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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.21 (June 2014)

15 July 2014

Revision 1

Main Contractor

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

Designer

ATKINS

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Executive Summary

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

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

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

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

This is the Twenty-first Monthly EM&A report for the Contract which summaries the monitoring results and audit findings of the EM&A programme during the reporting period from 1 to 30 June 2014.

Environmental Monitoring and Audit Progress

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

1-hr TSP Monitoring	3, 6, 12, 18, 24 and 30 June 2014
24-hr TSP Monitoring at AMS5	6, 11, 17, 23 and 27 June 2014
24-hr TSP Monitoring at AMS6	5, 11, 17, 23 and 27 June 2014
Noise Monitoring	3, 12, 18 and 24 June 2014
Water Quality Monitoring	2, 4, 6, 9, 11, 13, 16, 18, 20, 23, 25, 27 and 30 June 2014
Mudflat Monitoring (Ecology)	1, 13, 14,15 and 16 June 2014
Mudflat Monitoring (Sedimentation rate)	25 June 2014
Chinese White Dolphin Monitoring	3, 5, 10 and 16 June 2014
Site Inspection	4, 11, 18 and 27 June 2014

Due to boat availability issue, the dolphins monitoring schedule was rescheduled from 18 June 2014 for 5 June 2014.

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

Breaches of Action and Limit Levels

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

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

An Action Level exceedance of dissolved oxygen was recorded on 27 June 2014. According to the information provided by the Contractor, marine construction activities were carried out within silt curtain as recommended in the EIA Report. There were no specific activities recorded during the monitoring period that would cause any significant impacts on monitoring results. Therefore, the exceedance was considered as non-contract related.

Complaint Log

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

Notifications of Summons and Prosecutions

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

Reporting Changes

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

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

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

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

Future Key Issues

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

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

1 Introduction

1.1 Basic Project Information

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

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

1.1.3 China State Construction Engineering (Hong Kong) Ltd. was awarded by Highways Department (HyD) as the Contractor to undertake the construction works of Contract No. HY/2011/03. The Contract is part of the HKLR Project and HKBCF Project, these projects are considered to be "Designated Projects", under Schedule 2 of the Environmental Impact Assessment (EIA) Ordinance (Cap 499) and Environmental Impact Assessment (EIA) Reports (Register No. AEIAR-144/2009 and AEIAR-145/2009) were prepared for the Project. The current Environmental Permit (EP) EP-352/2009/C for HKLR and EP-353/2009/G for HKBCF were issued on 5 September 2013 and 6 August 2013, respectively. These documents are available through the EIA Ordinance Register. The construction phase of Contract was commenced on 17 October 2012. **Figure 1.1** shows the project site boundary. The works areas are shown in **Appendix 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 Twenty-first 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 June 2014.

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

1.2 Project Organisation

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

Table 1.1 Contact Information of Key Personnel

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

1.3 Construction Programme

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

1.4 Construction Works Undertaken During the Reporting Month

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

Table 1.2 Construction Activities During Reporting Month

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

2 Air Quality Monitoring

2.1 Monitoring Requirements

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

Table 2.1 Action and Limit Levels for 1-hour TSP

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

Table 2.2 Action and Limit Levels for 24-hour TSP

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

2.2 Monitoring Equipment

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

Table 2.3 Air Quality Monitoring Equipment

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

2.3 Monitoring Locations

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

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

Table 2.4 Locations of Impact Air Quality Monitoring Stations

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

2.4 Monitoring Parameters, Frequency and Duration

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

Table 2.5 Air Quality Monitoring Parameters, Frequency and Duration

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

2.5 Monitoring Methodology

2.5.1 24-hour TSP Monitoring

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

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

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

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

(iv) No furnace or incinerator flues nearby.

(v) Airflow around the sampler was unrestricted.

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

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

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

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

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

(b) Preparation of Filter Papers

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

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

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

(c) Field Monitoring

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

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

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

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

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

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

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

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

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

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

(xi) The initial elapsed time was recorded.

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

(xiii) The final elapsed time was recorded.

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

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

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

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

(d) Maintenance and Calibration

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

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

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

2.5.2 1-hour TSP Monitoring

(a) Measuring Procedures

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

(i) Turn the power on.

(ii) Close the air collecting opening cover.

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

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

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

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

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

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

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

(x) Lower down the air collection opening cover.

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

(b) Maintenance and Calibration

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

2.6 Monitoring Schedule for the Reporting Month

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

2.7 Monitoring Results

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

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

Monitoring Station	Average ($\mu g/m^3$)	Range ($\mu g/m^3$)	Action Level ($\mu g/m^3$)	Limit Level ($\mu g/m^3$)
AMS5	18	5 – 41	352	500
AMS6	20	8 – 38	360	500

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

Monitoring Station	Average ($\mu g/m^3$)	Range ($\mu g/m^3$)	Action Level ($\mu g/m^3$)	Limit Level ($\mu g/m^3$)
AMS5	34	22 – 54	164	260
AMS6	42	23 – 74	173	260

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

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

2.7.4 There were technical problems of the on-site weather station from 1 to 5 June 2014. As the wind data could not be monitored, the wind data during this period were reference to the wind data obtained from Hong Kong Observatory's Chek Lap Kok weather station. The wind data obtained from the on-site weather station during the reporting month is shown in **Appendix G**.

3 Noise Monitoring

3.1 Monitoring Requirements

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

Table 3.1 Action and Limit Levels for Noise during Construction Period

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

3.2 Monitoring Equipment

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

Table 3.2 Noise Monitoring Equipment

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

3.3 Monitoring Locations

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

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

Table 3.3 Locations of Impact Noise Monitoring Stations

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

3.4 Monitoring Parameters, Frequency and Duration

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

Table 3.4 Noise Monitoring Parameters, Frequency and Duration

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

3.5 Monitoring Methodology

3.5.1 Monitoring Procedure

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

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

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

(i) frequency weighting: A

(ii) time weighting: Fast

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

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

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

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

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

3.5.2 Maintenance and Calibration

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

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

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

3.6 Monitoring Schedule for the Reporting Month

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

3.7 Monitoring Results

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

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

Monitoring Station	Average $L_{eq\ (30\ mins)}$, dB(A)	Range of $L_{eq\ (30\ mins)}$, dB(A)	Limit Level $L_{eq\ (30\ mins)}$, dB(A)
NMS5	69	67 –71	75

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

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

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

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

4 Water Quality Monitoring

4.1 Monitoring Requirements

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

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

Table 4.1 Action and Limit Levels for Water Quality

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

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

than the limits.

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

4.2 Monitoring Equipment

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

Table 4.2 Water Quality Monitoring Equipment

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

4.3 Monitoring Parameters, Frequency and Duration

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

Table 4.3 Impact Water Quality Monitoring Parameters and Frequency

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

4.4 Monitoring Locations

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

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

Table 4.4 Impact Water Quality Monitoring Stations

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

4.5 Monitoring Methodology

4.5.1 Instrumentation

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

4.5.2 Operating/Analytical Procedures

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

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

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

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

(e) Duplicate samples from each independent sampling event were collected for SS measurement. Water samples were collected using the water samplers and the samples were stored in high-density polythene bottles. Water samples collected were well-mixed in the water sampler prior to pre-rinsing and transferring to sample bottles. Sample bottles were pre-rinsed with the same water samples. The sample bottles were then be packed in cool-boxes (cooled at 4°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 June 2014 is provided in **Appendix D.**

4.7 Monitoring Results

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

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

Table 4.6 Summary of Water Quality Exceedances

Station	Exceedance Level	DO (S&M)		DO (Bottom)		Turbidity		SS		Total number of exceedances	
		Ebb	Flood	Ebb	Flood	Ebb	Flood	Ebb	Flood	Ebb	Flood
IS5	Action Level	--	--	--	--	--	--	--	--	0	0
	Limit Level	--	--	--	--	--	--	--	--	0	0
IS(Mf)6	Action Level	--	--	--	--	--	--	--	--	0	0
	Limit Level	--	--	--	--	--	--	--	--	0	0
IS7	Action Level	--	--	--	--	--	--	--	--	0	0
	Limit Level	--	--	--	--	--	--	--	--	0	0
IS8	Action Level	--	27 June 2014	--	--	--	--	--	--	0	0
	Limit Level	--	--	--	--	--	--	--	--	0	0
IS(Mf)9	Action Level	--	--	--	--	--	--	--	--	0	0
	Limit Level	--	--	--	--	--	--	--	--	0	0
IS10	Action Level	--	--	--	--	--	--	--	--	0	0
	Limit Level	--	--	--	--	--	--	--	--	0	0

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

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

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

4.7.4 On 27 June 2014, an AL exceedance was recorded at station IS8 during mid-flood tide. There were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results. No leakage of turbid water or any abnormity or malpractice was observed during the sampling exercise. The exceedance of dissolved oxygen was considered to be attributed to other external factors, rather than the contract works. Therefore, the exceedance was considered as non-contract related.

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

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

5 Dolphin Monitoring

5.1 Monitoring Requirements

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

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

Table 5.1 Action and Limit Levels for Dolphin Monitoring

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

Remarks:

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

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

5.2 Monitoring Methodology

Vessel-based Line-transect Survey

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

Table 5.2 Co-ordinates of Transect Lines

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

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

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

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

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

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

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

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

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

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

Photo-identification Work

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

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

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

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

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

5.3 Monitoring Results

Vessel-based Line-transect Survey

5.3.1 During the month of June 2014, two sets of systematic line-transect vessel surveys were conducted on 3rd, 5th, 10th and 16th to cover all transect lines in NWL and NEL survey areas twice. The survey routes of each survey day are presented in **Figures 2-5 of Appendix H**. Notably, the second line in NEL survey area just to the east of HKBCF (i.e. line #11) has been partially blocked by the silt curtain that surrounded the HKBCF reclamation site since August 2013, and the research vessel has been traveling around the edge of the expanded silt curtain for that section of the transect line rather than on a straight line.

5.3.2 From these surveys, a total of 300.78 km of survey effort was collected, with 89.7% of the total survey effort being conducted under favourable weather conditions (i.e. Beaufort Sea State 3 or below with good visibility) **(Annex I of Appendix H)**. Among the two areas, 116.40 km and 184.38 km of survey effort were collected from NEL and NWL survey areas respectively. In addition, the total survey effort conducted on primary lines was 215.36 km, while the effort on secondary lines was 85.42 km.

5.3.3 During the two sets of monitoring surveys in June 2014, a total of three groups of seven Chinese White Dolphins were sighted **(Annex II of Appendix H)**. All three sightings were made in NWL during the two sets of surveys in June, with no dolphin being sighted at all in NEL. Only one sighting was made on primary lines during on-effort search, and none of the dolphin groups was associated with operating fishing vessel.

5.3.4 Distribution of these dolphin sightings made in June 2014 is shown in Figure 6. Similar to previous months of monitoring surveys, the three dolphin sightings were made near Lung Kwu

Chau (Figure 6 of Appendix H No sighting was made in the central or eastern portion of North Lantau waters.

5.3.5 Notably, none of these three sightings was made in the proximity of the HKLR03 and HKBCF reclamation sites, as well as the HKLR09 and TMCLKL alignments. **(Figure 6 of Appendix H)**.

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

Table 5.3 Individual Survey Event Encounter Rates

		Encounter rate (STG) (no. of on-effort dolphin sightings per 100 km of survey effort)	**Encounter rate (ANI)** (no. of dolphins from all on-effort sightings per 100 km of survey effort)
		Primary Lines Only	**Primary Lines Only**
NEL	Set 1: Jun 3rd/5th	0.0	0.0
	Set 2: Jun 10th/16th	0.0	0.0
NWL	Set 1: Jun 3rd/5th	1.7	5.0
	Set 2: Jun 10th/16th	0.0	0.0

Remarks:

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

Table 5.4 Monthly Average Encounter Rates

	Encounter rate (STG) (no. of on-effort dolphin sightings per 100 km of survey effort)		**Encounter rate (ANI)** (no. of dolphins from all on-effort sightings per 100 km of survey effort)	
	Primary Lines Only	**Both Primary and Secondary Lines**	**Primary Lines Only**	**Both Primary and Secondary Lines**
Northeast Lantau	0.0	0.0	0.0	0.0
Northwest Lantau	0.9	1.3	2.6	3.9

Remarks:

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

5.3.7 The average group size of Chinese White Dolphins in June 2014 was 2.33 individuals per group, which was much lower than the ones recorded in previous months of dolphin monitoring. All dolphin groups were only composed of 1-3 animals.

Photo-identification Work

5.3.8 Two individual dolphins were sighted three times during June's surveys. NL272 was sighted more than once during the monitoring month (**Annex III and IV of Appendix H**).

5.3.9 None of the two individuals was accompanied with any calves during their re-sightings.

Conclusion

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

5.3.11 Due to monthly variation in dolphin occurrence within the study area, it would be more appropriate to draw conclusion on whether any impacts on dolphins have been detected related to the construction activities of this project in the quarterly EM&A report, where comparison on distribution, group size and encounter rates of dolphins between the quarterly

impact monitoring period (June-August 2014) and baseline monitoring period (3-month period) will be made.

5.4 Reference

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

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

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

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

6 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 25 June 2014. 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(June 2014)		
Monitoring Station	Easting (m)	Northing (m)	Surface Level (mPD)	Easting (m)	Northing (m)	Surface Level (mPD)
S1	810291.160	816678.727	0.950	810291.158	816678.724	1.003
S2	810958.272	815831.531	0.864	810958.292	815831.548	0.951
S3	810716.585	815953.308	1.341	810716.591	815953.335	1.449
S4	811221.433	816151.381	0.931	811221.436	816151.390	1.031

Table 6.3 Comparison of measurement

	Comparison of measurement			Remarks and Recommendation
Monitoring Station	Easting (m)	Northing (m)	Surface Level (mPD)	
S1	-0.002	-0.003	0.053	Within tolerance, no significant change
S2	0.020	0.017	0.087	Level continuously increased
S3	0.005	0.027	0.078	Level continuously increased
S4	0.003	0.009	0.100	Level continuously increased

6.1.6 This measurement result was generally and relatively higher than the baseline measurement at S2, S3 and S4. The mudflat level is continuously increased. For S1 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 June 2014. 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-Jun-14	9.26	3.5	3.95	8.67	1.9	3.15
04-Jun-14	7.74	3.25	3.30	7.70	1.30	3.45
06-Jun-14	8.63	3.15	4.10	8.46	2.05	4.25
09-Jun-14	6.29	1.90	4.00	5.89	4.40	6.50
11-Jun-14	5.92	1.55	6.05	5.74	4.60	6.55
13-Jun-14	8.09	4.25	5.15	8.18	9.90	6.75
16-Jun-14	5.72	5.80	3.35	5.55	4.15	5.75
18-Jun-14	6.85	4.75	3.00	6.41	2.85	3.50
20-Jun-14	8.04	6.90	5.90	7.11	5.60	4.35
23-Jun-14	5.71	8.45	4.90	6.22	8.20	5.80
25-Jun-14	5.72	4.60	3.80	6.16	6.05	3.15
27-Jun-14	5.64	7.05	3.80	5.91	18.65	3.95
30-Jun-14	5.78	5.80	3.90	5.51	5.15	4.55
Average	6.87	4.69	4.25	6.73	5.75	4.75

6.3 Mudflat Ecology Monitoring Methodology

Sampling Zone

6.3.1 In order to collect baseline information of mudflats in the study site, the study site was divided into three sampling zones (labeled as TC1, TC2, TC3) in Tung Chung Bay and one zone in San Tau (labeled as ST) (**Figure 2.1 of Appendix I**). The horizontal length of sampling zones TC1, TC2, TC3 and ST were about 250 m, 300 m, 300 m and 250 m respectively. Survey of horseshoe crabs, seagrass beds and intertidal communities were conducted in every sampling zone. The present survey was conducted in June 2014 (totally 6 sampling days between 1st and 16th June 2014).

Horseshoe Crabs

6.3.2 Active search method was conducted for horseshoe crab monitoring by two experienced surveyors at every 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 individual was found, the species was identified referencing to Li (2008). The prosomal width, inhabiting substratum and respective GPS coordinate were recorded. A photographic record was taken for future investigation. Any grouping behavior of individuals, if found, was recorded. The horseshoe crab surveys were conducted on 13th (for TC3 and ST) and 16th (for TC1 and TC2) June 2014. The weather was sunny and hot on both survey days.

Seagrass Beds

6.3.3 Active search method was conducted for seagrass bed monitoring by two experienced surveyors at every sampling zone. During the search period, any accessible and potential area would be investigated for any seagrass beds within 2-3 hours in low tide period. Once seagrass bed was found, the species, estimated area, estimated coverage percentage and respective GPS coordinate were recorded. A photographic record was taken for future investigation. The seagrass beds surveys were conducted on 13th (for TC3 and ST) and 16th (for TC1 and TC2) June 2014. The weather was sunny and hot on both survey days.

Intertidal Soft Shore Communities

6.3.4 The intertidal soft shore community surveys were conducted in low tide period on 1st (for ST), 2nd (for TC3), 14th (for TC2) and 15th June 2014 (for TC1). At each sampling zone, three 100 m horizontal transects were laid at high tidal level (H: 2.0 m above C.D.), mid tidal level (M: 1.5 m above C.D.) and low tidal level (L: 1.0 m above C.D.). Along every horizontal transect, ten random quadrats (0.5 m x 0.5m) were placed.

6.3.5 Inside a quadrat, any visible epifauna were collected and were *in-situ* identified to the lowest practical taxonomical resolution. Whenever possible a hand core sample (10 cm internal diameter × 20 cm depth) of sediments was collected in the quadrat. The core sample was gently washed through a sieve of mesh size 2.0 mm *in-situ*. Any visible infauna were collected and identified. Finally the top 5 cm surface sediments was dug for visible infauna in the quadrat regardless of hand core sample was taken.

6.3.6 All collected fauna were released after recording except some tiny individuals that are too small to be identified on site. These tiny individuals were taken to laboratory for identification under dissecting microscope.

6.3.7 The taxonomic classification was conducted in accordance to the following references: Polychaetes: Fauchald (1977), Yang and Sun (1988); Arthropods: Dai and Yang (1991), Dong (1991); Mollusks: Chan and Caley (2003), Qi (2004).

Data Analysis

6.3.8 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 ith 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** shows the records of horseshoe crab survey at every sampling zone. In general, *Carcinoscorpius rotundicauda* was found in all sampling zones (TC1: 24 ind., TC2: 1 ind., TC3: 22 ind., ST: 30 ind.) while *Tachypleus tridentatus* was found in sampling zones TC3 (11 ind.) and ST (44 ind.) only. All individuals were found on either fine sand or soft mud substratum. Grouping was observed from both species while the group size ranged 2-8 individuals.

6.5.2 **Table 3.2 of Appendix I** summarizes the survey results of horseshoe crab at every sampling zone. For *Carcinoscorpius rotundicauda*, the search records were 6.0 ind. hr^{-1} $person^{-1}$ (mean prosomal width: 46.96 mm), 0.3 ind. hr^{-1} $person^{-1}$ (36.19 mm), 5.5 ind. hr^{-1} $person^{-1}$ (28.46 mm), 5.0 ind. hr^{-1} $person^{-1}$ (52.47 mm) at TC1, TC2, TC3 and ST respectively. According to Li (2008), the prosomal width of recorded individuals ranged 10.67—84.84 mm that was about 1.6-9.8 years old. For *Tachypleus tridentatus,* the search record was 2.8 ind. hr^{-1} $person^{-1}$ (43.75 mm) and 7.3 ind. hr^{-1} $person^{-1}$ (51.57 mm) at TC3 and ST respectively. The prosomal width of recorded individuals ranged 28.14—73.08 mm that was about 3.6–8.5 years old.

6.5.3 Besides, 18 and 3 marked individuals of *Tachypleus tridentatus* had been recorded in previous surveys conducted in Sep. 2013 and Mar. 2014 respectively. All of them were released through a conservation programme conducted by Prof. Paul Shin (Department of Biology and Chemistry, The City University of Hong Kong (CityU)). It was a re-introduction trial of artificial bred horseshoe crab juvenile at selected sites. So that the horseshoe crabs population might be restored in the natural habitat. Through a personal conversation with Prof. Shin, about 100 individuals were released in the sampling zone ST on 20 June 2013. All of them were marked with color tape and internal chip detected by specific chip sensor.

6.5.4 The artificial bred individuals were excluded from the results of present monitoring programme in order to reflect the changes of natural population. However, the mark on their prosoma might have been detached during moulting in the past one year. The artificially released individuals

were no longer distinguishable from the natural population without the specific chip sensor. No marked individual was found in this survey. Hence the survey data collected would possibly cover both natural population and artificially bred individuals.

6.5.5 **Figure 3.2 and 3.3 of Appendix I** shows the changes of number of individuals, mean prosomal width and search record of horseshoe crab *Carcinoscorpius rotundicauda* and *Tachypleus tridentatus* respectively in every sampling zone along the sampling months. In general, higher search records (i.e. number of individuals) of both species were always found in ST in active season. In contrast, much lower search record was found in other sampling zones especially TC2 (2 ind. in Sep. 2013, 1 ind. in Mar. 2014 and 1 ind. in Jun. 2014 only). There was no spatial difference of horseshoe crab size (prosomal width) among the sampling zones.

6.5.6 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). Relatively, other sampling zones were not suitable for nursery of horseshoe crab especially TC2. Possible factors were less area of suitable substratum (especially TC1) and higher human disturbance (TC1, TC2 and TC3: close to urban district and easily accessible). In TC2, large daily salinity fluctuation was a possible factor either since it was flushed by two rivers under tidal inundation. The individuals found in TC1, TC2 and TC3 were believed foraging from the ST during high tide while it might return to ST over a certain period of time. It accounted for the variable search records in the three sampling zones along the sampling months. For example, few individuals of *Tachypleus tridentatus* were found in TC1 only between Sep. 2012 and Sep. 2013. However it no longer appeared while individuals of *Carcinoscorpius rotundicauda* were found after Mar. 2014.

6.5.7 During the survey period from Sep. 2012 to Jun 2014, the search record of horseshoe crab declined obviously during dry season especially December (**Figures 3.2 and 3.3 of Appendix I**). Furthermore no individual was found in Dec. 2013. As mentioned, the horseshoe crabs were inactive and burrowed in the sediments during cold weather (<15 ºC). Similar results of low search record in dry season were reported in a previous territory-wide survey of horseshoe crab. For example, the search records in Tung Chung Wan were 0.17 ind. hr^{-1} $person^{-1}$ and 0 ind. hr^{-1} $person^{-1}$ in wet season and dry season respectively (details see Li, 2008). After the dry season, the search record increased with the warmer climate.

6.5.8 Between the sampling months Sep. 2012 and Dec. 2013, *Carcinoscorpius rotundicauda* was a less common species relative to *Tachypleus tridentatus*. Only 4 individuals were ever recorded in ST in Dec. 2012. This species had been believed of very low density in ST hence the encounter rate was very low. Until Mar. 2014, it was found in all sampling zones with higher abundance in ST. Based on its average size (mean prosomal width 39.28-49.81 mm), it indicated that breeding and spawning of this species had occurred 3-4 years ago along the coastline of Tung Chun Wan. However, these individuals were still small while their walking trails were inconspicuous. Hence there was no search record in previous sampling months. In this survey (Jun. 2014), more individuals were recorded due to larger size (mean prosomal width 28.46-52.47 mm) and higher activity.

6.5.9 For *Tachypleus tridentatus,* sharp increase of number of individuals was recorded in ST with wet season (from Mar. 2013 (15 ind.), Jun. 2013 (59 ind.) to Sep. 2013 (94 ind.)). According to a personal conversation with Prof. Shin (CityU), his monitoring team had recorded similar increase of horseshoe crab population during wet season. It was believed that the suitable ambient temperature increased its conspicuousness. Similar pattern might be recorded in this year of survey.

6.5.10 **Figure 3.4 of Appendix I** shows the changes of prosomal width of horseshoe crab *Carcinoscorpius rotundicauda* and *Tachypleus tridentatus* in ST where was regarded as an important nursery ground. As mentioned above, *Carcinoscorpius rotundicauda* was rarely found between Sep. 2012 and Dec. 2013 hence the data were limiting. From Mar. to Jun. 2014, the size of major population (50% records between upper and lower quartile) increased clearly. The prosomal width increased from 30-40 mm to 45-60 mm. For *Tachypleus tridentatus,* a

consistent growing trend was observed for the major population from Dec. 2012 to Jun. 2014. The prosomal width increased from 10-20 mm to 40-60 mm.

