSE
25/09/2013	10:35	8	SSE
25/09/2013	10:40	5	SSE
25/09/2013	10:45	8	SSE
25/09/2013	10:50	7	SSE

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

Date	Time	Wind Speed (mph)	Wind Direction
25/09/2013	10:55	8	S
25/09/2013	11:00	8	SE
25/09/2013	11:05	7	SSE
25/09/2013	11:10	4	SSE
25/09/2013	11:15	7	SSE
25/09/2013	11:20	7	SSE
25/09/2013	11:25	9	SSE
25/09/2013	11:30	8	SSE
25/09/2013	11:35	7	SSE
25/09/2013	11:40	7	SSE
25/09/2013	11:45	7	SSE
25/09/2013	11:50	8	SSE
25/09/2013	11:55	8	SSE
25/09/2013	12:00	6	SSE
25/09/2013	12:05	7	SSE
25/09/2013	12:10	8	SSE
25/09/2013	12:15	7	SE
25/09/2013	12:20	6	SSE
25/09/2013	12:25	6	SSE
25/09/2013	12:30	7	SSE
25/09/2013	12:35	7	SSE
25/09/2013	12:40	5	SSW
25/09/2013	12:45	6	SSE
25/09/2013	12:50	6	SSE
25/09/2013	12:55	6	SSW
25/09/2013	13:00	8	SSE
25/09/2013	13:05	7	SSE
25/09/2013	13:10	7	SSE
25/09/2013	13:15	7	SSE
25/09/2013	13:20	7	SSE
25/09/2013	13:25	6	SSE
25/09/2013	13:30	5	SSE
25/09/2013	13:35	6	SSE
25/09/2013	13:40	5	SSE
25/09/2013	13:45	6	SE
25/09/2013	13:50	5	SSE
25/09/2013	13:55	6	SSE
25/09/2013	14:00	7	SSE
25/09/2013	14:05	7	SSE
25/09/2013	14:10	7	S
25/09/2013	14:15	6	SSE
25/09/2013	14:20	6	SSE
25/09/2013	14:25	5	SSE
25/09/2013	14:30	8	SSE
25/09/2013	14:35	6	SSE
25/09/2013	14:40	5	SSE
25/09/2013	14:45	6	ESE
25/09/2013	14:50	4	SSE
25/09/2013	14:55	6	SSE
25/09/2013	15:00	7	SSE
25/09/2013	15:05	6	SSE
25/09/2013	15:10	6	SSE
25/09/2013	15:15	5	SSE
25/09/2013	15:20	6	SSE
25/09/2013	15:25	7	SSE
25/09/2013	15:30	6	SSE
25/09/2013	15:35	5	SSE
25/09/2013	15:40	4	SSE
25/09/2013	15:45	7	S
25/09/2013	15:50	4	SSE
25/09/2013	15:55	6	SSE
25/09/2013	16:00	4	SE
25/09/2013	16:05	6	SW
25/09/2013	16:10	6	SSE
25/09/2013	16:15	4	SSE
25/09/2013	16:20	4	SSE
25/09/2013	16:25	5	S
25/09/2013	16:30	5	S
25/09/2013	16:35	6	SSE
25/09/2013	16:40	5	SSE
25/09/2013	16:45	2	SSW
25/09/2013	16:50	2	SSE
25/09/2013	16:55	2	SE
25/09/2013	17:00	5	S
25/09/2013	17:05	3	SSE
25/09/2013	17:10	4	SSE
25/09/2013	17:15	5	SSE
25/09/2013	17:20	5	S
25/09/2013	17:25	6	SSE
25/09/2013	17:30	3	ESE
25/09/2013	17:35	4	SSE
25/09/2013	17:40	6	SSE
25/09/2013	17:45	4	SSE
25/09/2013	17:50	3	SSE
25/09/2013	17:55	3	SSE
25/09/2013	18:00	1	S
25/09/2013	18:05	1	SE
25/09/2013	18:10	2	E

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

Date	Time	Wind Speed (mph)	Wind Direction	Date	Time	Wind Speed (mph)	Wind Direction
25/09/2013	18:15	2	ESE	25/09/2013	21:55	4	SE
25/09/2013	18:20	2	E	25/09/2013	22:00	2	SSE
25/09/2013	18:25	2	NNE	25/09/2013	22:05	2	SE
25/09/2013	18:30	4	NNE	25/09/2013	22:10	3	SE
25/09/2013	18:35	5	SSE	25/09/2013	22:15	5	SSE
25/09/2013	18:40	5	SE	25/09/2013	22:20	3	SE
25/09/2013	18:45	6	SSE	25/09/2013	22:25	3	SSE
25/09/2013	18:50	5	SSW	25/09/2013	22:30	4	SE
25/09/2013	18:55	6	S	25/09/2013	22:35	5	SE
25/09/2013	19:00	4	S	25/09/2013	22:40	5	SE
25/09/2013	19:05	5	S	25/09/2013	22:45	6	SSE
25/09/2013	19:10	5	SSE	25/09/2013	22:50	8	SSE
25/09/2013	19:15	5	SE	25/09/2013	22:55	7	SSE
25/09/2013	19:20	6	SSE	25/09/2013	23:00	5	SSE
25/09/2013	19:25	6	SSE	25/09/2013	23:05	5	SSE
25/09/2013	19:30	6	SSE	25/09/2013	23:10	6	SE
25/09/2013	19:35	5	SE	25/09/2013	23:15	6	SSE
25/09/2013	19:40	6	SSE	25/09/2013	23:20	4	SSE
25/09/2013	19:45	4	SSE	25/09/2013	23:25	7	ESE
25/09/2013	19:50	6	SSE	25/09/2013	23:30	6	SE
25/09/2013	19:55	6	SSE	25/09/2013	23:35	4	SE
25/09/2013	20:00	7	SSE	25/09/2013	23:40	4	SE
25/09/2013	20:05	6	SSE	25/09/2013	23:45	4	SSE
25/09/2013	20:10	6	SSE	25/09/2013	23:50	5	SE
25/09/2013	20:15	5	SSE	25/09/2013	23:55	5	SSE
25/09/2013	20:20	6	SSE	26/09/2013	00:00	6	SSW
25/09/2013	20:25	4	SSE	26/09/2013	00:05	7	SSW
25/09/2013	20:30	5	SSE	26/09/2013	00:10	4	SSE
25/09/2013	20:35	6	SSW	26/09/2013	00:15	5	SSE
25/09/2013	20:40	4	S	26/09/2013	00:20	6	SSE
25/09/2013	20:45	3	SSE	26/09/2013	00:25	5	SSE
25/09/2013	20:50	3	SSE	26/09/2013	00:30	5	SSE
25/09/2013	20:55	4	S	26/09/2013	00:35	5	SSE
25/09/2013	21:00	3	ESE	26/09/2013	00:40	5	SSE
25/09/2013	21:05	3	SSE	26/09/2013	00:45	5	SSE
25/09/2013	21:10	4	SSE	26/09/2013	00:50	3	SSE
25/09/2013	21:15	4	SSE	26/09/2013	00:55	2	SSE
25/09/2013	21:20	5	SSE	26/09/2013	01:00	1	SSE
25/09/2013	21:25	5	SSE	26/09/2013	01:05	4	SSE
25/09/2013	21:30	4	SSE	26/09/2013	01:10	4	SE
25/09/2013	21:35	5	SSE	26/09/2013	01:15	5	SSE
25/09/2013	21:40	4	SSE	26/09/2013	01:20	5	SSE
25/09/2013	21:45	4	SSE	26/09/2013	01:25	4	SSE
25/09/2013	21:50	4	SSE	26/09/2013	01:30	4	SSE

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

Date	Time	Wind Speed (mph)	Wind Direction	Date	Time	Wind Speed (mph)	Wind Direction
26/09/2013	01:35	5	SE	26/09/2013	05:15	3	SSE
26/09/2013	01:40	4	SSE	26/09/2013	05:20	4	SE
26/09/2013	01:45	5	SE	26/09/2013	05:25	5	SSE
26/09/2013	01:50	4	SE	26/09/2013	05:30	5	SE
26/09/2013	01:55	4	SE	26/09/2013	05:35	5	SE
26/09/2013	02:00	4	SE	26/09/2013	05:40	4	SE
26/09/2013	02:05	5	SSE	26/09/2013	05:45	5	SSE
26/09/2013	02:10	5	SSE	26/09/2013	05:50	6	SE
26/09/2013	02:15	4	SE	26/09/2013	05:55	6	SE
26/09/2013	02:20	5	SE	26/09/2013	06:00	3	SSE
26/09/2013	02:25	4	SSE	26/09/2013	06:05	5	SSE
26/09/2013	02:30	6	SE	26/09/2013	06:10	4	SSE
26/09/2013	02:35	5	SE	26/09/2013	06:15	2	SSE
26/09/2013	02:40	4	SSE	26/09/2013	06:20	1	SE
26/09/2013	02:45	4	SSE	26/09/2013	06:25	1	SSE
26/09/2013	02:50	4	SSE	26/09/2013	06:30	2	ESE
26/09/2013	02:55	5	SSE	26/09/2013	06:35	2	SE
26/09/2013	03:00	5	SSE	26/09/2013	06:40	2	SE
26/09/2013	03:05	3	S	26/09/2013	06:45	3	SSE
26/09/2013	03:10	6	SSE	26/09/2013	06:50	2	SSE
26/09/2013	03:15	5	SE	26/09/2013	06:55	3	SE
26/09/2013	03:20	4	SSE	26/09/2013	07:00	3	SE
26/09/2013	03:25	4	SE	26/09/2013	07:05	2	SE
26/09/2013	03:30	5	SSE	26/09/2013	07:10	3	SSE
26/09/2013	03:35	4	SE	26/09/2013	07:15	3	SSE
26/09/2013	03:40	4	SSE	26/09/2013	07:20	3	S
26/09/2013	03:45	4	SE	26/09/2013	07:25	4	SE
26/09/2013	03:50	4	SE	26/09/2013	07:30	4	SSE
26/09/2013	03:55	2	SSE	26/09/2013	07:35	4	SSE
26/09/2013	04:00	3	SSE	26/09/2013	07:40	3	SSE
26/09/2013	04:05	4	SSE	26/09/2013	07:45	4	SE
26/09/2013	04:10	4	SSE	26/09/2013	07:50	3	SE
26/09/2013	04:15	5	SSE	26/09/2013	07:55	3	SE
26/09/2013	04:20	5	SSE	26/09/2013	08:00	3	ESE
26/09/2013	04:25	6	SE	26/09/2013	08:05	3	SE
26/09/2013	04:30	6	SE	26/09/2013	08:10	3	ESE
26/09/2013	04:35	6	SE	26/09/2013	08:15	3	SE
26/09/2013	04:40	6	SE	26/09/2013	08:20	3	SE
26/09/2013	04:45	6	SSE	26/09/2013	08:25	2	ESE
26/09/2013	04:50	8	SE	26/09/2013	08:30	3	ESE
26/09/2013	04:55	6	SSE	26/09/2013	08:35	5	E
26/09/2013	05:00	5	SSE	26/09/2013	08:40	4	E
26/09/2013	05:05	6	SSE	26/09/2013	08:45	5	E
26/09/2013	05:10	6	SSE	26/09/2013	08:50	5	E

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

Date	Time	Wind Speed (mph)	Wind Direction	Date	Time	Wind Speed (mph)	Wind Direction
26/09/2013	08:55	3	ESE	26/09/2013	12:35	1	SSE
26/09/2013	09:00	3	SE	26/09/2013	12:40	1	SE
26/09/2013	09:05	2	ESE	26/09/2013	12:45	0	SE
26/09/2013	09:10	4	SE	26/09/2013	12:50	1	E
26/09/2013	09:15	3	ESE	26/09/2013	12:55	0	---
26/09/2013	09:20	3	SE	26/09/2013	13:00	0	NE
26/09/2013	09:25	3	E	26/09/2013	13:05	0	---
26/09/2013	09:30	1	SE	26/09/2013	13:10	0	---
26/09/2013	09:35	3	ESE	26/09/2013	13:15	0	---
26/09/2013	09:40	4	ESE	26/09/2013	13:20	0	---
26/09/2013	09:45	2	E	26/09/2013	13:25	0	NE
26/09/2013	09:50	3	ESE	26/09/2013	13:30	1	N
26/09/2013	09:55	3	ESE	26/09/2013	13:35	0	N
26/09/2013	10:00	3	E	26/09/2013	13:40	1	SSE
26/09/2013	10:05	3	E	26/09/2013	13:45	2	SE
26/09/2013	10:10	4	E	26/09/2013	13:50	1	E
26/09/2013	10:15	2	SSE	26/09/2013	13:55	1	SE
26/09/2013	10:20	2	ESE	26/09/2013	14:00	0	NE
26/09/2013	10:25	2	E	26/09/2013	14:05	0	---
26/09/2013	10:30	1	ESE	26/09/2013	14:10	0	ENE
26/09/2013	10:35	2	SSE	26/09/2013	14:15	1	ENE
26/09/2013	10:40	2	E	26/09/2013	14:20	0	---
26/09/2013	10:45	2	SE	26/09/2013	14:25	2	SSW
26/09/2013	10:50	2	SE	26/09/2013	14:30	2	SE
26/09/2013	10:55	2	ESE	26/09/2013	14:35	1	S
26/09/2013	11:00	2	SSE	26/09/2013	14:40	3	ESE
26/09/2013	11:05	3	SE	26/09/2013	14:45	4	SE
26/09/2013	11:10	4	E	26/09/2013	14:50	3	SE
26/09/2013	11:15	5	E	26/09/2013	14:55	3	SE
26/09/2013	11:20	3	E	26/09/2013	15:00	4	SE
26/09/2013	11:25	3	E	26/09/2013	15:05	3	E
26/09/2013	11:30	3	SE	26/09/2013	15:10	5	E
26/09/2013	11:35	4	ESE	26/09/2013	15:15	5	E
26/09/2013	11:40	2	SSE	26/09/2013	15:20	3	ESE
26/09/2013	11:45	2	ESE	26/09/2013	15:25	3	E
26/09/2013	11:50	2	ESE	26/09/2013	15:30	3	ESE
26/09/2013	11:55	2	ESE	26/09/2013	15:35	4	ESE
26/09/2013	12:00	1	SE	26/09/2013	15:40	4	E
26/09/2013	12:05	1	SE	26/09/2013	15:45	3	SE
26/09/2013	12:10	2	E	26/09/2013	15:50	4	ESE
26/09/2013	12:15	1	ENE	26/09/2013	15:55	4	ESE
26/09/2013	12:20	2	SE	26/09/2013	16:00	3	ESE
26/09/2013	12:25	0	---	26/09/2013	16:05	3	SSE
26/09/2013	12:30	0	---	26/09/2013	16:10	3	SE

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

Date	Time	Wind Speed (mph)	Wind Direction
26/09/2013	16:15	3	SE
26/09/2013	16:20	4	SE
26/09/2013	16:25	4	SE
26/09/2013	16:30	4	SSE
26/09/2013	16:35	3	SE
26/09/2013	16:40	4	SE
26/09/2013	16:45	3	SE
26/09/2013	16:50	3	ESE
26/09/2013	16:55	4	SE
26/09/2013	17:00	3	SE
26/09/2013	17:05	4	SSE
26/09/2013	17:10	4	SE
26/09/2013	17:15	4	SE
26/09/2013	17:20	4	SSE
26/09/2013	17:25	4	SSE
26/09/2013	17:30	3	SSE
26/09/2013	17:35	3	SSE
26/09/2013	17:40	3	SE
26/09/2013	17:45	4	SE
26/09/2013	17:50	3	SE
26/09/2013	17:55	3	ESE
26/09/2013	18:00	4	SE
26/09/2013	18:05	3	ESE
26/09/2013	18:10	4	SE
26/09/2013	18:15	3	ESE
26/09/2013	18:20	2	SE
26/09/2013	18:25	4	SE
26/09/2013	18:30	3	SSE
26/09/2013	18:35	3	SE
26/09/2013	18:40	4	SE
26/09/2013	18:45	3	S
26/09/2013	18:50	3	S
26/09/2013	18:55	2	SSE
26/09/2013	19:00	2	SE
26/09/2013	19:05	2	SSE
26/09/2013	19:10	1	SSE
26/09/2013	19:15	0	SSE
26/09/2013	19:20	1	SE
26/09/2013	19:25	2	SSE
26/09/2013	19:30	2	S
26/09/2013	19:35	1	SSE
26/09/2013	19:40	0	SSE
26/09/2013	19:45	0	---
26/09/2013	19:50	0	ESE

Date	Time	Wind Speed (mph)	Wind Direction
26/09/2013	19:55	0	SE
26/09/2013	20:00	2	SE
26/09/2013	20:05	1	SSE
26/09/2013	20:10	3	SE
26/09/2013	20:15	3	SE
26/09/2013	20:20	2	SE
26/09/2013	20:25	4	SSE
26/09/2013	20:30	4	SSE
26/09/2013	20:35	4	SSE
26/09/2013	20:40	4	SSE
26/09/2013	20:45	4	SSE
26/09/2013	20:50	6	SSE
26/09/2013	20:55	6	SSE
26/09/2013	21:00	5	SE
26/09/2013	21:05	5	SSE
26/09/2013	21:10	5	SSE
26/09/2013	21:15	5	SE
26/09/2013	21:20	4	SSE
26/09/2013	21:25	3	SSE
26/09/2013	21:30	4	SE
26/09/2013	21:35	4	SSE
26/09/2013	21:40	5	SSE
26/09/2013	21:45	4	SSE
26/09/2013	21:50	4	SSE
26/09/2013	21:55	3	SSE
26/09/2013	22:00	5	SSE
26/09/2013	22:05	4	SE
26/09/2013	22:10	4	SSE
26/09/2013	22:15	5	SE
26/09/2013	22:20	5	SE
26/09/2013	22:25	6	SSE
26/09/2013	22:30	5	SE
26/09/2013	22:35	5	SSE
26/09/2013	22:40	6	SSE
26/09/2013	22:45	6	SE
26/09/2013	22:50	6	SSE
26/09/2013	22:55	5	SSE
26/09/2013	23:00	6	SSE
26/09/2013	23:05	4	SE
26/09/2013	23:10	4	SSE
26/09/2013	23:15	1	SSE
26/09/2013	23:20	1	SSW
26/09/2013	23:25	0	S
26/09/2013	23:30	1	SW

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

Date	Time	Wind Speed (mph)	Wind Direction
26/09/2013	23:35	0	S
26/09/2013	23:40	0	S
26/09/2013	23:45	1	SSW
26/09/2013	23:50	0	SSW
26/09/2013	23:55	0	SSE
27/09/2013	00:00	3	SSE
27/09/2013	00:05	3	SSW
27/09/2013	00:10	3	SE
27/09/2013	00:15	3	ESE
27/09/2013	00:20	4	ESE
27/09/2013	00:25	4	SE
27/09/2013	00:30	4	SE
27/09/2013	00:35	4	SSE
27/09/2013	00:40	4	SSE
27/09/2013	00:45	4	SSE
27/09/2013	00:50	2	SE
27/09/2013	00:55	2	SSE
27/09/2013	01:00	3	SSE
27/09/2013	01:05	2	SSE
27/09/2013	01:10	3	SE
27/09/2013	01:15	2	SSE
27/09/2013	01:20	2	SSE
27/09/2013	01:25	3	SE
27/09/2013	01:30	5	SE
27/09/2013	01:35	4	SE
27/09/2013	01:40	4	SSE
27/09/2013	01:45	3	SSE
27/09/2013	01:50	4	SE
27/09/2013	01:55	3	SE
27/09/2013	02:00	1	SSW
27/09/2013	02:05	3	SSE
27/09/2013	02:10	3	SE
27/09/2013	02:15	3	SSE
27/09/2013	02:20	2	SE
27/09/2013	02:25	2	SE
27/09/2013	02:30	2	S
27/09/2013	02:35	3	SSE
27/09/2013	02:40	3	SSE
27/09/2013	02:45	3	S
27/09/2013	02:50	3	SSE
27/09/2013	02:55	4	SSE
27/09/2013	03:00	3	SSE
27/09/2013	03:05	3	SSE
27/09/2013	03:10	2	SSE

Date	Time	Wind Speed (mph)	Wind Direction
27/09/2013	03:15	2	SSE
27/09/2013	03:20	2	SE
27/09/2013	03:25	2	SSE
27/09/2013	03:30	3	SSE
27/09/2013	03:35	5	SSE
27/09/2013	03:40	5	SSE
27/09/2013	03:45	5	SSE
27/09/2013	03:50	5	SSE
27/09/2013	03:55	4	SE
27/09/2013	04:00	4	SSE
27/09/2013	04:05	4	SSE
27/09/2013	04:10	4	SSE
27/09/2013	04:15	3	S
27/09/2013	04:20	3	SSE
27/09/2013	04:25	4	SSE
27/09/2013	04:30	2	SSE
27/09/2013	04:35	2	SSE
27/09/2013	04:40	2	SE
27/09/2013	04:45	0	SE
27/09/2013	04:50	2	SSE
27/09/2013	04:55	2	SSE
27/09/2013	05:00	3	S
27/09/2013	05:05	3	S
27/09/2013	05:10	2	SSE
27/09/2013	05:15	2	S
27/09/2013	05:20	2	SSE
27/09/2013	05:25	1	S
27/09/2013	05:30	2	SSE
27/09/2013	05:35	2	SSE
27/09/2013	05:40	4	SSE
27/09/2013	05:45	4	SSE
27/09/2013	05:50	4	SSE
27/09/2013	05:55	4	SSE
27/09/2013	06:00	4	SSE
27/09/2013	06:05	4	SSE
27/09/2013	06:10	4	SSE
27/09/2013	06:15	5	SSE
27/09/2013	06:20	3	S
27/09/2013	06:25	3	SSE
27/09/2013	06:30	4	SSE
27/09/2013	06:35	4	SSE
27/09/2013	06:40	4	S
27/09/2013	06:45	3	SSE
27/09/2013	06:50	5	SSE

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

Date	Time	Wind Speed (mph)	Wind Direction
27/09/2013	06:55	6	SSE
27/09/2013	07:00	7	SSE
27/09/2013	07:05	6	SSE
27/09/2013	07:10	6	SSE
27/09/2013	07:15	6	SSE
27/09/2013	07:20	5	SSE
27/09/2013	07:25	4	SSE
27/09/2013	07:30	4	SSE
27/09/2013	07:35	4	SSE
27/09/2013	07:40	3	SSE
27/09/2013	07:45	2	S
27/09/2013	07:50	2	S
27/09/2013	07:55	2	SE
27/09/2013	08:00	2	SE
27/09/2013	08:05	1	SSE
27/09/2013	08:10	2	SE
27/09/2013	08:15	0	SE
27/09/2013	08:20	0	SE
27/09/2013	08:25	0	---
27/09/2013	08:30	0	---
27/09/2013	08:35	0	---
27/09/2013	08:40	0	---
27/09/2013	08:45	0	---
27/09/2013	08:50	0	---
27/09/2013	08:55	0	---
27/09/2013	09:00	0	---
27/09/2013	09:05	0	ESE
27/09/2013	09:10	0	ESE
27/09/2013	09:15	0	---
27/09/2013	09:20	1	E
27/09/2013	09:25	2	SSE
27/09/2013	09:30	1	ESE
27/09/2013	09:35	3	ESE
27/09/2013	09:40	2	ESE
27/09/2013	09:45	2	ENE
27/09/2013	09:50	2	ENE
27/09/2013	09:55	0	SSE
27/09/2013	10:00	0	---
27/09/2013	10:05	0	---
27/09/2013	10:10	0	---
27/09/2013	10:15	0	---
27/09/2013	10:20	0	---
27/09/2013	10:25	0	---
27/09/2013	10:30	0	---

Date	Time	Wind Speed (mph)	Wind Direction
27/09/2013	10:35	1	E
27/09/2013	10:40	1	E
27/09/2013	10:45	2	ENE
27/09/2013	10:50	2	ENE
27/09/2013	10:55	3	E
27/09/2013	11:00	3	ENE
27/09/2013	11:05	3	ENE
27/09/2013	11:10	2	E
27/09/2013	11:15	2	E
27/09/2013	11:20	2	E
27/09/2013	11:25	2	E
27/09/2013	11:30	2	E
27/09/2013	11:35	2	E
27/09/2013	11:40	2	E
27/09/2013	11:45	1	E
27/09/2013	11:50	1	ENE
27/09/2013	11:55	0	N
27/09/2013	12:00	0	---
27/09/2013	12:05	0	---
27/09/2013	12:10	0	NE
27/09/2013	12:15	1	NE
27/09/2013	12:20	2	ENE
27/09/2013	12:25	2	ENE
27/09/2013	12:30	3	E
27/09/2013	12:35	2	E
27/09/2013	12:40	2	ENE
27/09/2013	12:45	1	NNW
27/09/2013	12:50	4	NNW
27/09/2013	12:55	6	NNE
27/09/2013	13:00	4	NNE
27/09/2013	13:05	3	N
27/09/2013	13:10	2	N
27/09/2013	13:15	3	N
27/09/2013	13:20	3	N
27/09/2013	13:25	2	NNW
27/09/2013	13:30	3	NNW
27/09/2013	13:35	3	ENE
27/09/2013	13:40	2	NE
27/09/2013	13:45	2	NE
27/09/2013	13:50	1	NNE
27/09/2013	13:55	2	NNE
27/09/2013	14:00	1	NE
27/09/2013	14:05	1	ENE
27/09/2013	14:10	2	NE

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

Date	Time	Wind Speed (mph)	Wind Direction
27/09/2013	14:15	4	ENE
27/09/2013	14:20	4	NNW
27/09/2013	14:25	2	N
27/09/2013	14:30	2	N
27/09/2013	14:35	4	NNW
27/09/2013	14:40	3	NNW
27/09/2013	14:45	2	NNW
27/09/2013	14:50	4	NNW
27/09/2013	14:55	4	NNW
27/09/2013	15:00	4	NNW
27/09/2013	15:05	3	NNW
27/09/2013	15:10	0	WNW
27/09/2013	15:15	0	---
27/09/2013	15:20	0	---
27/09/2013	15:25	0	---
27/09/2013	15:30	0	---
27/09/2013	15:35	0	---
27/09/2013	15:40	0	---
27/09/2013	15:45	1	ESE
27/09/2013	15:50	2	ESE
27/09/2013	15:55	2	E
27/09/2013	16:00	2	S
27/09/2013	16:05	2	NE
27/09/2013	16:10	2	NNE
27/09/2013	16:15	2	NNE
27/09/2013	16:20	1	NNE
27/09/2013	16:25	1	NNE
27/09/2013	16:30	1	NE
27/09/2013	16:35	1	ENE
27/09/2013	16:40	1	ENE
27/09/2013	16:45	1	ENE
27/09/2013	16:50	2	ENE
27/09/2013	16:55	1	S
27/09/2013	17:00	3	SE
27/09/2013	17:05	3	SSE
27/09/2013	17:10	1	ESE
27/09/2013	17:15	1	SSE
27/09/2013	17:20	3	SSE
27/09/2013	17:25	2	SE
27/09/2013	17:30	1	SE
27/09/2013	17:35	0	ENE
27/09/2013	17:40	1	NE
27/09/2013	17:45	0	---
27/09/2013	17:50	0	---