6.5.11 The present survey was the seventh time of sampling of the EM&A programme during the construction period. Based on the results, impact 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 crab individuals in warm weather, large number of dead individuals on the shore) is observed, it would be reported as soon as possible.

Seagrass Beds

6.5.12 **Table 3.3 of Appendix I** show the records of seagrass beds survey at every sampling zone. Two species of seagrass *Halophila ovalis* and *Zostera japonica* were recorded in ST only. In general the number of patches and area of *Halophila ovalis* were obviously higher **(Table 3.4 of Appendix I)**. For *Halophila ovalis*, the area of highest density consisted of one large and one medium patches on sandy substratum beside the mangrove vegetation at tidal level 2 m above C.D. **(Figure 3.5(A) of Appendix I)**. The estimated total seagrass area was about 469.7 m^2 with vegetation coverage 70-90% and smaller leaves. Dry season was its reproductive period while flowers could be observed in Dec. **(Figure 3.6 of Appendix I)**.

6.5.13 Since Sep. 2013, seasonal recruitment and spreading of *Halophila ovalis* were occurring in ST. Numerous small patches were found on soft mud at tidal level between 0.5 m and 1.5 m above C.D.. In Mar. 2014, 31 small to medium patches were recorded (variable area 1-72 m^2 per patch, vegetation coverage 40-80% per patch). In Jun. 2014, these small and medium patches grew and extended to each others. These patches were no longer distinguishable and were covering a significant mudflat area of ST **(Figure 3.5(B) of Appendix I).** It was generally grouped into 4 large areas (1116.3 – 2442.6 m^2) of seagrass beds characterized of patchy distribution, variable vegetable coverage (40-80%) and smaller leaves.

6.5.14 Four small patches of *Zostera japonica* were found within the long strand of *Halophila ovalis*. **(Figure 3.5 of Appendix I)**.The estimated area ranged 0.5-25.7 m^2 while the estimated coverage was about 40-85%.

6.5.15 **Figure 3.7 of Appendix I** shows the changes of estimated total area of seagrass beds at ST along the sampling months. For *Halophila ovalis*, the total area and estimated coverage increased gradually from Sep. 2012 to Mar. 2014. It showed that the seagrass was in scattered patches on the shore during dry season of 2012. Then it grew larger and became numerous patches of varying sizes during 2013. Until Jun. 2014, the total seagrass bed area increased sharply due to merging of the patches. However the vegetation was in patchy distribution with highly variable coverage. It was still doubt that these patches would survive from the natural heat stress, grazing and storm in the coming hottest period (Jun to Sep 2014).

6.5.16 For *Zostera japonica*, it was not recorded in the 1st and 2nd surveys of monitoring programme. Seasonal recruitment of few patches was found in Mar. 2013. Then the patch size increased and merged gradually with the warmer climate from Mar. to Jun. 2013. However the patch size decreased sharply and remained similar from Sep. 2013 to Mar. 2014. Until Jun. 2014, the patch size increased obviously again with warmer climate.

6.5.17 The present survey was the seventh 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 considering the factor of natural, seasonal variation. In case, abnormal phenomenon (e.g. rapid reduction of seagrass patch size, abnormal change of leave colour) is observed, it would be reported as soon as possible.

Intertidal Soft Shore Communities

6.5.18 **Table 3.5 and Figure 3.8 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 categorizing the substratum types (Gravels & Boulders / Sands / Soft mud) of the ten random quadrats along the horizontal transect.

6.5.19 The distribution of substratum types varied among tidal levels and sampling zones. At TC1, even distribution (50%) of 'Gravels and Boulders' and 'Sands' was recorded at high tidal level. High percentage of 'Gravels and Boulders' (90%) was recorded at mid tidal level. Higher percentage of 'Soft mud' (60%) were recorded at low tidal level followed by 'Sands' (20%) and 'Soft mud' (20%). At TC2, 60% 'Sands' and 30% 'Soft mud' were recorded at high tidal level. Higher percentage of 'Soft mud' (40-70%) were recorded at mid and low tidal levels followed by 'Sands' (30%). At TC3, 'Sands' (100%) was recorded only at high tidal level. 'Sands' (60%) and 'Soft mud' (40%) were recorded only at mid tidal level. 'Gravels and Boulders' was the major substratum type (80%) at low tidal level. At ST, Gravels and Boulders' (100%) was the major substratum at high and mid tidal levels. 'Soft mud' (60%) was mainly recorded at low tidal level followed by 'Sands' (20%) and 'Gravels and Boulders' (20%).

6.5.20 There was neither consistent vertical nor horizontal zonation pattern of substratum type all sampling zones. In general, 'Gravels and Boulders' and 'Sands' were usually observed at high and mid tidal levels. However 'Soft mud' was mainly observed at low tidal level. Such heterogeneous variation should be caused by different hydrology (e.g. wave in different direction and intensity) received by the four sampling zones.

6.5.21 **Table 3.6 of Appendix I** lists the total abundance, density and number of taxon of every phylum in the present survey. A total of 17896 individuals were recorded. Mollusks were significantly the most abundant phylum (total individuals 17439, density 581 ind. m^{-2}, relative abundance 97.4%). The second abundant group was arthropods (210 ind., 7 ind. m^{-2}, 1.2%). The third abundant group was annelids (160 ind., 5 ind. m^{-2}, 0.9%). Relatively other phyla were very low in abundances (≤1 ind. m^{-2}, relative abundance ≤0.2%). Moreover, the most diverse phylum was mollusks (45 taxa) followed by arthropods (15 taxa) and annelids (11 taxa). The taxa of other phyla were relatively less (1-2 taxa). The complete list of collected specimens is provided in **Annex III of Appendix I**.

6.5.22 **Table 3.7 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: 3191-6625 ind., relative abundance 95.1-98.7%). For TC1, TC3 and ST, arthropods were the second abundant phylum (27-58 ind., 0.7-1.4%) although the number of individuals was significantly lower than that of mollusks. Annelids were the third abundant phylum (14-39 ind., 0.4-1.0%). For TC2, annelids (76 ind., 2.3%) and arthropods (74 ind., 2.2%) were similar in abundances. Relatively, other phyla were low in abundance among the four sampling zones (< 1%).

6.5.23 **Table 3.8 of Appendix I** lists the abundant species (relative abundance >10%) in every sampling zone. In TC1, gastropod *Batillaria multiformis* was clearly abundant (321-323 ind. m^{-2}, relative abundance 49-63%) at high and mid tidal levels (major substrata: 'Gravels and Boulders' & 'Sands') while other taxa were less in densities. Gastropod *Cerithidea cingulata* (79 ind. m^{-2}, 15%) was the second abundant taxon at high tidal level. Gastropods *Cerithidea djadjariensis* (110 ind. m^{-2}, 17%) and *Monodonta labio* (74 ind. m^{-2}, 11%) were the second and third abundant taxa respectively at mid tidal level. At low tidal level (major substratum: 'Soft mud'), gastropods *Batillaria zonalis* (75 ind. m^{-2}, 17%), *Cerithidea djadjariensis* (64 ind. m^{-2}, 15%) and rock oyster *Saccostrea cucullata* (68 ind. m^{-2}, 16%, attached on boulders) were even and moderately abundant at low tidal levels.

6.5.24 At TC2, gastropods *Cerithidea djadjariensis* (363 ind. m^{-2}, 52%) and *Cerithidea cingulata* (210 ind. m^{-2}, 30%) were highly abundant at high tidal level (major substratum: 'Sands'). At mid and low tidal levels (major substrata: 'Soft mud' & 'Sands'), gastropod *Cerithidea djadjariensis* was still the most abundant taxon but the mean densities were much lower (126-135 ind. m^{-2}, 32-53%). Rock oyster *Saccostrea cucullata* was the second abundant taxon (72 ind. m^{-2}, 18% attached on boulders) at mid tidal level. Gastropod *Batillaria zonalis* were relatively less in densities (41-44 ind. m^{-2}, 10-18%) at mid and low tidal levels.

6.5.25 At TC3, gastropod *Batillaria multiformis* was highly abundant (810 ind. m^{-2}, 62%) at high tidal level (major substratum: 'Sands') followed by less abundant gastropods *Cerithidea djadjariensis* (302 ind. m^{-2}, 23%) and *Cerithidea cingulata* (144 ind. m^{-2}, 11%). At mid tidal level (major substrata: 'Sands' & 'Soft mud'), the density of gastropod *Batillaria multiformis* declined

sharply (62 ind. m^{-2}, 10%) and became the third abundant taxon. The gastropods *Cerithidea djadjariensis* (284 ind. m^{-2}, 47%) and *Cerithidea cingulata* (172 ind. m^{-2}, 29%) became the first and second abundant taxa although their densities were similar. At low tidal level (major substratum: 'Gravels and Boulders'), rock oyster *Saccostrea cucullata* (212 ind. m^{-2}, 27%) and gastropod *Batillaria multiformis* (206 ind. m^{-2}, 27%) were more abundant followed by gastropod *Monodonta labio* (168 ind. m^{-2}, 22%).

6.5.26 At ST, gastropod *Batillaria multiformis* was highly abundant (332 ind. m^{-2}, 50%) at high tidal level (major substratum: 'Gravels and Boulders') followed by much less abundant gastropod *Monodonta labio* (83 ind. m^{-2}, 12%) and rock oyster *Saccostrea cucullata* (77 ind. m^{-2}, 12%). At mid tidal level (major substratum: 'Gravels and Boulders'), gastropod *Monodonta labio* (134 ind. m^{-2}, 21%) and rock oyster *Saccostrea cucullata* (131 ind. m^{-2}, 21%) were higher in abundances. Other less abundant taxa were gastropods *Batillaria multiformis* (97 ind. m^{-2}, 15%) and *Cellana toreuma* (88 ind. m^{-2}, 14%). At low tidal level (major substratum: 'Soft mud'), gastropods *Cerithidea djadjariensis* (55 ind. m^{-2}, 23%), *Batillaria zonalis* (51 ind. m^{-2}, 22%), *Batillaria bornii* (25 ind. m^{-2}, 11%) and rock oyster *Saccostrea cucullata* (43 ind. m^{-2}, 18%, attached on boulders) were abundant taxa at lower densities relative to that at high and mid tidal levels.

6.5.27 There was no consistent zonation pattern of species distribution observed across all sampling zones and tidal levels. The species distribution should be affected by the type of substratum primarily. In general, gastropods *Batillaria multiformis* (total number of individuals: 5665 ind., relative abundance 31.7%), *Cerithidea djadjariensis* (4013 ind., 22.4%) and *Cerithidea cingulata* (1831 ind., 10.2%) were the most commonly occurring species on sandy substratum. Moreover rock oyster *Saccostrea cucullata* (1827 ind., 10.2%) and gastropod *Monodonta labio* (1374 ind., 7.7%) were commonly occurring species inhabiting gravel and boulders substratum.

6.5.28 **Table 3.9 of Appendix I** shows the mean values of number of species, density, biodiversity index *H'* and species evenness *J* of soft shore communities at every tidal level and in every sampling zone. Among the sampling zones, the mean number of species was similar (9-14 spp. 0.25 m^{-2}). The mean densities in TC3 (600-1309 ind. m^{-2}) was higher than that in TC1 (431-655 ind. m^{-2}), ST (236-665 ind. m^{-2}) and TC2 (253-692 ind. m^{-2}). The mean *H'* (1.60) and *J* (0.66) in ST were relatively higher than that in TC1, TC2 and TC3 (*H'*: 1.22-1.39, *J*: 0.55-0.62).

6.5.29 Across the tidal levels, there was no difference for the mean number of species. Higher mean densities were found at high and mid tidal levels. Higher *H'* and *J* were observed at mid and low tidal levels in TC1, TC2 and TC3. But both values were higher at high and mid tidal levels in ST.

6.5.30 **Figure 3.9 to 3.12 of Appendix I** show the temporal changes of mean number of species, mean density, *H'* and *J* at every tidal level and in every sampling zone along the sampling months. No significant temporal change of any biological parameters was observed. All the parameters were under slight and natural fluctuation with the seasonal variation.

6.5.31 The present survey was the seventh survey 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. In case, abnormal phenomenon (e.g. large reduction of fauna densities and species number) is observed, it would be reported as soon as possible.

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7 ENVIRONMENTAL SITE INSPECTION AND AUDIT

7.1 Site Inspection

7.1.1 Site Inspections were carried out on a weekly basis to monitor the implementation of proper environmental pollution control and mitigation measures for the Project. During the reporting month, four site inspections were carried out on 4, 11, 18 and 27 June 2014.

7.1.2 Particular observations during the site inspections are described below.

4 June 2014

(a) Stagnant water inside a wheel-barrow was observed at N13. The wheel barrow was removed at N13. (This observation was found 30 May 2014 and closed on 4 June 2014.)

(b) Stagnant water inside the drip tray of a generator was observed at N1. The stagnant water inside the drip tray of a generator was removed at N1. (This observation was found 30 May 2014 and closed on 4 June 2014.)

(c) Bags of cement were not entirely covered at N1. The cement bags were removed at N1. (This observation was found 30 May 2014 and closed on 4 June 2014.)

(d) No vehicle washing bay was provided at site exit of S8/S9. A vehicle washing bay was provided at the site exit of S8/S9. (This observation closed on 11 June 2014.)

(e) Fugitive dust emission was observed when piling works were undertaken at S11. An impervious cover was provided for the piling works at S11. (This observation closed on 11 June 2014.)

(f) Oily films were observed on the ground near an air pressure pump at S11. The oily films were removed near the air pressure pump at S11. (This observation was found 4 June 2014 and closed on 11 June 2014.)

(g) Dust emission was observed when the vehicle moved at S25. A water bowser tanker was used to spraying water on dry unpaved road at S25. (This observation closed on 11 June 2014.)

(h) A dry unpaved road was found at S25. There was a potential of fugitive dust emission. A water bowser tanker was used to spraying water on dry unpaved road at S25. (This observation closed on 11 June 2014.)

(i) No waste water treatment system/facility was connected to the wheel washing bay at S25. A waste water treatment system/facility was connected to the wheel washing bay at S25. (This observation closed on 11 June 2014.)

11 June 2014

(a) Fugitive dust emission was observed when piling works were undertaken at S11. An impervious layer was provided for the piling works at S11. (This observation was closed on 18 June 2014.)

(b) The cement mixing plant was not covered properly at S11. The cement mixing plant was covered properly at S11. (This observation was closed on 18 June 2014.)

(c) Construction equipment were stored adjacent to the trees at S11. The construction equipment were removed from the trees at S11. (This observation was closed on 18 June 2014.)

(d) Stagnant water was found inside a disused wheel washing bay at N4. Stagnant water was drained from a disused wheel washing bay at N4. (This observation was closed on 18 June 2014.)

(e) The stockpiles of materials were found in dry condition at N13. The stockpiles of dry materials were sprayed with water at N13. (This observation was closed on 18 June 2014.)

(f) Poor condition of noise barrier was found at S16 since the site inspection undertaken on 11 June 2014. The Contractor was reminded to provide maintenance for the noise barrier at S16. Rectification work is in progress.

(g) Sub-standard wheel washing facility was found at S25 since the site inspection undertaken on 11 June 2014. The Contractor was reminded to enhance the wheel washing facility at S25. Rectification work is in progress.

18 June 2014

(a) The overlapping length of the vessel access opening formed by two pieces of silt curtain was found less than 150m. The overlapping length of two pieces of silt curtain for the vessel access opening was observed over 150m. (This observation was closed on 27 June 2014.)

(b) No sandbags were provided along the public road at N13 to avoid washing away of sand from construction site into the public road. Sandbags were provided along the public road. at N13. (This observation was closed on 27 June 2014.)

(c) The noise enclosure was not fully enclosed at S23. Noise enclosure was enclosed fully at S23. (This observation was closed on 27 June 2014.)

(d) Leakage of oil form an excavator was found at S16. Oil stains was cleaned up at S16. (This observation was closed on 27 June 2014.)

(e) Fill materials were found at the edge of vessel of Chung Sheng 308 at S7. Fill materials at the edge of vessel of Chung Sheng 308 at S7. (This observation was closed on 27 June 2014.)

(f) No water drainage channel was provided for flood protection at S15. Drainage system was provided at S15. (This observation was closed on 27 June 2014.)

(g) The impervious sheet of the dump truck was found damaged at S16. Impervious sheet of dump track was repaired at 16. (This observation was closed on 27 June 2014.)

(h) Poor condition of noise barrier was found at S16 since the site inspection on 11 June 2014. Rectification work is in progress. The Contractor was reminded to provide maintenance to noise barrier at S16.

(i) Sub-standard wheel washing facilities was found at S25 since the site inspection on 11 June 2014. Rectification work is in progress. The Contractor was reminded to enhance standard of wheel washing facilities at S25.

27 June 2014

(a) No drip tray and chemical label were provided for the unknown chemicals at N4. The Contractor was reminded to provide drip tray and label to chemical containers at N4.

(b) Stagnant water was found in the wheel washing at N4. The Contractor was reminded to clean up the wheel washing bay regularly at N4.

(c) Insufficient tree protection was found at N4. The Contractor was reminded to remove construction materials and fencing off the tree at N4.

(d) Accumulation of rubbish was found in rubbish disposal area at S15. The Contractor was reminded to remove rubbish frequently at S15.

(e) Leakage of oily film was found from the drip tray at S15. The Contractor should provide the stopper to drip tray to avoid oil leakage at S15.

(f) Stagnant water was found in the drip tray at N1. The Contractor was reminded to remove stagnant water at N1.

(g) Opening of water barrier without cover was observed at N1. The Contractor was reminded to seal the water barrier at N1.

(j) Poor condition of noise barrier was found at S16 since the site inspection on 11 June 2014. Rectification work is in progress. The Contractor was reminded to provide maintenance to noise barrier at S16.

(k) Sub-standard wheel washing facilities was found at S25 since the site inspection on 11 June 2014. Rectification work is in progress. The Contractor was reminded to enhance standard of wheel washing facilities at S25.

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 inside the silt curtain 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 AMS 6 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 For marine water quality monitoring, an Action Level exceedance of dissolved oxygen was recorded during the reporting month.

7.6 Summary of Complaints, Notification of Summons and Successful Prosecution

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

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

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

8 FUTURE KEY ISSUES

8.1 Construction Programme for the Coming Months

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

Table 7.1 Construction Activities for July 2014

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

8.2 Environmental Monitoring Scheme for the Coming Month

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

9 CONCLUSION

9.1 Conclusions

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

Air Quality

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.

Noise

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

Water Quality

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

Dolphin

9.1.5 During the June'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 (June - August 2014) and baseline monitoring period (3-month period) will be made.

Mudflat

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

9.1.8 The June 2014 survey results indicate that the impacts of the HKLR project could not be detected on horseshoe crabs, seagrass and intertidal soft shore community.

Environmental Site Inspection and Audit

9.1.9 Environmental site inspection was carried out on 4, 11, 18 and 27 June 2014. Recommendations on remedial actions were given to the Contractors for the deficiencies identified during the site inspections.

9.1.10 There were no complaints received during the reporting month.

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

FIGURES

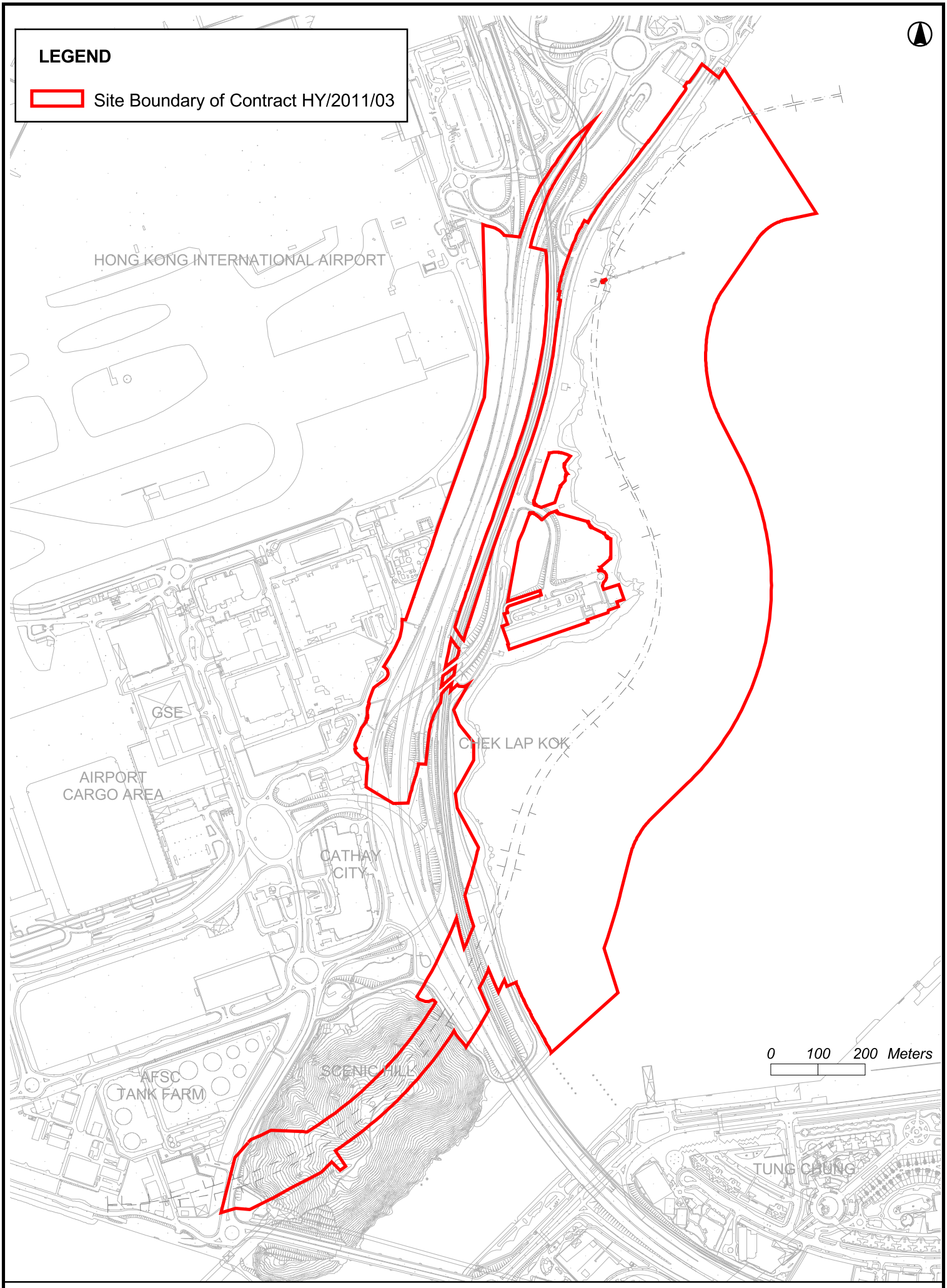

Figure 1.1 Location of the Site

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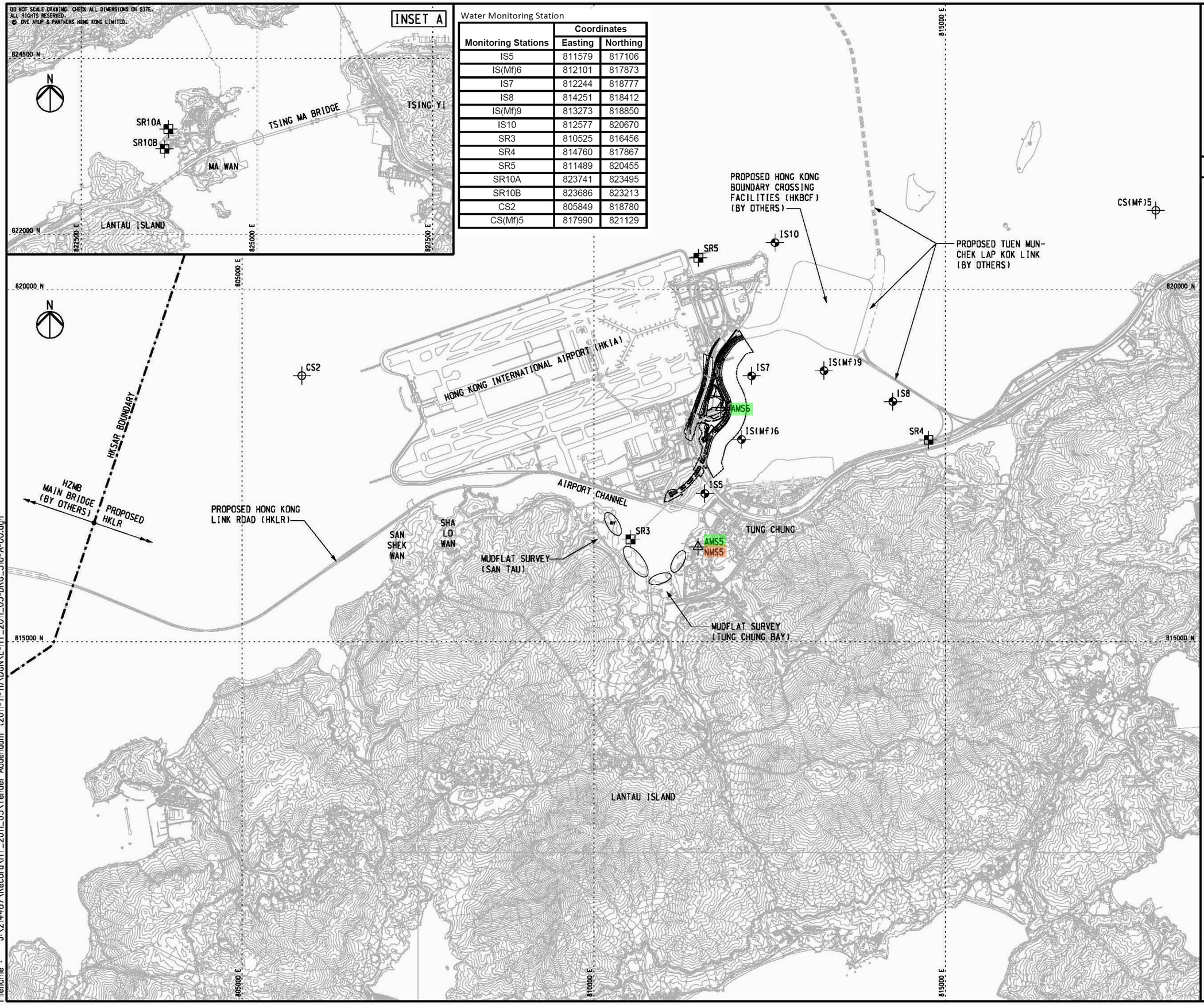
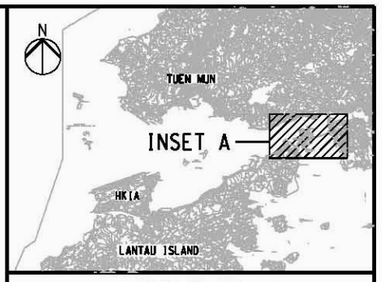
INSET A