Date	Time	Wind Speed (mph)	Wind Direction
27/09/2013	17:55	0	---
27/09/2013	18:00	0	---
27/09/2013	18:05	0	---
27/09/2013	18:10	0	ESE
27/09/2013	18:15	3	ESE
27/09/2013	18:20	2	ESE
27/09/2013	18:25	2	ESE
27/09/2013	18:30	4	SE
27/09/2013	18:35	5	ESE
27/09/2013	18:40	3	SE
27/09/2013	18:45	5	SE
27/09/2013	18:50	3	SSE
27/09/2013	18:55	2	SE
27/09/2013	19:00	4	SSE
27/09/2013	19:05	2	SE
27/09/2013	19:10	2	ESE
27/09/2013	19:15	2	SE
27/09/2013	19:20	2	SE
27/09/2013	19:25	2	SSE
27/09/2013	19:30	1	SSE
27/09/2013	19:35	2	SE
27/09/2013	19:40	1	SE
27/09/2013	19:45	0	ESE
27/09/2013	19:50	1	SSE
27/09/2013	19:55	4	SE
27/09/2013	20:00	2	SE
27/09/2013	20:05	4	E
27/09/2013	20:10	4	ESE
27/09/2013	20:15	4	SE
27/09/2013	20:20	2	SSE
27/09/2013	20:25	3	SSE
27/09/2013	20:30	4	SSE
27/09/2013	20:35	3	SE
27/09/2013	20:40	4	SE
27/09/2013	20:45	3	SE
27/09/2013	20:50	2	SE
27/09/2013	20:55	3	SE
27/09/2013	21:00	3	SE
27/09/2013	21:05	0	SE
27/09/2013	21:10	3	SSE
27/09/2013	21:15	3	SSE
27/09/2013	21:20	5	SSE
27/09/2013	21:25	3	SE
27/09/2013	21:30	3	ESE

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

Date	Time	Wind Speed (mph)	Wind Direction
27/09/2013	21:35	3	ESE
27/09/2013	21:40	3	ESE
27/09/2013	21:45	4	SE
27/09/2013	21:50	3	SE
27/09/2013	21:55	3	SSE
27/09/2013	22:00	5	SSE
27/09/2013	22:05	4	SSE
27/09/2013	22:10	3	SE
27/09/2013	22:15	4	SE
27/09/2013	22:20	2	SSE
27/09/2013	22:25	2	SE
27/09/2013	22:30	2	SE
27/09/2013	22:35	3	SSE
27/09/2013	22:40	1	SSE
27/09/2013	22:45	1	SSE
27/09/2013	22:50	1	SE
27/09/2013	22:55	2	SSE
27/09/2013	23:00	3	SE
27/09/2013	23:05	2	SSE
27/09/2013	23:10	2	SSE
27/09/2013	23:15	3	SSE
27/09/2013	23:20	3	SSE
27/09/2013	23:25	1	SSE
27/09/2013	23:30	2	SE
27/09/2013	23:35	1	SSE
27/09/2013	23:40	3	SE
27/09/2013	23:45	3	SSE
27/09/2013	23:50	3	SE
27/09/2013	23:55	2	SSE
28/09/2013	00:00	3	SSE
28/09/2013	00:05	4	SE
28/09/2013	00:10	2	SSE
28/09/2013	00:15	2	SSE
28/09/2013	00:20	3	SSE
28/09/2013	00:25	4	SSE
28/09/2013	00:30	3	SSE
28/09/2013	00:35	3	SSE
28/09/2013	00:40	3	SSE
28/09/2013	00:45	2	SSE
28/09/2013	00:50	3	SSE
28/09/2013	00:55	5	SSE
28/09/2013	01:00	2	SSE
28/09/2013	01:05	2	SSE
28/09/2013	01:10	4	SSE

Date	Time	Wind Speed (mph)	Wind Direction
28/09/2013	01:15	4	SE
28/09/2013	01:20	2	SE
28/09/2013	01:25	3	SE
28/09/2013	01:30	3	SSE
28/09/2013	01:35	3	SSE
28/09/2013	01:40	2	SSE
28/09/2013	01:45	1	SSE
28/09/2013	01:50	0	SSE
28/09/2013	01:55	1	SE
28/09/2013	02:00	2	SE
28/09/2013	02:05	2	SE
28/09/2013	02:10	2	SSE
28/09/2013	02:15	3	SSE
28/09/2013	02:20	3	SSE
28/09/2013	02:25	2	SSE
28/09/2013	02:30	2	SE
28/09/2013	02:35	1	SSE
28/09/2013	02:40	0	SSE
28/09/2013	02:45	0	SSE
28/09/2013	02:50	1	SE
28/09/2013	02:55	1	SSE
28/09/2013	03:00	0	---
28/09/2013	03:05	1	SE
28/09/2013	03:10	1	ESE
28/09/2013	03:15	1	S
28/09/2013	03:20	0	---
28/09/2013	03:25	0	---
28/09/2013	03:30	0	E
28/09/2013	03:35	1	SSE
28/09/2013	03:40	0	S
28/09/2013	03:45	2	S
28/09/2013	03:50	2	S
28/09/2013	03:55	2	SE
28/09/2013	04:00	2	SE
28/09/2013	04:05	1	NE
28/09/2013	04:10	2	SE
28/09/2013	04:15	3	SE
28/09/2013	04:20	4	SE
28/09/2013	04:25	3	SE
28/09/2013	04:30	3	SSE
28/09/2013	04:35	3	SSE
28/09/2013	04:40	3	S
28/09/2013	04:45	2	SSE
28/09/2013	04:50	2	SSE

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

Date	Time	Wind Speed (mph)	Wind Direction	Date	Time	Wind Speed (mph)	Wind Direction
28/09/2013	04:55	3	SSE	28/09/2013	08:35	3	ESE
28/09/2013	05:00	2	SE	28/09/2013	08:40	4	E
28/09/2013	05:05	3	SSE	28/09/2013	08:45	3	E
28/09/2013	05:10	4	S	28/09/2013	08:50	3	E
28/09/2013	05:15	4	S	28/09/2013	08:55	5	E
28/09/2013	05:20	2	SSE	28/09/2013	09:00	6	ENE
28/09/2013	05:25	3	SSE	28/09/2013	09:05	4	ENE
28/09/2013	05:30	3	SE	28/09/2013	09:10	3	ENE
28/09/2013	05:35	4	SE	28/09/2013	09:15	4	ENE
28/09/2013	05:40	4	SE	28/09/2013	09:20	2	E
28/09/2013	05:45	4	SSE	28/09/2013	09:25	2	E
28/09/2013	05:50	3	SE	28/09/2013	09:30	3	E
28/09/2013	05:55	4	SE	28/09/2013	09:35	3	E
28/09/2013	06:00	3	SSE	28/09/2013	09:40	1	E
28/09/2013	06:05	3	SSE	28/09/2013	09:45	3	E
28/09/2013	06:10	3	SSE	28/09/2013	09:50	4	E
28/09/2013	06:15	2	S	28/09/2013	09:55	5	E
28/09/2013	06:20	0	SSE	28/09/2013	10:00	5	E
28/09/2013	06:25	1	SSE	28/09/2013	10:05	3	E
28/09/2013	06:30	1	SE	28/09/2013	10:10	6	ENE
28/09/2013	06:35	1	SSE	28/09/2013	10:15	7	ENE
28/09/2013	06:40	2	SE	28/09/2013	10:20	6	ENE
28/09/2013	06:45	3	ESE	28/09/2013	10:25	6	E
28/09/2013	06:50	3	ESE	28/09/2013	10:30	5	ENE
28/09/2013	06:55	2	SSE	28/09/2013	10:35	3	ENE
28/09/2013	07:00	3	SSE	28/09/2013	10:40	4	ENE
28/09/2013	07:05	3	SSE	28/09/2013	10:45	4	E
28/09/2013	07:10	3	SSE	28/09/2013	10:50	3	ENE
28/09/2013	07:15	2	SSE	28/09/2013	10:55	5	ENE
28/09/2013	07:20	2	SE	28/09/2013	11:00	5	E
28/09/2013	07:25	2	SE	28/09/2013	11:05	4	E
28/09/2013	07:30	3	SE	28/09/2013	11:10	4	E
28/09/2013	07:35	3	SE	28/09/2013	11:15	3	E
28/09/2013	07:40	2	ESE	28/09/2013	11:20	5	E
28/09/2013	07:45	3	ESE	28/09/2013	11:25	5	ESE
28/09/2013	07:50	3	SSE	28/09/2013	11:30	5	E
28/09/2013	07:55	3	ESE	28/09/2013	11:35	4	ESE
28/09/2013	08:00	3	ESE	28/09/2013	11:40	2	SE
28/09/2013	08:05	3	ESE	28/09/2013	11:45	3	ESE
28/09/2013	08:10	3	ESE	28/09/2013	11:50	3	ESE
28/09/2013	08:15	3	ESE	28/09/2013	11:55	5	E
28/09/2013	08:20	3	E	28/09/2013	12:00	4	ESE
28/09/2013	08:25	5	E	28/09/2013	12:05	5	SE
28/09/2013	08:30	4	E	28/09/2013	12:10	3	SE

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

Date	Time	Wind Speed (mph)	Wind Direction
28/09/2013	12:15	4	SE
28/09/2013	12:20	5	SE
28/09/2013	12:25	4	SE
28/09/2013	12:30	5	SE
28/09/2013	12:35	4	SSE
28/09/2013	12:40	4	SE
28/09/2013	12:45	5	SSE
28/09/2013	12:50	5	SE
28/09/2013	12:55	5	SSE
28/09/2013	13:00	5	SSE
28/09/2013	13:05	5	SSE
28/09/2013	13:10	4	SE
28/09/2013	13:15	4	SE
28/09/2013	13:20	5	SE
28/09/2013	13:25	4	SE
28/09/2013	13:30	3	SSE
28/09/2013	13:35	3	ESE
28/09/2013	13:40	3	SSE
28/09/2013	13:45	4	SSE
28/09/2013	13:50	3	SE
28/09/2013	13:55	3	SSE
28/09/2013	14:00	4	SSE
28/09/2013	14:05	4	SE
28/09/2013	14:10	5	SE
28/09/2013	14:15	4	SSE
28/09/2013	14:20	3	SE
28/09/2013	14:25	3	SE
28/09/2013	14:30	2	ENE
28/09/2013	14:35	2	SE
28/09/2013	14:40	3	SE
28/09/2013	14:45	2	ESE
28/09/2013	14:50	2	SE
28/09/2013	14:55	3	SE
28/09/2013	15:00	3	SE
28/09/2013	15:05	4	ESE
28/09/2013	15:10	4	SE
28/09/2013	15:15	4	SE
28/09/2013	15:20	3	SE
28/09/2013	15:25	3	SSE
28/09/2013	15:30	3	SSE
28/09/2013	15:35	4	SE
28/09/2013	15:40	3	SE
28/09/2013	15:45	4	ESE
28/09/2013	15:50	4	SE

Date	Time	Wind Speed (mph)	Wind Direction
28/09/2013	15:55	4	SE
28/09/2013	16:00	3	ESE
28/09/2013	16:05	3	ESE
28/09/2013	16:10	4	SE
28/09/2013	16:15	2	SE
28/09/2013	16:20	2	SE
28/09/2013	16:25	3	SE
28/09/2013	16:30	3	S
28/09/2013	16:35	2	SSE
28/09/2013	16:40	2	SSE
28/09/2013	16:45	2	SE
28/09/2013	16:50	2	SE
28/09/2013	16:55	2	ESE
28/09/2013	17:00	1	SSE
28/09/2013	17:05	2	ESE
28/09/2013	17:10	2	ESE
28/09/2013	17:15	2	SE
28/09/2013	17:20	0	SSE
28/09/2013	17:25	0	---
28/09/2013	17:30	1	SE
28/09/2013	17:35	2	ESE
28/09/2013	17:40	2	SE
28/09/2013	17:45	2	SSE
28/09/2013	17:50	2	SSE
28/09/2013	17:55	1	SE
28/09/2013	18:00	2	SE
28/09/2013	18:05	1	SSE
28/09/2013	18:10	0	SSE
28/09/2013	18:15	1	SSE
28/09/2013	18:20	1	S
28/09/2013	18:25	1	SSE
28/09/2013	18:30	0	S
28/09/2013	18:35	2	S
28/09/2013	18:40	2	SSE
28/09/2013	18:45	2	S
28/09/2013	18:50	1	S
28/09/2013	18:55	1	SSE
28/09/2013	19:00	1	ESE
28/09/2013	19:05	2	SE
28/09/2013	19:10	2	SSE
28/09/2013	19:15	1	SE
28/09/2013	19:20	2	SSE
28/09/2013	19:25	4	SSE
28/09/2013	19:30	4	SE

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

Date	Time	Wind Speed (mph)	Wind Direction
28/09/2013	19:35	2	SSE
28/09/2013	19:40	2	SSE
28/09/2013	19:45	3	SSE
28/09/2013	19:50	2	S
28/09/2013	19:55	3	SSE
28/09/2013	20:00	3	SSE
28/09/2013	20:05	2	SE
28/09/2013	20:10	1	SE
28/09/2013	20:15	2	SE
28/09/2013	20:20	2	SE
28/09/2013	20:25	2	ESE
28/09/2013	20:30	2	SE
28/09/2013	20:35	3	SE
28/09/2013	20:40	2	SSE
28/09/2013	20:45	1	SE
28/09/2013	20:50	2	SE
28/09/2013	20:55	1	SSE
28/09/2013	21:00	2	SE
28/09/2013	21:05	0	---
28/09/2013	21:10	0	SSE
28/09/2013	21:15	1	SSE
28/09/2013	21:20	3	SSE
28/09/2013	21:25	3	SSE
28/09/2013	21:30	2	SSE
28/09/2013	21:35	2	SE
28/09/2013	21:40	3	SSE
28/09/2013	21:45	3	SE
28/09/2013	21:50	3	SE
28/09/2013	21:55	4	SE
28/09/2013	22:00	4	SSE
28/09/2013	22:05	4	SE
28/09/2013	22:10	2	ESE
28/09/2013	22:15	4	SSE
28/09/2013	22:20	5	SSE
28/09/2013	22:25	5	SE
28/09/2013	22:30	4	SE
28/09/2013	22:35	3	SSE
28/09/2013	22:40	2	SE
28/09/2013	22:45	1	SSE
28/09/2013	22:50	1	SSE
28/09/2013	22:55	0	W
28/09/2013	23:00	0	S
28/09/2013	23:05	1	SW
28/09/2013	23:10	1	S

Date	Time	Wind Speed (mph)	Wind Direction
28/09/2013	23:15	1	SSE
28/09/2013	23:20	1	S
28/09/2013	23:25	2	S
28/09/2013	23:30	1	SE
28/09/2013	23:35	1	S
28/09/2013	23:40	3	S
28/09/2013	23:45	2	S
28/09/2013	23:50	2	S
28/09/2013	23:55	2	S
29/09/2013	00:00	1	S
29/09/2013	00:05	3	S
29/09/2013	00:10	5	SE
29/09/2013	00:15	4	SSE
29/09/2013	00:20	4	SE
29/09/2013	00:25	5	SSE
29/09/2013	00:30	3	SSE
29/09/2013	00:35	3	S
29/09/2013	00:40	2	S
29/09/2013	00:45	2	S
29/09/2013	00:50	1	S
29/09/2013	00:55	0	---
29/09/2013	01:00	0	---
29/09/2013	01:05	0	SSW
29/09/2013	01:10	0	---
29/09/2013	01:15	1	SSE
29/09/2013	01:20	2	S
29/09/2013	01:25	2	S
29/09/2013	01:30	1	S
29/09/2013	01:35	1	S
29/09/2013	01:40	0	SW
29/09/2013	01:45	0	SSW
29/09/2013	01:50	0	SSW
29/09/2013	01:55	0	---
29/09/2013	02:00	1	SSE
29/09/2013	02:05	2	S
29/09/2013	02:10	2	S
29/09/2013	02:15	2	SSE
29/09/2013	02:20	1	SSE
29/09/2013	02:25	2	SSE
29/09/2013	02:30	2	SSE
29/09/2013	02:35	2	S
29/09/2013	02:40	2	SSE
29/09/2013	02:45	2	SSE
29/09/2013	02:50	1	SSE

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

Date	Time	Wind Speed (mph)	Wind Direction
29/09/2013	02:55	2	S
29/09/2013	03:00	3	S
29/09/2013	03:05	1	SSW
29/09/2013	03:10	1	SSW
29/09/2013	03:15	3	S
29/09/2013	03:20	2	SSE
29/09/2013	03:25	1	S
29/09/2013	03:30	0	---
29/09/2013	03:35	0	WSW
29/09/2013	03:40	0	WSW
29/09/2013	03:45	1	SSW
29/09/2013	03:50	0	---
29/09/2013	03:55	0	---
29/09/2013	04:00	0	---
29/09/2013	04:05	0	S
29/09/2013	04:10	1	S
29/09/2013	04:15	2	S
29/09/2013	04:20	2	S
29/09/2013	04:25	1	SSE
29/09/2013	04:30	2	S
29/09/2013	04:35	2	S
29/09/2013	04:40	3	S
29/09/2013	04:45	3	SSE
29/09/2013	04:50	3	SSE
29/09/2013	04:55	5	SSE
29/09/2013	05:00	5	SSE
29/09/2013	05:05	3	S
29/09/2013	05:10	4	SSE
29/09/2013	05:15	3	SSE
29/09/2013	05:20	3	SSE
29/09/2013	05:25	3	SSE
29/09/2013	05:30	4	S
29/09/2013	05:35	2	S
29/09/2013	05:40	3	SSE
29/09/2013	05:45	2	S
29/09/2013	05:50	0	WSW
29/09/2013	05:55	2	S
29/09/2013	06:00	4	SSE
29/09/2013	06:05	4	SSE
29/09/2013	06:10	5	SSE
29/09/2013	06:15	5	SSE
29/09/2013	06:20	3	SSE
29/09/2013	06:25	4	SSE
29/09/2013	06:30	4	SSE

Date	Time	Wind Speed (mph)	Wind Direction
29/09/2013	06:35	4	SSE
29/09/2013	06:40	4	SSE
29/09/2013	06:45	3	SSE
29/09/2013	06:50	3	S
29/09/2013	06:55	3	SSE
29/09/2013	07:00	4	SSE
29/09/2013	07:05	3	SE
29/09/2013	07:10	3	SSE
29/09/2013	07:15	3	S
29/09/2013	07:20	4	S
29/09/2013	07:25	4	SSE
29/09/2013	07:30	3	SSE
29/09/2013	07:35	3	ESE
29/09/2013	07:40	4	SE
29/09/2013	07:45	3	SSE
29/09/2013	07:50	3	SE
29/09/2013	07:55	6	SSE
29/09/2013	08:00	6	SSE
29/09/2013	08:05	4	SE
29/09/2013	08:10	6	SSE
29/09/2013	08:15	6	SSE
29/09/2013	08:20	5	SE
29/09/2013	08:25	5	SSE
29/09/2013	08:30	4	SE
29/09/2013	08:35	2	ESE
29/09/2013	08:40	2	SE
29/09/2013	08:45	2	E
29/09/2013	08:50	2	SE
29/09/2013	08:55	3	E
29/09/2013	09:00	4	ESE
29/09/2013	09:05	2	ESE
29/09/2013	09:10	3	ESE
29/09/2013	09:15	4	SE
29/09/2013	09:20	3	SE
29/09/2013	09:25	2	E
29/09/2013	09:30	5	SE
29/09/2013	09:35	5	SE
29/09/2013	09:40	5	SE
29/09/2013	09:45	4	SSE
29/09/2013	09:50	4	SE
29/09/2013	09:55	4	SE
29/09/2013	10:00	5	SE
29/09/2013	10:05	5	SSE
29/09/2013	10:10	5	SE

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

Date	Time	Wind Speed (mph)	Wind Direction
29/09/2013	10:15	5	SE
29/09/2013	10:20	5	SE
29/09/2013	10:25	5	ESE
29/09/2013	10:30	3	ESE
29/09/2013	10:35	4	ESE
29/09/2013	10:40	3	SE
29/09/2013	10:45	4	SSE
29/09/2013	10:50	5	E
29/09/2013	10:55	4	ESE
29/09/2013	11:00	3	E
29/09/2013	11:05	5	ESE
29/09/2013	11:10	4	ESE
29/09/2013	11:15	4	ESE
29/09/2013	11:20	5	ESE
29/09/2013	11:25	4	E
29/09/2013	11:30	5	E
29/09/2013	11:35	4	ESE
29/09/2013	11:40	4	E
29/09/2013	11:45	3	SE
29/09/2013	11:50	3	SSE
29/09/2013	11:55	5	SSE
29/09/2013	12:00	5	SSE
29/09/2013	12:05	5	SE
29/09/2013	12:10	6	SE
29/09/2013	12:15	4	SE
29/09/2013	12:20	4	SE
29/09/2013	12:25	4	SE
29/09/2013	12:30	5	SSE
29/09/2013	12:35	4	SE
29/09/2013	12:40	5	SE
29/09/2013	12:45	4	SE
29/09/2013	12:50	5	ESE
29/09/2013	12:55	6	ESE
29/09/2013	13:00	5	E
29/09/2013	13:05	5	E
29/09/2013	13:10	4	ESE
29/09/2013	13:15	4	SE
29/09/2013	13:20	5	ESE
29/09/2013	13:25	3	SSE
29/09/2013	13:30	4	SE
29/09/2013	13:35	5	SE
29/09/2013	13:40	5	SSE
29/09/2013	13:45	5	SE
29/09/2013	13:50	5	SE
29/09/2013	13:55	5	SE
29/09/2013	14:00	5	SSE
29/09/2013	14:05	6	SE
29/09/2013	14:10	5	SE
29/09/2013	14:15	6	SSE
29/09/2013	14:20	4	SSE
29/09/2013	14:25	4	SSE
29/09/2013	14:30	4	SE
29/09/2013	14:35	4	ESE
29/09/2013	14:40	4	ESE
29/09/2013	14:45	4	E
29/09/2013	14:50	4	E
29/09/2013	14:55	4	ESE
29/09/2013	15:00	3	ESE
29/09/2013	15:05	2	ESE
29/09/2013	15:10	4	ESE
29/09/2013	15:15	3	E
29/09/2013	15:20	5	E
29/09/2013	15:25	4	ESE
29/09/2013	15:30	4	E
29/09/2013	15:35	4	E
29/09/2013	15:40	3	SE
29/09/2013	15:45	4	ESE
29/09/2013	15:50	3	SE
29/09/2013	15:55	3	ESE
29/09/2013	16:00	2	SSE
29/09/2013	16:05	4	ESE
29/09/2013	16:10	2	SE
29/09/2013	16:15	3	SE
29/09/2013	16:20	3	SE
29/09/2013	16:25	4	SE
29/09/2013	16:30	5	SSE
29/09/2013	16:35	4	SSE
29/09/2013	16:40	4	SE
29/09/2013	16:45	4	SSE
29/09/2013	16:50	4	SE
29/09/2013	16:55	5	SSE
29/09/2013	17:00	5	SSE
29/09/2013	17:05	3	SSE
29/09/2013	17:10	4	SSE
29/09/2013	17:15	4	SE
29/09/2013	17:20	4	SE
29/09/2013	17:25	4	SSE
29/09/2013	17:30	6	SE

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

Date	Time	Wind Speed (mph)	Wind Direction	Date	Time	Wind Speed (mph)	Wind Direction
29/09/2013	17:35	5	SSE	29/09/2013	21:15	0	---
29/09/2013	17:40	5	SSE	29/09/2013	21:20	0	---
29/09/2013	17:45	5	SE	29/09/2013	21:25	0	---
29/09/2013	17:50	5	SE	29/09/2013	21:30	0	---
29/09/2013	17:55	4	SSE	29/09/2013	21:35	0	---
29/09/2013	18:00	3	SSE	29/09/2013	21:40	0	---
29/09/2013	18:05	5	SE	29/09/2013	21:45	0	---
29/09/2013	18:10	4	SE	29/09/2013	21:50	0	---
29/09/2013	18:15	4	SE	29/09/2013	21:55	0	---
29/09/2013	18:20	5	SSE	29/09/2013	22:00	0	---
29/09/2013	18:25	4	SSE	29/09/2013	22:05	0	---
29/09/2013	18:30	4	SE	29/09/2013	22:10	0	---
29/09/2013	18:35	4	SSE	29/09/2013	22:15	0	---
29/09/2013	18:40	5	SSE	29/09/2013	22:20	0	---
29/09/2013	18:45	3	SSE	29/09/2013	22:25	0	---
29/09/2013	18:50	3	SE	29/09/2013	22:30	0	---
29/09/2013	18:55	4	SE	29/09/2013	22:35	0	---
29/09/2013	19:00	4	SSE	29/09/2013	22:40	0	---
29/09/2013	19:05	4	SSE	29/09/2013	22:45	0	---
29/09/2013	19:10	4	SE	29/09/2013	22:50	1	E
29/09/2013	19:15	3	SSE	29/09/2013	22:55	2	ESE
29/09/2013	19:20	2	SE	29/09/2013	23:00	0	ESE
29/09/2013	19:25	3	SE	29/09/2013	23:05	1	ESE
29/09/2013	19:30	2	SE	29/09/2013	23:10	0	E
29/09/2013	19:35	1	S	29/09/2013	23:15	0	E
29/09/2013	19:40	1	SSE	29/09/2013	23:20	0	ESE
29/09/2013	19:45	2	SSE	29/09/2013	23:25	1	ESE
29/09/2013	19:50	1	S	29/09/2013	23:30	1	ENE
29/09/2013	19:55	0	SSW	29/09/2013	23:35	2	E
29/09/2013	20:00	2	S	29/09/2013	23:40	2	ESE
29/09/2013	20:05	3	S	29/09/2013	23:45	2	ESE
29/09/2013	20:10	2	S	29/09/2013	23:50	2	ESE
29/09/2013	20:15	1	S	29/09/2013	23:55	1	ESE
29/09/2013	20:20	0	---	30/09/2013	00:00	1	SE
29/09/2013	20:25	0	SSE	30/09/2013	00:05	2	SE
29/09/2013	20:30	0	---	30/09/2013	00:10	2	ESE
29/09/2013	20:35	1	S	30/09/2013	00:15	2	S
29/09/2013	20:40	0	SSE	30/09/2013	00:20	1	E
29/09/2013	20:45	0	SSW	30/09/2013	00:25	1	SE
29/09/2013	20:50	0	SSW	30/09/2013	00:30	2	ESE
29/09/2013	20:55	0	---	30/09/2013	00:35	1	E
29/09/2013	21:00	0	---	30/09/2013	00:40	1	N
29/09/2013	21:05	0	---	30/09/2013	00:45	0	NNW
29/09/2013	21:10	0	---	30/09/2013	00:50	0	NE

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

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

Date	Time	Wind Speed (mph)	Wind Direction
30/09/2013	04:35	1	S
30/09/2013	04:40	3	SE
30/09/2013	04:45	1	SSE
30/09/2013	04:50	2	SSE
30/09/2013	04:55	3	SE
30/09/2013	05:00	3	ESE
30/09/2013	05:05	3	ENE
30/09/2013	05:10	2	E
30/09/2013	05:15	3	E
30/09/2013	05:20	2	E
30/09/2013	05:25	3	SE
30/09/2013	05:30	4	E
30/09/2013	05:35	3	SE
30/09/2013	05:40	3	SE
30/09/2013	05:45	2	SSE
30/09/2013	05:50	3	ESE
30/09/2013	05:55	2	SE
30/09/2013	06:00	3	E
30/09/2013	06:05	3	E
30/09/2013	06:10	2	SSE
30/09/2013	06:15	1	SSE
30/09/2013	06:20	1	SW
30/09/2013	06:25	0	WSW
30/09/2013	06:30	1	SE
30/09/2013	06:35	2	SSE
30/09/2013	06:40	0	SSE
30/09/2013	06:45	1	SE
30/09/2013	06:50	1	S
30/09/2013	06:55	1	SSE
30/09/2013	07:00	1	SSW
30/09/2013	07:05	0	SSW
30/09/2013	07:10	0	SSW
30/09/2013	07:15	1	SE
30/09/2013	07:20	0	---
30/09/2013	07:25	0	---
30/09/2013	07:30	0	SW
30/09/2013	07:35	2	S
30/09/2013	07:40	3	S
30/09/2013	07:45	1	ESE
30/09/2013	07:50	1	ESE
30/09/2013	07:55	1	SSE
30/09/2013	08:00	2	SE
30/09/2013	08:05	1	ESE
30/09/2013	08:10	1	ESE

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

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

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

Date	Time	Wind Speed (mph)	Wind Direction
30/09/2013	15:35	1	S
30/09/2013	15:40	3	ESE
30/09/2013	15:45	2	E
30/09/2013	15:50	2	ESE
30/09/2013	15:55	2	E
30/09/2013	16:00	1	ESE
30/09/2013	16:05	3	E
30/09/2013	16:10	3	ESE
30/09/2013	16:15	3	E
30/09/2013	16:20	2	E
30/09/2013	16:25	2	E
30/09/2013	16:30	2	ESE
30/09/2013	16:35	1	E
30/09/2013	16:40	0	SSE
30/09/2013	16:45	1	SSW
30/09/2013	16:50	5	SSE
30/09/2013	16:55	4	SSE
30/09/2013	17:00	5	S
30/09/2013	17:05	3	SSE
30/09/2013	17:10	6	SSE
30/09/2013	17:15	9	SSE
30/09/2013	17:20	4	SSW
30/09/2013	17:25	6	SSE
30/09/2013	17:30	7	SSE
30/09/2013	17:35	5	S
30/09/2013	17:40	7	S
30/09/2013	17:45	5	SSE
30/09/2013	17:50	6	S
30/09/2013	17:55	5	SSE
30/09/2013	18:00	6	S
30/09/2013	18:05	4	SSE
30/09/2013	18:10	3	SSE
30/09/2013	18:15	4	S
30/09/2013	18:20	5	SSE
30/09/2013	18:25	7	SSE
30/09/2013	18:30	7	SSE
30/09/2013	18:35	8	SSE
30/09/2013	18:40	7	S
30/09/2013	18:45	6	SSE
30/09/2013	18:50	6	SSE
30/09/2013	18:55	5	SSE
30/09/2013	19:00	4	SSE
30/09/2013	19:05	3	S
30/09/2013	19:10	6	SSE
30/09/2013	19:15	6	SSE
30/09/2013	19:20	5	SSE
30/09/2013	19:25	6	SSE
30/09/2013	19:30	4	SSE
30/09/2013	19:35	5	SSE
30/09/2013	19:40	5	SSE
30/09/2013	19:45	5	SE
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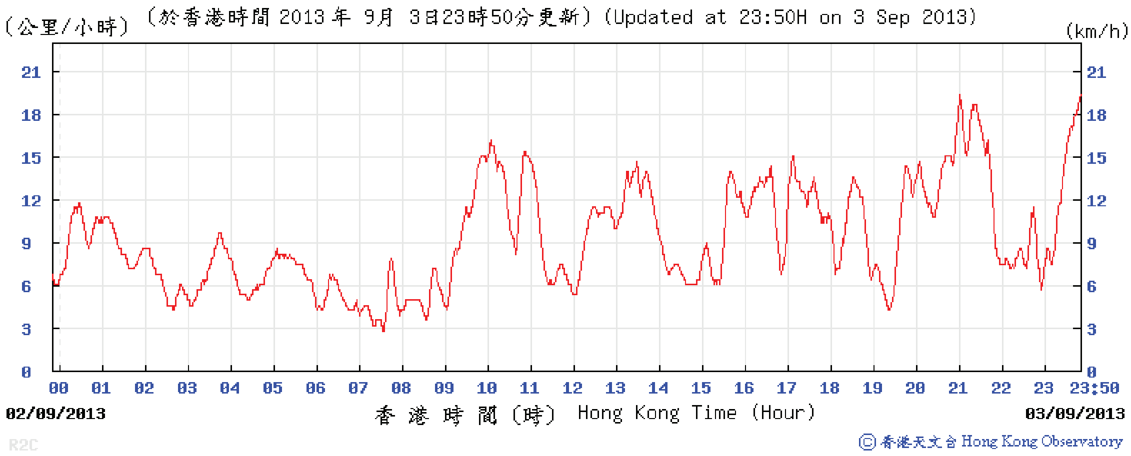
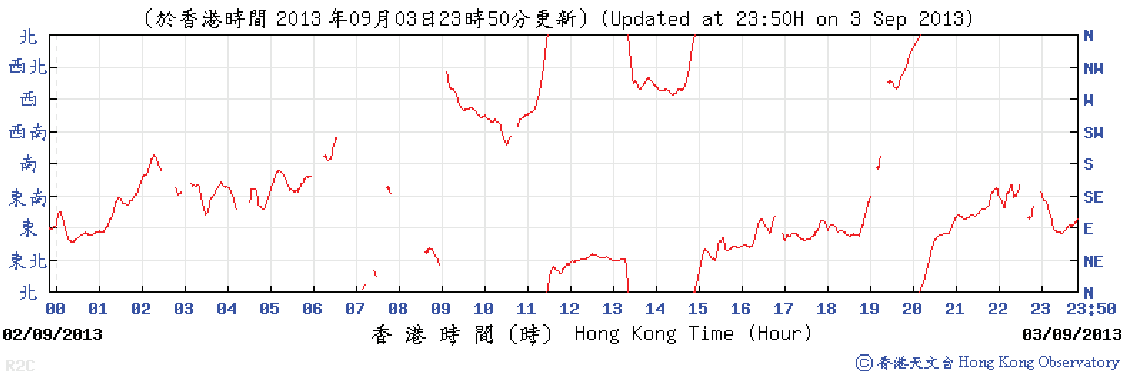
30/09/2013	22:10	4	SSE
30/09/2013	22:15	4	SSE
30/09/2013	22:20	6	SSE
30/09/2013	22:25	6	SSE
30/09/2013	22:30	6	SSE
30/09/2013	22:35	6	SSE
30/09/2013	22:40	4	SSE
30/09/2013	22:45	5	SSE
30/09/2013	22:50	6	SSE

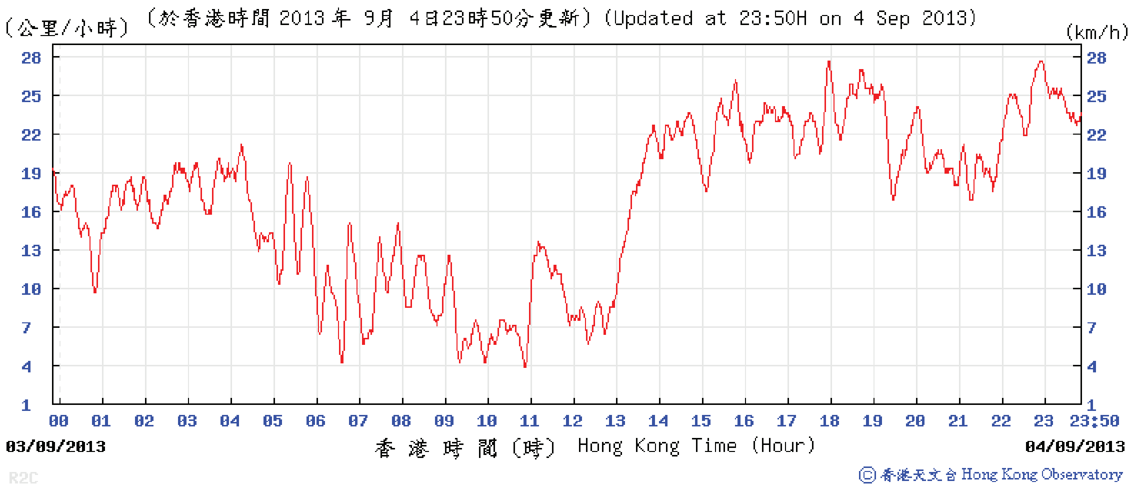
Extracted from the Weather Station at Tung Chung China State Site Office Rooftop

Date	Time	Wind Speed (mph)	Wind Direction	Date	Time	Wind Speed (mph)	Wind Direction
30/09/2013	22:55	6	SSE	30/09/2013	23:30	7	SSE
30/09/2013	23:00	6	SSE	30/09/2013	23:35	5	SSE
30/09/2013	23:05	6	SSE	30/09/2013	23:40	5	SSE
30/09/2013	23:10	6	SSE	30/09/2013	23:45	4	SSE
30/09/2013	23:15	6	SSE	30/09/2013	23:50	5	SSE
30/09/2013	23:20	6	SSE	30/09/2013	23:55	4	SSE
30/09/2013	23:25	5	SSE				

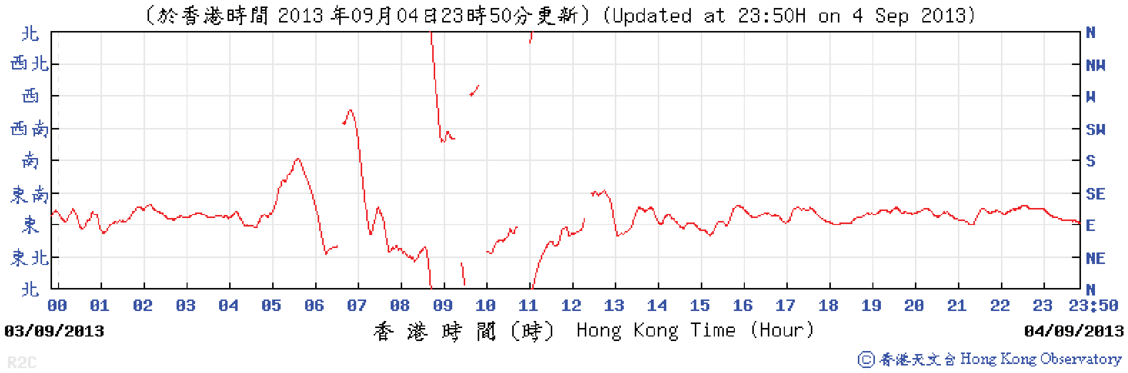
Wind data of Hong Kong Observatory’s Chek Lap Kok weather station

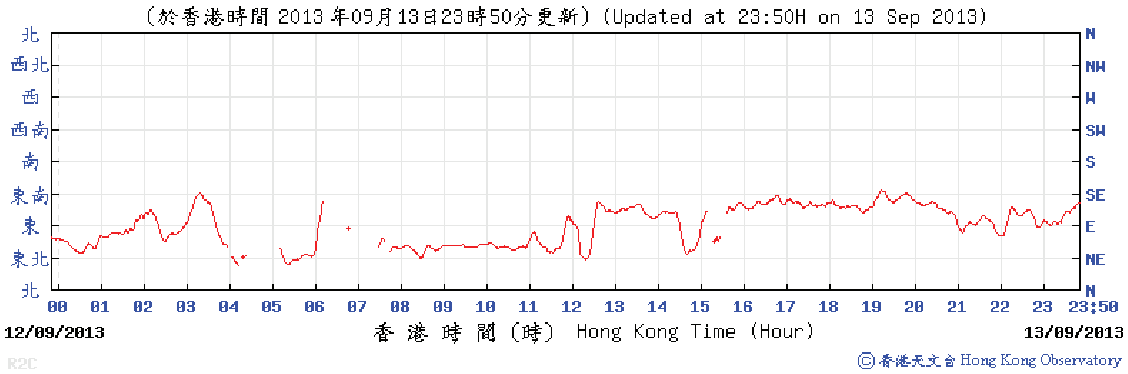




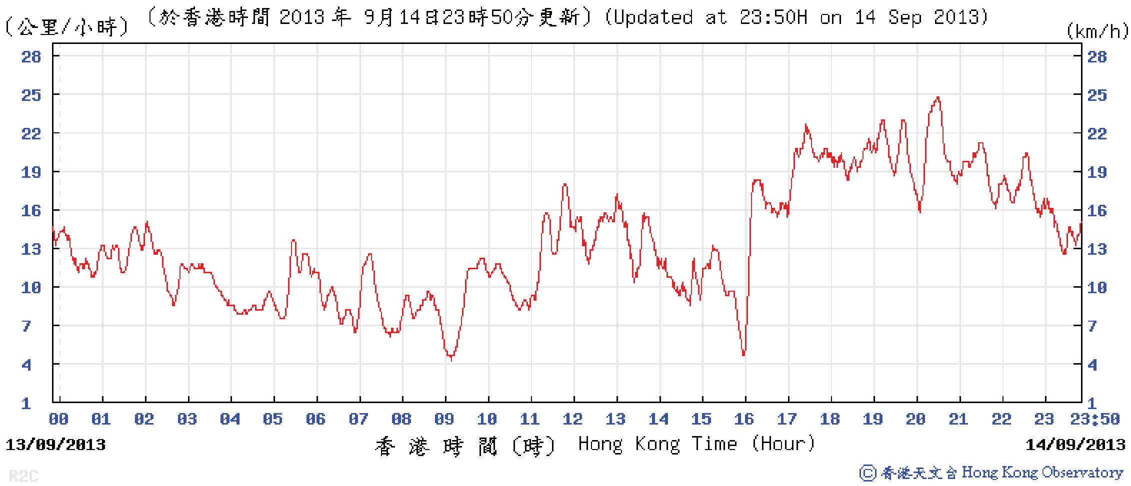


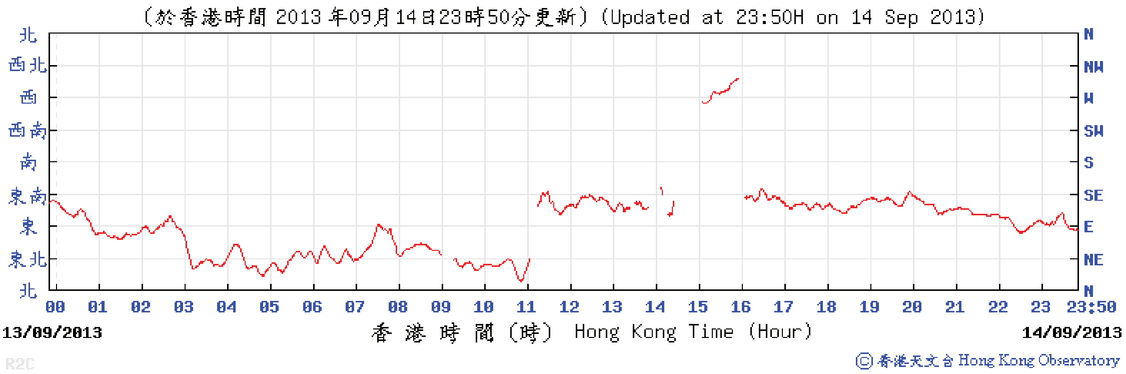
Wind data of Hong Kong Observatory's Chek Lap Kok weather station

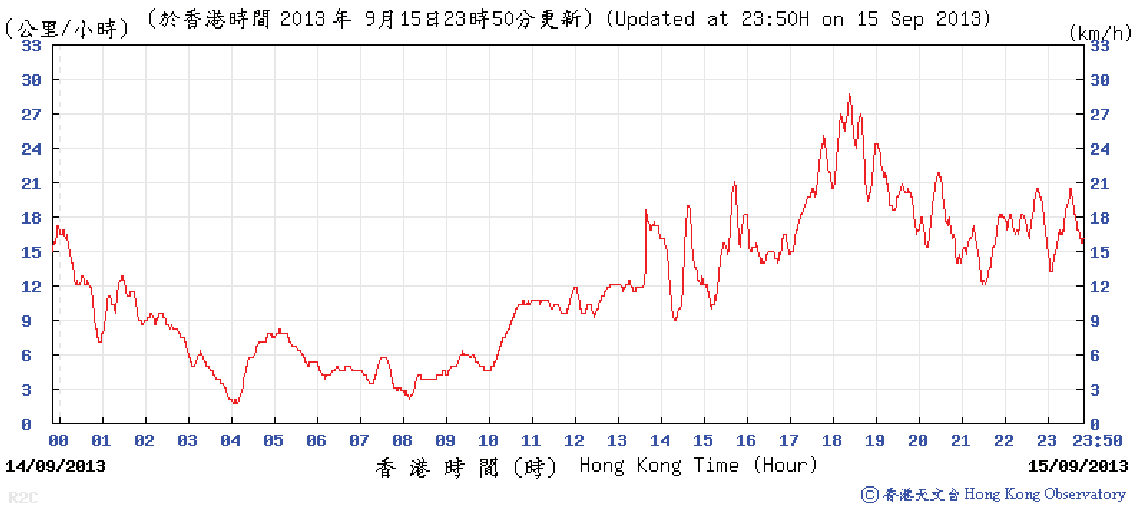




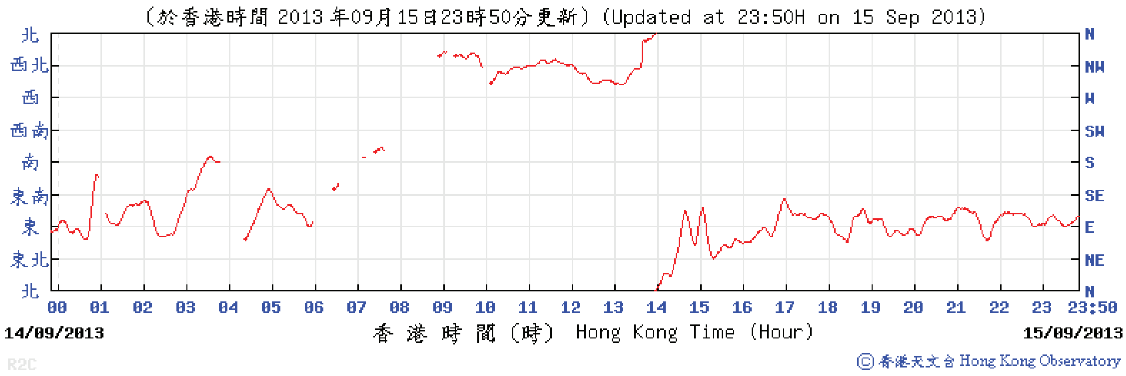
Wind data of Hong Kong Observatory's Chek Lap Kok weather station