Water Monitoring Station

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





KEY PLAN

NOTES

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

LEGEND

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

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

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

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

Drawing title
ENVIRONMENTAL MONITORING STATIONS

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

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

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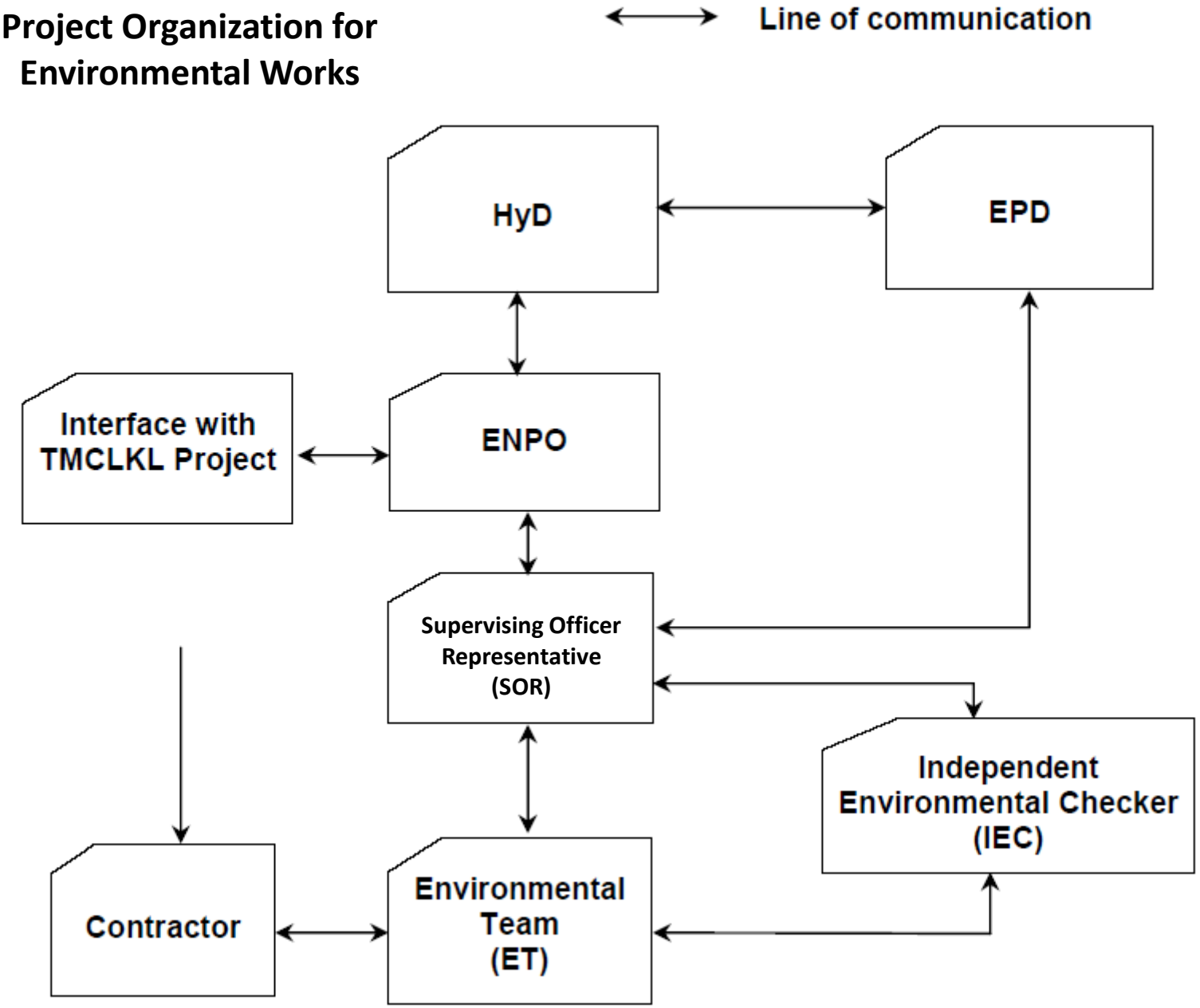
Passenger Terminal
Control Tower
Air Traffic Control Complex
CHEK LAP KOK
Lawn
Runway
Air Mail Centre
Super Terminal
Asia Airfreight Terminal
Business Aviation Centre
Airport Freight Forwarding Centre
Fuel Tank
SCENIC HILL
Ferry Pier
TUNG CHUNG
CHEK LAP KOK SOUTH ROAD
Pak Sha Tsui
Tung Chung Battery
Tung Chung Bay
Ma Wan Chung
Wong Nai Uk
Ma Wan New Village
Tung Chung Fort
Tung Chung Fortress
Kau Liu Tsui
San Tau
Tin Sam
HOK
MASS TRANSIT RAILWAY
LANTAU EXPRESSWAY
NORTH
Scenic Crescent
Tung Chung Crescent
Tung Chung East
Tung Chung Road
Tung Chung Tourist
Tung Chung Town Centre
Tung Chung Waterfront Road
Tung Chung Crescent
Tung Chung Fort Road
Tung Chung Road
Tung Chung Tourist Road

APPENDIX A

Environmental Management Structure

Project Organization for Environmental Works



APPENDIX B

Construction Programme

FILE: 3M25 (Rev.00)

Sheet 1 of 6

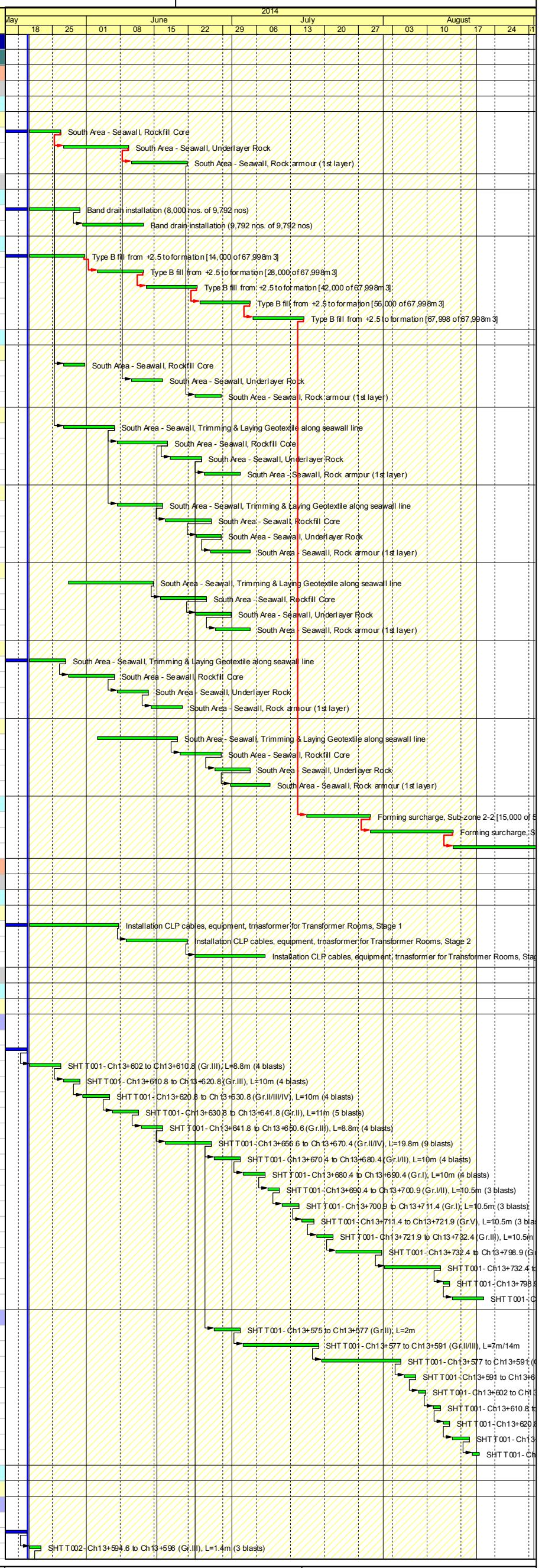
3-Months Rolling Programme (ER Part 5 & SCC 27(9))

(June 2014 to August 2014)

Layout HZMB - Layout 2 (3M Rolling Prog)(3M25)

TASK filters: 3M25, HZMB No Level Effort.

Activity ID	Activity Name	Dur. (days)	Start	Finish	Activity % Complete	Remarks
3 MONTHS PROGRAMME HY/2011/03 (June 2014 to August 2014)(Rev0)						
WORKS IN SOUTH AREA - CH 13+516 to CH 15+050 (SCENIC HILL TUNNEL, MT & CCT)						
Reclamation Works						
Reclamation Works - SWCH0+000 to SWCH 0+570						
Seawall Construction (South Area) - CH. 0+430 to CH 0+600 - 70m						
SWCH 0+430 to SWCH 0+600 - 170m						
SW1100	South Area - Seawall, Rockfill Core	11	30-Apr-14 A	26-May-14	50%	Behind Programme
SW1110	South Area - Seawall, Underlayer Rock	14	27-May-14	09-Jun-14	0%	
SW1120	South Area - Seawall, Rock armour (1st layer)	14	10-Jun-14	21-Jun-14	0%	
Reclamation Works - SWCH0+570 to SWCH 0+960						
Band Drains						
RSC1076-5	Band drain installation (8,000 nos. of 9,792 nos)	13	04-Apr-14 A	30-May-14	38%	Behind Programme
RSC1076-6	Band drain installation (9,792 nos. of 9,792 nos)	13	31-May-14	12-Jun-14	0%	
General Fill to Formation +5.5mPD						
RSC1077-1	Type B fill from +2.5 to formation [14,000 of 67,998m3]	11	04-Apr-14 A	31-May-14	64%	Behind Programme
RSC1077-2	Type B fill from +2.5 to formation [28,000 of 67,998m3]	11	03-Jun-14	12-Jun-14	0%	
RSC1077-3	Type B fill from +2.5 to formation [42,000 of 67,998m3]	11	13-Jun-14	23-Jun-14	0%	
RSC1077-4	Type B fill from +2.5 to formation [56,000 of 67,998m3]	11	24-Jun-14	04-Jul-14	0%	
RSC1077-5	Type B fill from +2.5 to formation [67,998 of 67,998m3]	11	05-Jul-14	15-Jul-14	0%	
Seawall Construction (South Area) - CH 0+600 to CH 0+980						
SWCH 0+600 to SWCH 0+640 - 40m						
SW0910	South Area - Seawall, Rockfill Core	6	27-May-14	31-May-14	0%	
SW0920	South Area - Seawall, Underlayer Rock	8	10-Jun-14	16-Jun-14	0%	
SW0930	South Area - Seawall, Rock armour (1st layer)	8	23-Jun-14	28-Jun-14	0%	
SWCH 0+640 to SWCH 0+720 - 80m						
SW1200	South Area - Seawall, Trimming & Laying Geotextile along seawall line	11	27-May-14	06-Jun-14	0%	
SW1210	South Area - Seawall, Rockfill Core	11	07-Jun-14	17-Jun-14	0%	
SW1220	South Area - Seawall, Underlayer Rock	8	18-Jun-14	24-Jun-14	0%	
SW1230	South Area - Seawall, Rock armour (1st layer)	8	25-Jun-14	02-Jul-14	0%	
SWCH 0+720 to SWCH 0+780 - 60m						
SW1300	South Area - Seawall, Trimming & Laying Geotextile along seawall line	10	07-Jun-14	16-Jun-14	0%	
SW1310	South Area - Seawall, Rockfill Core	11	17-Jun-14	26-Jun-14	0%	
SW1320	South Area - Seawall, Underlayer Rock	7	23-Jun-14	28-Jun-14	0%	
SW1330	South Area - Seawall, Rock armour (1st layer)	8	26-Jun-14	04-Jul-14	0%	
SWCH 0+780 to SWCH 0+850 - 70m						
SW1400	South Area - Seawall, Trimming & Laying Geotextile along seawall line	19	28-May-14*	14-Jun-14	0%	
SW1410	South Area - Seawall, Rockfill Core	11	16-Jun-14	25-Jun-14	0%	
SW1420	South Area - Seawall, Underlayer Rock	8	23-Jun-14	30-Jun-14	0%	
SW1430	South Area - Seawall, Rock armour (1st layer)	7	27-Jun-14	04-Jul-14	0%	
SWCH 0+850 to SWCH 0+900 - 50m						
SW1500	South Area - Seawall, Trimming & Laying Geotextile along seawall line	11	05-May-14 A	27-May-14	40%	Behind Programme
SW1510	South Area - Seawall, Rockfill Core	10	28-May-14	06-Jun-14	0%	
SW1520	South Area - Seawall, Underlayer Rock	8	07-Jun-14	13-Jun-14	0%	
SW1530	South Area - Seawall, Rock armour (1st layer)	8	14-Jun-14	20-Jun-14	0%	
SWCH 0+900 to SWCH 0+960 - 60m						
SW1600	South Area - Seawall, Trimming & Laying Geotextile along seawall line	19	03-Jun-14*	19-Jun-14	0%	
SW1610	South Area - Seawall, Rockfill Core	10	20-Jun-14	28-Jun-14	0%	
SW1620	South Area - Seawall, Underlayer Rock	7	27-Jun-14	04-Jul-14	0%	
SW1630	South Area - Seawall, Rock armour (1st layer)	8	30-Jun-14	08-Jul-14	0%	
Surcharge						
RSC1167-1	Forming surcharge, Sub-zone 2-2 [15,000 of 50,000m3]	14	16-Jul-14	29-Jul-14	0%	
RSC1167-2	Forming surcharge, Sub-zone 2-2 [30,000 of 50,000m3]	19	29-Jul-14	15-Aug-14	0%	
RSC1167-3	Forming surcharge, Sub-zone 2-2 [50,000 of 50,000m3]	19	15-Aug-14	02-Sep-14	0%	
SHT Mined Tunnel Works at Scenic Hill, Ch 13+516 to 14+016 (500m)						
Mined Tunnel West Portal Works						
Site Formation						
Temp. Transformer Room						
SHT9792-6	Installation CLP cables, equipment, trnasformer for Transformer Rooms, Sta	15	08-May-14 A	07-Jun-14	50%	
SHT9792-16	Installation CLP cables, equipment, trnasformer for Transformer Rooms, Sta	15	09-Jun-14	21-Jun-14	0%	
SHT9792-26	Installation CLP cables, equipment, trnasformer for Transformer Rooms, Sta	15	23-Jun-14	07-Jul-14	0%	
Mined Tunnel through Scenic Hill [480m Approx.]						
To Zhuhai-Macao [4-Lane] Carriageway - T001						
From West-end - 250m Approx.						
T001 Tunnel Excavation (Drill & Blast)- Heading						
SHT9742-3	SHT T001 - Ch13+577 to Ch13+591 (Gr.II/III), L=14m/14m (15 blasts)	15	28-Apr-14 A	11-May-14 A	100%	Behind Programme
SHT9742-4	SHT T001 - Ch13+591 to Ch13+602 (Gr.III/IV), L=11m (5 blasts)	5	12-May-14 A	19-May-14 A	100%	Behind Programme
SHT9742-5	SHT T001 - Ch13+602 to Ch13+610.8 (Gr.III), L=8.8m (4 blasts)	4	20-May-14 A	26-May-14	50%	Behind Programme
SHT9742-6	SHT T001 - Ch13+610.8 to Ch13+620.8 (Gr.III), L=10m (4 blasts)	4	27-May-14	30-May-14	0%	
SHT9742-7	SHT T001 - Ch13+620.8 to Ch13+630.8 (Gr.II/III/IV), L=10m (4 blasts)	4	31-May-14	05-Jun-14	0%	
SHT9742-8	SHT T001 - Ch13+630.8 to Ch13+641.8 (Gr.II), L=11m (5 blasts)	5	06-Jun-14	11-Jun-14	0%	
SHT9742-9	SHT T001 - Ch13+641.8 to Ch13+650.6 (Gr.III), L=8.8m (4 blasts)	4	12-Jun-14	16-Jun-14	0%	
SHT9742-10	SHT T001 - Ch13+656.6 to Ch13+670.4 (Gr.II/IV), L=19.8m (9 blasts)	9	17-Jun-14	26-Jun-14	0%	
SHT9742-11	SHT T001 - Ch13+670.4 to Ch13+680.4 (Gr.I/II), L=10m (4 blasts)	4	27-Jun-14	02-Jul-14	0%	
SHT9742-12	SHT T001 - Ch13+680.4 to Ch13+690.4 (Gr.I), L=10m (4 blasts)	4	03-Jul-14	07-Jul-14	0%	
SHT9742-13	SHT T001 - Ch13+690.4 to Ch13+700.9 (Gr.I/II), L=10.5m (3 blasts)	3	08-Jul-14	10-Jul-14	0%	
SHT9742-14	SHT T001 - Ch13+700.9 to Ch13+711.4 (Gr.I), L=10.5m (3 blasts)	3	11-Jul-14	14-Jul-14	0%	
SHT9742-15	SHT T001 - Ch13+711.4 to Ch13+721.9 (Gr.V), L=10.5m (3 blasts)	3	15-Jul-14	17-Jul-14	0%	
SHT9742-16	SHT T001 - Ch13+721.9 to Ch13+732.4 (Gr.III), L=10.5m (3 blasts)	3	18-Jul-14	21-Jul-14	0%	
SHT9742-17	SHT T001 - Ch13+732.4 to Ch13+798.9 (Gr.I/II), L= 33m/66.5m (9 blasts)	9	22-Jul-14	31-Jul-14	0%	
SHT9742-18	SHT T001 - Ch13+732.4 to Ch13+798.9 (Gr.I/II), L= 66.5m/66.5m (10 blasts)	10	01-Aug-14	12-Aug-14	0%	
SHT9742-19	SHT T001 - Ch13+798.9 to Ch13+805.9 (Gr.IV), L= 7m (2blasts)	2	13-Aug-14	14-Aug-14	0%	
SHT9742-20	SHT T001 - Ch13+805.9 to Ch13+826.9 (Gr.II/III), L= 21m (6 blasts)	6	15-Aug-14	21-Aug-14	0%	
T001 Tunnel Excavation (Drill & Blast) - Bench						
SHT9743-1	SHT T001 - Ch13+575 to Ch13+577 (Gr.II), L=2m	4	27-Jun-14	02-Jul-14	0%	
SHT9743-2	SHT T001 - Ch13+577 to Ch13+591 (Gr.II/III), L=7m/14m	14	03-Jul-14	18-Jul-14	0%	
SHT9743-3	SHT T001 - Ch13+577 to Ch13+591 (Gr.II/III), L=14m/14m	14	19-Jul-14	04-Aug-14	0%	
SHT9743-4	SHT T001 - Ch13+591 to Ch13+602 (Gr.III/IV), L=11m	3	05-Aug-14	07-Aug-14	0%	
SHT9743-5	SHT T001 - Ch13+602 to Ch13+610.8 (Gr.III), L=8.8m	2	08-Aug-14	09-Aug-14	0%	
SHT9743-6	SHT T001 - Ch13+610.8 to Ch13+620.8 (Gr.III), L=10m	2	11-Aug-14	12-Aug-14	0%	
SHT9743-7	SHT T001 - Ch13+620.8 to Ch13+630.8 (Gr.II/III/IV), L=10m	2	13-Aug-14	14-Aug-14	0%	
SHT9743-8	SHT T001 - Ch13+630.8 to Ch13+641.8 (Gr.II), L=11m	3	15-Aug-14	18-Aug-14	0%	
SHT9743-9	SHT T001 - Ch13+641.8 to Ch13+650.6 (Gr.III), L=8.8m	2	19-Aug-14	20-Aug-14	0%	
To HKBCF [3-Lane] Carriageway - T002						
From West-end - 250m Approx.						
Drill and Blast Works (192m2) (550lining and 500overbreak)						
SHT9758-2	SHT T002 - Ch13+582 to Ch13+590.4 (Gr.III), L=8.4m/8.4m (9 blasts)	9	10-May-14 A	14-May-14 A	100%	Behind Programme
SHT9758-3	SHT T002 - Ch13+590.4 to Ch13+594.6 (Gr.III), L=4.2m (9 blasts)	9	15-May-14 A	19-May-14 A	100%	Behind Programme
SHT9758-4	SHT T002 - Ch13+594.6 to Ch13+596 (Gr.III), L=1.4m (3 blasts)	3	20-May-14 A	22-May-14	50%	Behind Programme



Works Programme

Works Programme

Works Programme

Milestone

Milestone

Works Programme

China State Construction Engineering (Hong Kong) Ltd

-

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

, Section between Scenic Hill and HKBCF

Prepared by WC/MM			
Date	Revision	Chec…	Approved
30-May-1…		HKC	SYT

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

FILE: 3M25 (Rev.00)

Sheet 2 of 6

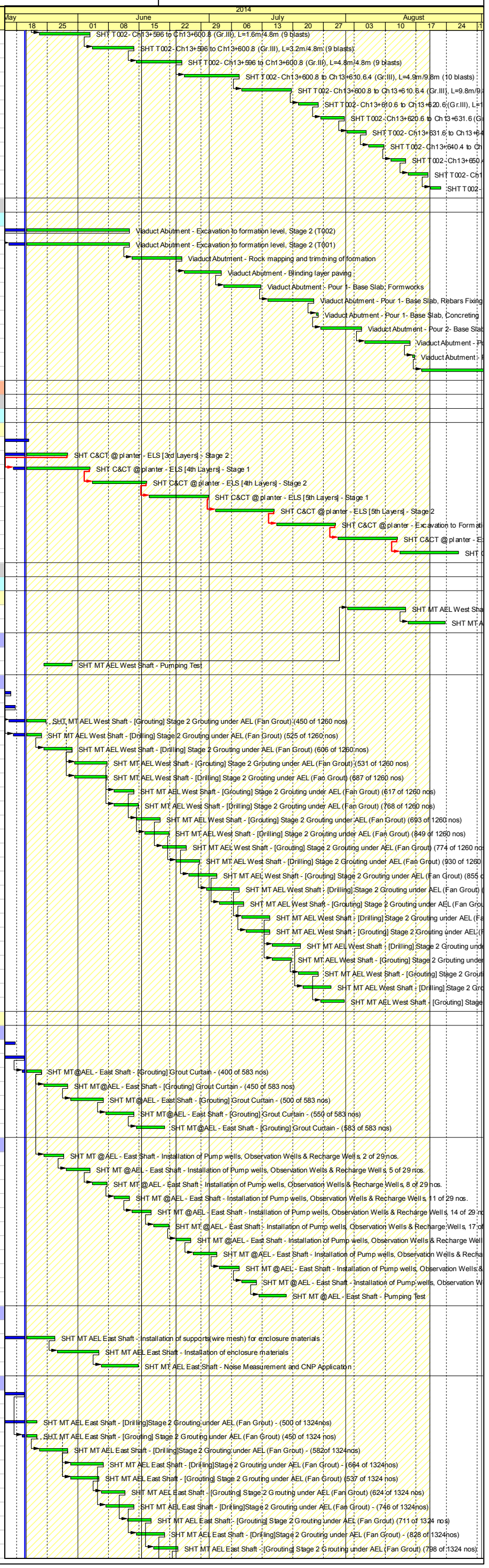
3-Months Rolling Programme (ER Part 5 & SCC 27(9))

(June 2014 to August 2014)

Layout HZMB - Layout 2 (3M Rolling Prog)(3M25)

TASK filters: 3M25, HZMB No Level Effort.

Activity ID	Activity Name	Dur. (days)	Start	Finish	Activity % Complete	Remarks
SHT9758-5	SHT T002- Ch13+596 to Ch13+600.8 (Gr.III), L=1.6m/4.8m (9 blasts)	9	23-May-14	03-Jun-14	0%	
SHT9758-6	SHT T002- Ch13+596 to Ch13+600.8 (Gr.III), L=3.2m/4.8m (9 blasts)	9	04-Jun-14	13-Jun-14	0%	
SHT9758-7	SHT T002- Ch13+596 to Ch13+600.8 (Gr.III), L=4.8m/4.8m (9 blasts)	9	14-Jun-14	24-Jun-14	0%	
SHT9758-8	SHT T002- Ch13+600.8 to Ch13+610.6.4 (Gr.III), L=4.9m/9.8m (10 blasts)	10	25-Jun-14	07-Jul-14	0%	
SHT9758-9	SHT T002- Ch13+600.8 to Ch13+610.6.4 (Gr.III), L=9.8m/9.8m (11 blasts)	11	08-Jul-14	19-Jul-14	0%	
SHT9758-10	SHT T002- Ch13+610.6 to Ch13+620.6 (Gr.III), L=10m (5 blasts)	5	21-Jul-14	25-Jul-14	0%	
SHT9758-11	SHT T002- Ch13+620.6 to Ch13+631.6 (Gr.III/IV), L=11m (5 blasts)	5	26-Jul-14	31-Jul-14	0%	
SHT9758-12	SHT T002- Ch13+631.6 to Ch13+640.4 (Gr.III), L=8.8m (4 blasts)	4	01-Aug-14	05-Aug-14	0%	
SHT9758-13	SHT T002- Ch13+640.4 to Ch13+650.4 (Gr.III), L=10m (4 blasts)	4	06-Aug-14	09-Aug-14	0%	
SHT9758-14	SHT T002- Ch13+650.4 to Ch13+660.4 (Gr.III), L=10m (4 blasts)	4	11-Aug-14	14-Aug-14	0%	
SHT9758-15	SHT T002- Ch13+660.4 to Ch13+672.4 (Gr.III), L=12m (4 blasts)	4	15-Aug-14	19-Aug-14	0%	
SHT9758-16	SHT T002- Ch13+672.4 to Ch13+681.4 (Gr.III), L=9m (3 blasts)	3	20-Aug-14	22-Aug-14	0%	
Viaduct Abutment at West Portal of SHT						
Construction						
ABT1040-3	Viaduct Abutment - Excavation to formation level, Stage 2 (T002)	15	02-May-14 A	12-Jun-14	80%	
ABT1040-4	Viaduct Abutment - Excavation to formation level, Stage 2 (T001)	15	16-May-14 A	12-Jun-14	70%	
ABT1040-5	Viaduct Abutment - Rock mapping and trimming of formation	10	13-Jun-14	24-Jun-14	0%	
ABT1040-6	Viaduct Abutment - Blinding layer paving	7	25-Jun-14	03-Jul-14	0%	
ABT1050-1	Viaduct Abutment - Pour 1- Base Slab, Formworks	8	04-Jul-14	12-Jul-14	0%	
ABT1050-2	Viaduct Abutment - Pour 1- Base Slab, Rebars Fixing	10	14-Jul-14	24-Jul-14	0%	
ABT1050-3	Viaduct Abutment - Pour 1- Base Slab, Concreting	1	25-Jul-14	25-Jul-14	0%	
ABT1050-4	Viaduct Abutment - Pour 2- Base Slab, Formworks	8	26-Jul-14	04-Aug-14	0%	
ABT1050-5	Viaduct Abutment - Pour 2- Base Slab, Rebars Fixing	10	05-Aug-14	15-Aug-14	0%	
ABT1050-6	Viaduct Abutment - Pour 2- Base Slab, Concreting	1	16-Aug-14	16-Aug-14	0%	
ABT1050-7	Viaduct Abutment - Wall Stem - Shear key (formworks, rebar fixing, concreti	15	18-Aug-14	03-Sep-14	0%	
CCT Works across Airport Road at Ch 14+016 to 14+222 (206m)						
CCT [East Access Shaft] (Shaft 1)						
Civil & Structurals Works						
ELS Works						
SHT1089-5	SHT C&CT @ planter - ELS [3rd Layers] - Stage 1	14	18-Mar-14 A	20-May-14 A	100%	Behind Programme
SHT1089-6	SHT C&CT @ planter - ELS [3rd Layers] - Stage 2	14	24-Mar-14 A	29-May-14	70%	Behind Programme
SHT1089-7	SHT C&CT @ planter - ELS [4th Layers] - Stage 1	14	17-May-14 A	03-Jun-14	5%	Behind Programme
SHT1089-8	SHT C&CT @ planter - ELS [4th Layers] - Stage 2	14	04-Jun-14	16-Jun-14	0%	
SHT1089-9	SHT C&CT @ planter - ELS [5th Layers] - Stage 1	15	17-Jun-14	30-Jun-14	0%	
SHT1089-10	SHT C&CT @ planter - ELS [5th Layers] - Stage 2	15	02-Jul-14	15-Jul-14	0%	
SHT1089-11	SHT C&CT @ planter - Excavation to Formation Level - Stage 1	15	16-Jul-14	29-Jul-14	0%	
SHT1089-12	SHT C&CT @ planter - Excavation to Formation Level - Stage 2	15	30-Jul-14	12-Aug-14	0%	
SHT1089-13	SHT C&CT @ planter - Excavation to Formation Level - Stage 3	15	13-Aug-14	26-Aug-14	0%	
Mined Tunnel Underneath AEL Ch 14+128 to Ch 14+175						
Civil & Structurals Works						
SHT MT - ELS for AEL West Shaft (Shaft 2)						
SHT1844-1	SHT MT AEL West Shaft - ELS works (1st layer), Stage 1	15	01-Aug-14	14-Aug-14	0%	
SHT1844-11	SHT MT AEL West Shaft - ELS works (1st layer), Stage 2	10	15-Aug-14	23-Aug-14	0%	
Pumping Test						
SHT9817-10	SHT MT AEL West Shaft - Installation of Pump wells, Observation Wells & Re	5	07-May-14 A	10-May-14 A	100%	Behind Programme
SHT9817-11	SHT MT AEL West Shaft - Pumping Test	8	24-May-14*	30-May-14	0%	
Stage 2 - Fan Grouting						
SHT1836-08	SHT MT AEL West Shaft - [Grouting] Stage 2 Grouting under AEL (Fan Grout	14	02-May-14 A	16-May-14 A	100%	
SHT1835-12	SHT MT AEL West Shaft - [Drilling] Stage 2 Grouting under AEL (Fan Grout)	15	09-May-14 A	17-May-14 A	100%	
SHT1836-09	SHT MT AEL West Shaft - [Grouting] Stage 2 Grouting under AEL (Fan Grout	14	16-May-14 A	24-May-14	36%	
SHT1835-13	SHT MT AEL West Shaft - [Drilling] Stage 2 Grouting under AEL (Fan Grout)	15	17-May-14 A	23-May-14	30%	
SHT1835-14	SHT MT AEL West Shaft - [Drilling] Stage 2 Grouting under AEL (Fan Grout)	8	24-May-14	30-May-14	0%	
SHT1836-10	SHT MT AEL West Shaft - [Grouting] Stage 2 Grouting under AEL (Fan Grout	8	31-May-14	07-Jun-14	0%	
SHT1835-15	SHT MT AEL West Shaft - [Drilling] Stage 2 Grouting under AEL (Fan Grout)	8	31-May-14	07-Jun-14	0%	
SHT1836-11	SHT MT AEL West Shaft - [Grouting] Stage 2 Grouting under AEL (Fan Grout	6	09-Jun-14	13-Jun-14	0%	
SHT1835-16	SHT MT AEL West Shaft - [Drilling] Stage 2 Grouting under AEL (Fan Grout)	8	09-Jun-14	14-Jun-14	0%	
SHT1836-12	SHT MT AEL West Shaft - [Grouting] Stage 2 Grouting under AEL (Fan Grout	6	14-Jun-14	19-Jun-14	0%	
SHT1835-17	SHT MT AEL West Shaft - [Drilling] Stage 2 Grouting under AEL (Fan Grout)	8	16-Jun-14	21-Jun-14	0%	
SHT1836-13	SHT MT AEL West Shaft - [Grouting] Stage 2 Grouting under AEL (Fan Grout	6	20-Jun-14	25-Jun-14	0%	
SHT1835-18	SHT MT AEL West Shaft - [Drilling] Stage 2 Grouting under AEL (Fan Grout)	8	23-Jun-14	28-Jun-14	0%	
SHT1836-14	SHT MT AEL West Shaft - [Grouting] Stage 2 Grouting under AEL (Fan Grout	6	26-Jun-14	02-Jul-14	0%	
SHT1835-19	SHT MT AEL West Shaft - [Drilling] Stage 2 Grouting under AEL (Fan Grout)	8	30-Jun-14	07-Jul-14	0%	
SHT1836-15	SHT MT AEL West Shaft - [Grouting] Stage 2 Grouting under AEL (Fan Grout	6	03-Jul-14	08-Jul-14	0%	
SHT1835-20	SHT MT AEL West Shaft - [Drilling] Stage 2 Grouting under AEL (Fan Grout)	8	08-Jul-14	14-Jul-14	0%	
SHT1836-16	SHT MT AEL West Shaft - [Grouting] Stage 2 Grouting under AEL (Fan Grout	6	09-Jul-14	14-Jul-14	0%	
SHT1835-21	SHT MT AEL West Shaft - [Drilling] Stage 2 Grouting under AEL (Fan Grout)	8	15-Jul-14	21-Jul-14	0%	
SHT1836-17	SHT MT AEL West Shaft - [Grouting] Stage 2 Grouting under AEL (Fan Grout	6	15-Jul-14	19-Jul-14	0%	
SHT1836-18	SHT MT AEL West Shaft - [Grouting] Stage 2 Grouting under AEL (Fan Grout	6	21-Jul-14	25-Jul-14	0%	
SHT1835-22	SHT MT AEL West Shaft - [Drilling] Stage 2 Grouting under AEL (Fan Grout)	8	22-Jul-14	28-Jul-14	0%	
SHT1836-19	SHT MT AEL West Shaft - [Grouting] Stage 2 Grouting under AEL (Fan Grout	6	26-Jul-14	31-Jul-14	0%	
SHT MT - ELS for AEL East Shaft (Shaft 3)						
Pipe Pile & Grout Curtain						
SHT1908-12	SHT MT@AEL - East Shaft - [Drilling] Grout Curtain - (583 of 583 nos)	10	23-Apr-14 A	17-May-14 A	100%	Behind Programme
SHT1907-07	SHT MT@AEL - East Shaft - [Grouting] Grout Curtain - (350 of 583 nos)	10	03-May-14 A	19-May-14 A	100%	Behind Programme
SHT1907-08	SHT MT@AEL - East Shaft - [Grouting] Grout Curtain - (400 of 583 nos)	10	19-May-14 A	23-May-14	20%	Behind Programme
SHT1907-09	SHT MT@AEL - East Shaft - [Grouting] Grout Curtain - (450 of 583 nos)	6	24-May-14	29-May-14	0%	
SHT1907-10	SHT MT@AEL - East Shaft - [Grouting] Grout Curtain - (500 of 583 nos)	8	30-May-14	06-Jun-14	0%	
SHT1907-11	SHT MT@AEL - East Shaft - [Grouting] Grout Curtain - (550 of 583 nos)	8	07-Jun-14	13-Jun-14	0%	
SHT1907-12	SHT MT@AEL - East Shaft - [Grouting] Grout Curtain - (583 of 583 nos)	8	14-Jun-14	20-Jun-14	0%	
Pumping Test						
SHT9867-1	SHT MT @AEL - East Shaft - Installation of Pump wells, Observation Wells &	5	24-May-14	28-May-14	0%	
SHT9867-2	SHT MT @AEL - East Shaft - Installation of Pump wells, Observation Wells &	5	29-May-14	03-Jun-14	0%	
SHT9867-3	SHT MT @AEL - East Shaft - Installation of Pump wells, Observation Wells &	5	04-Jun-14	07-Jun-14	0%	
SHT9867-4	SHT MT @AEL - East Shaft - Installation of Pump wells, Observation Wells &	5	09-Jun-14	12-Jun-14	0%	
SHT9867-5	SHT MT @AEL - East Shaft - Installation of Pump wells, Observation Wells &	5	13-Jun-14	17-Jun-14	0%	
SHT9867-6	SHT MT @AEL - East Shaft - Installation of Pump wells, Observation Wells &	5	18-Jun-14	21-Jun-14	0%	
SHT9867-7	SHT MT @AEL - East Shaft - Installation of Pump wells, Observation Wells &	5	23-Jun-14	26-Jun-14	0%	
SHT9867-8	SHT MT @AEL - East Shaft - Installation of Pump wells, Observation Wells &	5	27-Jun-14	02-Jul-14	0%	
SHT9867-9	SHT MT @AEL - East Shaft - Installation of Pump wells, Observation Wells &	5	03-Jul-14	07-Jul-14	0%	
SHT9867-10	SHT MT @AEL - East Shaft - Installation of Pump wells, Observation Wells &	5	08-Jul-14	11-Jul-14	0%	
SHT9867-12	SHT MT @AEL - East Shaft - Pumping Test	7	12-Jul-14	18-Jul-14	0%	
Noise Enclosure Fabrication (AEL West Shaft)						
SHT1845-103	SHT MT AEL East Shaft - Fabrication/erection of Roof Supports & bracings	10	07-May-14 A	14-May-14 A	100%	
SHT1845-104	SHT MT AEL East Shaft - Installation of supports(wire mesh) for enclosure m	10	15-May-14 A	26-May-14	50%	
SHT1845-105	SHT MT AEL East Shaft - Installation of enclosure materials	10	27-May-14	05-Jun-14	0%	
SHT1845-106	SHT MT AEL East Shaft - Noise Measurement and CNP Application	10	06-Jun-14	14-Jun-14	0%	
Stage 2 - Fan Grouting						
SHT1846-08	SHT MT AEL East Shaft - [Grouting] Stage 2 Grouting under AEL (Fan Grout)	15	02-May-14 A	19-May-14 A	100%	
SHT1845-12	SHT MT AEL East Shaft - [Drilling]Stage 2 Grouting under AEL (Fan Grout) -	15	07-May-14 A	14-May-14 A	100%	
SHT1845-13	SHT MT AEL East Shaft - [Drilling]Stage 2 Grouting under AEL (Fan Grout) -	15	14-May-14 A	22-May-14	74%	
SHT1846-09	SHT MT AEL East Shaft - [Grouting] Stage 2 Grouting under AEL (Fan Grout)	14	19-May-14 A	22-May-14	18%	
SHT1845-14	SHT MT AEL East Shaft - [Drilling]Stage 2 Grouting under AEL (Fan Grout) -	8	23-May-14	29-May-14	0%	
SHT1845-15	SHT MT AEL East Shaft - [Drilling]Stage 2 Grouting under AEL (Fan Grout) -	8	30-May-14	06-Jun-14	0%	
SHT1846-10	SHT MT AEL East Shaft - [Grouting] Stage 2 Grouting under AEL (Fan Grout)	6	30-May-14	05-Jun-14	0%	
SHT1846-11	SHT MT AEL East Shaft - [Grouting] Stage 2 Grouting under AEL (Fan Grout)	6	06-Jun-14	11-Jun-14	0%	
SHT1845-16	SHT MT AEL East Shaft - [Drilling]Stage 2 Grouting under AEL (Fan Grout) -	8	07-Jun-14	13-Jun-14	0%	
SHT1846-12	SHT MT AEL East Shaft - [Grouting] Stage 2 Grouting under AEL (Fan Grout)	6	12-Jun-14	17-Jun-14	0%	
SHT1845-17	SHT MT AEL East Shaft - [Drilling]Stage 2 Grouting under AEL (Fan Grout) -	8	14-Jun-14	20-Jun-14	0%	
SHT1846-13	SHT MT AEL East Shaft - [Grouting] Stage 2 Grouting under AEL (Fan Grout)	6	18-Jun-14	23-Jun-14	0%	



FILE: 3M25 (Rev.00)

Sheet 3 of 6

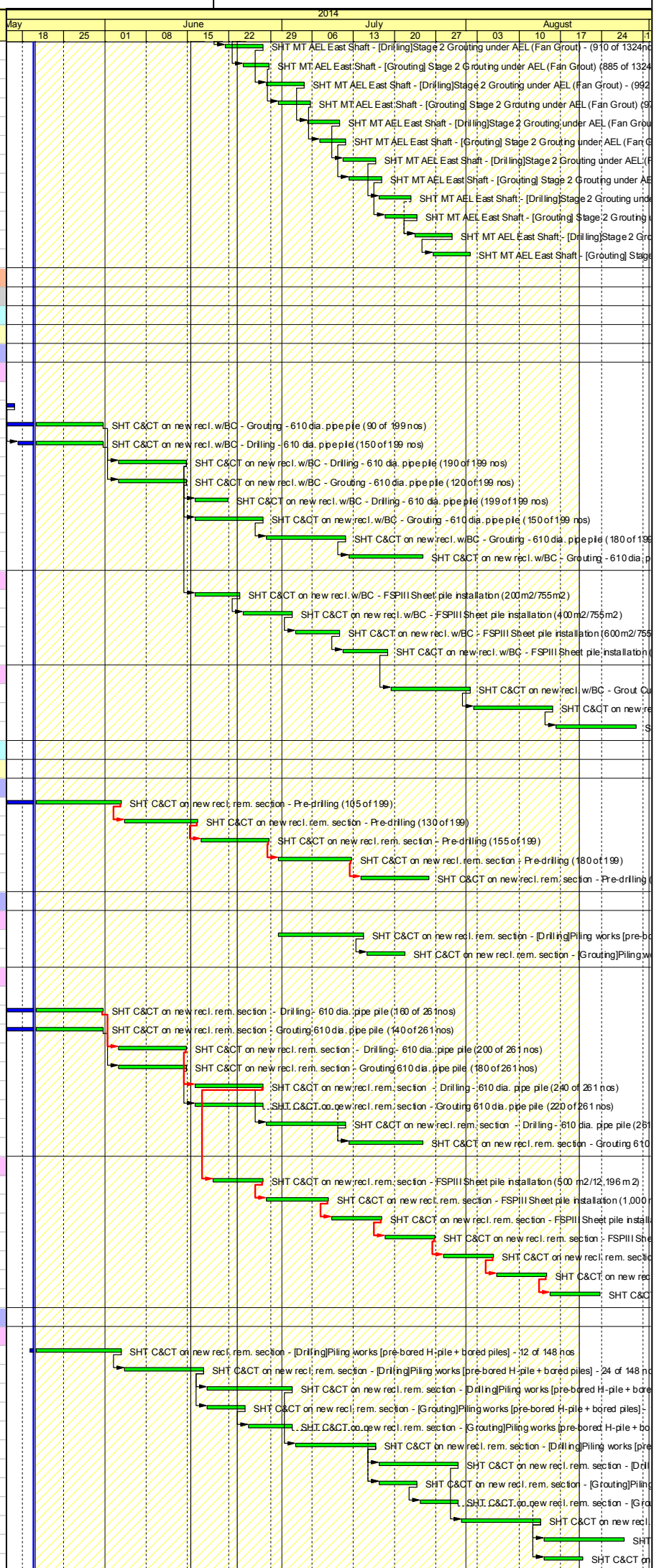
3-Months Rolling Programme (ER Part 5 & SCC 27(9))

(June 2014 to August 2014)

Layout HZMB - Layout 2 (3M Rolling Prog)(3M25)

TASK filters: 3M25, HZMB No Level Effort.