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



APPENDIX H

Dolphin Monitoring Results

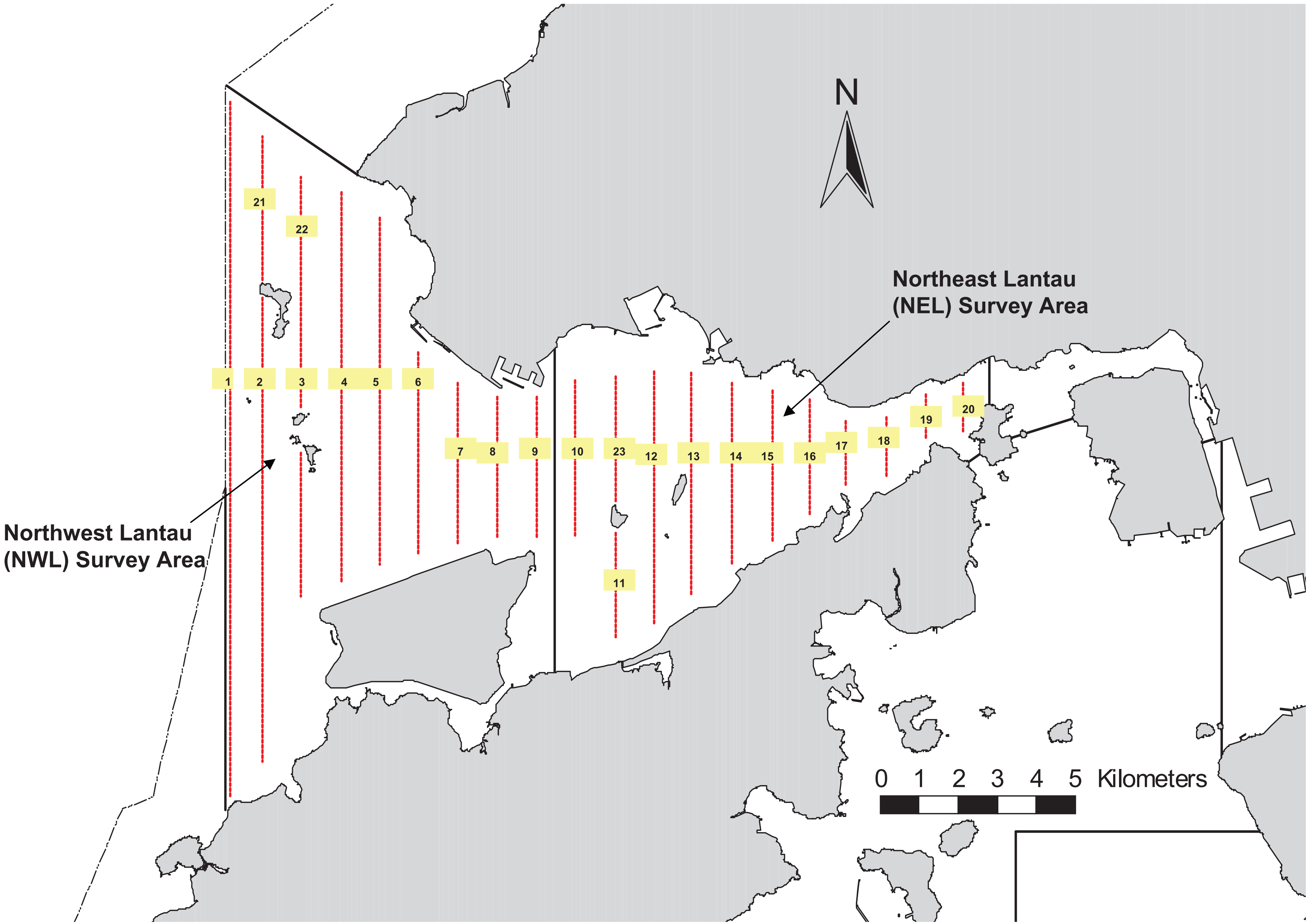


Figure 1. Transect Line Layout in Northwest and Northeast Lantau Survey Areas

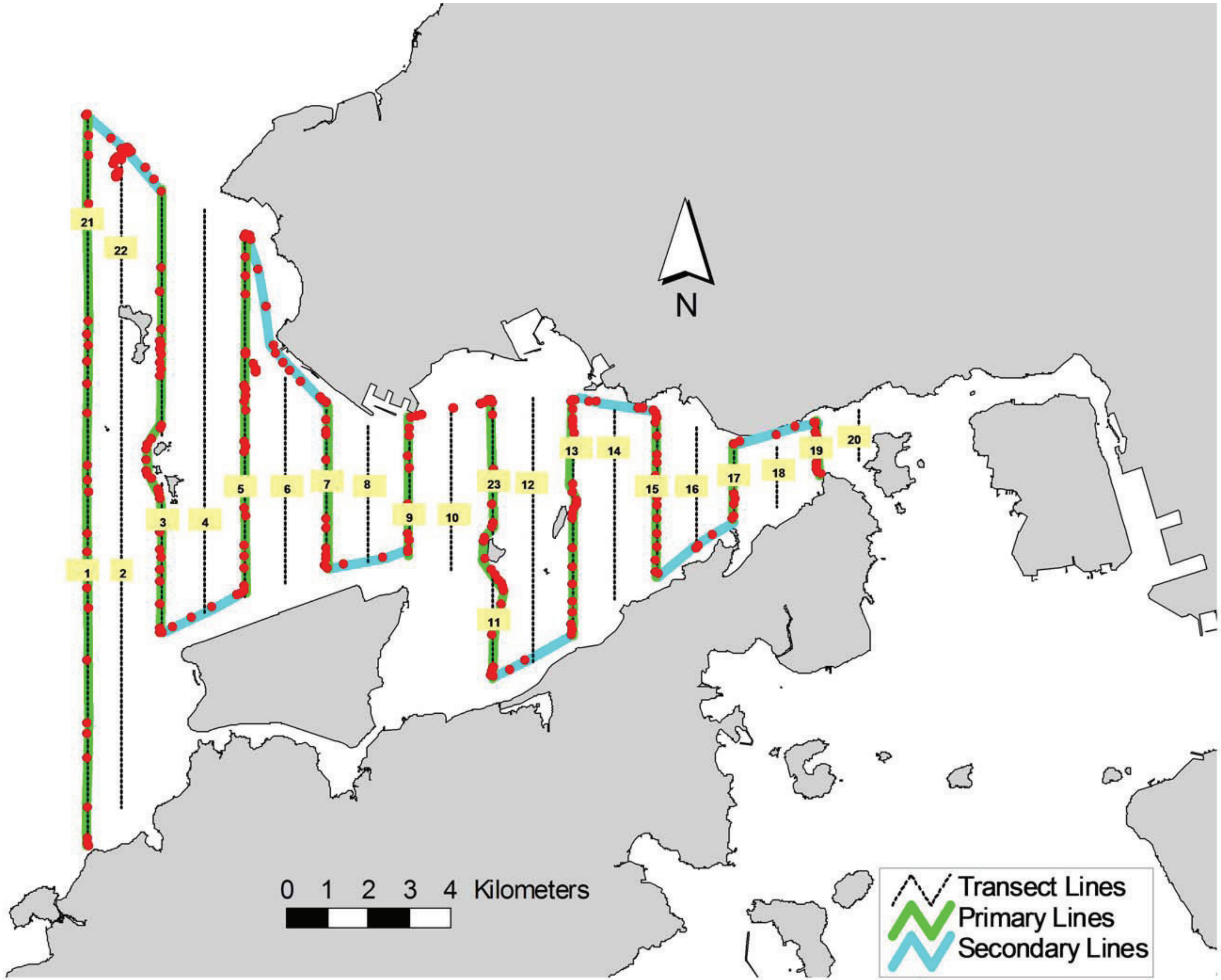


Figure 2. Survey Route on September 3rd, 2013

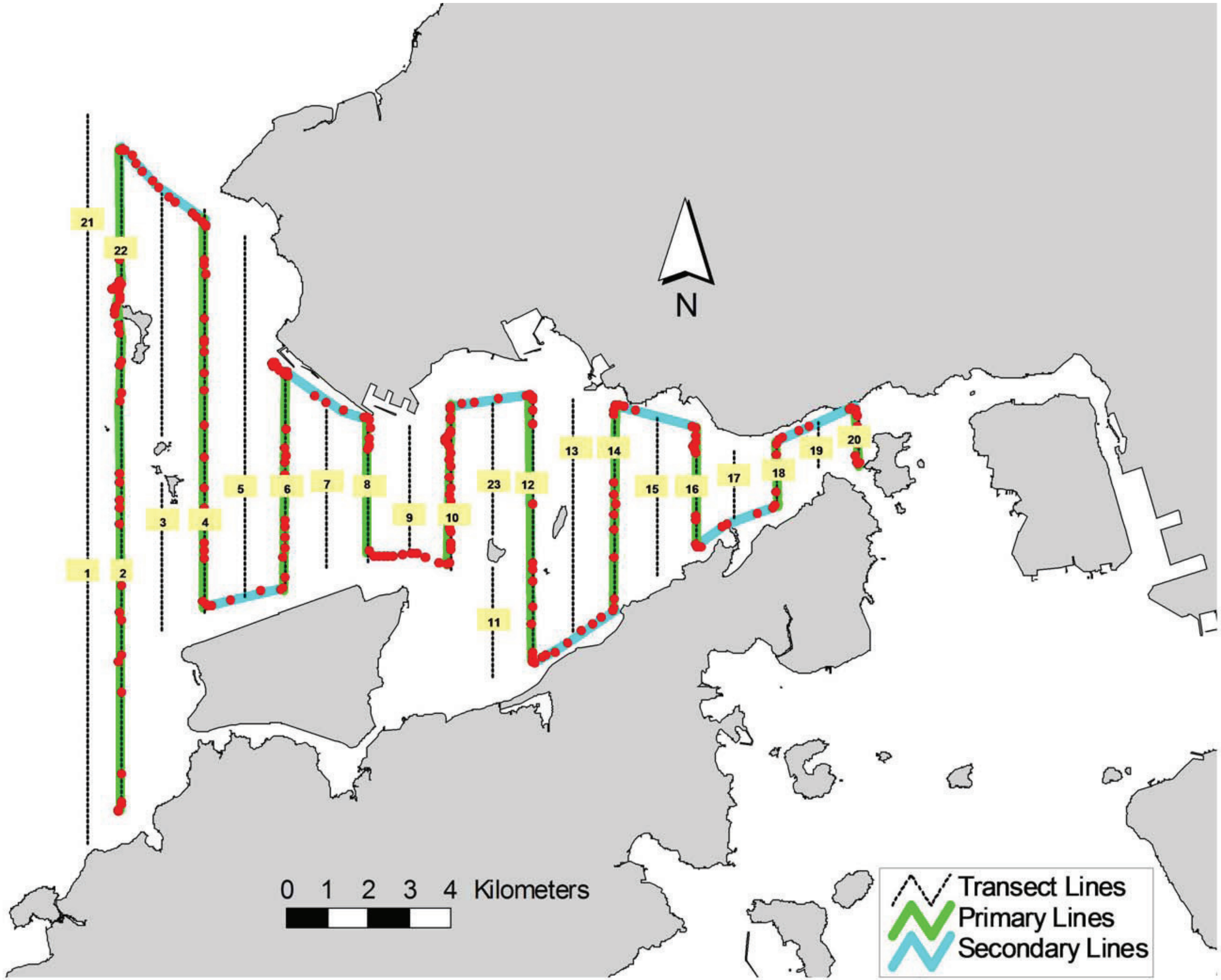


Figure 3. Survey Route on September 5th, 2013

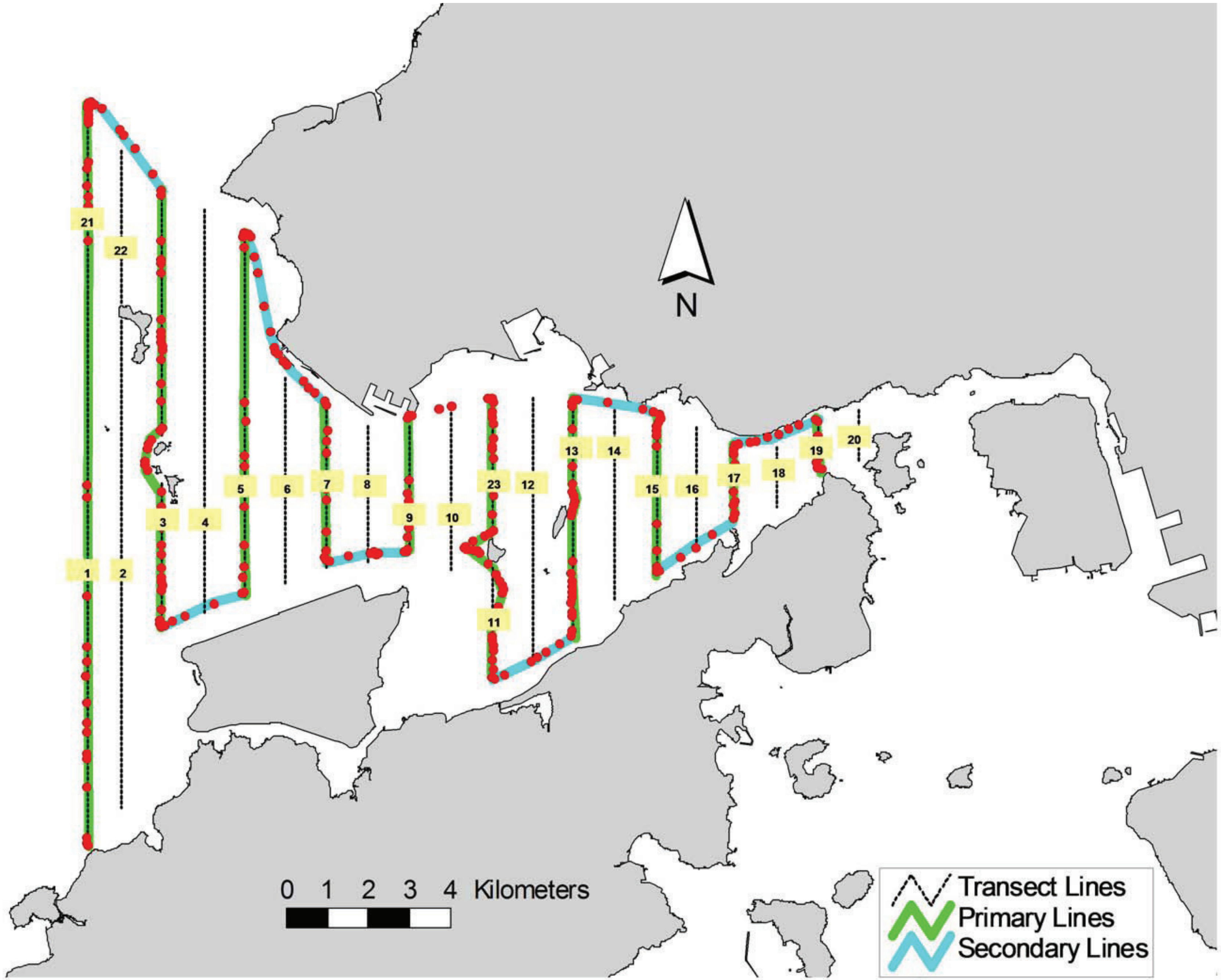


Figure 4. Survey Route on September 10th, 2013

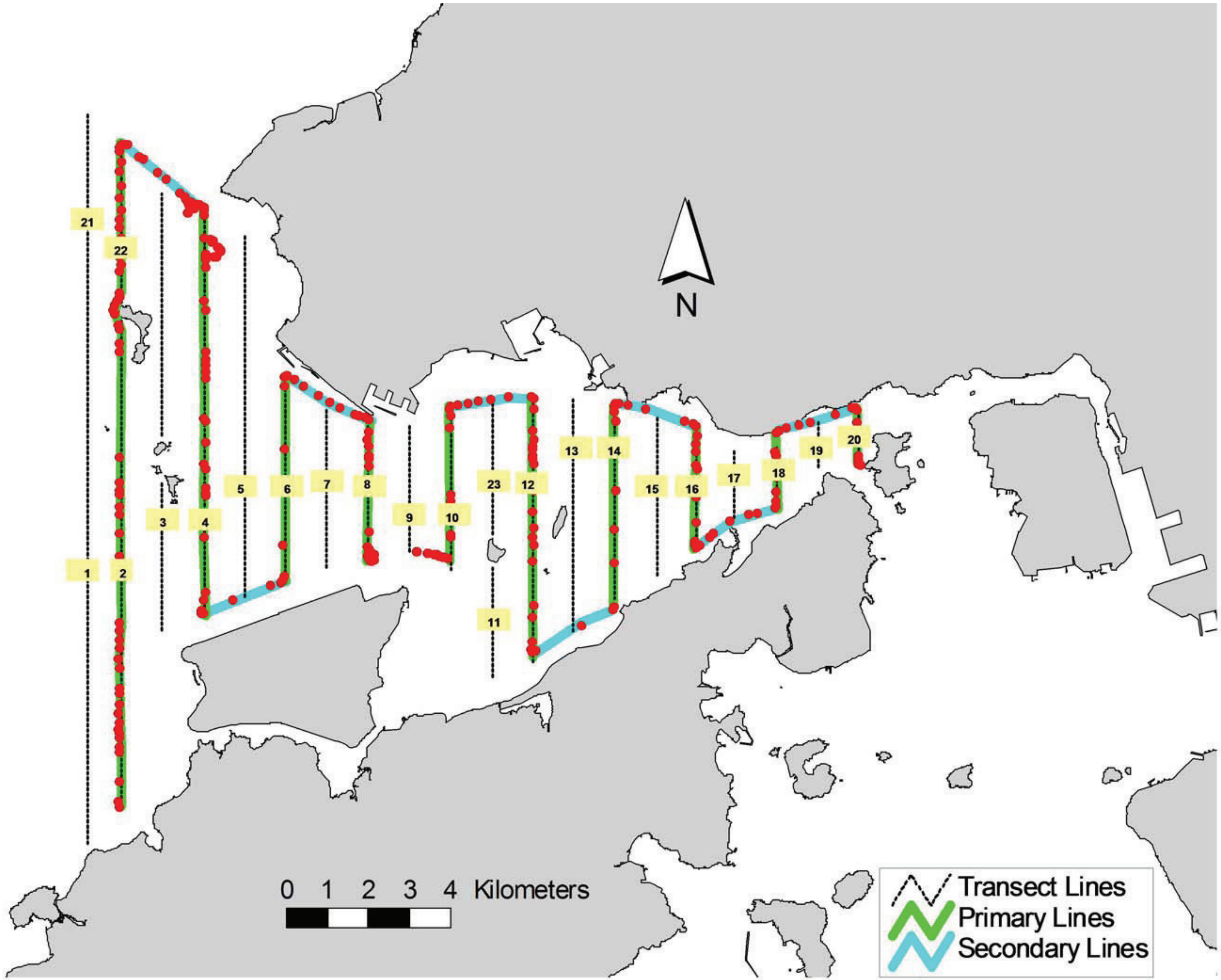


Figure 5. Survey Route on September 18th, 2013

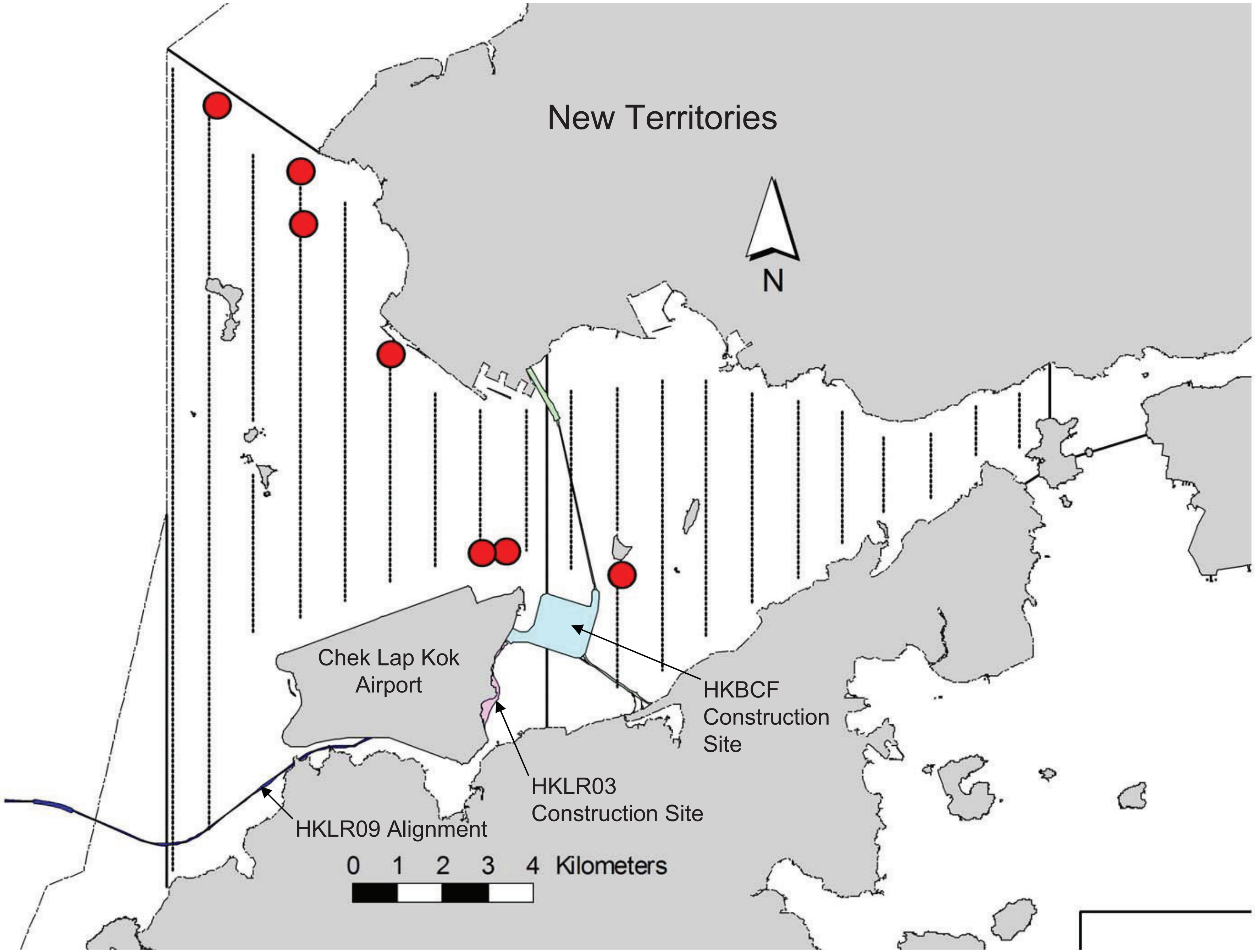


Figure 6. Distribution of Chinese White Dolphin Sightings During September 2013 HKLR03 Monitoring Surveys

Annex I. HKLR03 Survey Effort Database (September 2013)

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

DATE	AREA	BEAU	EFFORT	SEASON	VESSEL	TYPE	P/S
3-Sep-13	NE LANTAU	1	4.10	AUTUMN	STANDARD31516	HKLR	P
3-Sep-13	NE LANTAU	2	13.80	AUTUMN	STANDARD31516	HKLR	P
3-Sep-13	NE LANTAU	1	4.22	AUTUMN	STANDARD31516	HKLR	S
3-Sep-13	NE LANTAU	2	5.08	AUTUMN	STANDARD31516	HKLR	S
3-Sep-13	NW LANTAU	1	1.40	AUTUMN	STANDARD31515	HKLR	P
3-Sep-13	NW LANTAU	2	35.28	AUTUMN	STANDARD31516	HKLR	P
3-Sep-13	NW LANTAU	3	4.23	AUTUMN	STANDARD31516	HKLR	P
3-Sep-13	NW LANTAU	2	11.67	AUTUMN	STANDARD31516	HKLR	S
3-Sep-13	NW LANTAU	3	1.42	AUTUMN	STANDARD31516	HKLR	S
5-Sep-13	NW LANTAU	1	4.40	AUTUMN	STANDARD31516	HKLR	P
5-Sep-13	NW LANTAU	2	10.05	AUTUMN	STANDARD31516	HKLR	P
5-Sep-13	NW LANTAU	3	12.22	AUTUMN	STANDARD31516	HKLR	P
5-Sep-13	NW LANTAU	4	4.35	AUTUMN	STANDARD31516	HKLR	P
5-Sep-13	NW LANTAU	2	0.70	AUTUMN	STANDARD31516	HKLR	S
5-Sep-13	NW LANTAU	3	4.07	AUTUMN	STANDARD31516	HKLR	S
5-Sep-13	NW LANTAU	4	2.94	AUTUMN	STANDARD31516	HKLR	S
5-Sep-13	NE LANTAU	2	7.70	AUTUMN	STANDARD31516	HKLR	P
5-Sep-13	NE LANTAU	3	12.80	AUTUMN	STANDARD31516	HKLR	P
5-Sep-13	NE LANTAU	1	0.90	AUTUMN	STANDARD31516	HKLR	S
5-Sep-13	NE LANTAU	2	8.60	AUTUMN	STANDARD31516	HKLR	S
5-Sep-13	NE LANTAU	3	1.00	AUTUMN	STANDARD31516	HKLR	S
10-Sep-13	NE LANTAU	1	8.82	AUTUMN	STANDARD31516	HKLR	P
10-Sep-13	NE LANTAU	2	9.18	AUTUMN	STANDARD31516	HKLR	P
10-Sep-13	NE LANTAU	1	2.19	AUTUMN	STANDARD31516	HKLR	S
10-Sep-13	NE LANTAU	2	4.30	AUTUMN	STANDARD31516	HKLR	S
10-Sep-13	NE LANTAU	3	2.11	AUTUMN	STANDARD31516	HKLR	S
10-Sep-13	NW LANTAU	1	5.52	AUTUMN	STANDARD31516	HKLR	P
10-Sep-13	NW LANTAU	2	32.26	AUTUMN	STANDARD31516	HKLR	P
10-Sep-13	NW LANTAU	3	3.40	AUTUMN	STANDARD31516	HKLR	P
10-Sep-13	NW LANTAU	1	0.32	AUTUMN	STANDARD31516	HKLR	S
10-Sep-13	NW LANTAU	2	11.97	AUTUMN	STANDARD31516	HKLR	S
18-Sep-13	NE LANTAU	3	11.11	AUTUMN	STANDARD31516	HKLR	P
18-Sep-13	NE LANTAU	4	8.60	AUTUMN	STANDARD31516	HKLR	P
18-Sep-13	NE LANTAU	2	0.97	AUTUMN	STANDARD31516	HKLR	S
18-Sep-13	NE LANTAU	3	7.52	AUTUMN	STANDARD31516	HKLR	S
18-Sep-13	NE LANTAU	4	2.00	AUTUMN	STANDARD31516	HKLR	S
18-Sep-13	NW LANTAU	2	10.48	AUTUMN	STANDARD31516	HKLR	P
18-Sep-13	NW LANTAU	3	19.93	AUTUMN	STANDARD31516	HKLR	P
18-Sep-13	NW LANTAU	4	1.34	AUTUMN	STANDARD31516	HKLR	P
18-Sep-13	NW LANTAU	2	3.81	AUTUMN	STANDARD31516	HKLR	S
18-Sep-13	NW LANTAU	3	3.49	AUTUMN	STANDARD31516	HKLR	S

Annex II. HKLR03 Chinese White Dolphin Sighting Database (September 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
03-Sep-13	1	1454	2	NW LANTAU	2	223	ON	HKLR	830628	805630	AUTUMN	NONE	S
05-Sep-13	1	1323	6	NW LANTAU	3	242	ON	HKLR	825416	809502	AUTUMN	NONE	P
10-Sep-13	1	1121	2	NE LANTAU	2	75	ON	HKLR	820812	814615	AUTUMN	NONE	P
10-Sep-13	2	1213	3	NW LANTAU	2	89	ON	HKLR	821281	812060	AUTUMN	NONE	S
18-Sep-13	1	1208	1	NW LANTAU	3	400	ON	HKLR	821271	811525	AUTUMN	NONE	P
18-Sep-13	2	1356	5	NW LANTAU	2	87	ON	HKLR	828132	807540	AUTUMN	NONE	P
18-Sep-13	3	1417	3	NW LANTAU	2	120	ON	HKLR	829251	807491	AUTUMN	NONE	P

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

ID#	DATE	STG#	AREA
CH34	18/09/13	2	NW LANTAU
EL01	10/09/13	1	NE LANTAU
	10/09/13	2	NW LANTAU
NL105	18/09/13	2	NW LANTAU
NL188	05/09/13	1	NW LANTAU
NL191	10/09/13	1	NE LANTAU
	10/09/13	2	NW LANTAU
NL220	05/09/13	1	NW LANTAU
NL236	18/09/13	3	NW LANTAU
NL242	18/09/13	2	NW LANTAU
NL244	10/09/13	2	NW LANTAU
NL264	05/09/13	1	NW LANTAU
NL288	05/09/13	1	NW LANTAU
WL05	05/09/13	1	NW LANTAU
	18/09/13	2	NW LANTAU
WL11	05/09/13	1	NW LANTAU

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

Annex IV. (cont'd)

APPENDIX I

Mudflat Monitoring Results

Table 3.1. *Record of horseshoe crab survey at every sampling zone.*

Species	Ind. #	Sub.	GPS coordinate		Record of prosomal width (mm)	
Sampling site TC1 (Search hour = 2 hrs)						
Tachypleus tridentatus	1	S	22° 16.996' N	113° 55.984' E	26.91	
T. tridentatus	1	S	22° 16.995' N	113° 55.985' E	25.34	
T. tridentatus	1	S	22° 16.993' N	113° 55.986' E	42.34	
T. tridentatus	1	S	22° 17.001' N	113° 55.982' E	25.95	
T. tridentatus	2	S	22° 17.004' N	113° 55.990' E	19.33	25.26
T. tridentatus	1	S	22° 17.006' N	113° 55.992' E	38.92	
T. tridentatus	1	S	22° 17.006' N	113° 55.990' E	31.15	
T. tridentatus	1	M	22° 17.024' N	113° 55.982' E	47.62	
T. tridentatus	1	M	22° 17.065' N	113° 55.985' E	29.38	
Sampling site TC2 (Search hour = 2 hrs)						
Tachypleus tridentatus	1	S	22° 16.855' N	113° 55.833' E	31.28	
T. tridentatus	1	M	22° 16.918' N	113° 55.900' E	19.74	

Ind. #: number of Individuals (individuals in a group are shown at the same row)

Sub.: Substratum type; G = Gravel and Boulders, M = Soft mud, S = Sand

Table 3.1 (Cont'd). *Record of horseshoe crab survey at every sampling zone.*

Species	Ind. #	Sub.	GPS coordinate		Record of prosomal width (mm)			
Sampling site TC3 (Search hour = 2 hrs)								
Tachypleus tridentatus	1	S	22° 17.061' N	113° 55.620' E	67.63			
T. tridentatus	1	S	22° 17.025' N	113° 55.631' E	34.83			
T. tridentatus	2	S	22° 17.007' N	113° 55.638' E	24.3	22.24		
T. tridentatus	1	S	22° 16.996' N	113° 55.653' E	24.83			
T. tridentatus	1	M	22° 17.023' N	113° 55.681' E	20.85			
T. tridentatus	1	S	22° 16.978' N	113° 55.648' E	21.39			
Sampling site ST (Search hour = 3 hrs)								
Tachypleus tridentatus	2	S	22° 17.239' N	113° 55.492' E	60.14	39.62		
T. tridentatus	1	S	22° 17.230' N	113° 55.492' E	25.25			
T. tridentatus	1	S,G	22° 17.228' N	113° 55.488' E	34.15			
T. tridentatus	3	S,G	22° 17.220' N	113° 55.490' E	25.63	33.45	41.42	
T. tridentatus	1	S,G	22° 17.215' N	113° 55.489' E	35.45			
T. tridentatus	4	S,G	22° 17.219' N	113° 55.476' E	31.91	33.3	47.84	41.47

Ind. #: number of Individuals (individuals in a group are shown at the same row)

Sub.: Substratum type; G = Gravel and Boulders, M = Soft mud, S = Sand

Table 3.1 (Cont'd). *Record of horseshoe crab survey at every sampling zone.*

Species	Ind. #	Sub.	GPS coordinate		Record of prosomal width (mm)									
Sampling site ST (Search hour = 3 hrs)														
T. tridentatus	4	S	22° 17.212' N	113° 55.474' E	24.05	20.91	36.85	27.77						
T. tridentatus	8	S	22° 17.212' N	113° 55.481' E	32.3	33.9	42.02	33.77	39.68	39.62	44.91	41.82		
T. tridentatus	9	S	22° 17.209' N	113° 55.487' E	29.22	47.55	34.83	36.29	35.02	44.59	39.89	41.83	30.39	
T. tridentatus	1	S	22° 17.209' N	113° 55.490' E	33.6									
T. tridentatus	1	S, G	22° 17.381' N	113° 55.463' E	43.51									
T. tridentatus	1	S	22° 17.382' N	113° 55.453' E	36.25									
T. tridentatus	1	S	22° 17.387' N	113° 55.452' E	47.79									
T. tridentatus	11	S	22° 17.389' N	113° 55.457' E	44.26	33.65	36.86	39.34	36.85	43	41.39	41.2	42.79	38.55
					49.7									
T. tridentatus	1	M	22° 17.366' N	113° 55.483' E	35.08									
T. tridentatus	1	M	22° 17.367' N	113° 55.485' E	29.04									
T. tridentatus	2	S	22° 17.195' N	113° 55.498' E	37.4	60.23								
T. tridentatus	1	S	22° 17.210' N	113° 55.500' E	59.39									
T. tridentatus	1	S	22° 17.191' N	113° 55.509' E	66.96									