Activity ID	Activity Name	Dur. (days)	Start	Finish	Activity % Complete	Remarks
SHT1845-18	SHT MT AEL East Shaft - [Drilling]Stage 2 Grouting under AEL (Fan Grout) -	8	21-Jun-14	27-Jun-14	0%	
SHT1846-14	SHT MT AEL East Shaft - [Grouting] Stage 2 Grouting under AEL (Fan Grout)	6	24-Jun-14	28-Jun-14	0%	
SHT1845-19	SHT MT AEL East Shaft - [Drilling]Stage 2 Grouting under AEL (Fan Grout) -	6	28-Jun-14	04-Jul-14	0%	
SHT1846-15	SHT MT AEL East Shaft - [Grouting] Stage 2 Grouting under AEL (Fan Grout)	6	30-Jun-14	05-Jul-14	0%	
SHT1845-20	SHT MT AEL East Shaft - [Drilling]Stage 2 Grouting under AEL (Fan Grout) -	6	05-Jul-14	10-Jul-14	0%	
SHT1846-16	SHT MT AEL East Shaft - [Grouting] Stage 2 Grouting under AEL (Fan Grout)	6	07-Jul-14	11-Jul-14	0%	
SHT1845-21	SHT MT AEL East Shaft - [Drilling]Stage 2 Grouting under AEL (Fan Grout) -	6	11-Jul-14	16-Jul-14	0%	
SHT1846-17	SHT MT AEL East Shaft - [Grouting] Stage 2 Grouting under AEL (Fan Grout)	6	12-Jul-14	17-Jul-14	0%	
SHT1845-22	SHT MT AEL East Shaft - [Drilling]Stage 2 Grouting under AEL (Fan Grout) -	6	17-Jul-14	22-Jul-14	0%	
SHT1846-18	SHT MT AEL East Shaft - [Grouting] Stage 2 Grouting under AEL (Fan Grout)	6	18-Jul-14	23-Jul-14	0%	
SHT1845-23	SHT MT AEL East Shaft - [Drilling]Stage 2 Grouting under AEL (Fan Grout) -	7	23-Jul-14	29-Jul-14	0%	
SHT1846-19	SHT MT AEL East Shaft - [Grouting] Stage 2 Grouting under AEL (Fan Grout)	7	26-Jul-14	01-Aug-14	0%	
CCT Works over Reclaimed Area at Ch 14+222 to Ch 15+050 (828m)						
CCT Works - on New Reclamation [490m Approx.]						
CCT Works in Section with the Box Culvert Extension [165m Approx.]						
Civil & Structurals Works						
ZONE A - ELS - Tunnel SHT next to AEL(Extension)						
Dia. 610 Plpe Piling Works						
SHT1848-02	SHT C&CT on new recl. w/BC - Grouting - 610 dia. pipe pile (60 of 199 nos)	14	25-Apr-14 A	14-May-14 A	100%	On Programme
SHT1847-04	SHT C&CT on new recl. w/BC - Drilling - 610 dia. pipe pile (110 of 199 nos)	14	30-Apr-14 A	16-May-14 A	100%	On Programme
SHT1848-03	SHT C&CT on new recl. w/BC - Grouting - 610 dia. pipe pile (90 of 199 nos)	14	14-May-14 A	31-May-14	27%	On Programme
SHT1847-05	SHT C&CT on new recl. w/BC - Drilling - 610 dia. pipe pile (150 of 199 nos)	14	17-May-14 A	31-May-14	15%	On Programme
SHT1847-06	SHT C&CT on new recl. w/BC - Drilling - 610 dia. pipe pile (190 of 199 nos)	14	03-Jun-14	14-Jun-14	0%	
SHT1848-04	SHT C&CT on new recl. w/BC - Grouting - 610 dia. pipe pile (120 of 199 nos)	14	03-Jun-14	14-Jun-14	0%	
SHT1847-07	SHT C&CT on new recl. w/BC - Drilling - 610 dia. pipe pile (199 of 199 nos)	8	16-Jun-14	21-Jun-14	0%	
SHT1848-05	SHT C&CT on new recl. w/BC - Grouting - 610 dia. pipe pile (150 of 199 nos)	14	16-Jun-14	27-Jun-14	0%	
SHT1848-06	SHT C&CT on new recl. w/BC - Grouting - 610 dia. pipe pile (180 of 199 nos)	14	28-Jun-14	11-Jul-14	0%	
SHT1848-07	SHT C&CT on new recl. w/BC - Grouting - 610 dia. pipe pile (199 of 199 nos)	14	12-Jul-14	24-Jul-14	0%	
Sheet Piling Works						
SHT1849-1	SHT C&CT on new recl. w/BC - FSPIII Sheet pile installation (200m2/755m2)	9	16-Jun-14	23-Jun-14	0%	
SHT1849-2	SHT C&CT on new recl. w/BC - FSPIII Sheet pile installation (400m2/755m2)	9	24-Jun-14	02-Jul-14	0%	
SHT1849-3	SHT C&CT on new recl. w/BC - FSPIII Sheet pile installation (600m2/755m2)	9	03-Jul-14	10-Jul-14	0%	
SHT1849-4	SHT C&CT on new recl. w/BC - FSPIII Sheet pile installation (755m2/755m2)	9	11-Jul-14	18-Jul-14	0%	
Grout Curtain and Permeation Grout						
SHT1850-1	SHT C&CT on new recl. w/BC - Grout Curtain, Grouting works-Wall 04	15	19-Jul-14	01-Aug-14	0%	
SHT1850-2	SHT C&CT on new recl. w/BC - Grout Curtain, Grouting works-Wall 06	15	02-Aug-14	15-Aug-14	0%	
SHT1850-3	SHT C&CT on new recl. w/BC - Grout Curtain, Grouting works-Wall 03	15	16-Aug-14	29-Aug-14	0%	
CCT Works in Remaining Section [325m Approx.]						
Civil & Structurals Works						
Pre-drilling Works						
SHT1900-5	SHT C&CT on new recl. rem. section - Pre-drilling (105 of 199)	14	05-May-14 A	03-Jun-14	27%	Ahead Programme
SHT1900-6	SHT C&CT on new recl. rem. section - Pre-drilling (130 of 199)	14	04-Jun-14	16-Jun-14	0%	
SHT1900-7	SHT C&CT on new recl. rem. section - Pre-drilling (155 of 199)	14	17-Jun-14	28-Jun-14	0%	
SHT1900-8	SHT C&CT on new recl. rem. section - Pre-drilling (180 of 199)	14	30-Jun-14	12-Jul-14	0%	
SHT1900-9	SHT C&CT on new recl. rem. section - Pre-drilling (199 of 199)	14	14-Jul-14	25-Jul-14	0%	
ZONE B - ELS - SHT C&CT						
Pre-bored Socketed H-Pile						
SHT1910-12	SHT C&CT on new recl. rem. section - [Drilling]Piling works [pre-bored H-pile	15	30-Jun-14*	14-Jul-14	0%	
SHT1911-12	SHT C&CT on new recl. rem. section - [Grouting]Piling works [pre-bored H-p	8	15-Jul-14	21-Jul-14	0%	
Dia. 610mm Pipe Piling Works						
SHT1913 - 3	SHT C&CT on new recl. rem. section - Grouting 610 dia. pipe pile (100 of 26	14	26-Apr-14 A	10-May-14 A	100%	Ahead Programme
SHT1912 - 4	SHT C&CT on new recl. rem. section - Drilling - 610 dia. pipe pile (160 of 26	14	07-May-14 A	31-May-14	88%	Ahead Programme
SHT1913 - 4	SHT C&CT on new recl. rem. section - Grouting 610 dia. pipe pile (140 of 26	14	10-May-14 A	31-May-14	85%	Ahead Programme
SHT1912 - 5	SHT C&CT on new recl. rem. section - Drilling - 610 dia. pipe pile (200 of 26	14	03-Jun-14	14-Jun-14	0%	
SHT1913 - 5	SHT C&CT on new recl. rem. section - Grouting 610 dia. pipe pile (180 of 26	14	03-Jun-14	14-Jun-14	0%	
SHT1912 - 6	SHT C&CT on new recl. rem. section - Drilling - 610 dia. pipe pile (240 of 26	14	16-Jun-14	27-Jun-14	0%	
SHT1913 - 6	SHT C&CT on new recl. rem. section - Grouting 610 dia. pipe pile (220 of 26	14	16-Jun-14	27-Jun-14	0%	
SHT1912 - 7	SHT C&CT on new recl. rem. section - Drilling - 610 dia. pipe pile (261 of 26	14	28-Jun-14	11-Jul-14	0%	
SHT1913 - 7	SHT C&CT on new recl. rem. section - Grouting 610 dia. pipe pile (261 of 26	14	12-Jul-14	24-Jul-14	0%	
Sheet Piling Works						
SHT1914 - 1	SHT C&CT on new recl. rem. section - FSPIII Sheet pile installation (500 m2.	10	19-Jun-14	27-Jun-14	0%	
SHT1914 - 2	SHT C&CT on new recl. rem. section - FSPIII Sheet pile installation (1,000 m	10	28-Jun-14	08-Jul-14	0%	
SHT1914 - 3	SHT C&CT on new recl. rem. section - FSPIII Sheet pile installation (1,500 m	10	09-Jul-14	17-Jul-14	0%	
SHT1914 - 4	SHT C&CT on new recl. rem. section - FSPIII Sheet pile installation (2,000 m	10	18-Jul-14	26-Jul-14	0%	
SHT1914 - 5	SHT C&CT on new recl. rem. section - FSPIII Sheet pile installation (2,500 m	10	28-Jul-14	05-Aug-14	0%	
SHT1914 - 6	SHT C&CT on new recl. rem. section - FSPIII Sheet pile installation (3,000 m	10	06-Aug-14	14-Aug-14	0%	
SHT1914 - 7	SHT C&CT on new recl. rem. section - FSPIII Sheet pile installation (3,500 m	10	15-Aug-14	23-Aug-14	0%	
ZONE C - ELS - SHT C&CT						
Pre-Bored Socketed H-Pile						
SHT1912-1	SHT C&CT on new recl. rem. section - [Drilling]Piling works [pre-bored H-pile	14	19-May-14 A	03-Jun-14	0%	
SHT1912-2	SHT C&CT on new recl. rem. section - [Drilling]Piling works [pre-bored H-pile	15	04-Jun-14	17-Jun-14	0%	
SHT1912-3	SHT C&CT on new recl. rem. section - [Drilling]Piling works [pre-bored H-pile	15	18-Jun-14	02-Jul-14	0%	
SHT1913-1	SHT C&CT on new recl. rem. section - [Grouting]Piling works [pre-bored H-p	8	18-Jun-14	24-Jun-14	0%	
SHT1913-2	SHT C&CT on new recl. rem. section - [Grouting]Piling works [pre-bored H-p	8	25-Jun-14	02-Jul-14	0%	
SHT1912-4	SHT C&CT on new recl. rem. section - [Drilling]Piling works [pre-bored H-pile	15	03-Jul-14	16-Jul-14	0%	
SHT1912-5	SHT C&CT on new recl. rem. section - [Drilling]Piling works [pre-bored H-pile	15	17-Jul-14	30-Jul-14	0%	
SHT1913-3	SHT C&CT on new recl. rem. section - [Grouting]Piling works [pre-bored H-p	8	17-Jul-14	23-Jul-14	0%	
SHT1913-4	SHT C&CT on new recl. rem. section - [Grouting]Piling works [pre-bored H-p	8	24-Jul-14	30-Jul-14	0%	
SHT1912-6	SHT C&CT on new recl. rem. section - [Drilling]Piling works [pre-bored H-pile	15	31-Jul-14	13-Aug-14	0%	
SHT1912-7	SHT C&CT on new recl. rem. section - [Drilling]Piling works [pre-bored H-pile	15	14-Aug-14	27-Aug-14	0%	
SHT1913-5	SHT C&CT on new recl. rem. section - [Grouting]Piling works [pre-bored H-p	8	14-Aug-14	20-Aug-14	0%	
WORKS IN HAM(HIGHWAY OPERATION & MAINTENANCE AREA) & HAT CCT						
Reclamation Works						
Band Drain						
RSC1330-8	Band drain installation (batch 31,000 of 37,805 nos)	11	04-Apr-14 A	29-May-14	30%	Behind Programme
RSC1330-9	Band drain installation (batch 34,000 of 37,805 nos)	11	30-May-14	10-Jun-14	0%	
RSC1330-10	Band drain installation (batch 37,805 of 37,805 nos)	11	11-Jun-14	20-Jun-14	0%	
General Fill to Formation +5.5 mPD						
RSC1400	Type B fill from +2.5 to formation [Approx. 100,000m3 of 166,630m3]	14	24-Apr-14 A	13-May-14 A	100%	Behind Programme
RSC1410	Type B fill from +2.5 to formation [Approx. 120,000m3 of 166,630m3]	14	14-May-14 A	31-May-14	86%	Behind Programme
RSC1420	Type B fill from +2.5 to formation [Approx. 130,000m3 of 166,630m3]	14	03-Jun-14	14-Jun-14	0%	
RSC1430	Type B fill from +2.5 to formation [Approx. 140,000m3 of 166,630m3]	14	16-Jun-14	27-Jun-14	0%	
RSC1440	Type B fill from +2.5 to formation [Approx. 150,000m3 of 166,630m3]	14	28-Jun-14	11-Jul-14	0%	
RSC1450	Type B fill from +2.5 to formation [Approx. 166,630m3 of 166,630m3]	14	12-Jul-14	24-Jul-14	0%	
Surcharge						
RSC1083-12	Forming surcharge, Sub-zones 7-1 (10,000 of 42,000m3)	12	17-Apr-14 A	28-May-14	50%	Behind Programme
RSC1086-1	Forming surcharge, Sub-zones 6-2 (10,000 of 71,250m3)	15	22-Apr-14 A	13-May-14 A	100%	Behind Programme
RSC1086-2	Forming surcharge, Sub-zones 6-2 (20,000 of 71,250m3)	14	14-May-14 A	31-May-14	28%	Behind Programme
RSC1083-22	Forming surcharge, Sub-zones 7-1 (10,000 of 42,000m3)	13	29-May-14	10-Jun-14	0%	
RSC1085-3	Forming surcharge, Sub-zones 6-2 (30,000 of 71,250m3)	14	03-Jun-14	14-Jun-14	0%	
RSC1083-32	Forming surcharge, Sub-zones 7-1 (10,000 of 42,000m3)	13	11-Jun-14	21-Jun-14	0%	
RSC1085-4	Forming surcharge, Sub-zones 6-2 (40,000 of 71,250m3)	14	16-Jun-14	27-Jun-14	0%	
RSC1083-42	Forming surcharge, Sub-zones 7-1 (10,000 of 42,000m3)	13	23-Jun-14	04-Jul-14	0%	
RSC1085-5	Forming surcharge, Sub-zones 6-2 (50,000 of 71,250m3)	14	28-Jun-14	11-Jul-14	0%	
RSC1085-6	Forming surcharge, Sub-zones 6-2 (60,000 of 71,250m3)	14	12-Jul-14	24-Jul-14	0%	
RSC1085-7	Forming surcharge, Sub-zones 6-2 (71,250 of 71,250m3)	14	25-Jul-14	06-Aug-14	0%	
WORKS IN MIDDLE AREA CH15+050 to 15+500 (HKLR AT GRADE, HAT MT, BRIDGE A1 & A2)						
Reclamation Works - SWCH 0+960 to 1+400 (AHR 20mPD) & (12.5mPD)						
Stone Column						



FILE: 3M25 (Rev.00)

Sheet 4 of 6

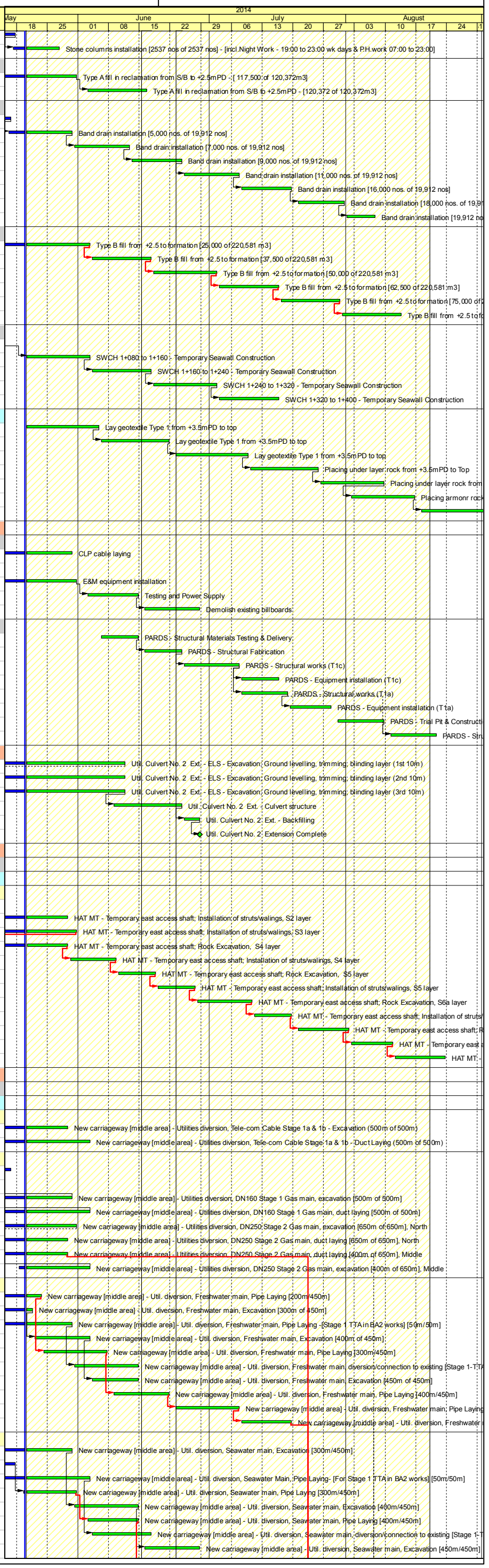
3-Months Rolling Programme (ER Part 5 & SCC 27(9))

(June 2014 to August 2014)

Layout HZMB - Layout 2 (3M Rolling Prog)(3M25)

TASK filters: 3M25, HZMB No Level Effort.

Activity ID	Activity Name	Dur. (days)	Start	Finish	Activity % Complete	Remarks
RSC1044-8	Stone columns installation [2475 nos of 2537 nos] - [incl.Night Work - 19:00 t	13	16-Apr-14 A	17-May-14 A	100%	Behind Programme
RSC1044-9	Stone columns installation [2537 nos of 2537 nos] - [incl.Night Work - 19:00 t	9	17-May-14 A	27-May-14	26%	Behind Programme
Filling to +2.5mPD (70% Sand Fill and 30% Public Fill)						
RSC1041-8	Type A fill in reclamation from S/B to +2.5mPD - [117,500 of 120,372m3]	15	20-Feb-14 A	31-May-14	40%	Behind Programme
RSC1041-9	Type A fill in reclamation from S/B to +2.5mPD - [120,372 of 120,372m3]	15	03-Jun-14	16-Jun-14	0%	
Band Drains						
RSC1045-3	Band drain installation [3,000 nos. of 19,912 nos]	13	28-Apr-14 A	16-May-14 A	100%	Behind Programme
RSC1045-4	Band drain installation [5,000 nos. of 19,912 nos]	13	16-May-14 A	30-May-14	45%	Behind Programme
RSC1045-5	Band drain installation [7,000 nos. of 19,912 nos]	13	31-May-14	12-Jun-14	0%	
RSC1045-6	Band drain installation [9,000 nos. of 19,912 nos]	13	13-Jun-14	24-Jun-14	0%	
RSC1045-7	Band drain installation [11,000 nos. of 19,912 nos]	13	25-Jun-14	07-Jul-14	0%	
RSC1045-8	Band drain installation [16,000 nos. of 19,912 nos]	14	08-Jul-14	19-Jul-14	0%	
RSC1045-9	Band drain installation [18,000 nos. of 19,912 nos]	13	21-Jul-14	31-Jul-14	0%	
RSC1045-10	Band drain installation [19,912 nos. of 19,912 nos]	8	01-Aug-14	07-Aug-14	0%	
General Fill to Formation +5.5mPD						
RSC1046-2	Type B fill from +2.5 to formation [25,000 of 220,581 m3]	15	26-Feb-14 A	03-Jun-14	0%	On Programme
RSC1046-3	Type B fill from +2.5 to formation [37,500 of 220,581 m3]	15	04-Jun-14	17-Jun-14	0%	
RSC1046-4	Type B fill from +2.5 to formation [50,000 of 220,581 m3]	15	18-Jun-14	02-Jul-14	0%	
RSC1046-5	Type B fill from +2.5 to formation [62,500 of 220,581 m3]	15	03-Jul-14	16-Jul-14	0%	
RSC1046-6	Type B fill from +2.5 to formation [75,000 of 220,581 m3]	15	17-Jul-14	30-Jul-14	0%	
RSC1046-7	Type B fill from +2.5 to formation [87,500 of 220,581 m3]	15	31-Jul-14	13-Aug-14	0%	
Seawall Construction (Middle Area) CH 0+980 to CH 1+400 - 420m						
TSW1010	SWCH 1+020 to 1+080 - Temporary Seawall Construction	15	30-Apr-14 A	12-May-14 A	100%	Behind Programme
TSW1020	SWCH 1+080 to 1+160 - Temporary Seawall Construction	15	20-May-14	03-Jun-14	0%	
TSW1030	SWCH 1+160 to 1+240 - Temporary Seawall Construction	15	04-Jun-14	17-Jun-14	0%	
TSW1040	SWCH 1+240 to 1+320 - Temporary Seawall Construction	15	18-Jun-14	02-Jul-14	0%	
TSW1050	SWCH 1+320 to 1+400 - Temporary Seawall Construction	15	03-Jul-14	16-Jul-14	0%	
Seawall 2nd Layer/Final Layer						
RSC1052-1	Lay geotextile Type 1 from +3.5mPD to top	18	20-May-14	05-Jun-14	0%	
RSC1052-2	Lay geotextile Type 1 from +3.5mPD to top	18	06-Jun-14	21-Jun-14	0%	
RSC1052-3	Lay geotextile Type 1 from +3.5mPD to top	18	23-Jun-14	09-Jul-14	0%	
RSC1064-1	Placing under layer rock from +3.5mPD to Top	18	10-Jul-14	25-Jul-14	0%	
RSC1064-2	Placing under layer rock from +3.5mPD to Top	16	26-Jul-14	09-Aug-14	0%	
RSC1065-1	Placing armonr rock from +3.5mPD to Top	16	02-Aug-14	16-Aug-14	0%	
RSC1065-2	Placing armonr rock from +3.5mPD to Top	16	18-Aug-14	01-Sep-14	0%	
Flight Information Signs (PARDS) & Billboards- Reprovisioning Works						
Relocation of Billboards						
PARDS253	CLP cable laying	10	02-Apr-14 A	30-May-14	90%	Behind Programme
PARDS255	Preparation and Mobilization for E&M equipment installation	10	04-Apr-14 A	12-May-14 A	100%	Behind Programme
PARDS260	E&M equipment installation	14	13-May-14 A	31-May-14	50%	Behind Programme
PARDS270	Testing and Power Supply	14	03-Jun-14	14-Jun-14	0%	
PARDS280	Demolish existing billboards	15	16-Jun-14	28-Jun-14	0%	
PARDS - Construction T1a, T1c, T2a						
PARDS102-1	PARDS - Structural Materials Testing & Delivery	10	06-Jun-14*	14-Jun-14	0%	
PARDS102-2	PARDS - Structural Fabrication	10	16-Jun-14	24-Jun-14	0%	
PARDS101-1	PARDS - Structural works (T1c)	13	25-Jun-14	07-Jul-14	0%	
PARDS110-1	PARDS - Equipment installation (T1c)	10	08-Jul-14	16-Jul-14	0%	
PARDS101-2	PARDS - Structural works (T1a)	13	08-Jul-14	18-Jul-14	0%	
PARDS110-2	PARDS - Equipment installation (T1a)	10	19-Jul-14	28-Jul-14	0%	
PARDS100-3	PARDS - Trial Pit & Construction of Footing (T2a)	13	30-Jul-14*	09-Aug-14	0%	
PARDS101-3	PARDS - Structural works (T2a)	13	11-Aug-14	21-Aug-14	0%	
Utility Culvert No. 2 Ext. near Bridge A2 [30m Approx.]						
UC2.1020	Util. Culvert No. 2 Ext. - ELS - Excavation; Ground levelling, trimming; blindir	15	17-Sep-13 A	11-Jun-14	58%	Behind Programme
UC2.1021	Util. Culvert No. 2 Ext. - ELS - Excavation; Ground levelling, trimming; blindir	15	27-Dec-13 A	11-Jun-14	58%	Behind Programme
UC2.1022	Util. Culvert No. 2 Ext. - ELS - Excavation; Ground levelling, trimming; blindir	15	12-Mar-14 A	11-Jun-14	58%	Behind Programme
UC2.1030	Util. Culvert No. 2 Ext. - Culvert structure	18	09-Jun-14	24-Jun-14	0%	
UC2.1040	Util. Culvert No. 2 Ext. - Backfilling	5	25-Jun-14	28-Jun-14	0%	
UC2.1050	Util. Culvert No. 2 Extension Complete	0		28-Jun-14	0%	
Works in HAT Tunnel (Mined Tunnel and West CCT w/ Emergency Pedestrian Passage						
Mined Tunnel for HAT underneath AEL & at East Coast Road [97m Approx.]						
Utilities Diversion, SI Works and Temp. Access Shaft (Shaft 4)						
ELS						
HAT1580-01	HAT MT - Temporary east access shaft; Installation of struts/walings, S1 layer	10	12-Mar-14 A	14-May-14 A	100%	Behind Programme
HAT1580-02	HAT MT - Temporary east access shaft; Installation of struts/walings, S2 layer	10	28-Mar-14 A	29-May-14	90%	Behind Programme
HAT1580-03	HAT MT - Temporary east access shaft; Installation of struts/walings, S3 layer	10	30-Apr-14 A	31-May-14	80%	Behind Programme
HAT1578-04	HAT MT - Temporary east access shaft; Rock Excavation, S4 layer	10	05-May-14 A	29-May-14	80%	Behind Programme
HAT1580-04	HAT MT - Temporary east access shaft; Installation of struts/walings, S4 layer	10	30-May-14	09-Jun-14	0%	
HAT1578-05	HAT MT - Temporary east access shaft; Rock Excavation, S5 layer	10	10-Jun-14	18-Jun-14	0%	
HAT1580-05	HAT MT - Temporary east access shaft; Installation of struts/walings, S5 layer	10	19-Jun-14	27-Jun-14	0%	
HAT1578-06	HAT MT - Temporary east access shaft; Rock Excavation, S6a layer	13	28-Jun-14	10-Jul-14	0%	
HAT1580-06	HAT MT - Temporary east access shaft; Installation of struts/walings, S6a laye	10	11-Jul-14	19-Jul-14	0%	
HAT1578-07	HAT MT - Temporary east access shaft; Rock Excavation, S6b layer	14	21-Jul-14	01-Aug-14	0%	
HAT1580-07	HAT MT - Temporary east access shaft; Installation of struts/walings, S6b laye	10	02-Aug-14	11-Aug-14	0%	
HAT1578-08	HAT MT - Temporary east access shaft; Rock Excavation, S6c layer	14	12-Aug-14	23-Aug-14	0%	
New Carriageway & Modification of Existing Roads						
New Carriageway adjacent to HKIA [615m Approx.]						
Utilities Diversion						
Tele/COM Cable						
NCW1041-3	New carriageway [middle area] - Utilities diversion, Tele-com Cable Stage 1a	12	14-Mar-14 A	29-May-14	27%	Behind Programme
NCW1041-4	New carriageway [middle area] - Utilities diversion, Tele-com Cable Stage 1a	13	19-Mar-14 A	03-Jun-14	27%	Behind Programme
Gasmain						
NCW1043-3	New carriageway [middle area] - Utilities diversion, DN250 Stage 2 Gas main	14	13-Mar-14 A	16-May-14 A	100%	Behind Programme
NCW1043-4	New carriageway [middle area] - Utilities diversion, DN250 Stage 2 Gas main	11	17-Apr-14 A	14-May-14 A	100%	Behind Programme
NCW1042-3	New carriageway [middle area] - Utilities diversion, DN160 Stage 1 Gas main	14	23-Apr-14 A	30-May-14	75%	Behind Programme
NCW1042-4	New carriageway [middle area] - Utilities diversion, DN160 Stage 1 Gas main	11	24-Apr-14 A	03-Jun-14	60%	Behind Programme
NCW1043-1	New carriageway [middle area] - Utilities diversion, DN250 Stage 2 Gas main	14	30-Apr-14 A	31-May-14	80%	Behind Programme
NCW1043-2	New carriageway [middle area] - Utilities diversion, DN250 Stage 2 Gas main	11	10-May-14 A	29-May-14	48%	Behind Programme
NCW1043-6	New carriageway [middle area] - Utilities diversion, DN250 Stage 2 Gas main	11	15-May-14 A	29-May-14	60%	Behind Programme
NCW1043-5	New carriageway [middle area] - Utilities diversion, DN250 Stage 2 Gas main	15	18-May-14 A	03-Jun-14	75%	Behind Programme
Freshwater main						
NCW1048-2	New carriageway [middle area] - Util. diversion, Freshwater main, Pipe Laying	13	11-Apr-14 A	23-May-14	80%	Behind Programme
NCW1047-2	New carriageway [middle area] - Util. diversion, Freshwater main, Excavation	13	14-Apr-14 A	21-May-14	80%	Behind Programme
NCW1046-4	New carriageway [middle area] - Util. diversion, Freshwater main, Pipe Laying	15	15-Apr-14 A	30-May-14	0%	Behind Programme
NCW1047-3	New carriageway [middle area] - Util. diversion, Freshwater main, Excavation	13	22-May-14	03-Jun-14	0%	
NCW1048-3	New carriageway [middle area] - Util. diversion, Freshwater main, Pipe Laying	15	24-May-14	07-Jun-14	0%	
NCW1046-00	New carriageway [middle area] - Util. diversion, Freshwater main, diversion/c	15	31-May-14	14-Jun-14	0%	
NCW1047-4	New carriageway [middle area] - Util. diversion, Freshwater main, Excavation	13	04-Jun-14	14-Jun-14	0%	
NCW1048-4	New carriageway [middle area] - Util. diversion, Freshwater main, Pipe Laying	15	09-Jun-14	21-Jun-14	0%	
NCW1048-9	New carriageway [middle area] - Util. diversion, Freshwater main, Pipe Laying	15	23-Jun-14	07-Jul-14	0%	
NCW1048-00	New carriageway [middle area] - Util. diversion, Freshwater main, diversion/c	14	08-Jul-14	19-Jul-14	0%	
Seawater main						
NCW1086-22	New carriageway [middle area] - Util. diversion, Seawater main, Excavation [3	15	18-Mar-14 A	30-May-14	16.67%	Behind Programme
NCW1086-31	New carriageway [middle area] - Util. diversion, Seawater main, Pipe Laying [	14	11-Apr-14 A	17-May-14 A	100%	Behind Programme
NCW1086-4	New carriageway [middle area] - Util. diversion, Seawater Main, Pipe Laying-	15	15-Apr-14 A	03-Jun-14	60%	Behind Programme
NCW1086-41	New carriageway [middle area] - Util. diversion, Seawater main, Pipe Laying [	14	19-May-14 A	31-May-14	20%	Behind Programme
NCW1086-33	New carriageway [middle area] - Util. diversion, Seawater main, Excavation [4	15	31-May-14	14-Jun-14	0%	
NCW1086-51	New carriageway [middle area] - Util. diversion, Seawater main, Pipe Laying [	14	03-Jun-14	14-Jun-14	0%	
NCW1086-00	New carriageway [middle area] - Util. diversion, Seawater main, diversion/cor	15	04-Jun-14	17-Jun-14	0%	
NCW1086-44	New carriageway [middle area] - Util. diversion, Seawater main, Excavation [4	15	16-Jun-14	28-Jun-14	0%	



FILE: 3M25 (Rev.00)

Sheet 5 of 6

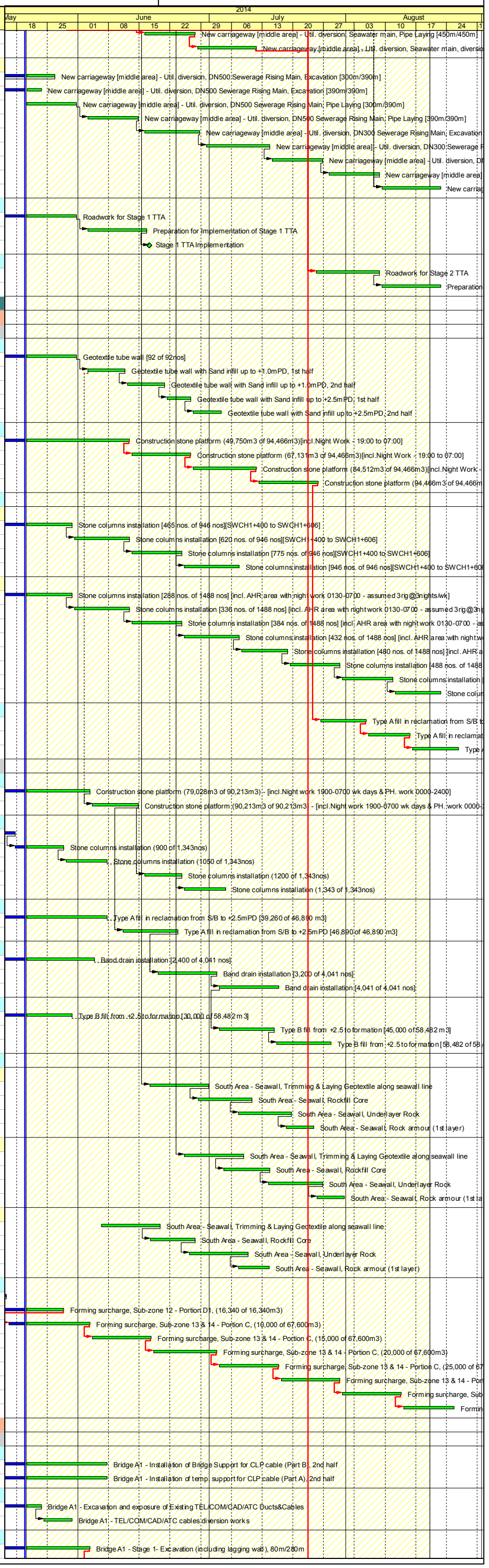
3-Months Rolling Programme (ER Part 5 & SCC 27(9))

(June 2014 to August 2014)

Layout HZMB - Layout 2 (3M Rolling Prog)(3M25)

TASK filters: 3M25, HZMB No Level Effort.

Activity ID	Activity Name	Dur. (days)	Start	Finish	Activity % Complete	Remarks
NCW1086-61	New carriageway [middle area] - Util. diversion, Seawater main, Pipe Laying [	14	16-Jun-14	27-Jun-14	0%	
NCW1086-01	New carriageway [middle area] - Util. diversion, Seawater main, diversion/cor	14	28-Jun-14	11-Jul-14	0%	
Sewerage Rising Main						
NCW1087-3	New carriageway [middle area] - Util. diversion, DN500 Sewerage Rising Mai	13	12-Mar-14 A	26-May-14	90%	Behind Programme
NCW1087-4	New carriageway [middle area] - Util. diversion, DN500 Sewerage Rising Mai	13	02-May-14 A	23-May-14	70%	Behind Programme
NCW1087-7	New carriageway [middle area] - Util. diversion, DN500 Sewerage Rising Mai	14	20-May-14	31-May-14	0%	
NCW1087-8	New carriageway [middle area] - Util. diversion, DN500 Sewerage Rising Mai	14	03-Jun-14	14-Jun-14	0%	
NCW1087-11	New carriageway [middle area] - Util. diversion, DN300 Sewerage Rising Mai	15	16-Jun-14	28-Jun-14	0%	
NCW1087-22	New carriageway [middle area] - Util. diversion, DN300 Sewerage Rising Mai	15	30-Jun-14	14-Jul-14	0%	
NCW1087-21	New carriageway [middle area] - Util. diversion, DN300 Sewerage Rising Mai	14	15-Jul-14	26-Jul-14	0%	
NCW1087-31	New carriageway [middle area] - Util. diversion, DN300 Sewerage Rising Mai	14	28-Jul-14	08-Aug-14	0%	
NCW1088	New carriageway [middle area] - Utilities diversion Completion	15	09-Aug-14	22-Aug-14	0%	
Stage 1 TTA - Diversion of NB Airport Road (for Works in BA2)						
NCW1055	Roadwork for Stage 1 TTA	14	15-Apr-14 A	31-May-14	30%	
NCW1065	Preparation for Implementation of Stage 1 TTA	15	03-Jun-14	16-Jun-14	0%	
NCW1075	Stage 1 TTA Implementation	0	17-Jun-14		0%	
Stage 2 TTA - Diversion of NB Airport Road (for Works in BA2)						
NCW1056	Roadwork for Stage 2 TTA	16	25-Jul-14	08-Aug-14	0%	
NCW1066	Preparation for Implementation of Stage 2 TTA	15	09-Aug-14	22-Aug-14	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)						
Area2 - Geotextile Tube Wall + Sandfill to +2.5mPD						
RSC1106-15	Geotextile tube wall [92 of 92nos]	15	15-Apr-14 A	31-May-14	25%	Behind Programme
RSC1106-16	Geotextile tube wall with Sand infill up to +1.0mPD, 1st half	10	03-Jun-14	11-Jun-14	0%	
RSC1106-17	Geotextile tube wall with Sand infill up to +1.0mPD, 2nd half	10	12-Jun-14	20-Jun-14	0%	
RSC1106-18	Geotextile tube wall with Sand infill up to +2.5mPD, 1st half	6	21-Jun-14	26-Jun-14	0%	
RSC1106-19	Geotextile tube wall with Sand infill up to +2.5mPD, 2nd half	6	27-Jun-14	03-Jul-14	0%	
Stone Platform						
RSC1106-2	Construction stone platform (49,750m3 of 94,466m3)[incl.Night Work - 19:0(	14	21-Jun-13 A	12-Jun-14	94%	Behind Programme
RSC1106-4	Construction stone platform (67,131m3 of 94,466m3)[incl.Night Work - 19:0(	15	13-Jun-14	26-Jun-14	0%	
RSC1106-5	Construction stone platform (84,512m3 of 94,466m3)[incl.Night Work - 19:0(	15	27-Jun-14	11-Jul-14	0%	
RSC1106-6	Construction stone platform (94,466m3 of 94,466m3)[incl.Night Work - 19:0(	15	12-Jul-14	25-Jul-14	0%	
Stone Column						
North Portion (Except Area 2)						
RSC1109-3	Stone columns installation [465 nos. of 946 nos][SWCH1+400 to SWCH1+60	13	11-Apr-14 A	30-May-14	23%	Behind Programme
RSC1109-4	Stone columns installation [620 nos. of 946 nos][SWCH1+400 to SWCH1+60	13	31-May-14	12-Jun-14	0%	
RSC1109-5	Stone columns installation [775 nos. of 946 nos][SWCH1+400 to SWCH1+60	13	13-Jun-14	24-Jun-14	0%	
RSC1109-6	Stone columns installation [946 nos. of 946 nos][SWCH1+400 to SWCH1+60	13	25-Jun-14	07-Jul-14	0%	
Area 2 - AHR Area						
RSC1110-6	Stone columns installation [288 nos. of 1488 nos] [incl. AHR area with night w	13	03-May-14 A	30-May-14	60%	Behind Programme
RSC1110-7	Stone columns installation [336 nos. of 1488 nos] [incl. AHR area with night w	13	31-May-14	12-Jun-14	0%	
RSC1110-8	Stone columns installation [384 nos. of 1488 nos] [incl. AHR area with night w	13	13-Jun-14	24-Jun-14	0%	
RSC1110-9	Stone columns installation [432 nos. of 1488 nos] [incl. AHR area with night w	13	25-Jun-14	07-Jul-14	0%	
RSC1110-10	Stone columns installation [480 nos. of 1488 nos] [incl. AHR area with night w	13	08-Jul-14	18-Jul-14	0%	
RSC1110-11	Stone columns installation [488 nos. of 1488 nos] [incl. AHR area with night w	13	19-Jul-14	30-Jul-14	0%	
RSC1110-12	Stone columns installation [536 nos. of 1488 nos] [incl. AHR area with night w	13	31-Jul-14	11-Aug-14	0%	
RSC1110-13	Stone columns installation [584 nos. of 1488 nos] [incl. AHR area with night w	13	12-Aug-14	22-Aug-14	0%	
Filling to +2.5mPD (Sand Fill to +1mPD and Public Fill to +2.5mPD)						
RSC1107-1	Type A fill in reclamation from S/B to +2.5mPD (SWCH1400 to SWCH 1450)	11	26-Jul-14	05-Aug-14	0%	
RSC1107-2	Type A fill in reclamation from S/B to +2.5mPD (SWCH1450 to SWCH 1500)	11	06-Aug-14	15-Aug-14	0%	
RSC1107-3	Type A fill in reclamation from S/B to +2.5mPD (SWCH1500 to SWCH 1550)	11	16-Aug-14	26-Aug-14	0%	
Portion C & D1 From SWCH1850 to 2070 (AHR 17.5 to 20mPD)						
Stone Platform						
RSC1133-4	Construction stone platform (79,028m3 of 90,213m3) - [incl.Night work 1900	12	16-Dec-13 A	03-Jun-14	84%	Behind Programme
RSC1133-14	Construction stone platform (90,213m3 of 90,213m3) - [incl.Night work 1900	13	04-Jun-14	14-Jun-14	0%	Behind Programme
Stone Column						
RSC1136-5	Stone columns installation (750 of 1,343nos)	10	09-Apr-14 A	17-May-14 A	100%	Behind Programme
RSC1136-6	Stone columns installation (900 of 1,343nos)	10	17-May-14 A	28-May-14	14%	Behind Programme
RSC1136-7	Stone columns installation (1050 of 1,343nos)	10	29-May-14	07-Jun-14	0%	
RSC1136-8	Stone columns installation (1200 of 1,343nos)	10	16-Jun-14	24-Jun-14	0%	
RSC1136-9	Stone columns installation (1,343 of 1,343nos)	10	25-Jun-14	04-Jul-14	0%	
Filling to +2.5mPD (70% Sand Fill and 30% Public Fill)						
RSC1134-5	Type A fill in reclamation from S/B to +2.5mPD [39,260 of 46,890 m3]	13	05-Feb-14 A	07-Jun-14	40%	Behind Programme
RSC1134-6	Type A fill in reclamation from S/B to +2.5mPD [46,890 of 46,890 m3]	14	11-Jun-14	23-Jun-14	0%	
Band Drains						
RSC1135-3	Band drain installation [2,400 of 4,041 nos]	13	18-Jan-14 A	04-Jun-14	83%	Behind Programme
RSC1135-4	Band drain installation [3,200 of 4,041 nos]	14	19-Jun-14	02-Jul-14	0%	
RSC1135-5	Band drain installation [4,041 of 4,041 nos]	15	03-Jul-14	16-Jul-14	0%	
General Fill to Formation +5.5mPD						
RSC1145-2	Type B fill from +2.5 to formation [30,000 of 58,482 m3]	13	11-Apr-14 A	30-May-14	3%	Behind Programme
RSC1145-3	Type B fill from +2.5 to formation [45,000 of 58,482 m3]	14	03-Jul-14	15-Jul-14	0%	
RSC1145-4	Type B fill from +2.5 to formation [58,482 of 58,482 m3]	14	16-Jul-14	28-Jul-14	0%	
Seawall Construction (Portion C and D1) CH 1+850 to CH 2+020 - 170m						
SWCH 1+850 to SWCH 1+900 - 50m						
SW2100	South Area - Seawall, Trimming & Laying Geotextile along seawall line	15	17-Jun-14	30-Jun-14	0%	
SW2110	South Area - Seawall, Rockfill Core	12	28-Jun-14	10-Jul-14	0%	
SW2120	South Area - Seawall, Underlayer Rock	14	07-Jul-14	19-Jul-14	0%	
SW2130	South Area - Seawall, Rock armour (1st layer)	7	18-Jul-14	24-Jul-14	0%	
SWCH 1+900 to SWCH 1+960 - 60m						
SW2200	South Area - Seawall, Trimming & Laying Geotextile along seawall line	14	25-Jun-14	08-Jul-14	0%	
SW2210	South Area - Seawall, Rockfill Core	11	04-Jul-14	14-Jul-14	0%	
SW2220	South Area - Seawall, Underlayer Rock	15	14-Jul-14	26-Jul-14	0%	
SW2230	South Area - Seawall, Rock armour (1st layer)	7	25-Jul-14	31-Jul-14	0%	
SWCH 1+960 to SWCH 2+020 - 60m						
SW2300	South Area - Seawall, Trimming & Laying Geotextile along seawall line	15	06-Jun-14*	19-Jun-14	0%	
SW2310	South Area - Seawall, Rockfill Core	12	17-Jun-14	27-Jun-14	0%	
SW2320	South Area - Seawall, Underlayer Rock	13	26-Jun-14	09-Jul-14	0%	
SW2330	South Area - Seawall, Rock armour (1st layer)	8	07-Jul-14	14-Jul-14	0%	
Surcharge						
RSC1146-1	Forming surcharge, Sub-zone 13 & 14 - Portion C, (5,000 of 67,600m3)	12	08-Feb-14 A	15-May-14 A	100%	On Programme
RSC1144-3	Forming surcharge, Sub-zone 12 - Portion D1, (16,340 of 16,340m3)	10	10-Feb-14 A	28-May-14	21%	On Programme
RSC1146-2	Forming surcharge, Sub-zone 13 & 14 - Portion C, (10,000 of 67,600m3)	15	16-May-14 A	03-Jun-14	25%	On Programme
RSC1146-3	Forming surcharge, Sub-zone 13 & 14 - Portion C, (15,000 of 67,600m3)	15	04-Jun-14	17-Jun-14	0%	
RSC1146-4	Forming surcharge, Sub-zone 13 & 14 - Portion C, (20,000 of 67,600m3)	15	18-Jun-14	02-Jul-14	0%	
RSC1146-5	Forming surcharge, Sub-zone 13 & 14 - Portion C, (25,000 of 67,600m3)	15	03-Jul-14	16-Jul-14	0%	
RSC1146-6	Forming surcharge, Sub-zone 13 & 14 - Portion C, (30,000 of 67,600m3)	15	17-Jul-14	30-Jul-14	0%	
RSC1146-7	Forming surcharge, Sub-zone 13 & 14 - Portion C, (35,000 of 67,600m3)	15	31-Jul-14	13-Aug-14	0%	
RSC1146-8	Forming surcharge, Sub-zone 13 & 14 - Portion C, (45,000 of 67,600m3)	13	14-Aug-14	25-Aug-14	0%	
Works in Bridge A1 & Depressed Road						
Bridge A1 - Initial Works and SI Works						
Temporary Utilities Diversion (CLP-11KV & 132KV)						
BA1.1422-3	Bridge A1 - Installation of Bridge Support for CLP cable (Part B), 2nd half	14	27-Mar-14 A	07-Jun-14	90%	Behind Programme
BA1.1422-5	Bridge A1 - Installation of temp. support for CLP cable (Part A), 2nd half	8	02-Apr-14 A	07-Jun-14	90%	Behind Programme
Temporary utilities Diversion (TEL/COM/CAD/ATC Cable Protetion)						
BA1.1422-8	Bridge A1 - Excavation and exposure of Existing TEL/COM/CAD/ATC Ducts&(	8	14-Apr-14 A	23-May-14	60%	Behind Programme
BA1.1422-9	Bridge A1 - TEL/COM/CAD/ATC cables diversion works	8	24-May-14	30-May-14	0%	
ELS						
BA1.1421-1	Bridge A1 - Stage 1- Excavation (including lagging wall), 80m/280m	11	12-Apr-14 A	03-Jun-14	60%	Behind Programme



FILE: 3M25 (Rev.00)

Sheet 6 of 6

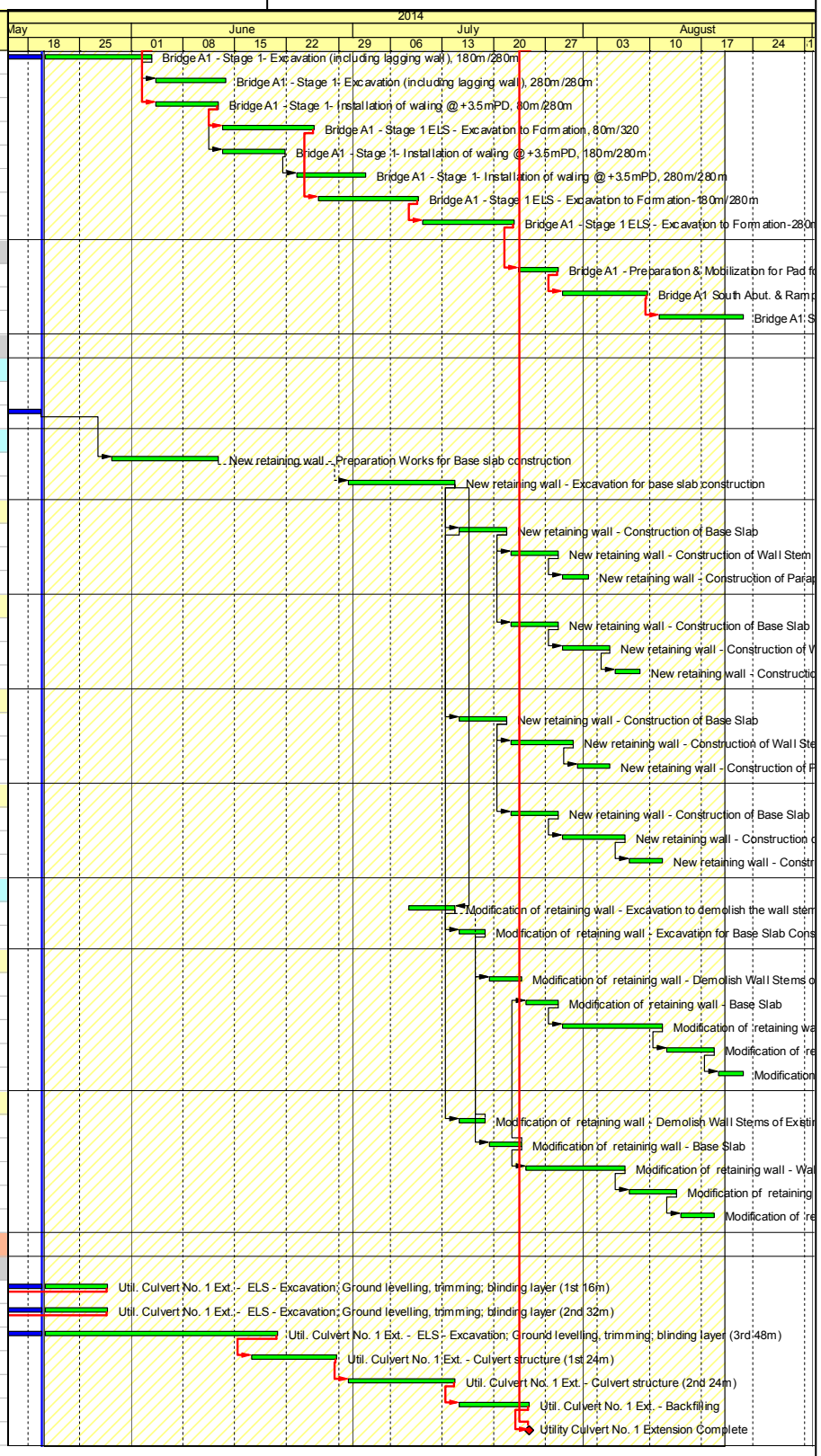
3-Months Rolling Programme (ER Part 5 & SCC 27(9))

(June 2014 to August 2014)

Layout HZMB - Layout 2 (3M Rolling Prog)(3M25)

TASK filters: 3M25, HZMB No Level Effort.