Ind. #: number of Individuals (individuals in a group are shown at the same row)

Sub.: Substratum type; G = Gravel and Boulders, M = Soft mud, S = Sand

Table 3.1 (Cont'd). *Record of horseshoe crab survey at every sampling zone.*

Species	Ind. #	Sub.	GPS coordinate		Record of prosomal width (mm)								
Sampling site ST (Search hour = 3 hrs)													
T. tridentatus	2	M	22° 17.187' N	113° 55.529' E	66.47	62.75							
T. tridentatus	9	S	22° 17.164' N	113° 55.509' E	25.28	26.79	46.47	28.02	31.46	59.46	35.46	29.54	35.11
T. tridentatus	9	S	22° 17.172' N	113° 55.489' E	50.63	45.13	46.75	54.33	65.02	62.82	68.01	55.48	44.72
T. tridentatus	7	S	22° 17.177' N	113° 55.483' E	34.22	36.1	35.02	38.21	28.41	41.65	49.36		
T. tridentatus	5	S	22° 17.188' N	113° 55.478' E	36.99	34.79	35.55	51.19	37.93				
T. tridentatus	2	S	22° 17.177' N	113° 55.471' E	26.98	31.12							
T. tridentatus	2	S	22° 17.159' N	113° 55.476' E	38.79	50.07							
T. tridentatus	3	S	22° 17.148' N	113° 55.490' E	31.19	46.19	46.37						
T. tridentatus	1	M	22° 17.134' N	113° 55.511' E	22.75								
Released artificially breed individuals													
T. tridentatus	9	S	22° 17.212' N	113° 55.483' E	31.45	28.76	32.07	34.55	33.84	38.93	32.92	38.8	56
T. tridentatus	9	S	22° 17.209' N	113° 55.487' E	34.45	47.08	37.54	38.53	38.09	39.41	38.28	39.92	35.12

Ind. #: number of Individuals (individuals in a group are shown at the same row)

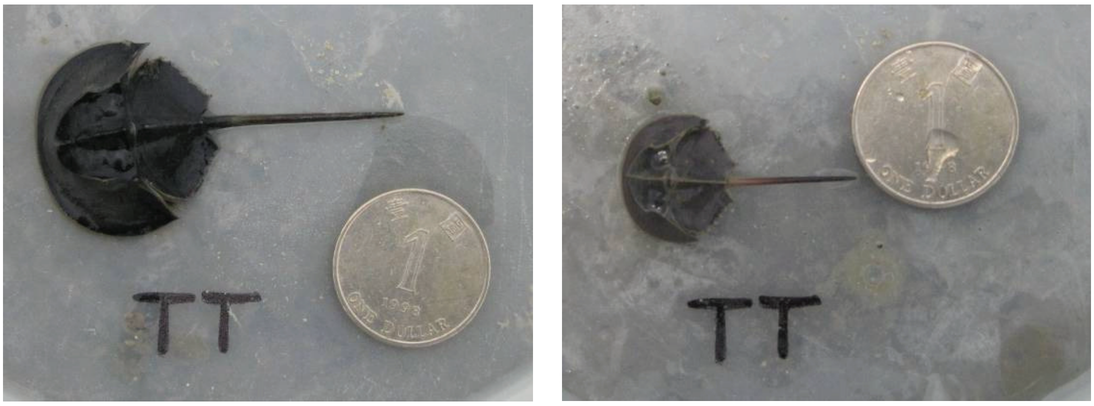
Sub.: Substratum type; G = Gravel and Boulders, M = Soft mud, S = Sand

Table 3.2. *Summary of horseshoe crab survey at every sampling zone.*

	TC1	TC2	TC3	ST
Search duration (hr)	2	2	2	3
Tachypleus tridentatus				
no. of individuals	10	2	7	94
mean prosomal width (mm)	31.22	25.51	30.87	40.39
range of prosomal width (mm)	19.33-47.62	19.74-31.28	20.85-67.63	20.91-68.01
Search record (ind. hr^{-1} $person^{-1}$)	2.50	0.50	1.75	15.67

TC1

TC2



TC3

Figure 3.1. *Examples of photographic records of horseshoe crab Tachypleus tridentatus in the present survey (taken on 15 & 21 /09/2013)*

ST

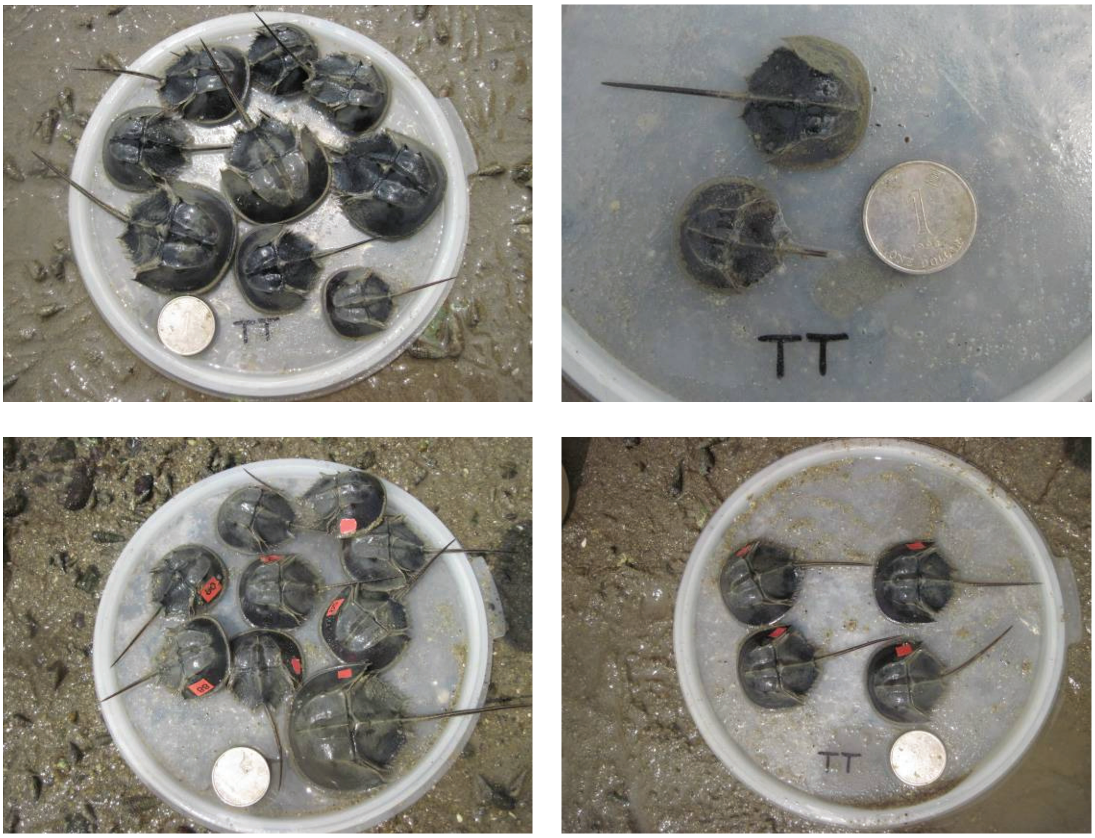


Figure 3.1 (Cont'd). *Examples of photographic records of horseshoe crab Tachypleus tridentatus in the present survey (taken on 15 & 21 /09/2013)*

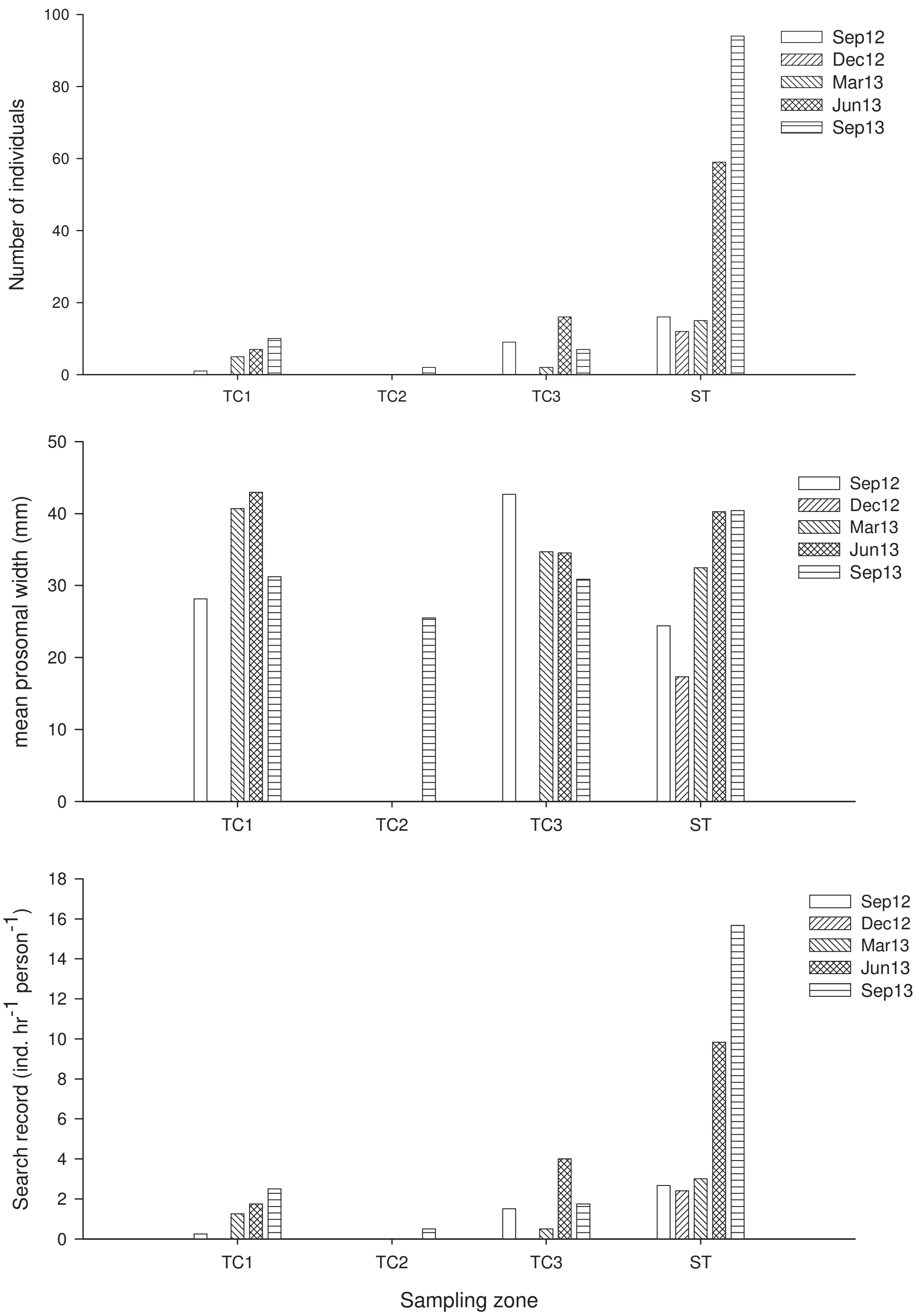


Figure 3.2. *Changes of number of individuals, mean prosomal width and search record of horseshoe crab Tachypleus tridentatus at the four sampling zones along the sampling months*

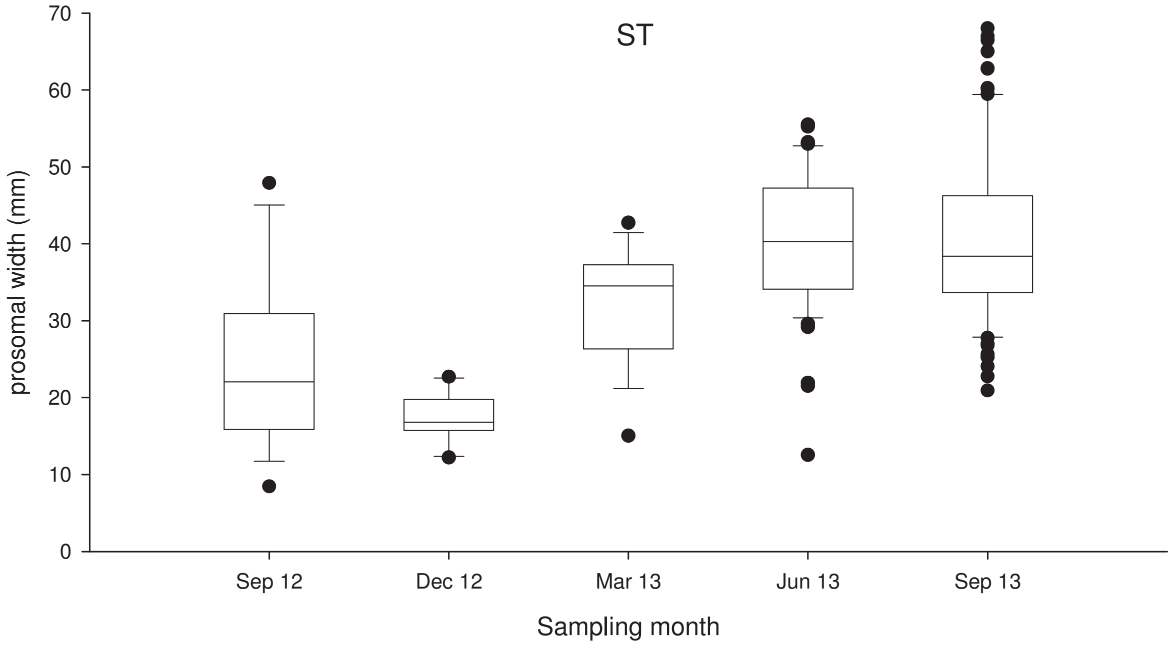


Figure 3.3. *Box plot of prosomal width of horseshoe crab Tachypleus tridentatus at the sampling zone ST along the sampling months (The box represents 50% of the sample (upper to lower quartile) with a middle line showing the median value. The upper whisker and lower whisker showed the 25% of sample above upper quartile and below the lower quartile respectively. The black circle dots showed the data of outliner.)*

Table 3.3. *Summary of seagrass beds survey at every sampling zone*

Species	Estimated area (m^2)	GPS coordinate	Estimated coverage (%)	Remark
TC1 (search hour = 2 hr) & TC2 (search hour = 2 hr) & TC3 (search hour = 2 hr)				
No record				
ST (search hour = 3 hr)				
Halophila ovalis	758.9	22º 17.221' N 113º 55.474' E -- 22º 17.195' N 113º 55.475' E	85-90	A large patch of seagrass bed nearby the seaward side of mangrove area at tidal level 2.0m above C.D.
	1.2	22° 17.130' N 113° 55.538' E	15	
	8.0	22° 17.130' N 113° 55.541' E	30	
	3.8	22° 17.108' N 113° 55.556' E	50	A small patch of seagrass bed on soft mud between 1.0 and 1.5 m above C.D.
	5.0	22° 17.113' N 113° 55.562' E	50	
	7.0	22° 17.105' N 113° 55.571' E	70	
	1.5	22° 17.138' N 113° 55.556' E	50	
no. of patches	7			
Total area (m^2)	785.3			
Average area (m^2)	112.2			

Table 3.3 (Cont'd). *Summary of seagrass beds survey at every sampling zone*

Species	Estimated area (m^2)	GPS coordinate	Estimated coverage (%)	Remark
ST (search hour = 3 hr)				
Zostera japonica	3.7	22º 17.221' N 113º 55.475' E	95	A small patch grown in the long strand of another seagrass species *Halophila ovalis*
no. of patches	1			
Total area (m^2)	3.7			
Average area (m^2)	3.7			

Halophila ovalis

Zostera japonica

Figure 3.4. *Examples of photographic records of seagrass beds survey at ST (taken on 15/09/2013)*

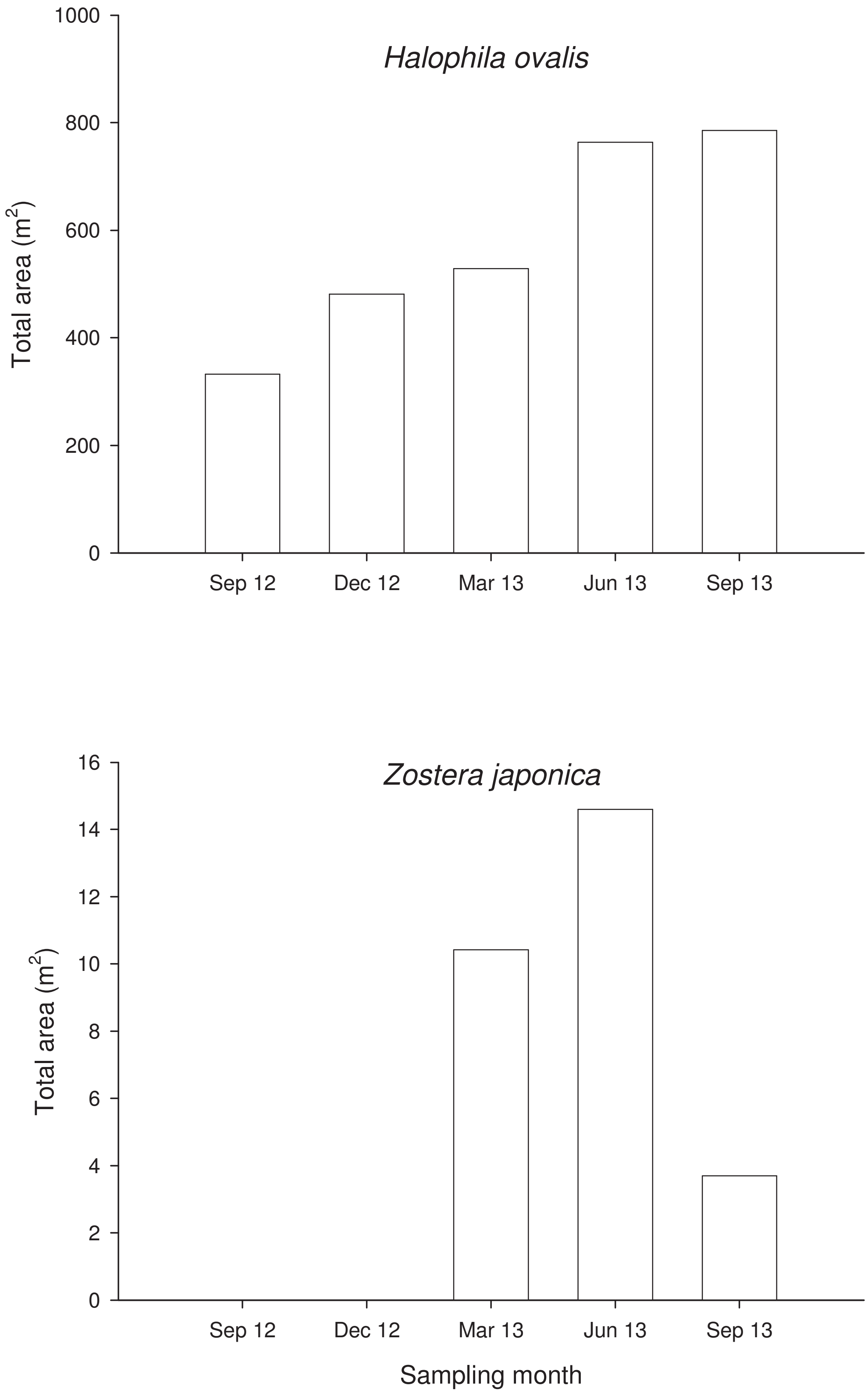


Figure 3.5. *Changes of estimated total area of seagrass beds at sampling zone ST along the sampling months*

Table 3.4. *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	60	
	M	80	10	10
	L	20	40	40
TC2	H		60	40
	M	20	30	50
	L		30	70
TC3	H		100	
	M		80	20
	L	60	30	10
ST	H	100		
	M	50	50	
	L	20		80

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

TC1 H

TC1 M

08/09/2013

TC2 H

TC2 L

14/09/2013

TC3 M

TC3 L

07/09/2013

ST H

ST M

01/09/2013

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

Phylum	Total Abundance	%	Density (ind. m^{-2})	Number of taxon
Sep 2013				
Mollusca	18738	96.9	625	37
Arthropoda	421	2.2	14	13
Annelida	116	0.6	4	8
Sipuncula	33	0.2	1	1
Echinodermata	9	0.0	0	1
Chordata	5	0.0	0	1
Cnidaria	4	0.0	0	1
Nemertea	3	0.0	0	1
Total	19329			

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

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

Table 3.6. *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})
Mollusca	4303	97.8	574	3806	93.7	507	7510	98.8	1001	3119	95.6	416
Arthropoda	76	1.7	10	185	4.6	25	49	0.6	7	111	3.4	15
Annelida	12	0.3	2	57	1.4	8	33	0.4	4	14	0.4	2
Sipuncula	8	0.2	1	6	0.1	1	6	0.1	1	13	0.4	2
Chordata	2	0.0	0	1	0.0	0	1	0.0	0	1	0.0	0
Nemertea				2	0.0	0				1	0.0	0
Cnidaria										4	0.1	1
Echinodermata				3	0.1	0	6	0.1	1			
Sub-total	4401			4060			7605			3263		

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 3.7. *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*	403	64	64
	G	*Cerithidea djadjariensis*	111	18	82
Mid	G	*Batillaria multiformis*	406	51	51
	G	*Monodonta labio*	135	17	68
	Bi	*Saccostrea cucullata*	96	12	80
Low	G	*Cerithidea djadjariensis*	98	29	29
	Bi	*Saccostrea cucullata*	61	18	48
	G	*Batillaria multiformis*	32	10	57

Bi = Bivalve, G = Gastropod

Table 3.7(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 cingulata*	412	50	50
	G	*Cerithidea djadjariensis*	271	33	83
Mid	G	*Cerithidea djadjariensis*	182	38	38
	Bi	*Saccostrea cucullata*	72	15	53
	G	*Cerithidea cingulata*	61	13	66
Low	G	*Cerithidea djadjariensis*	167	52	52
	G	*Batillaria zonalis*	42	13	66

Bi = Bivalve, G = Gastropod

Table 3.7(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*	526	49	49
	G	*Cerithidea djadjariensis*	310	29	77
	G	*Cerithidea cingulata*	206	19	96
Mid	G	*Batillaria multiformis*	857	63	63
	G	*Cerithidea djadjariensis*	244	18	80
	G	*Cerithidea cingulata*	191	14	94
Low	G	*Monodonta labio*	196	33	33
	Bi	*Saccostrea cucullata*	158	27	60
	G	*Batillaria multiformis*	91	15	76

Bi = Bivalve, G = Gastropod

Table 3.7(Cont'd). *The abundant species at every sampling zone.*

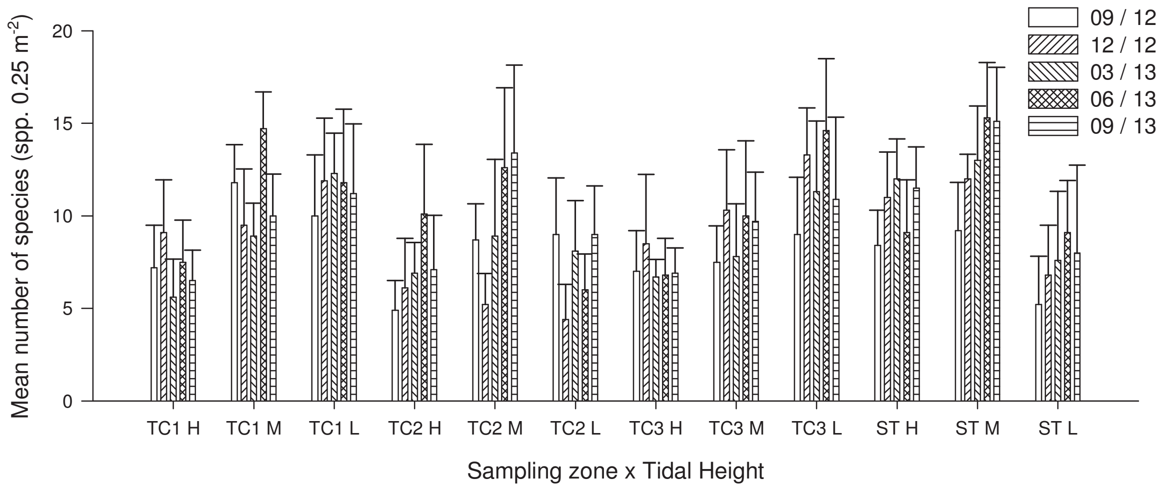
Sampling zone ST	Group	Species	mean density (ind. m^{-2})	relative abundance (%)	cumulative relative abundance (%)
High	G	*Batillaria multiformis*	329	55	55
	G	*Monodonta labio*	108	18	72
Mid	G	*Cerithidea djadjariensis*	88	18	18
	Bi	*Saccostrea cucullata*	88	18	36
	G	*Batillaria multiformis*	58	12	48
	G	*Cerithidea cingulata*	58	12	60
	G	*Lunella coronata*	56	12	72
Low	G	*Cerithidea djadjariensis*	95	44	44
	G	*Batillaria zonalis*	24	11	55

Bi = Bivalve, G = Gastropod

Table 3.8. *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	7	628	1.00		0.55	
	M	10	800	1.36	1.36	0.60	0.62
	L	11	332	1.73		0.72	
TC2	H	7	827	1.06		0.57	
	M	13	478	1.70	1.40	0.67	0.63
	L	9	320	1.45		0.67	
TC3	H	7	1080	1.03		0.54	
	M	10	1371	1.12	1.22	0.51	0.58
	L	11	590	1.52		0.68	
ST	H	12	602	1.43		0.58	
	M	15	485	2.07	1.56	0.76	0.66
	L	8	218	1.19		0.63	

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*



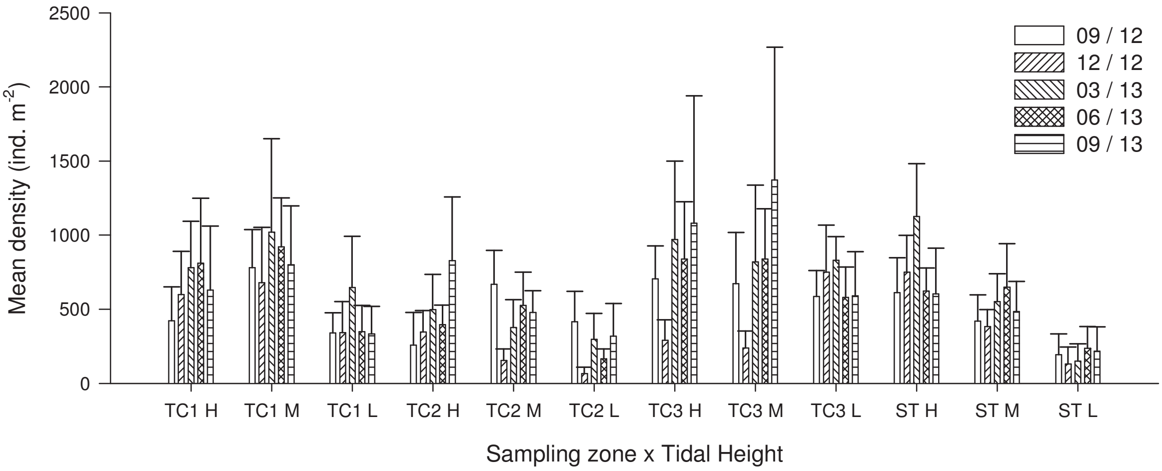
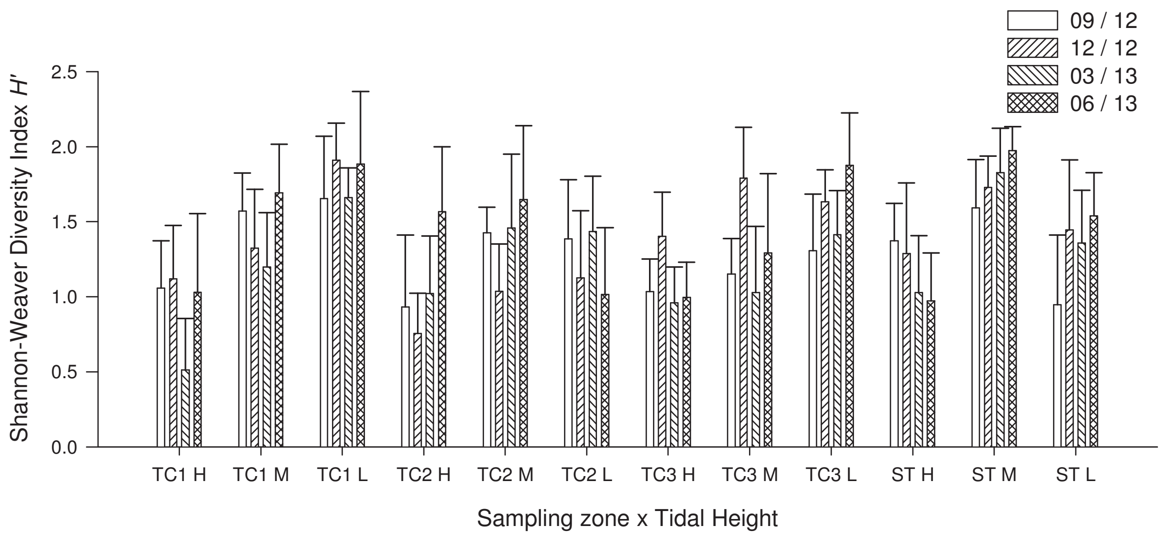
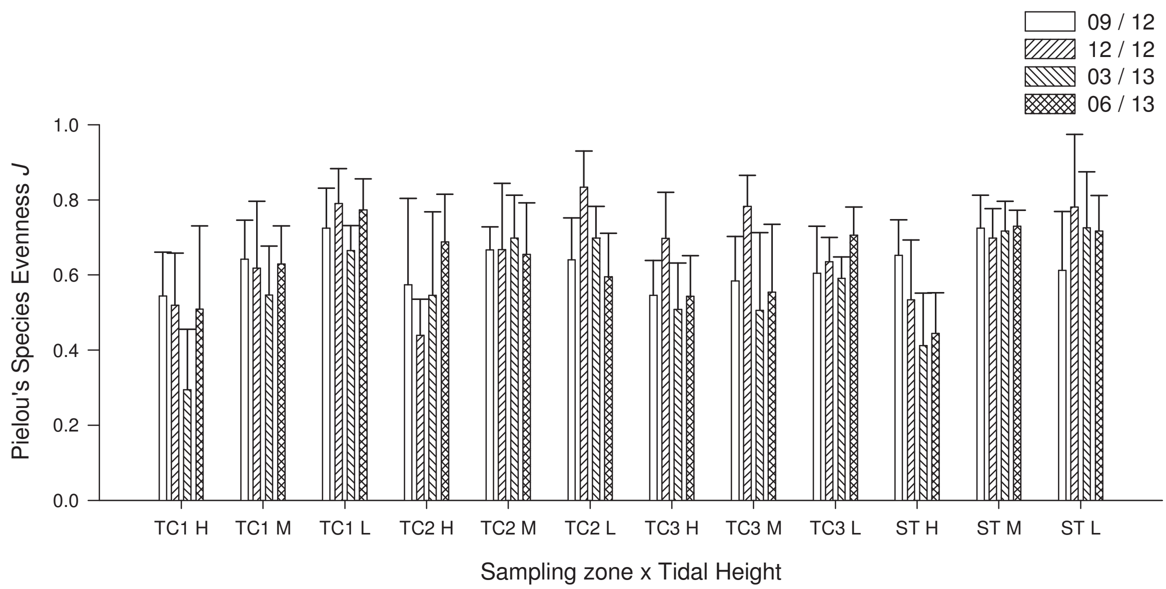
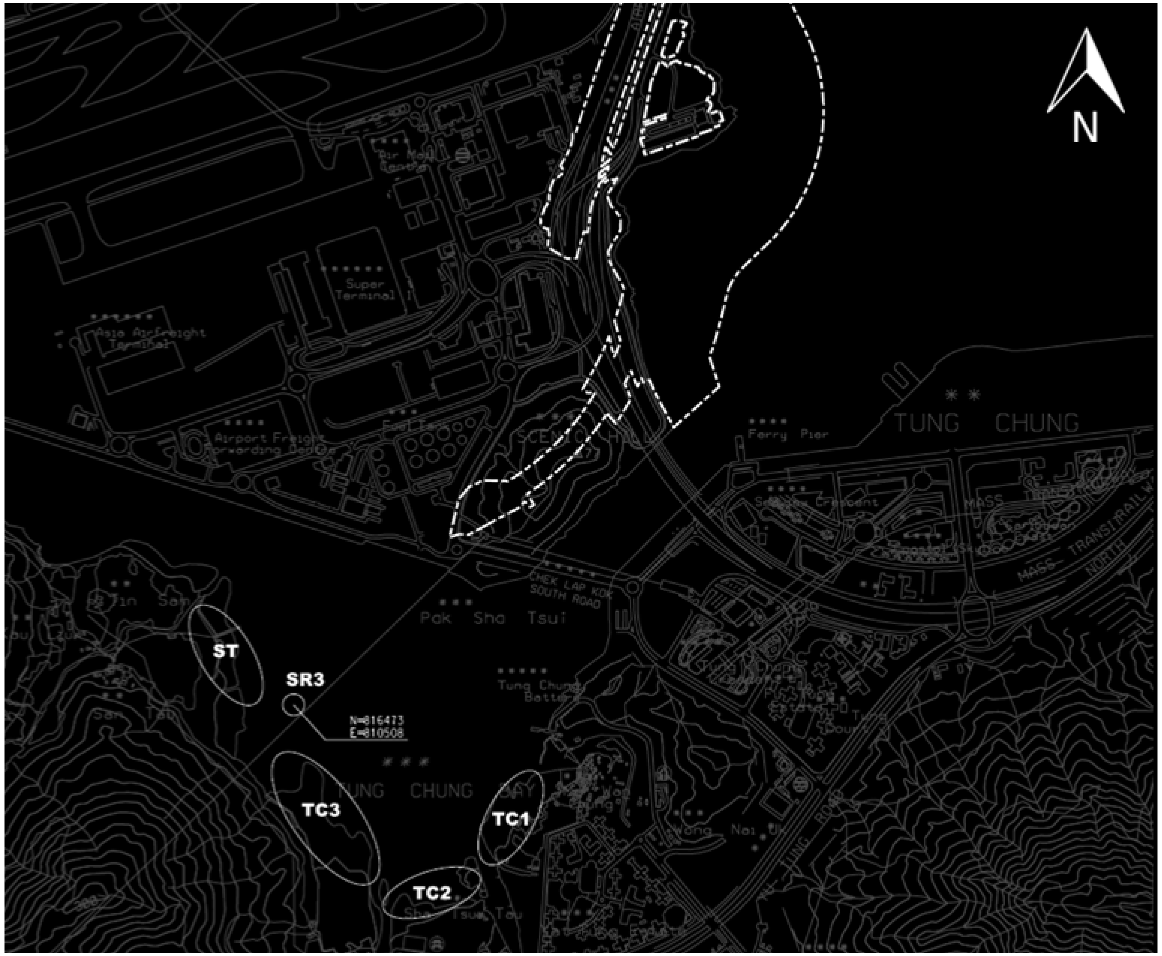


Figure 3.7 (Cont'd). *Temporal changes of number of species, density, Shannon-Weaver Diversity Index (H') and Pielou's Species Evenness (J) (mean ± SD) at every tidal level and sampling zone*





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	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	Diogenidae	*Clibanarius* sp.
Animalia	Arthropoda	Malacostraca	Decapoda	Diogenidae	*Diogenes* sp.
Animalia	Arthropoda	Malacostraca	Decapoda	Grapsidae	*Metopograpsus latifrons*
Animalia	Arthropoda	Malacostraca	Decapoda	Ocypodidae	*Macrophthalmus erato*
Animalia	Arthropoda	Malacostraca	Decapoda	Ocypodidae	*Macrophthalmus* sp.
Animalia	Arthropoda	Malacostraca	Decapoda	Ocypodidae	*Uca lactea*
Animalia	Arthropoda	Malacostraca	Decapoda	Ocypodidae	*Uca vocans*
Animalia	Arthropoda	Malacostraca	Decapoda	Paguridae	*Pagurus dubius*
Animalia	Arthropoda	Malacostraca	Decapoda	Penaeidae	*Penaeus* sp.
Animalia	Arthropoda	Malacostraca	Decapoda	Sesarmidae	*Nanosesarma minutum*
Animalia	Arthropoda	Malacostraca	Decapoda	Varunidae	*Hemigrapsus penicillatus*
Animalia	Arthropoda	Malacostraca	Decapoda	Xanthidae	*Etisus laevimanus*
Animalia	Arthropoda	Maxillopoda	Sessilia	Balanidae	*Balanus amphitrite*
Animalia	Chordata	Actinopterygii	Perciformes	Gobiidae	*Periophthalmus cantonensis*
Animalia	Cnidaria				Sea anemone spp.
Animalia	Echinodermata	Holothuroidea			Holothuroidea spp.
Animalia	Mollusca	Bivalvia	Anomalodesmata	Laternulidae	*Laternula anatina*
Animalia	Mollusca	Bivalvia	Arcoida	Arcidae	*Barbatia signata*
Animalia	Mollusca	Bivalvia	Arcoida	Arcidae	*Barbatia virescens*
Animalia	Mollusca	Bivalvia	Mytiloida	Mytilidae	*Xenostrobus atrata*
Animalia	Mollusca	Bivalvia	Ostreoida	Ostreidae	*Saccostrea cucullata*
Animalia	Mollusca	Bivalvia	Veneroida	Mesodesmatidae	*Caecella chinensis*
Animalia	Mollusca	Bivalvia	Veneroida	Veneridae	*Anomalocardia squamosa*
Animalia	Mollusca	Bivalvia	Veneroida	Veneridae	*Cyclina sinesis*

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	*Dosinia 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	Potamididae	*Cerithidea cingulata*
Animalia	Mollusca	Gastropoda	Caenogastropoda	Potamididae	*Cerithidea djadjariensis*
Animalia	Mollusca	Gastropoda	Caenogastropoda	Potamididae	*Cerithidea rhizophorarum*
Animalia	Mollusca	Gastropoda	Cephalaspidea	Philinidae	*Philine vitrea*
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	*Littoraria articulata*
Animalia	Mollusca	Gastropoda	Littorinimorpha	Littorinidae	Peasiella spp.
Animalia	Mollusca	Gastropoda	Neogastropoda	Nassariidae	*Nassarius festivus*
Animalia	Mollusca	Gastropoda	Neogastropoda	Nassariidae	*Nassarius hepaticus*
Animalia	Mollusca	Gastropoda	Neogastropoda	Nassariidae	*Nassarius* sp.
Animalia	Mollusca	Gastropoda	Systellommatophora	Onchidiidae	*Onchidium* 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.
Animalia	Mollusca	Scaphopoda	Dentaliida	Dentaliidae	*Dentalium sinuosum*
Animalia	Nemertea				Nemertea spp.
Animalia	Sipuncula	Sipunculidea	Golfingiida	Sipunculidae	*Sipunculus nudus*

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

Sep 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	*Saccostrea cucullata*	3		2		5																10
Bi	*Xenostrobus atrata*					4																4
C	*Hemigrapsus penicillatus*			4										1				1		1		7
C	*Uca lactea*			7				5		1		13		1				1				28
G	*Batillaria multiformis*	16	2	63		178		1		117		3		41		57	19	320		190		1007
G	*Batillaria zonalis*	5																				5
G	*Cerithidea cingulata*	56	1			7								5		60	1	6				136
G	*Cerithidea djadjariensis*	89		2		6				46		21		19		46	2	41		6		278
G	*Cerithidea rhizophorarum*	7				3		2		6		3		7		10	2	13				53
G	*Clithon faba*	4								1				2		1				2		10
G	*Littoraria articulata*					4																4
G	*Monodonta labio*			5		1		1		8						2				3		20
G	*Nassarius hepaticus*		1																			1
G	*Onchidium* sp.							1														1
G	*Patelloida pygmaea*					1																1
P	Ampharetidae spp.																1					1
P	Maldanidae spp.		2																			2
P	Polynoidae spp.			2																		2

Total 1570

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

Sep 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
Bi	*Barbatia signata*															1						1
Bi	*Barbatia virescens*															3						3
Bi	*Cyclina sinesis*		1																			1
Bi	*Ruditapes philippinarum*									1												1
Bi	*Saccostrea cucullata*	2				52		42		9		27		3		22		40		44		241
Bi	*Xenostrobus atrata*					10		23				15				12		5				65
C	*Hemigrapsus penicillatus*					1				1		1		1		1		3		1		9
C	*Metopograpsus latifrons*					1								1								2
C	*Nanosesarma minutum*					2		1				1				1						5
C	*Uca lactea*			2						1												3
G	*Batillaria bornii*	1																				1
G	*Batillaria multiformis*	10		1		93		69		141		51		126		100		313		111		1015
G	*Batillaria zonalis*	1		12																		13
G	*Cellana toreuma*	1				2		1				2				1						7
G	*Cerithidea cingulata*	17		15		2				17				3		5						59
G	*Cerithidea djadjariensis*	45		33		4		7		55				1		11		4		10		170
G	*Cerithidea rhizophorarum*	7		2				1		5						6				1		22
G	*Clithon faba*	1								1						5						7
G	*Littoraria articulata*							3				1		8				7		5		24

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

Sep 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	*Lunella coronata*					1																1
G	*Monodonta labio*	1				58		48		3		35		75		25		52		40		337
G	*Nassarius festivus*			1												1						2
G	*Nerita polita*					1												1				2
G	*Nipponacmea concinna*							1								2						3
G	*Patelloida pygmaea*																	1				1
Ol	Marine oligochaete spp.													2								2
P	Maldanidae spp.																			2		2
P	Oweniidae spp.																			1		1

Total 2000

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

Sep 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										3		3				2		14
Bi	*Barbatia signata*					1								5				11		1		18
Bi	*Barbatia virescens*	5		1										5		2		4		7		24
Bi	*Caecella chinensis*												1									1
Bi	*Ruditapes philippinarum*			2																		2
Bi	*Saccostrea cucullata*	15		66										13		5		30		23		152
Bi	*Xenostrobus atrata*	3		13												5		2		6		29
C	*Hemigrapsus penicillatus*	1		1												1		2				5
C	*Macrophthalmus erato*												1									1
C	*Nanosesarma minutum*																	2				2
F	*Periophthalmus cantonensis*						1			1												2
G	*Batillaria multiformis*	22		5		14	1	9		3				2		5		18				79
G	*Batillaria zonalis*	5	1	3		13	1	18		18		1										60
G	*Cellana toreuma*			3														2		3		8
G	*Cerithidea cingulata*	16	1	4		2		1		1		1		2		1						29
G	*Cerithidea djadjariensis*	65	4	22		22	1	37	1	43		18	1	13		4				13		244
G	*Cerithidea rhizophorarum*	5				1				1				2				3		1		13
G	*Clithon faba*													2								2
G	*Clithon oualaniensis*												1									1

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

Sep 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	*Euchelus scaber*																	1				1
G	*Lepidozona* sp.							1						1				3		1		6
G	*Lunella coronata*	13		11		1								6		3		9		3		46
G	*Monodonta labio*			10										15		4		30		3		62
G	*Nassarius festivus*					2				1								1				4
G	*Nassarius hepaticus*					3																3
G	*Nerita polita*	1		1												1		1				4
G	*Nipponacmea concinna*			2												1				3		6
G	*Patelloida pygmaea*															1		2				3
P	Maldanidae spp.										1											1
P	Onuphidae spp.								1													1
Sp	*Sipunculus nudus*			7														1				8
																					Total	831

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

Sep 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*			12								3										15
Bi	*Barbatia signata*							1														1
Bi	*Barbatia virescens*													1								1
Bi	*Cyclina sinesis*																	3				3
Bi	*Saccostrea cucullata*			25				3				29		24				1				82
Bi	*Xenostrobus atrata*													1								1
C	*Hemigrapsus penicillatus*											1				1						2
C	*Nanosesarma minutum*						1		1													2
C	*Uca lactea*																			12		12
F	*Periophthalmus cantonensis*		1																			1
G	*Batillaria multiformis*							13	3	52	7	10	3	11		10	5	25	3	16	4	162
G	*Batillaria zonalis*									2		1	1			1		4		11	1	21
G	*Cerithidea cingulata*	3		21	1	25	1	163	7	49		198	9	139	1	184	18	134	3	69	5	1030
G	*Cerithidea djadjariensis*	18		30	2	104	6	74	7	89	6	83	5	124	2	47	3	49	6	18	4	677
G	*Cerithidea rhizophorarum*					1						2		6		1				1		11
G	*Clithon oualaniensis*					1												1				2
G	*Littoraria articulata*											2										2
G	*Lunella coronata*							1				4		9				2				16
G	*Monodonta labio*			1				1				10		6								18

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

Sep 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
G	*Patelloida pygmaea*													1								1
Hc	*Clibanarius* sp.			1																		1
Hc	*Pagurus dubius*											1										1
Ol	Marine oligochaete spp.										1											1
P	Ampharetidae spp.								1				3									4
																				Total		2067

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

Sep 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*					2		33						1		20		1		2		59
Bi	*Barbatia signata*									1						1						2
Bi	*Barbatia virescens*			1		1		7		5		1		1		5		2				23
Bi	*Cyclina sinesis*													3				1				4
Bi	*Ruditapes philippinarum*													1			1					2
Bi	*Saccostrea cucullata*	12		43		5		38		17		7		26		16		15		2		181
Bi	*Xenostrobus atrata*	12		9						2		2		2		7						34
C	*Hemigrapsus penicillatus*			5										4				3				12
C	*Macrophthalmus erato*															1						1
C	*Metopograpsus latifrons*			1				1														2
C	*Nanosesarma minutum*			1										2		2						5
Ec	Holothuroidea spp.			3																		3
G	*Batillaria bornii*							1			1			3		1	1	1				8
G	*Batillaria multiformis*			10		1		2	2	4		4	1	10	1	6	2	14	4	6	5	72
G	*Batillaria zonalis*					1		6	2	2	1			2		1	1	8	2	4		30
G	*Cerithidea cingulata*	1		16		14	1	9		21		16	1	13		7		21		31	1	152
G	*Cerithidea djadjariensis*	1		5		74	2	44		74	1	47	1	36		27		55		87	2	456
G	*Cerithidea rhizophorarum*					1		1								1						3
G	*Euchelus scaber*													1								1

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

Sep 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		2		2		6		2		10		7		7				37
G	*Monodonta labio*	7		45				1		2		1		9		5		1		1		72
G	*Nassarius festivus*														1			1				2
G	*Nerita polita*			1						1				1						1		4
G	*Patelloida pygmaea*					1								1		1						3
Hc	*Pagurus dubius*							4						2								6
Ne	Nemertea spp.															1						1
P	Ampharetidae spp.																		2			2
P	Maldanidae spp.						1		2				1			2			1		1	8
P	Nereididae spp.			1																		1
P	Onuphidae spp.																		1			1
P	Oweniidae spp.												1							1		2
Sp	*Sipunculus nudus*										1			3				1				5
																				Total		1194

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

Sep 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*			2				27				18		1						8		56
Bi	*Anomalocardia squamosa*															1						1
Bi	*Caecella chinensis*														1		1					2
Bi	*Cyclina sinesis*															1						1
Bi	*Dosinia japonica*																1					1
Bi	*Meretrix meretrix*	1																				1
Bi	*Ruditapes philippinarum*			1																		1
Bi	*Saccostrea cucullata*			2				7				7						9		3		28
C	*Uca lactea*			8																		8
G	*Batillaria multiformis*			19	1	1		4	1	4	1	8		3						1	1	44
G	*Batillaria zonalis*	2		6		6		4		13		17	1	9		18		23		7		106
G	*Cerithidea cingulata*	46	1	10				1				1			1	2		4		5		71
G	*Cerithidea djadjariensis*	177	1	12		29		21	3	29	1	21	4	22	1	21	1	36	5	33	1	418
G	*Cerithidea rhizophorarum*											1				1		1		1		4
G	*Clithon faba*									1												1
G	*Euchelus scaber*																			1		1
G	*Lepidozona* sp.																	1				1
G	*Lunella coronata*											1						1		2		4
G	*Monodonta labio*				1																	1

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

Sep 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 festivus*														1					1		2
G	*Nassarius hepaticus*					1		2						1								4
Hc	*Diogenes* sp.	1																				1
Hc	*Pagurus dubius*																	1		1		2
Ne	Nemertea spp.																				1	1
Ol	Marine oligochaete spp.						1															1
P	Maldanidae spp.			1	2		3		2				4		7		1					20
P	Onuphidae spp.		1				1						2		2		3		1		4	14
P	Oweniidae spp.			1	1				1													3
Sp	*Sipunculus nudus*																		1			1
																					Total	799

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

Sep 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	*Cyclina sinesis*					1				1		2		1				1		1		7
Bi	*Dosinia japonica*				1								4									5
Bi	*Laternula anatina*												1									1
Bi	*Saccostrea cucullata*							7										2				9
C	*Macrophthalmus* sp.																	1				1
C	*Nanosesarma minutum*																			1		1
G	*Batillaria multiformis*	96	2	37	7	10	1	22	3	754	2	39	11	66		2		15		245	3	1315
G	*Batillaria zonalis*							1														1
G	*Cerithidea cingulata*	90	1	56	2	15		104	5	31		96		41		17		32		23	1	514
G	*Cerithidea djadjariensis*	80		69	2	156		102	5	52		16		50		92		64		86		774
G	*Cerithidea rhizophorarum*	5				5	1	5	1	1		4		4		5		9		10		50
G	*Clithon faba*	1		1																		2
G	*Clithon oualaniensis*	2						1						1								4
G	*Lunella coronata*							1														1
G	*Monodonta labio*	1								1												2
G	*Nassarius festivus*					1																1
P	Ampharetidae spp.								1				1				2					4

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

Sep 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.						2						5				1					8
P	Onuphidae spp.																		1			1
																					Total	2701

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

Sep 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*			1				1														2
Bi	*Cyclina sinesis*					1	1			1												3
Bi	*Dosinia japonica*														1							1
Bi	*Ruditapes philippinarum*					1				1												2
Bi	*Saccostrea cucullata*			1		10		7												2		20
C	*Hemigrapsus penicillatus*					1																1
C	*Nanosesarma minutum*							1								1						2
C	*Uca lactea*																	2		1		3
C	*Uca vocans*					1																1
F	*Periophthalmus cantonensis*															1						1
G	*Batillaria bornii*					1																1
G	*Batillaria multiformis*	49	2	191	6	304	10	407		133	1	29	6	11	1			377	15	585	16	2143
G	*Batillaria zonalis*	20		7	2	2	2	5		3		18		16				1		1		77
G	*Cerithidea cingulata*	36		59	4	93	2	114		57	3	14		4		9	1	48	1	31	2	478
G	*Cerithidea djadjariensis*	59		50		52		74		93	1	78		39		63	1	49		50	2	611
G	*Cerithidea rhizophorarum*			2		4		2		2		3		2		2		3		3		23
G	*Clithon faba*	2		1		2		2												1		8
G	*Clithon oualaniensis*	1		1														1		1		4
G	*Littoraria articulata*					1																1

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

Sep 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	*Lunella coronata*					3		3														6
G	*Monodonta labio*					1	1											1				3
G	*Nassarius festivus*	1		1	1	1		6				2								2		14
G	*Nassarius hepaticus*											2		2		1						5
Hc	*Pagurus dubius*							1														1
P	Ampharetidae spp.				1																	1
P	Maldanidae spp.		2										2		4	1	5					14
P	Nereididae spp.										1											1
P	Oweniidae spp.																1					1
																					Total	3428

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

Sep 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
Ba	*Balanus amphitrite*					3																3
Bi	*Barbatia signata*	7		12		17				1												37
Bi	*Barbatia virescens*	8		6						1				2								17
Bi	*Saccostrea cucullata*	71		78		9				74		48		27		50		35		4		396
Bi	*Xenostrobus atrata*	5		10		6				3		16		3		9		5				57
C	*Etisus laevimanus*									2												2
C	*Hemigrapsus penicillatus*	1				5								4		3		2		5		20
C	*Metopograpsus latifrons*											1		1		1						3
C	*Nanosesarma minutum*	2				1				5												8
Ec	Holothuroidea spp.											1		2				2		1		6
G	*Batillaria multiformis*	10		2						11		31		29		23		76		46		228
G	*Batillaria zonalis*																	2				2
G	*Cellana toreuma*	1		14												1						16
G	*Cerithidea cingulata*					1										1		8		1		11
G	*Cerithidea djadjariensis*	1				4				1		1				2		21		8		38
G	*Cerithidea rhizophorarum*															1		11		4		16
G	*Euchelus scaber*					2																2
G	*Lepidozona* sp.					1																1
G	*Littoraria articulata*									2		1		8		1		4		1		17

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

Sep 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*	18		16		16				7		3						3		5		68
G	*Monodonta labio*	95		30		4				91		80		50		63		63		15		491
G	*Nerita polita*	3		2		1				8						2		2				18
G	*Patelloida pygmaea*			2		4												3				9
Hc	*Clibanarius* sp.									1												1
P	Polynoidae spp.					1				1										1		3
Sp	*Sipunculus nudus*	2		1		3																6
																					Total	1476