Activity ID	Activity Name	Dur. (days)	Start	Finish	Activity % Complete	Remarks
BA1.1421-2	Bridge A1 - Stage 1- Excavation (including lagging wall), 180m/280m	11	23-Apr-14 A	03-Jun-14	60%	Behind Programme
BA1.1421-3	Bridge A1 - Stage 1- Excavation (including lagging wall), 280m/280m	11	04-Jun-14	13-Jun-14	0%	
BA1.1426-1	Bridge A1 - Stage 1- Installation of waling @+3.5mPD, 80m/280m	10	04-Jun-14	12-Jun-14	0%	
BA1.1430-1	Bridge A1 - Stage 1 ELS - Excavation to Formation, 80m/320	14	13-Jun-14	25-Jun-14	0%	
BA1.1426-2	Bridge A1 - Stage 1- Installation of waling @+3.5mPD, 180m/280m	10	13-Jun-14	21-Jun-14	0%	
BA1.1426-3	Bridge A1 - Stage 1- Installation of waling @+3.5mPD, 280m/280m	10	23-Jun-14	02-Jul-14	0%	
BA1.1430-2	Bridge A1 - Stage 1 ELS - Excavation to Formation-180m/280m	14	26-Jun-14	09-Jul-14	0%	
BA1.1430-3	Bridge A1 - Stage 1 ELS - Excavation to Formation-280m/280m	14	10-Jul-14	22-Jul-14	0%	
Bridge A1 - Footings & Abutment						
BA1.1110	Bridge A1 - Preparation & Mobilization for Pad footings	6	23-Jul-14	28-Jul-14	0%	
BA1.1010	Bridge A1 South Abut. & Ramp - Pad footing, Stage 1	14	29-Jul-14	09-Aug-14	0%	
BA1.1011	Bridge A1 South Abut. & Ramp - Pad footing, Stage 2	14	11-Aug-14	22-Aug-14	0%	
Modification of Retaining Wall (at South of Tung Fai Road)						
Initial Works						
RW1030	Retaining Wall Modification. - Site Clearance	7	02-May-14 A	10-May-14 A	100%	
RW1040	Retaining Wall Modification. - Trial Pit	7	12-May-14 A	19-May-14 A	100%	
Construction of New Retaining Wall (PART A)						
RW1355	New retaining wall - Preparation Works for Base slab construction	15	29-May-14	12-Jun-14	0%	
RW1360	New retaining wall - Excavation for base slab construction	15	30-Jun-14*	14-Jul-14	0%	
Bay 1						
RW1050	New retaining wall - Construction of Base Slab	8	15-Jul-14	21-Jul-14	0%	
RW1060	New retaining wall - Construction of Wall Stem	8	22-Jul-14	28-Jul-14	0%	
RW1070	New retaining wall - Construction of Parapet	5	29-Jul-14	01-Aug-14	0%	
Bay 2						
RW1080	New retaining wall - Construction of Base Slab	8	22-Jul-14	28-Jul-14	0%	
RW1090	New retaining wall - Construction of Wall Stem	8	29-Jul-14	04-Aug-14	0%	
RW1100	New retaining wall - Construction of Parapet	5	05-Aug-14	08-Aug-14	0%	
Bay 3						
RW1110	New retaining wall - Construction of Base Slab	8	15-Jul-14	21-Jul-14	0%	
RW1120	New retaining wall - Construction of Wall Stem	10	22-Jul-14	30-Jul-14	0%	
RW1130	New retaining wall - Construction of Parapet	5	31-Jul-14	04-Aug-14	0%	
Bay 4						
RW1140	New retaining wall - Construction of Base Slab	8	22-Jul-14	28-Jul-14	0%	
RW1150	New retaining wall - Construction of Wall Stem	10	29-Jul-14	06-Aug-14	0%	
RW1160	New retaining wall - Construction of Parapet	5	07-Aug-14	11-Aug-14	0%	
Modification of Retaining Wall (Part B)						
RW1400	Modification of retaining wall - Excavation to demolish the wall stems of Reta	7	08-Jul-14	14-Jul-14	0%	
RW1370	Modification of retaining wall - Excavation for Base Slab Construction	5	15-Jul-14	18-Jul-14	0%	
Bay 5						
RW1170	Modification of retaining wall - Demolish Wall Stems of Existing Retaining Wa	5	19-Jul-14	23-Jul-14	0%	
RW1190	Modification of retaining wall - Base Slab	5	24-Jul-14	28-Jul-14	0%	
RW1200	Modification of retaining wall - Wall Stem	15	29-Jul-14	11-Aug-14	0%	
RW1210	Modification of retaining wall - Top Slab	8	12-Aug-14	18-Aug-14	0%	
RW1290	Modification of retaining wall - Parapet	5	19-Aug-14	22-Aug-14	0%	
Bay 6						
RW1230	Modification of retaining wall - Demolish Wall Stems of Existing Retaining Wa	5	15-Jul-14	18-Jul-14	0%	
RW1250	Modification of retaining wall - Base Slab	5	19-Jul-14	23-Jul-14	0%	
RW1260	Modification of retaining wall - Wall Stem	15	24-Jul-14	06-Aug-14	0%	
RW1270	Modification of retaining wall - Top Slab	8	07-Aug-14	13-Aug-14	0%	
RW1280	Modification of retaining wall - Parapet	5	14-Aug-14	18-Aug-14	0%	
Utility Culvert No.1						
Utility Culvert No. 1 Ext. across the road leading to Cheong Hong Road [48m Approx.]						
UC1.1080-1	Util. Culvert No. 1 Ext. - ELS - Excavation; Ground levelling, trimming; blindi	10	25-Oct-13 A	28-May-14	80%	Behind Programme
UC1.1080-2	Util. Culvert No. 1 Ext. - ELS - Excavation; Ground levelling, trimming; blindi	10	04-Jan-14 A	28-May-14	80%	Behind Programme
UC1.1080-3	Util. Culvert No. 1 Ext. - ELS - Excavation; Ground levelling, trimming; blindi	10	12-Mar-14 A	20-Jun-14	35%	Behind Programme
UC1.1090	Util. Culvert No. 1 Ext. - Culvert structure (1st 24m)	14	17-Jun-14	28-Jun-14	0%	
UC1.1091	Util. Culvert No. 1 Ext. - Culvert structure (2nd 24m)	15	30-Jun-14	14-Jul-14	0%	
UC1.1100	Util. Culvert No. 1 Ext. - Backfilling	11	15-Jul-14	24-Jul-14	0%	
UC1.1110	Utility Culvert No. 1 Extension Complete	0		24-Jul-14	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. : C143157
證書編號

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

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

TEST CONDITIONS / 測試條件

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

TEST SPECIFICATIONS / 測試規範

Calibration check

DATE OF TEST / 測試日期 : 24 May 2014

TEST RESULTS / 測試結果

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

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

Tested By 測試 : K C Lee, Project Engineer

Certified By 核證 : K M Wu, Engineer

Date of Issue 簽發日期 : 28 May 2014

The test equipment used for calibration are traceable to the Nation Standards as specified in this certificate. This certificate shall not be reproduced except in full, without the prior written approval of this laboratory.
本證書所載校正用之測試器材均可溯源至國際標準。局部複印本證書需先獲本實驗所書面批准。

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

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

Certificate of Calibration
校正證書

Certificate No. : C143157
證書編號

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

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

3. Test equipment :

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

4. Test procedure : MA100N.

5. Results :

5.1 Sound Level Accuracy

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

5.2 Frequency Accuracy

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

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

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

The test equipment used for calibration are traceable to the Nation Standards as specified in this certificate. This certificate shall not be reproduced except in full, without the prior written approval of this laboratory.
本證書所載校正用之測試器材均可溯源至國際標準。局部複印本證書需先獲本實驗所書面批准。

Sun Creation Engineering Limited – Calibration & Testing Laboratory
c/o 4/F, Tsing Shan Wan Exchange Building, 1 Hing On Lane, Tuen Mun, New Territories, Hong Kong
輝創工程有限公司 – 校正及檢測實驗所
c/o 香港新界屯門興安里一號青山灣機樓四樓
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輝創工程有限公司
Sun Creation Engineering Limited
Calibration and Testing Laboratory

Certificate of Calibration
校正證書

Certificate No. : C135382
證書編號

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

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

TEST CONDITIONS / 測試條件

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

TEST SPECIFICATIONS / 測試規範

Calibration check

DATE OF TEST / 測試日期 : 26 August 2013

TEST RESULTS / 測試結果

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

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

Tested By 測試 : K C Lee

Certified By 核證 : K M Wu

Date of Issue 簽發日期 : 28 August 2013

The test equipment used for calibration are traceable to the Nation Standards as specified in this certificate. This certificate shall not be reproduced except in full, without the prior written approval of this laboratory.
本證書所載校正用之測試器材均可溯源至國際標準。局部複印本證書需先獲本實驗所書面批准。

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

Certificate of Calibration
校正證書

Certificate No. : C135382
證書編號

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

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

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

4. Test equipment :

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

5. Test procedure : MA101N.

6. Results :

6.1 Sound Pressure Level

6.1.1 Reference Sound Pressure Level

6.1.1.1 Before Self-calibration

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

6.1.1.2 After Self-calibration

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

6.1.2 Linearity

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

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

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

6.4 Time Averaging

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

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

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

- Uncertainties of Applied Value :

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

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

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

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ENVIROTECH SERVICES CO.

High-Volume TSP Sampler
5-Point Calibration Record

Location	**:**	**AMS5(Ma Wan Chung Village)**
Calibrated by	**:**	**K.F.Ho**
Date	**:**	**10/04/2014**

Sampler

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

Calibration Orfice and Standard Calibration Relationship

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

Standard Condition

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

Calibration Condition

Pa (hpa)	**:**	**1015**
Ta(K)	**:**	**296**

Resistance Plate		dH [green liquid] (inch water)	Z	X=Qstd (cubic meter/min)	IC	Y
1	18 holes	10.6	3.263	1.572	61	61.13
2	13 holes	8.6	2.939	1.416	55	55.12
3	10 holes	6.8	2.613	1.259	47	47.10
4	7 holes	4.8	2.196	1.058	39	39.08
5	5 holes	2.6	1.616	0.779	26	26.06

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):44.369 Intercept(b): -8.298 Correlation Coefficient(r): 0.9994

Checked by: Magnum Fan **Date: 22/04/2014**

ENVIROTECH SERVICES CO.

High-Volume TSP Sampler
5-Point Calibration Record

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

Sampler

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

Calibration Orfice and Standard Calibration Relationship

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

Standard Condition

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

Calibration Condition

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

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

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

Sampler Calibration Relationship

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

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

ENVIROTECH SERVICES CO.

High-Volume TSP Sampler
5-Point Calibration Record

Location	**:**	**AMS6(Dragonair Building)**
Calibrated by	**:**	**K.F.Ho**
Date	**:**	**14/04/2014**

Sampler

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

Calibration Orfice and Standard Calibration Relationship

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

Standard Condition

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

Calibration Condition

Pa (hpa)	**:**	**1014**
Ta(K)	**:**	**297**

Resistance Plate		dH [green liquid] (inch water)	Z	X=Qstd (cubic meter/min)	IC	Y
1	**18 holes**	**12.2**	**3.508**	**1.690**	**56**	**56.24**
2	**13 holes**	**9.8**	**3.144**	**1.515**	**50**	**50.22**
3	**10 holes**	**7.6**	**2.769**	**1.334**	**45**	**45.20**
4	**7 holes**	**5.2**	**2.290**	**1.104**	**37**	**37.16**
5	**5 holes**	**3.0**	**1.740**	**0.838**	**29**	**29.13**

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):31.815 Intercept(b): 2.344 Correlation Coefficient(r): 0.9996

Checked by: Magnum Fan Date: 22/04/2014

ENVIROTECH SERVICES CO.

High-Volume TSP Sampler
5-Point Calibration Record

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

Sampler

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

Calibration Orfice and Standard Calibration Relationship

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

Standard Condition

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

Calibration Condition

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

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

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

Sampler Calibration Relationship

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

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

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

ORIFICE TRANSFER STANDARD CERTIFICATION WORKSHEET TE-5025A

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

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

DATA TABULATION

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

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

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

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

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

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

CALCULATIONS

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

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

For subsequent flow rate calculations:

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

EQUIPMENT CALIBRATION RECORD

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

Operator:

Standard Equipment

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

Last Calibration Date N/A

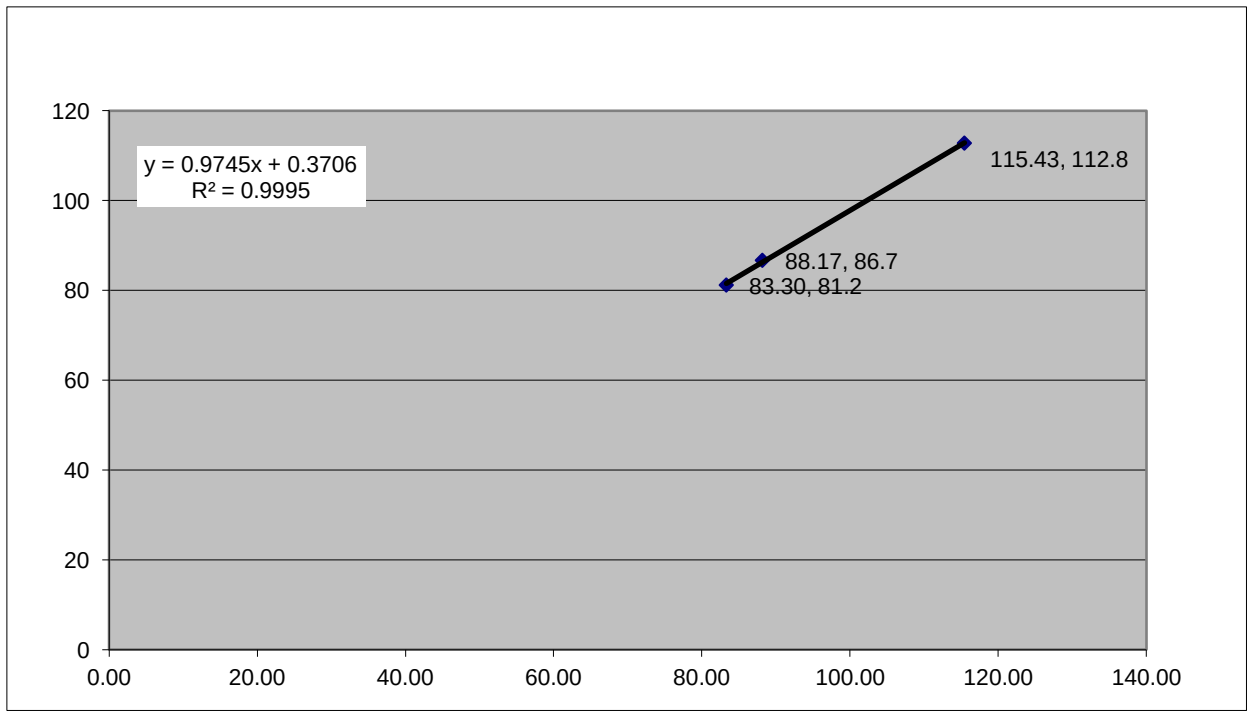
Calibration Result

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

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

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

Remark:



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

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

REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION

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

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

Parameters:

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

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

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

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

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

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

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

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

REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION

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

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

Parameters:

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

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

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

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

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

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

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

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

REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION

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

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

Parameters:

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

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

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

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

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

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

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

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

REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION

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

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

Parameters:

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

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

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

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

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

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

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

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General Manager -
Greater China & Hong Kong

APPENDIX D

Monitoring Schedule

Jun-14

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

Remark:

(1) Original dolphin monitoring, i.e. 3, 10, 16 and 18 June 2014 was rescheduled to 3, 5, 10 and 16 June 2014 due to boat availability.