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

Sep 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
Bi	*Barbatia signata*							1						2		1						4
Bi	*Barbatia virescens*															2		1				3
Bi	*Ruditapes philippinarum*																			1		1
Bi	*Saccostrea cucullata*	21		15		4		5		6		13		25		21		8		18		136
Bi	*Xenostrobus atrata*			1				1		3				2		4		2				13
C	*Hemigrapsus penicillatus*	2		2		6		1		3				8								22
C	*Macrophthalmus erato*											1										1
C	*Metopograpsus latifrons*											1										1
C	*Nanosesarma minutum*	2				3				1												6
Cn	Sea anemone spp.									1				1		1						3
G	*Batillaria bornii*	1		1		3				4										2		11
G	*Batillaria multiformis*	130		39		186		95		23		28		94		5		143		79		822
G	*Batillaria zonalis*	3		1																		4
G	*Cellana toreuma*									1				3						1		5
G	*Cerithidea cingulata*	16		16						1		2				6		1		7		49
G	*Cerithidea djadjariensis*	10		3		2				31		1				7		14		15		83
G	*Cerithidea rhizophorarum*	3						1								2		2		6		14
G	*Clithon faba*	1		2				3												5		11
G	*Lepidozona* sp.	1				2								5		2				1		11

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

Sep 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
G	*Lunella coronata*			1						1		5		2		4		4		5		22
G	*Monodonta labio*	24		9		66		7		28		12		114		2		1		6		269
G	*Nerita polita*											1		1		1				1		4
G	*Nipponacmea concinna*															2						2
G	*Patelloida pygmaea*					1								1								2
G	*Philine vitrea*			1																		1
Hc	*Clibanarius* sp.																			1		1
Ne	Nemertea spp.			1																		1
P	Maldanidae spp.									2												2
S	*Penaeus* sp.							1														1
																				Total		1506

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

Sep 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*									2		1		4								7
Bi	*Barbatia virescens*							2		3		1		1		2		1		3		13
Bi	*Dosinia japonica*		2		2						1		1									6
Bi	*Ruditapes philippinarum*					1								1						1		3
Bi	*Saccostrea cucullata*	44		15		20		22		13		37		22		13		9		24		219
Bi	*Xenostrobus atrata*	9		2		1				4				1						5		22
C	*Hemigrapsus penicillatus*	3				3		1		1				4		1		2				15
C	*Metopograpsus latifrons*					1																1
C	*Nanosesarma minutum*					4										1						5
Cn	Sea anemone spp.															1						1
F	*Periophthalmus cantonensis*	1																				1
G	*Batillaria bornii*	3	1	1	1			1		3	1	1	4	1								17
G	*Batillaria multiformis*	36		14	1	17		32		1		1		18		8		6		10		144
G	*Batillaria zonalis*	3	1	18	3																	25
G	*Cellana grata*													1								1
G	*Cellana toreuma*	4				1												2				7
G	*Cerithidea cingulata*	20		24	1	31		29		11	1	1	3	5		7		3		8		144
G	*Cerithidea djadjariensis*	25		81	2	5		1		36	1	18	5	18		5		1		22		220

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

Sep 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	*Cerithidea rhizophorarum*	6		16		9		5		11	1	2		2		1				4		57
G	*Chlorostoma argyrostoma*													1								1
G	*Clithon faba*							1														1
G	*Clithon oualaniensis*		1																			1
G	*Euchelus scaber*									1				2				4				7
G	*Lepidozona* sp.			1										1		1						3
G	*Lunella coronata*	9		9		9		4		5		10		22		20		37		16		141
G	*Monodonta labio*	33		4		10		1				1		15		7		9		5		85
G	*Nassarius festivus*									2												2
G	*Nassarius* sp.											1		1								2
G	*Nerita polita*	4				3						1				1				1		10
G	*Patelloida pygmaea*	3				4																7
Hc	*Pagurus dubius*	13		3		4				2		1		4						1		28
Ol	Marine oligochaete spp.																	1				1
P	Glyceridae spp.				1															1		2
P	Maldanidae spp.													1								1
P	Onuphidae spp.																	1				1
Sp	*Sipunculus nudus*			1								6		2						1		10

Total 1213

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

Sep 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*			23						1												24
Bi	*Barbatia signata*	1																3				4
Bi	*Barbatia virescens*	4		2																		6
Bi	*Caecella chinensis*												1									1
Bi	*Dosinia japonica*								1						1						1	3
Bi	*Saccostrea cucullata*	12		20						12								2				46
Bi	*Xenostrobus atrata*	2		2						5								1				10
C	*Hemigrapsus penicillatus*										1											1
C	*Nanosesarma minutum*			1						1												2
G	*Batillaria bornii*	6													1							7
G	*Batillaria multiformis*	5		8				3		4		2	1							4		27
G	*Batillaria zonalis*	12		14		4		22		2		4		1						1		60
G	*Cerithidea cingulata*	9										8		5				3		1	2	28
G	*Cerithidea djadjariensis*	49		14						21	1	40	2	16	2	11	1	31		47	3	238
G	*Cerithidea rhizophorarum*	7		1								1		1		2						12
G	*Chlorostoma argyrostoma*	1																				1
G	*Dentalium sinuosum*																			1		1
G	*Euchelus scaber*	1																3				4
G	*Lepidozona* sp.	1		1																		2

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

Sep 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	*Lunella coronata*	23		17						1						1		7				49
G	*Nassarius festivus*									1	1				1							3
G	*Nassarius* sp.																	1				1
G	*Nipponacmea concinna*			1																		1
G	*Patelloida pygmaea*	1																				1
G	Peasiella spp.	1																				1
P	Glyceridae spp.	2																				2
P	Maldanidae spp.																				1	1
P	Onuphidae spp.								2							1					1	4
S	*Penaeus* sp.																				1	1
Sp	*Sipunculus nudus*			1						2												3
																					Total	544

APPENDIX J

Waste Flow Table

MONTHLY SUMMARY WASTE FLOW TABLE

Name of Department: HyD

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	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Nov	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Dec	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Sub- total	27.031	0.000	27.031	0.000	0.000	80.605	0.000	0.000	0.000	1.600	0.800
Total	73.454	0.000	73.450	0.000	0.004	109.810	0.000	0.243	0.000	2.108	1.638

Forecast of Total Quantities of C&D Materials to be Generated from the Contract*

Total Quantity Generated	Hard Rock and Large Broken Concrete	Reused in the Contract	Reused in Other Projects	Disposed as Public Fill	Imported Fill	Metals	Paper / Cardboard Packaging	Plastics (see Note 3)	Chemical Waste	Others, e.g. general refuse
(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)
245.878	67.628	40.593	30.000	175.285	0.000	10.000	4.500	0.500	2.500	0.300

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
(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.	Date	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	–

Complaint Register

Complaint No.	Date	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 25-Nov-12	13:42 hrs. 13:49 hrs 22:02 hrs. 22:08 hrs.	EPD (cc to HyD) EPD (cc to HyD)	Environmental (Air quality and Noise)	The noise is coming for the following sources: - power generator - engines from the barges used for marine operation - noise from the cranes use of the construction barges. - engine from the boat used to transport staff in and out - boats blowing their horn late in the evening and at night Gas emissions: - power generators - marine operation The complainant file again a complaint against the strong exhaust pipe emission flowing towards le Bleu Deux estate this afternoon 24/11/10 at 13:47. I can assure you that is it not "not that bad" whatever that means for you. And again strong noise of metallic parts being thrown on the ground. *I thought you have already sorted out that problem according to your multiple replies to my complaints since July???"* A pictures taken this morning (25/11/12) around 9:30am-10am showing the water pollution in different area outside the floating barriers. At 21:56 hrs., boat used by the Highway Department against blew their horn repetitively at close proximity from the residential estate.	WA6 Portion X			
COM-2012-012(1)	13-Nov-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	

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.	Date	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	-

Complaint Register

Complaint No.	Date	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 whether the owners of the vessels could present engine oil disposal records for the vessels which supported the HZMB project.	Portion X	The vessels belong to HY/2011/03 shown in the photographs were on 1 May, 5 May and 12 May 2013. ETL of HY/2011/03 carried out the investigation and reported the following findings: After checking with frontline staff of the Contractor, these identified vessels were anchored to buoys and were not in operation on 1 and 12 May 2013 (public holidays). In addition, there were no reports of oil spill during the aforementioned dates. The vessel on the left hand side of the red circle of the photo which was taken by the complainant on 5 May 2013 belongs to Contract No. HY/2011/03. However, there was no oil spill recorded on 5 May 2013 and there was no oil slick visible on the surface of the seawater next to the vessel. During our weekly site inspections undertaken in April and May 2013, the contractor's vessels were in good condition and there were no oil slicks visible on the surface of the seawater next to vessels. Should there be waste oil generated from the vessels, they will be subsequently collected by licensed chemical waste collector. 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 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	According to the site dairy provided by the Contractor, no construction work was carried out at the construction site near the site office (Work area WA6) on 1 May 2013. Therefore, it is considered that the noise complaint was not project related. As the complaint is not due to the project works, no mitigation measure/actions are considered necessary. However, 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	According to the site dairy provided by the Contractor, no works were carried out by barge near seawall at the works area near the site office (Work area WA6) from 08:00 to 12:00 hrs of 18 May 2013. Therefore, it is considered that the noise complaint was not project related. As the complaint is not due to the project works, no mitigation measure/actions are considered necessary. However, 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	According to the site dairy provided by the Contractor, electric circular saw was used to cut plastic tubes for maintenance work at the works area near the site office (Work area WA6) from 09:45 to 10:15 hrs of 29 June 2013. A site inspection was undertaken on 2 July 2013, no construction works was undertaken at work area near the site office (Work area WA6). No significant noise was generated from the site. As the electric circular saw was used for maintenance work and there was no significant noise generated from the site, the complaint was considered invalid. 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	According to the site dairy of 13 September 2013 provided by the Contractor, a hopper barge was towed by a tug boat at Zone 3A from 22:05 to 22:15 hrs and a derrick barge and a hopper barge were used for fill material transfer within Zone 3A from 22:20 to 22:40 hrs of 13 September 2013. The Contractor confirmed that the works were undertaken in compliance with Construction Noise Permit (CNP) No. GW-RS0939-13. According to the site dairy of 14 September 2013 provided by the Contractor, a pelican barge arrived and moored in the open sea outside the site boundary near the northern reclamation area about 02:30 hrs. No works were undertaken thereafter. Therefore, no noise was generated from the pelican barge. The complaint was considered invalid. 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	–

Complaint Register

Complaint No.	Date	Time	Source	Category	Complaint Details	Location	Improvement Measures Taken	Status	Remarks
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	According to the site diary provided by the Contractor, tree transplanting activities were carried out from 01:15 hrs to 04:55 hrs on 14 September 2013 at Airport Road (Zone A in the location plan). Road closure works started from 01:15 hrs. Excavation works for transplanted tree and lifting the tree to lorry were completed at 04:00 hrs. Then, the tree was transported to Kwo Lo Wan Road. From 04:20 hrs to 05:15 hrs on 14 September 2013, the tree was unloaded and erected at the recipient site (Kwo Lo Wan Road – Zone B in the location plan). Powered mechanical equipment including crane lorry, lorry with flashing directional sign, truck mounted attenuator, hand-held chain saw, mini excavator were operated under normal condition during tree transplant activities. The Contractor confirmed that the works were undertaken in compliance with Construction Noise Permit (CNP) No. GW-RS0890-13. 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	–

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	**15.03.2013**	**WA 3**	**Unloading of TTA material and wastewater treatment**	**CNP issued on 28.03.2013 (Valid)**	**GW-RS0319-13**	**28.03.2013 19:00**	**27.09.2013 07:00**
2	**19.04.2013**	**Portion X**	**Marine Works**	**CNP issued on 30.04.2013 (Valid)**	**GW-RS0461-13**	**30.04.2013 23:00**	**29.10.2013 07:00**
3	**20.05.2013**	**WA4**	**Loading of plants and fill materials**	**CNP was issued on05.06.2013 (Valid)**	**GW-RW0366-13**	**05.06.2013 1900**	**03.12.2013 2300**
4	**14.06.2013**	**Airport Road**	**TTA Works (July)**	**CNP issued on 27.06.2013 (valid)**	**GW-RS0704-13**	**28.06.2013 00:00**	**21.09.2013 0500**
5	**19.06.2013**	**Kwo Lo Wan**	**Lighting / wastewater treatment**	**CNP issued on 12.07.2013 (Valid)**	**GW-RS0733-13**	**14.07.2013 2300**	**03.12.2013 0700**
6	**19.06.2013**	**Kwo Lo Wan**	**Pile Pilling**	**CNP issued on 03.07.2013 (valid)**	**GW-RS0731-13**	**14.07.2013 1900**	**03.12.2013 2300**
7	**24.06.2013**	**West Portal**	**Soil Nail / Site Formation**	**CNP issued on 08.07.2013**	**GW-RS0752-13**	**10.07.2013 19:00**	**09.12.2013 23:00**

Item No.	Date Application Submitted	Works Area Applied	Description	Status	CNP No.	Validity of CNP	
						From	To
8	27.06.2013	WA6 office	Emergency Lighting	CNP issued on 11.07.2013	GW-RS0769-13	12.07.2013 19:00	11.01.2014 23:00
9	08.07.2013	Airport Road	Pile pilling (N13)	CNP issued on 25.07.2013	GW-RS0834-13	04.08.2013 19:00	03.02.2014 2300
10	08.07.2013	Airport Road	Lighting/ wastewater treatment	CNP issued on25.07.2013	GW-RS0836-13	13.08.2013 23:00	12.02.2014 0700
11	24.07.2013	Airport Road (Transplant of tree)	Transplant of trees	CNP issued on 09.08.2013 (Valid)	GW-RS0890-13	20.08.2013 00:00	28.09.2013 07:00
12	02.08.2013	Portion X (revised)	Marine Works	CNP issued on 23.08.2013 (Valid)	GW-RS0939-13	24.08.2013 00:00	18.02.2013 2300
13	02.08.2013	Portion X (Revised	Marine Works	CNP application rejected on 15.08.2013	N/A	2300	0700
14	30.08.2013	WA3 (renewal)	Stockpiling and wastewater treatment	CNP issued on 13.09.2013 (Valid)	GW-RS1012-13	28.09.2013 19:00	18.11.2013 0700
15	04.09.2013	Kwo Lo Wan	Trial for jet grouting	CNP issued on 17.09.2013 (Valid)	GW-RS-1024-13	18.09.2013 00:00	18.11.2013 0700
16	13.09.2013	West Portal	Canopy/ grouting works	CNP issued on 27.09.2013	GW-RS1076-13	27.09.2013 19:00	26.03.2014 2400
17	27.09.2013	Portion X	Marine works	CNP applied on 27.09.2013 and pending for approval	N/A	N/A	N/A

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.: 149

Date of Notification: 19 September 2013

Works Inspected: Data collected from water sampling works on 6 September 2013 and the test report was issued on 13 September 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: 3.35 x 120% = **4.0** mg/L for mid ebb) AND CS(Mf)5: 4.40 x 120% = **5.3** 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: 3.35 x 130% = **4.4 mg**/L for mid ebb) AND CS(Mf)5: 4.40 x 130% = **5.7** mg/L for mid flood)	4.6	**24.4**

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 September 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. Geotextile laying activity at Zone 1 and filling activities at Zone 3A and Zone 2 were carried within silt curtain as recommended in the EIA Report.
2. The ranges of suspended solid at station 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

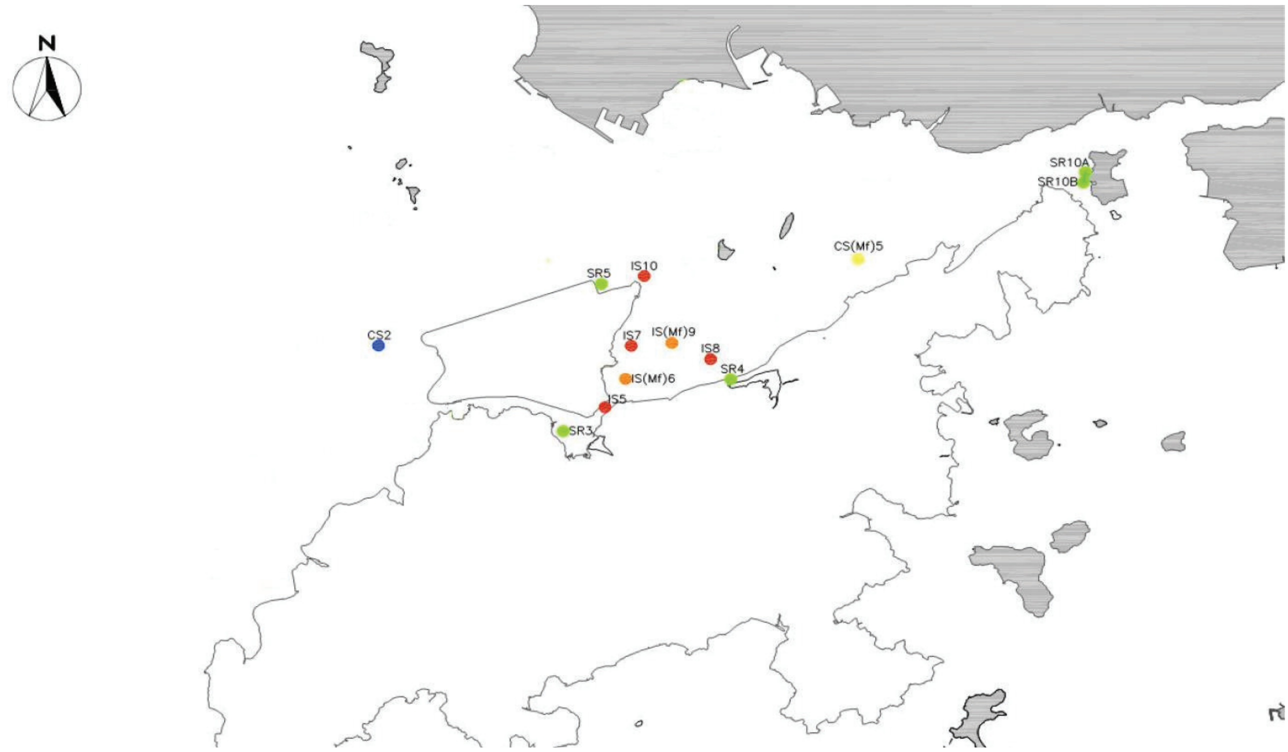
   The measured value at station IS(Mf)9 was within the range of suspended solid during baseline monitoring for mid-flood tide.
3. There were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.
4. No leakage of turbid water or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

As such, the suspended solid 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 : 19 September 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.: 150 (ver1)

Date of Notification: 4 October 2013

Works Inspected: Data collected from water sampling works on 16 September 2013 and the test report was issued on 23 September 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: 4.58 x 120% = **5.5** mg/L for mid ebb) AND CS(Mf)5: 6.70 x 120% = **8.0** 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: 4.58 x 130% = **6.0 mg**/L for mid ebb) AND CS(Mf)5: 6.70 x 130% = **8.7**mg/L for mid flood)	***24.9***	12.5

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

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

1. Geotextile laying activity and filling works at Zone 1, stone column installation and filling works at Zone 2 and stone column installation at Zone 3A were carried within silt curtain as recommended in the EIA Report.
2. The ranges of suspended solid at station 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

   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.

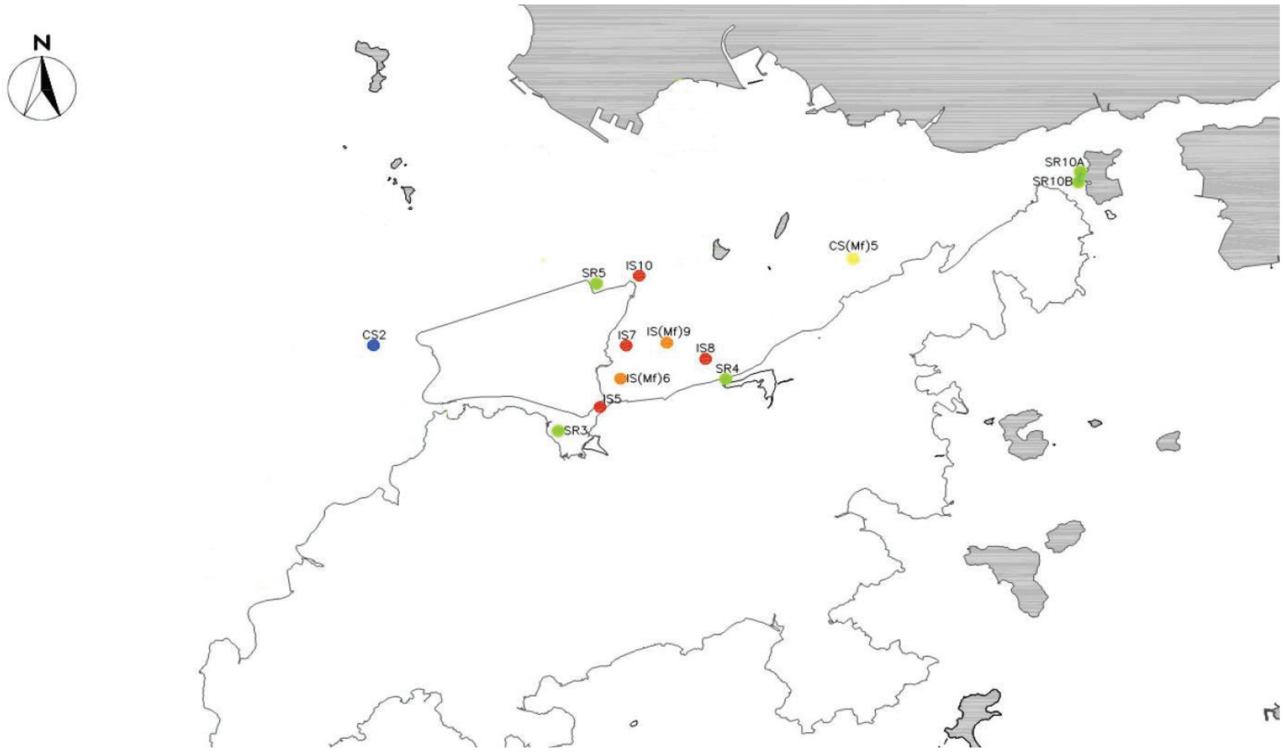
3. No leakage of turbid water or any abnormity or malpractice was observed during the sampling exercise.

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	:	4 October 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.: 151

Date of Notification: 4 October 2013

Works Inspected: Data collected from water sampling works on 18 September 2013 and the test report was issued on 26 September 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	SR4	DA	**23.5** and 120% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 6.08 x 120% = **7.3** mg/L for mid ebb) AND CS(Mf)5: 6.92 x 120% = **8.3** 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: 6.08 x 130% = **7.9 mg**/L for mid ebb) AND CS(Mf)5: 6.92 x 130% = **9.0** mg/L for mid flood)	7.8	***23.8***

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 18 September 2013, an AL exceedance at station SR4 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. Stone column installation and filling works at Zone 2 and filling works at Zone 3B were carried within silt curtain as recommended in the EIA Report.
2. The ranges of suspended solid at station SR4 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		
SR4	5.3	to	20	5.6	to	24.5

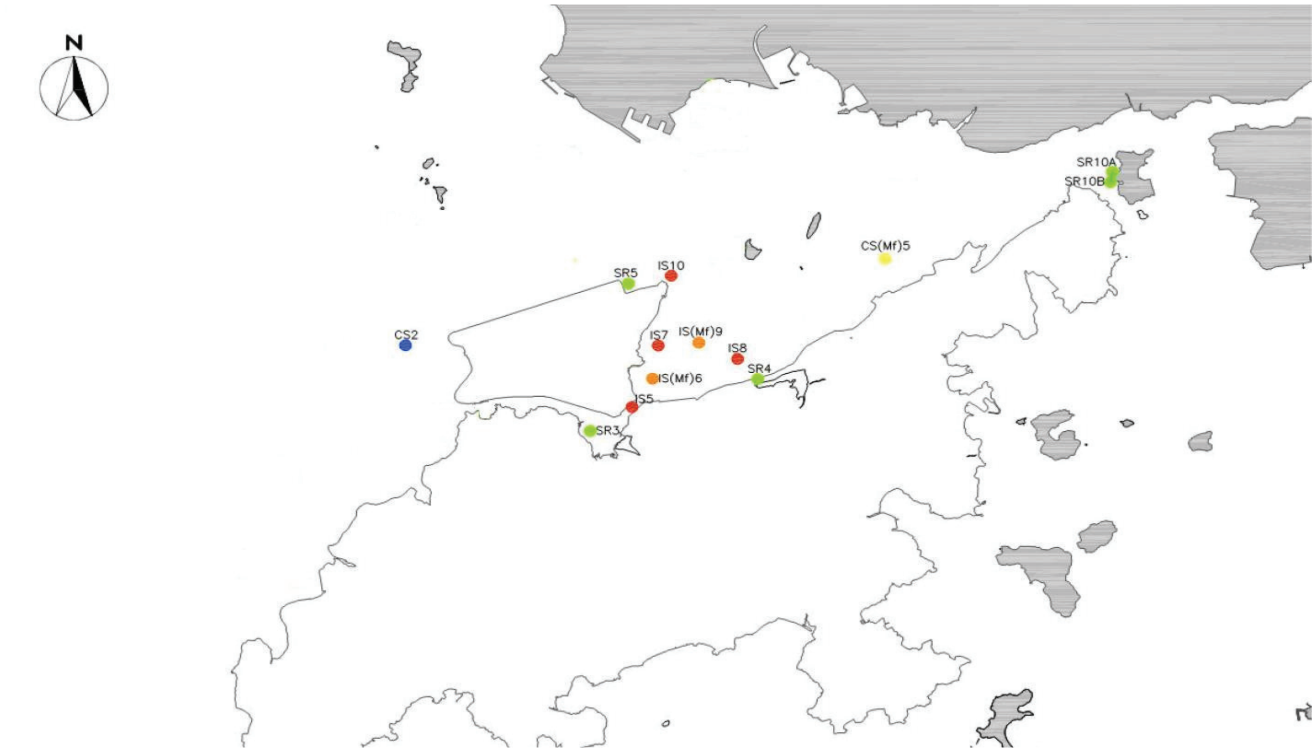
   The measured value at station SR4 was within the range of suspended solid during baseline monitoring for mid-flood tide.
3. There were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.
4. No leakage of turbid water or any abnormity or malpractice was observed during the sampling exercise.

As such, the suspended solid 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:

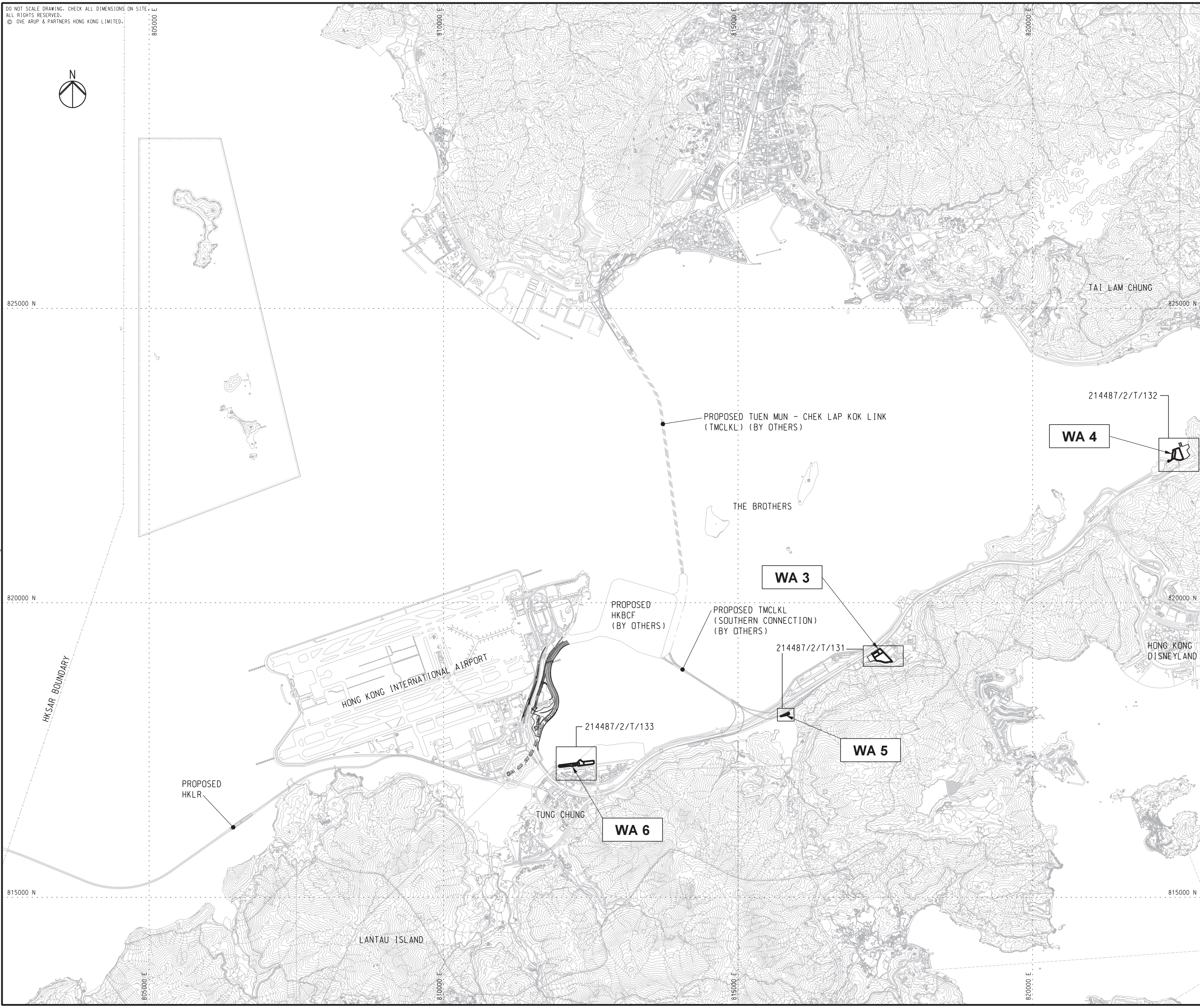


Reviewed by	: Claudine Lee	Title	: ET Leader
		Date	: 4 October 2013

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

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	

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Printed by : 13/2/2012
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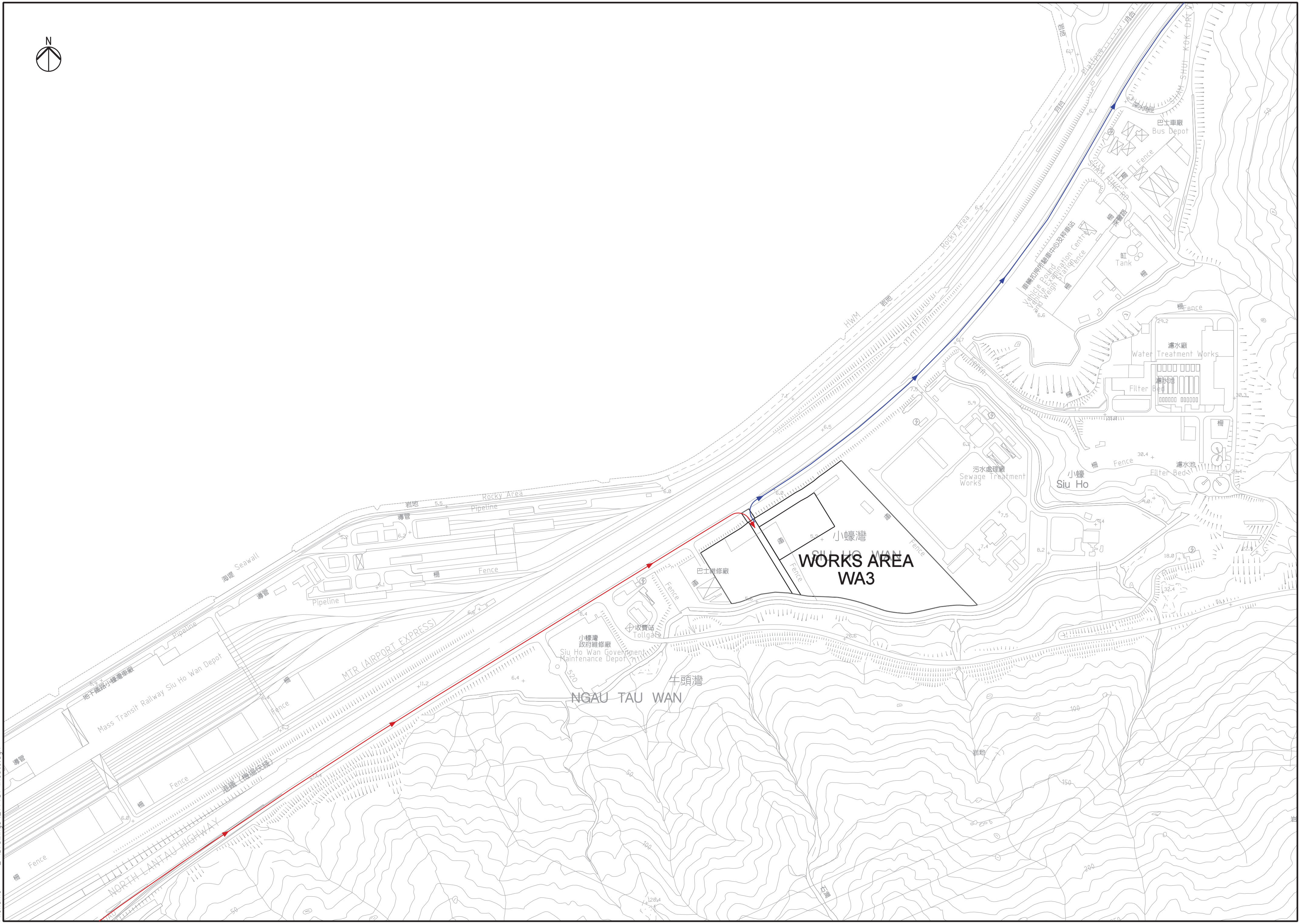

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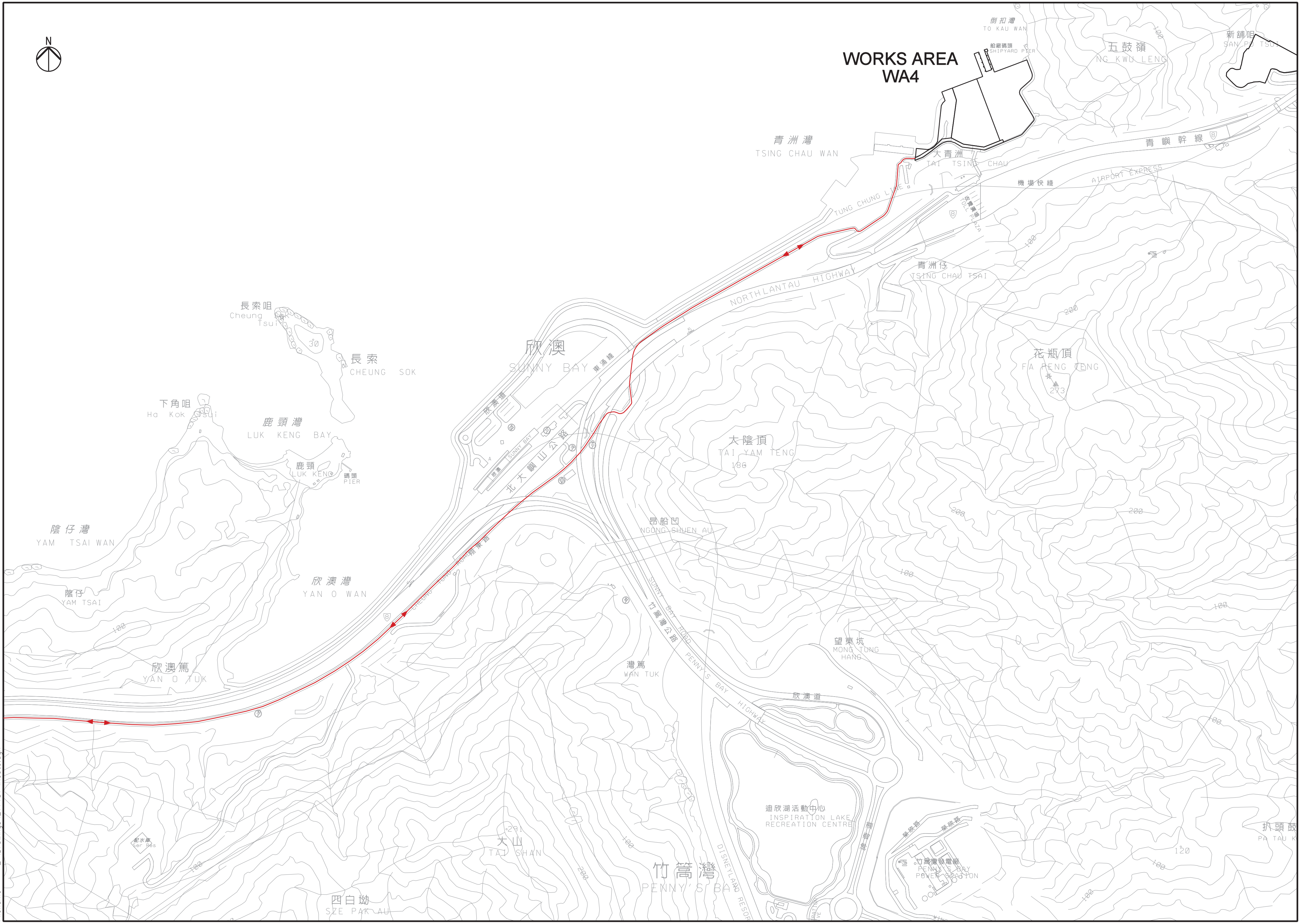

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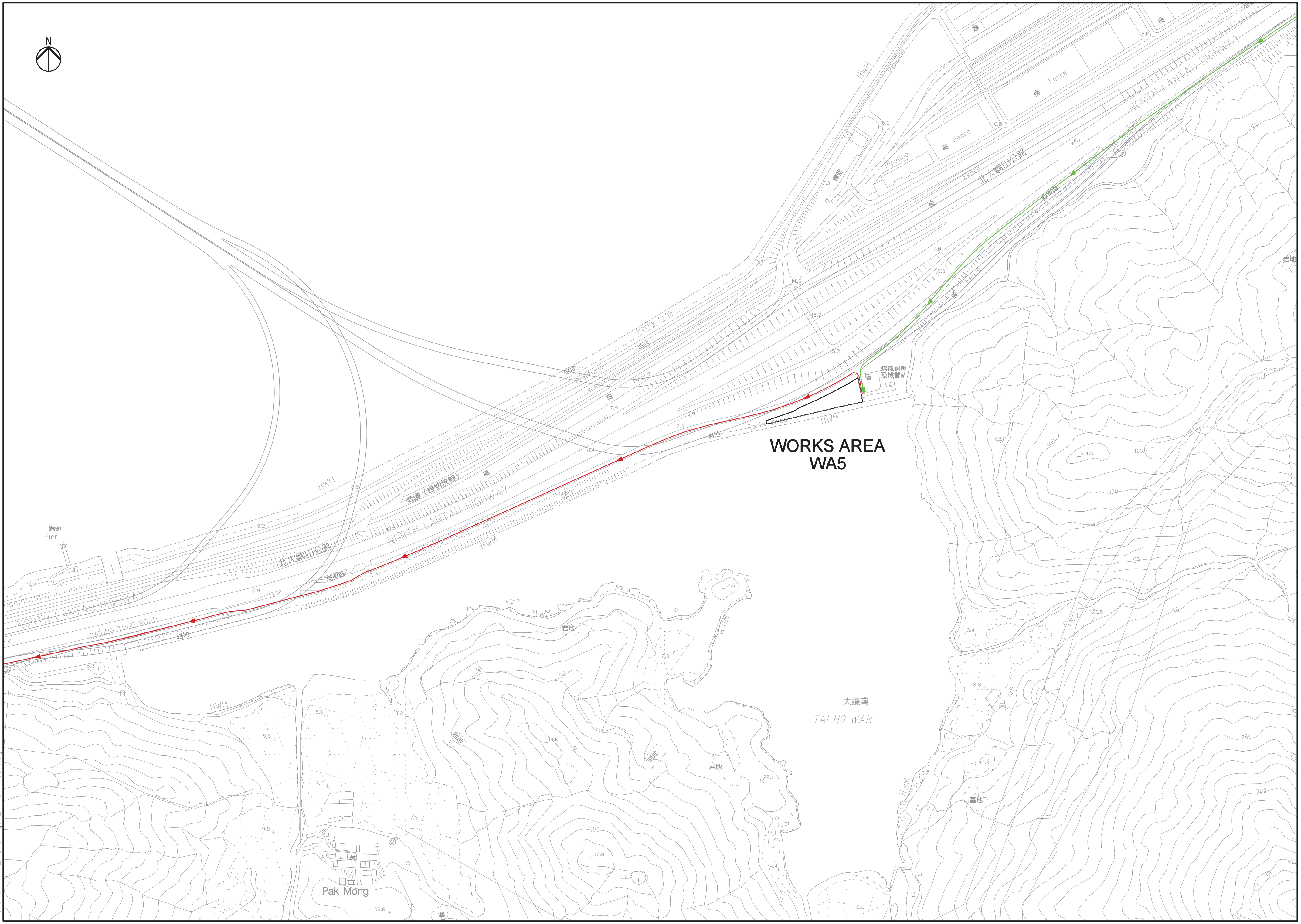

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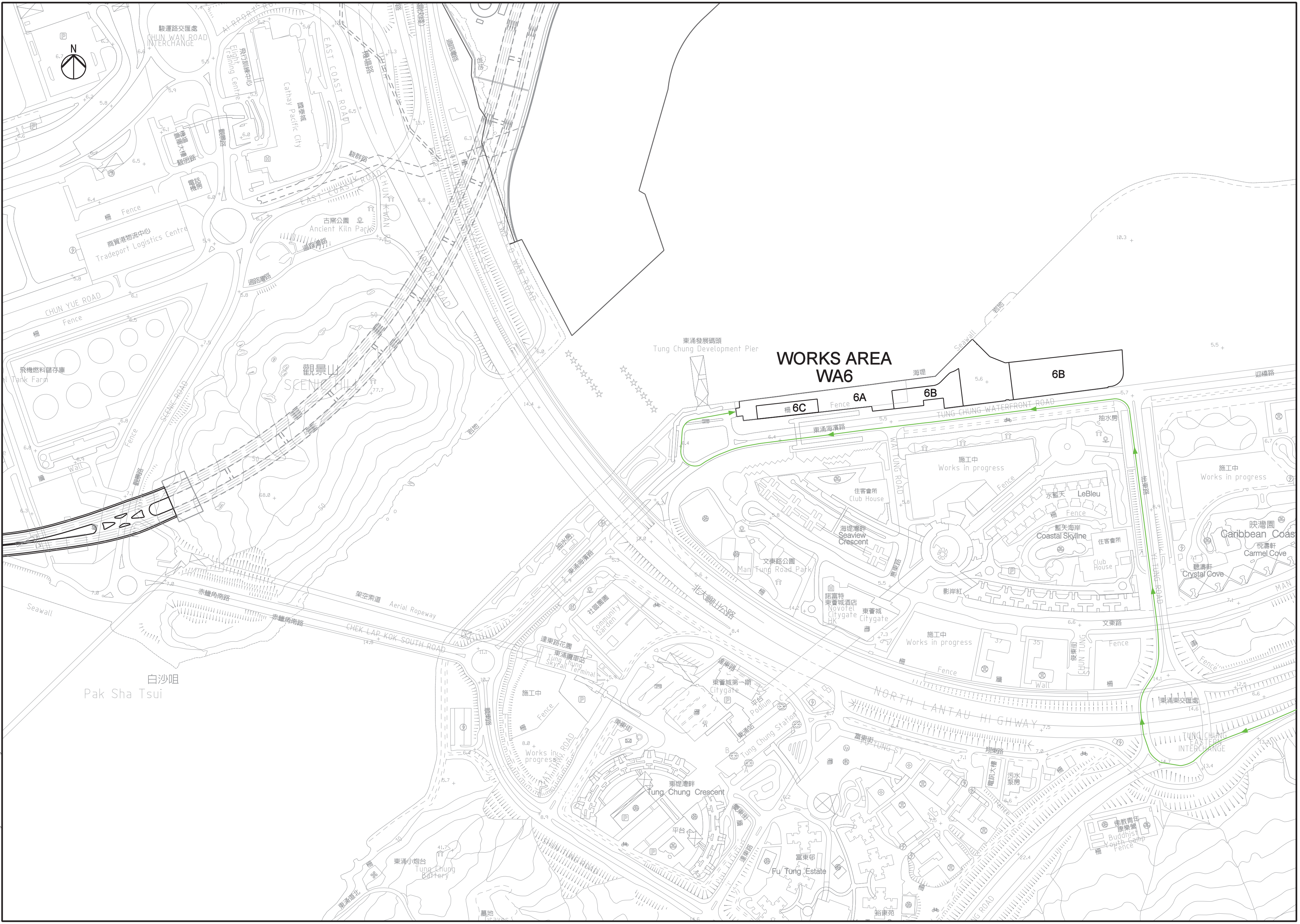

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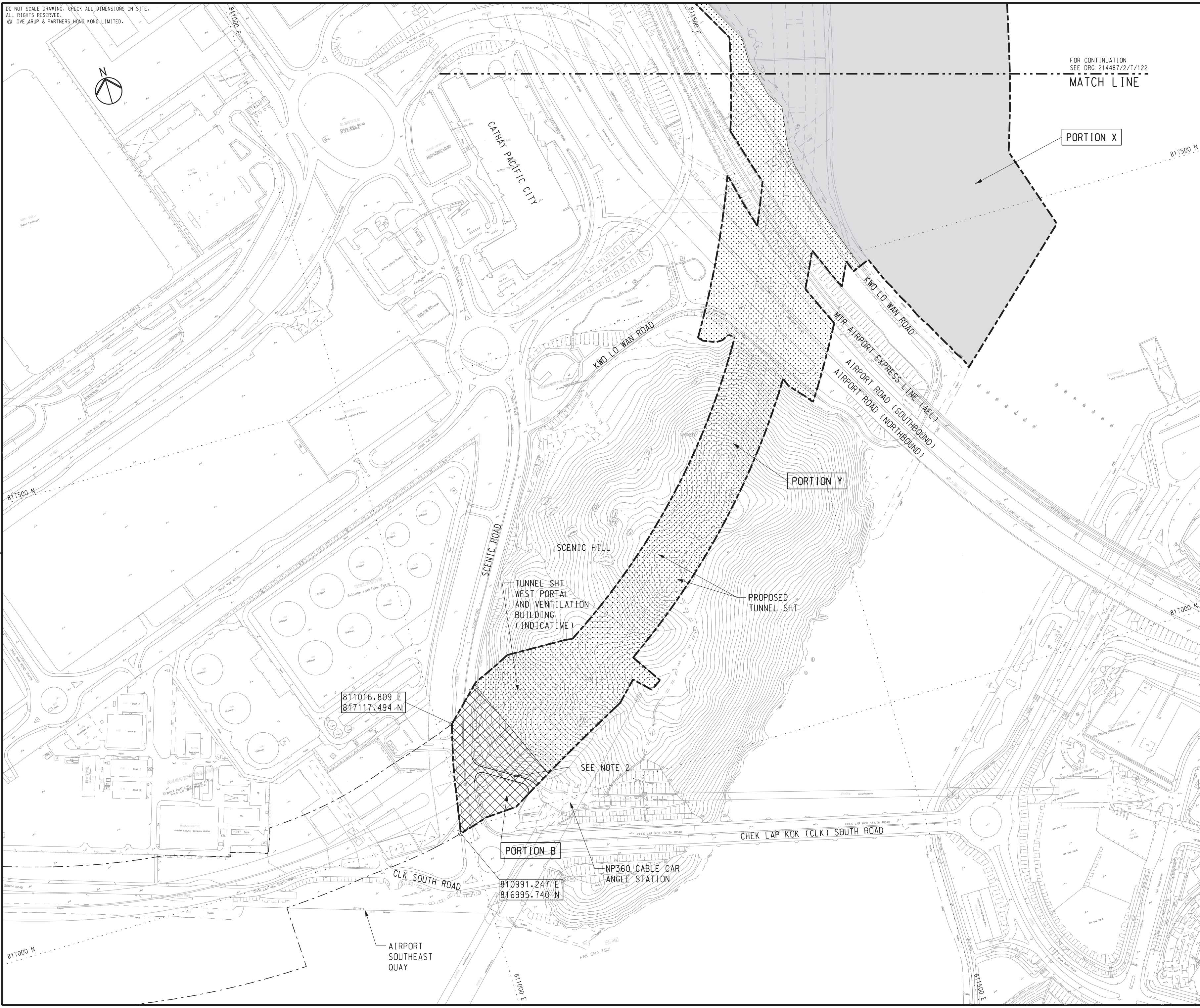
Filename : Z:\Drawings\214487\Route.dgn

DO NOT SCALE DRAWING. CHECK ALL DIMENSIONS ON SITE.



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	

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HIGHWAYS DEPARTMENT
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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_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 -
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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

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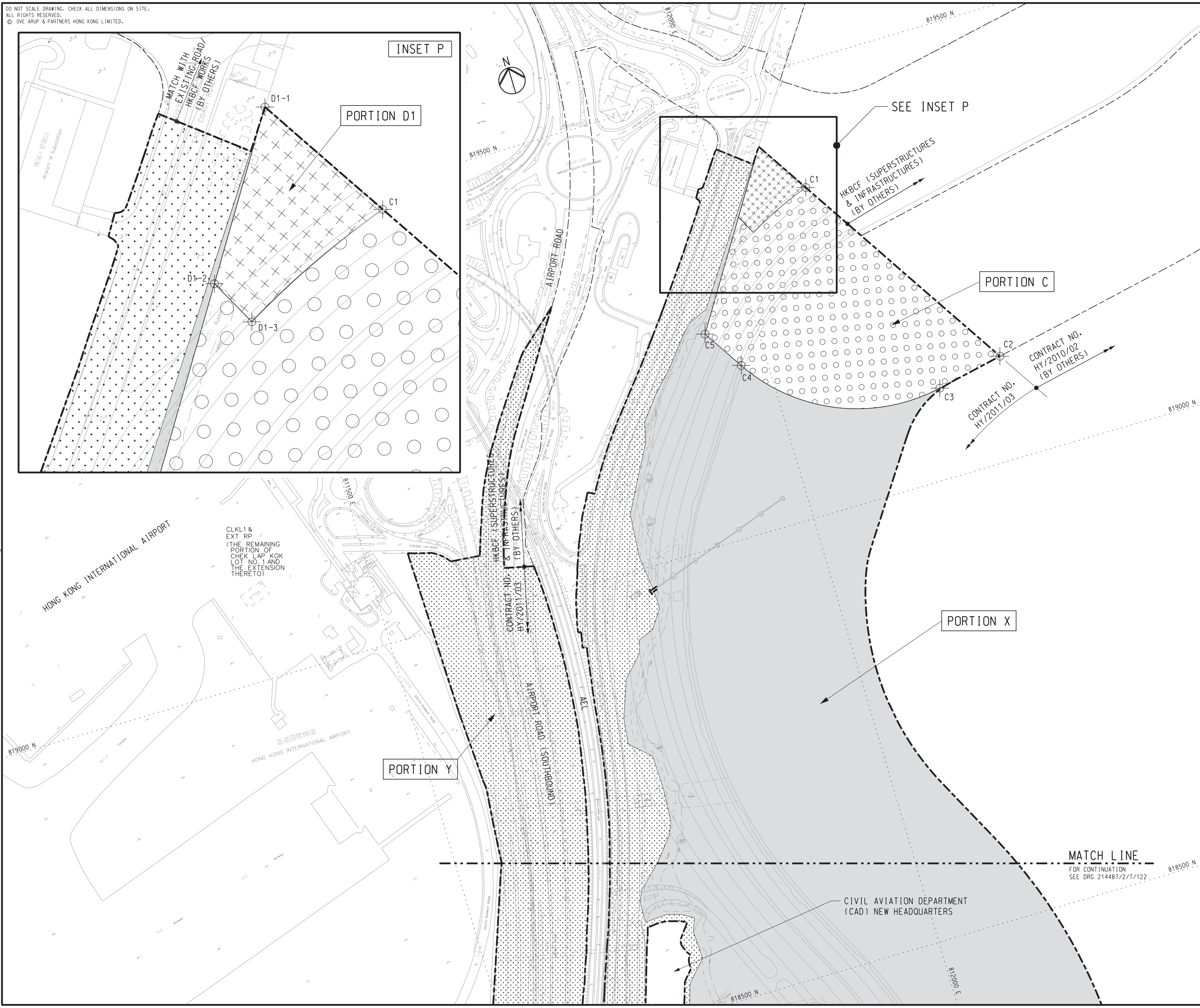
Printed by : 13/2/2012
Filename : J:\214487\Record\HY_2011_03\Re-Tender (2012-02-17)\DGN\E-HY_2011_03-DRG_122-A-10.dgn



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. 214487/2/T/123 Rev. A

Drawn	Date	Checked	Approved
RY	02/12	IL	SK
Scale 1:2000 @A1		Status TENDER	

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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