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

Jul-14

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

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

APPENDIX E

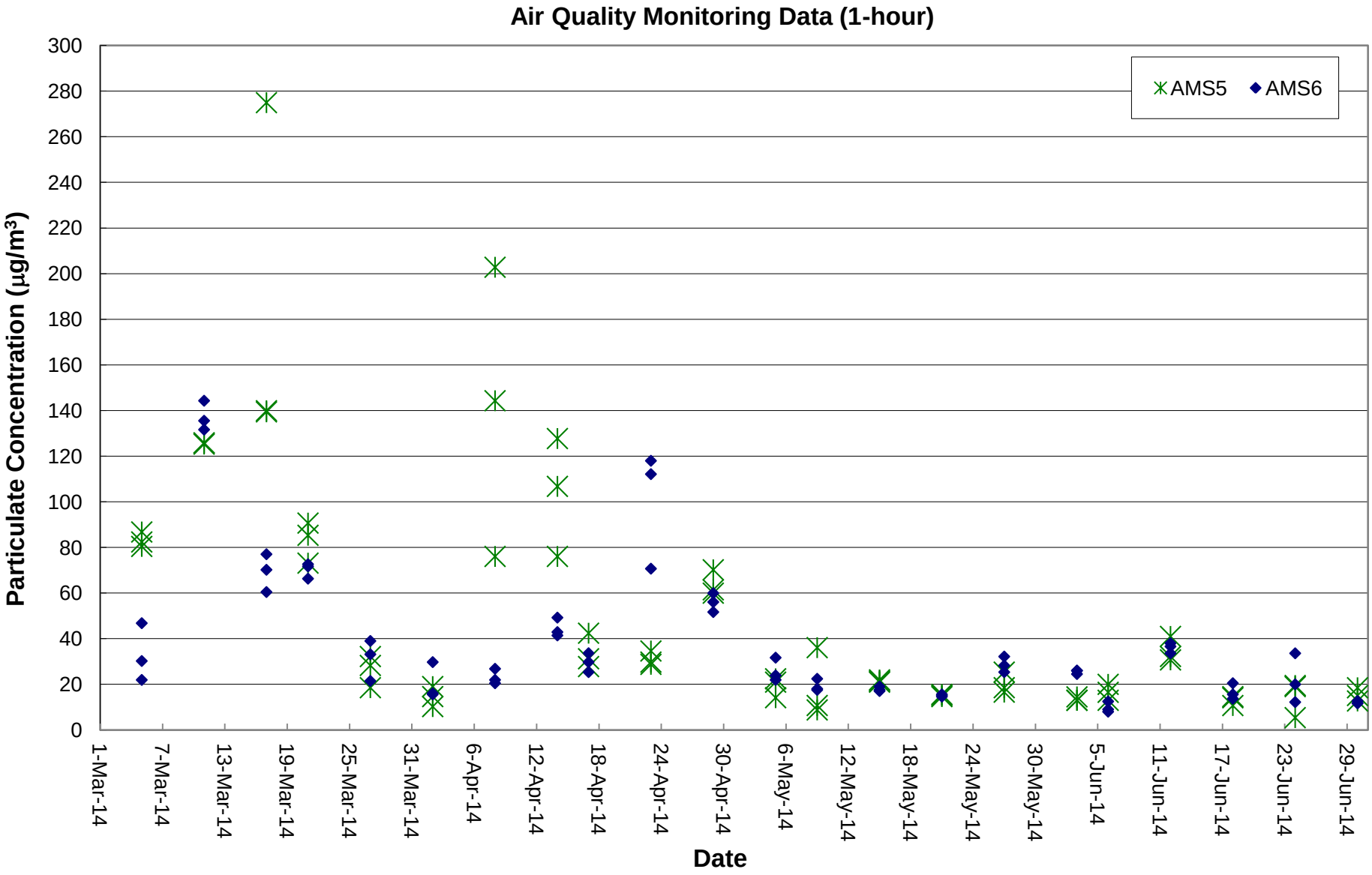
Monitoring Data

Air Quality Monitoring Data

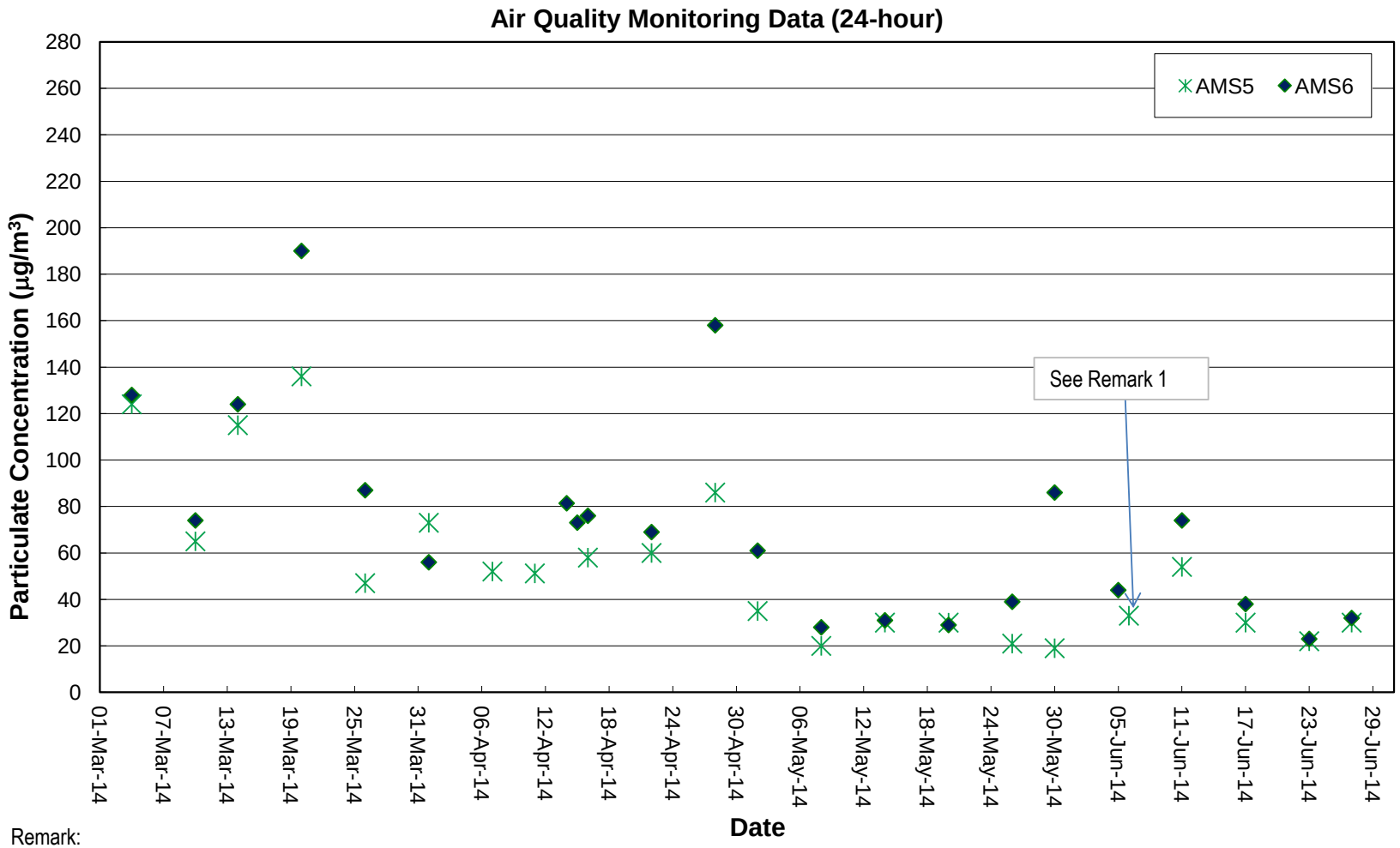
Project	Works	Date (yyyy-mm-dd)	Station	Time	Parameter	Results	Unit
HKLR	HY/2011/03	2014-06-03	AMS5	09:33	1-hr TSP	15	ug/m^3
HKLR	HY/2011/03	2014-06-03	AMS5	10:33	1-hr TSP	13	ug/m^3
HKLR	HY/2011/03	2014-06-03	AMS5	11:33	1-hr TSP	13	ug/m^3
HKLR	HY/2011/03	2014-06-06	AMS5	09:03	1-hr TSP	13	ug/m^3
HKLR	HY/2011/03	2014-06-06	AMS5	10:03	1-hr TSP	20	ug/m^3
HKLR	HY/2011/03	2014-06-06	AMS5	11:03	1-hr TSP	17	ug/m^3
HKLR	HY/2011/03	2014-06-12	AMS5	08:45	1-hr TSP	31	ug/m^3
HKLR	HY/2011/03	2014-06-12	AMS5	09:45	1-hr TSP	32	ug/m^3
HKLR	HY/2011/03	2014-06-12	AMS5	10:45	1-hr TSP	41	ug/m^3
HKLR	HY/2011/03	2014-06-18	AMS5	13:03	1-hr TSP	11	ug/m^3
HKLR	HY/2011/03	2014-06-18	AMS5	14:03	1-hr TSP	14	ug/m^3
HKLR	HY/2011/03	2014-06-18	AMS5	15:03	1-hr TSP	15	ug/m^3
HKLR	HY/2011/03	2014-06-24	AMS5	13:03	1-hr TSP	20	ug/m^3
HKLR	HY/2011/03	2014-06-24	AMS5	14:03	1-hr TSP	19	ug/m^3
HKLR	HY/2011/03	2014-06-24	AMS5	15:03	1-hr TSP	5	ug/m^3
HKLR	HY/2011/03	2014-06-30	AMS5	13:00	1-hr TSP	15	ug/m^3
HKLR	HY/2011/03	2014-06-30	AMS5	14:00	1-hr TSP	19	ug/m^3
HKLR	HY/2011/03	2014-06-30	AMS5	15:00	1-hr TSP	13	ug/m^3
HKLR	HY/2011/03	2014-06-06	AMS5	12:15	24-hr TSP	33	ug/m^3
HKLR	HY/2011/03	2014-06-11	AMS5	08:00	24-hr TSP	54	ug/m^3
HKLR	HY/2011/03	2014-06-17	AMS5	08:00	24-hr TSP	30	ug/m^3
HKLR	HY/2011/03	2014-06-23	AMS5	08:00	24-hr TSP	22	ug/m^3
HKLR	HY/2011/03	2014-06-27	AMS5	08:00	24-hr TSP	30	ug/m^3
HKLR	HY/2011/03	2014-06-03	AMS6	13:26	1-hr TSP	26	ug/m^3
HKLR	HY/2011/03	2014-06-03	AMS6	14:26	1-hr TSP	25	ug/m^3
HKLR	HY/2011/03	2014-06-03	AMS6	15:26	1-hr TSP	26	ug/m^3
HKLR	HY/2011/03	2014-06-06	AMS6	12:58	1-hr TSP	13	ug/m^3
HKLR	HY/2011/03	2014-06-06	AMS6	13:58	1-hr TSP	9	ug/m^3
HKLR	HY/2011/03	2014-06-06	AMS6	14:58	1-hr TSP	8	ug/m^3
HKLR	HY/2011/03	2014-06-12	AMS6	12:58	1-hr TSP	38	ug/m^3
HKLR	HY/2011/03	2014-06-12	AMS6	13:58	1-hr TSP	34	ug/m^3
HKLR	HY/2011/03	2014-06-12	AMS6	14:58	1-hr TSP	37	ug/m^3
HKLR	HY/2011/03	2014-06-18	AMS6	08:03	1-hr TSP	21	ug/m^3
HKLR	HY/2011/03	2014-06-18	AMS6	09:03	1-hr TSP	16	ug/m^3
HKLR	HY/2011/03	2014-06-18	AMS6	10:03	1-hr TSP	14	ug/m^3
HKLR	HY/2011/03	2014-06-24	AMS6	08:03	1-hr TSP	34	ug/m^3
HKLR	HY/2011/03	2014-06-24	AMS6	09:03	1-hr TSP	12	ug/m^3
HKLR	HY/2011/03	2014-06-24	AMS6	10:03	1-hr TSP	20	ug/m^3
HKLR	HY/2011/03	2014-06-30	AMS6	08:51	1-hr TSP	12	ug/m^3
HKLR	HY/2011/03	2014-06-30	AMS6	09:51	1-hr TSP	12	ug/m^3
HKLR	HY/2011/03	2014-06-30	AMS6	10:51	1-hr TSP	13	ug/m^3
HKLR	HY/2011/03	2014-06-05	AMS6	08:00	24-hr TSP	44	ug/m^3
HKLR	HY/2011/03	2014-06-11	AMS6	08:00	24-hr TSP	74	ug/m^3
HKLR	HY/2011/03	2014-06-17	AMS6	08:00	24-hr TSP	38	ug/m^3
HKLR	HY/2011/03	2014-06-23	AMS6	08:00	24-hr TSP	23	ug/m^3
HKLR	HY/2011/03	2014-06-27	AMS6	08:00	24-hr TSP	32	ug/m^3

Remark:

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


Air Quality Monitoring Data (1-hour)
Particulate Concentration (µg/m³)
300
280
260
240
220
200
180
160
140
120
100
80
60
40
20
0
AMS5
AMS6
1-Mar-14
7-Mar-14
13-Mar-14
19-Mar-14
25-Mar-14
31-Mar-14
6-Apr-14
12-Apr-14
18-Apr-14
24-Apr-14
30-Apr-14
6-May-14
12-May-14
18-May-14
24-May-14
30-May-14
5-Jun-14
11-Jun-14
17-Jun-14
23-Jun-14
29-Jun-14
Date

Graphical Plot of 24-hour TSP at AMS5 and AMS6



Remark:

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

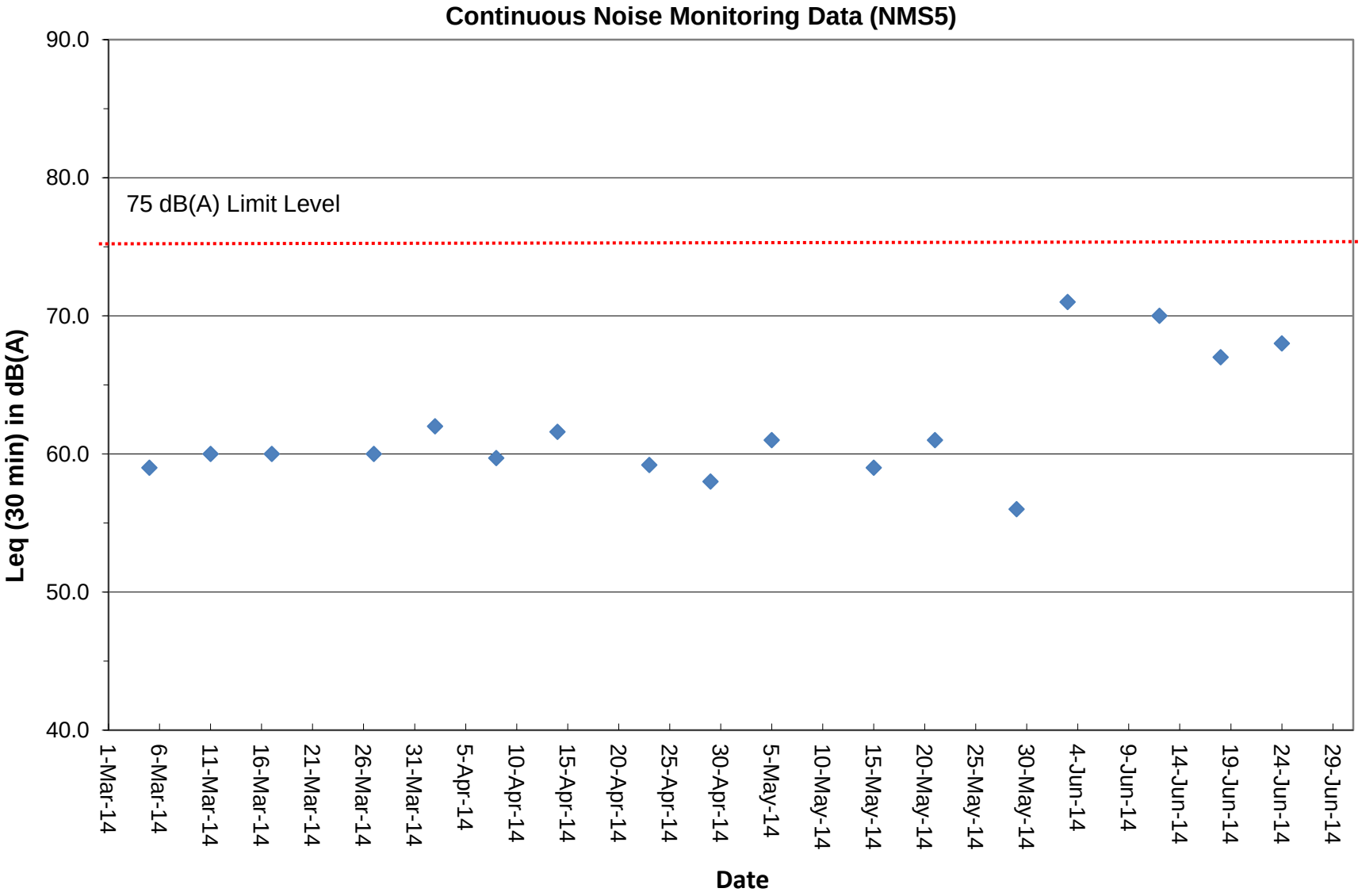
Noise Monitoring Data

Project	Works	Date (yyyy-mm-dd)	Station	Start Time	1st set 5mins		2nd set 5mins		3rd set 5mins		4th set 5mins		5th set 5mins		6th set 5mins		Overall (30mins)*		Unit
HKLR	HY/2011/03	2014-06-03	NMS5	9:52	Leq:	69.8	Leq:	68.9	Leq:	69.6	Leq:	65.8	Leq:	65.2	Leq:	65.5	Leq:	70.9	dB(A)
					L10:	73.0	L10:	72.5	L10:	73.0	L10:	69.0	L10:	67.5	L10:	68.5	L10:	74.2	
					L90:	62.0	L90:	59.5	L90:	57.5	L90:	57.0	L90:	59.0	L90:	57.5	L90:	62.1	
HKLR	HY/2011/03	2014-06-12	NMS5	9:32	Leq:	66.2	Leq:	68.9	Leq:	68.5	Leq:	68.3	Leq:	64.1	Leq:	64.5	Leq:	70.2	dB(A)
					L10:	68.0	L10:	72.5	L10:	71.0	L10:	69.0	L10:	68.5	L10:	67.4	L10:	72.8	
					L90:	62.0	L90:	59.5	L90:	57.5	L90:	58.0	L90:	58.2	L90:	56.3	L90:	62.0	
HKLR	HY/2011/03	2014-06-18	NMS5	14:18	Leq:	65.1	Leq:	64.3	Leq:	64.4	Leq:	65.4	Leq:	64.0	Leq:	61.5	Leq:	67.3	dB(A)
					L10:	69.0	L10:	68.5	L10:	68.5	L10:	68.5	L10:	68.5	L10:	66.5	L10:	71.3	
					L90:	52.0	L90:	50.5	L90:	54.5	L90:	56.0	L90:	49.0	L90:	49.0	L90:	55.7	
HKLR	HY/2011/03	2014-06-24	NMS5	11:14	Leq:	58.6	Leq:	60.2	Leq:	59.6	Leq:	66.2	Leq:	67.6	Leq:	67.4	Leq:	67.8	dB(A)
					L10:	60.0	L10:	64.5	L10:	64.0	L10:	59.0	L10:	69.0	L10:	68.5	L10:	68.7	
					L90:	52.0	L90:	49.5	L90:	50.5	L90:	53.5	L90:	66.0	L90:	65.5	L90:	64.3	

Remarks:

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

Graphical Plot of Noise Levels at NMS5



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

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-06-02	Mid-Ebb	Sunny	IS5	14:41:38	1.0	Surface	1	1	28.97	8.33	16.26	122.8	8.58	4.2	4.3
HKLR	HY/2011/03	2014-06-02	Mid-Ebb	Sunny	IS5	14:42:31	1.0	Surface	1	2	28.96	8.43	16.67	128.3	9	4.2	3.9
HKLR	HY/2011/03	2014-06-02	Mid-Ebb	Sunny	IS5	14:42:05	4.5	Middle	2	1	26.97	8.04	24.26	74.7	5.2	4.2	3.4
HKLR	HY/2011/03	2014-06-02	Mid-Ebb	Sunny	IS5	14:41:28	4.5	Middle	2	2	26.97	8.05	23.85	75.3	5.25	4.2	3.4
HKLR	HY/2011/03	2014-06-02	Mid-Ebb	Sunny	IS5	14:41:21	7.9	Bottom	3	1	26.78	8.02	25.7	80.3	5.56	4.3	4.1
HKLR	HY/2011/03	2014-06-02	Mid-Ebb	Sunny	IS5	14:41:58	7.9	Bottom	3	2	26.8	8.02	25.6	80.6	5.59	4.1	3.6
HKLR	HY/2011/03	2014-06-02	Mid-Ebb	Sunny	IS(Mf)6	14:48:06	1.0	Surface	1	1	28.94	8.51	18.54	143.4	9.97	2.9	4.6
HKLR	HY/2011/03	2014-06-02	Mid-Ebb	Sunny	IS(Mf)6	14:47:53	1.0	Surface	1	2	28.86	8.5	18.58	141.5	9.84	2.8	4.3
HKLR	HY/2011/03	2014-06-02	Mid-Ebb	Sunny	IS(Mf)6	14:47:59	2.1	Bottom	3	1	28.71	8.47	19.26	141.4	9.82	3	3.1
HKLR	HY/2011/03	2014-06-02	Mid-Ebb	Sunny	IS(Mf)6	14:47:47	2.1	Bottom	3	2	28.74	8.47	19.23	139.9	9.72	2.9	5
HKLR	HY/2011/03	2014-06-02	Mid-Ebb	Sunny	IS7	14:54:06	1.0	Surface	1	1	29.12	8.56	18.3	157.1	10.9	1.9	4
HKLR	HY/2011/03	2014-06-02	Mid-Ebb	Sunny	IS7	14:53:48	1.0	Surface	1	2	29.1	8.56	18.31	156.9	10.89	1.7	3.6
HKLR	HY/2011/03	2014-06-02	Mid-Ebb	Sunny	IS7	14:53:40	2.2	Bottom	3	1	29.12	8.56	18.31	156.3	10.85	1.8	4.5
HKLR	HY/2011/03	2014-06-02	Mid-Ebb	Sunny	IS7	14:53:55	2.2	Bottom	3	2	29.13	8.56	18.31	156.6	10.86	1.8	4.6
HKLR	HY/2011/03	2014-06-02	Mid-Ebb	Sunny	IS8	15:17:26	1.0	Surface	1	1	28.91	8.44	18.12	132.9	9.26	2.4	4.4
HKLR	HY/2011/03	2014-06-02	Mid-Ebb	Sunny	IS8	15:17:11	1.0	Surface	1	2	28.84	8.43	18.16	131.9	9.2	2.5	3.9
HKLR	HY/2011/03	2014-06-02	Mid-Ebb	Sunny	IS8	15:17:04	2.8	Bottom	3	1	28.84	8.39	19.15	133.4	9.26	2.5	3.5
HKLR	HY/2011/03	2014-06-02	Mid-Ebb	Sunny	IS8	15:17:18	2.8	Bottom	3	2	28.63	8.36	19.25	133.3	9.28	2.4	3.9
HKLR	HY/2011/03	2014-06-02	Mid-Ebb	Sunny	IS(Mf)9	15:01:02	1.0	Surface	1	1	29.05	8.44	17.78	146.5	10.21	3.6	4
HKLR	HY/2011/03	2014-06-02	Mid-Ebb	Sunny	IS(Mf)9	15:00:49	1.0	Surface	1	2	29.05	8.44	17.78	146.2	10.18	3.6	4.1
HKLR	HY/2011/03	2014-06-02	Mid-Ebb	Sunny	IS(Mf)9	15:00:42	2.7	Bottom	3	1	29.04	8.43	17.87	145.8	10.15	3.5	3.2
HKLR	HY/2011/03	2014-06-02	Mid-Ebb	Sunny	IS(Mf)9	15:00:55	2.7	Bottom	3	2	29.05	8.44	17.79	146.2	10.18	3.6	3.9
HKLR	HY/2011/03	2014-06-02	Mid-Ebb	Sunny	IS10	15:41:47	1.0	Surface	1	1	28.34	8.24	14.75	91.8	6.58	2.1	3.1
HKLR	HY/2011/03	2014-06-02	Mid-Ebb	Sunny	IS10	15:41:07	1.0	Surface	1	2	28.2	8.23	15.52	90	6.44	2.1	3.3
HKLR	HY/2011/03	2014-06-02	Mid-Ebb	Sunny	IS10	15:41:32	5.1	Middle	2	1	27.5	8.16	19.33	82.9	5.88	2.3	3.7
HKLR	HY/2011/03	2014-06-02	Mid-Ebb	Sunny	IS10	15:40:54	5.1	Middle	2	2	27.58	8.16	19.56	83.1	5.87	2.2	2.4
HKLR	HY/2011/03	2014-06-02	Mid-Ebb	Sunny	IS10	15:41:25	9.2	Bottom	3	1	27.46	8.14	21.35	85.4	5.99	2.3	3.5
HKLR	HY/2011/03	2014-06-02	Mid-Ebb	Sunny	IS10	15:40:44	9.2	Bottom	3	2	27.34	8.14	20.49	82.9	5.85	2.1	3.1
HKLR	HY/2011/03	2014-06-02	Mid-Ebb	Sunny	SR3	14:31:29	0.8	Middle	2	1	29.04	8.42	15.87	131.8	9.28	3.6	3.6
HKLR	HY/2011/03	2014-06-02	Mid-Ebb	Sunny	SR3	14:31:34	0.8	Middle	2	2	29.02	8.41	16.58	131.6	9.24	3.4	4.3
HKLR	HY/2011/03	2014-06-02	Mid-Ebb	Sunny	SR4	15:11:48	1.0	Surface	1	1	28.85	8.42	18.17	127.7	8.91	3.2	4.7
HKLR	HY/2011/03	2014-06-02	Mid-Ebb	Sunny	SR4	15:12:09	1.0	Surface	1	2	28.97	8.46	18.16	130.2	9.06	3.2	3.7
HKLR	HY/2011/03	2014-06-02	Mid-Ebb	Sunny	SR4	15:11:39	2.7	Bottom	3	1	28.46	8.31	19.4	129.9	9.06	3.2	4.7
HKLR	HY/2011/03	2014-06-02	Mid-Ebb	Sunny	SR4	15:11:58	2.7	Bottom	3	2	28.24	8.28	19.6	127.2	8.89	3.1	5.1
HKLR	HY/2011/03	2014-06-02	Mid-Ebb	Sunny	SR5	15:33:31	1.0	Surface	1	1	28.42	8.25	15.21	100.1	7.15	2	2.6
HKLR	HY/2011/03	2014-06-02	Mid-Ebb	Sunny	SR5	15:32:55	1.0	Surface	1	2	28.16	8.22	15.31	94.9	6.8	2.1	2.7
HKLR	HY/2011/03	2014-06-02	Mid-Ebb	Sunny	SR5	15:33:08	3.8	Bottom	3	1	27.89	8.19	17.9	94.3	6.7	2	2.7
HKLR	HY/2011/03	2014-06-02	Mid-Ebb	Sunny	SR5	15:32:44	3.8	Bottom	3	2	27.91	8.2	17.78	95.5	6.79	2.2	2.5
HKLR	HY/2011/03	2014-06-02	Mid-Ebb	Sunny	SR10A	16:27:48	1.0	Surface	1	1	28.95	8.28	15.87	120.4	8.49	2.1	3.3
HKLR	HY/2011/03	2014-06-02	Mid-Ebb	Sunny	SR10A	16:28:15	1.0	Surface	1	2	28.96	8.28	15.8	120.5	8.5	2.1	4.1
HKLR	HY/2011/03	2014-06-02	Mid-Ebb	Sunny	SR10A	16:28:06	3.3	Middle	2	1	28.91	8.28	16.01	120.3	8.48	2.1	2.8
HKLR	HY/2011/03	2014-06-02	Mid-Ebb	Sunny	SR10A	16:27:37	3.3	Middle	2	2	28.9	8.28	16.33	120	8.45	2.1	2.7
HKLR	HY/2011/03	2014-06-02	Mid-Ebb	Sunny	SR10A	16:27:26	5.5	Bottom	3	1	28.92	8.27	16.31	120.1	8.45	2.1	3
HKLR	HY/2011/03	2014-06-02	Mid-Ebb	Sunny	SR10A	16:27:57	5.5	Bottom	3	2	28.91	8.28	16.42	120.3	8.46	2.2	2.7
HKLR	HY/2011/03	2014-06-02	Mid-Ebb	Sunny	SR10B	16:36:43	1.0	Surface	1	1	28.97	8.29	15.29	120.2	8.5	2.1	2.9
HKLR	HY/2011/03	2014-06-02	Mid-Ebb	Sunny	SR10B	16:36:24	1.0	Surface	1	2	28.93	8.28	15.33	120.1	8.5	2.1	3
HKLR	HY/2011/03	2014-06-02	Mid-Ebb	Sunny	SR10B	16:36:15	3.9	Bottom	3	1	28.89	8.27	15.92	119.8	8.46	2.2	3.8
HKLR	HY/2011/03	2014-06-02	Mid-Ebb	Sunny	SR10B	16:36:30	3.9	Bottom	3	2	28.91	8.28	16.29	119.8	8.43	2.2	2.6
HKLR	HY/2011/03	2014-06-02	Mid-Ebb	Sunny	CS2	14:18:46	1.0	Surface	1	1	28.36	8.19	14.86	91.9	6.58	2.1	2.5
HKLR	HY/2011/03	2014-06-02	Mid-Ebb	Sunny	CS2	14:17:47	1.0	Surface	1	2	28.35	8.15	14.86	94.2	6.75	2.3	2.5
HKLR	HY/2011/03	2014-06-02	Mid-Ebb	Sunny	CS2	14:17:30	3.6	Middle	2	1	27.75	8.04	18.13	81.5	5.79	2.7	3.4
HKLR	HY/2011/03	2014-06-02	Mid-Ebb	Sunny	CS2	14:18:34	3.6	Middle	2	2	27.79	8.12	18.14	83	5.89	2.4	3.5
HKLR	HY/2011/03	2014-06-02	Mid-Ebb	Sunny	CS2	14:18:18	6.1	Bottom	3	1	27.19	8.05	22.19	76.5	5.37	3.2	2.6
HKLR	HY/2011/03	2014-06-02	Mid-Ebb	Sunny	CS2	14:17:16	6.1	Bottom	3	2	27.31	8.05	22.17	79.7	5.58	2.9	2.2
HKLR	HY/2011/03	2014-06-02	Mid-Ebb	Sunny	CS(Mf)5	16:00:19	1.0	Surface	1	1	28.19	8.16	16.86	95.9	6.81	2.6	2.8
HKLR	HY/2011/03	2014-06-02	Mid-Ebb	Sunny	CS(Mf)5	15:59:25	1.0	Surface	1	2	28.17	8.16	16.89	94.1	6.69	2.6	3.2
HKLR	HY/2011/03	2014-06-02	Mid-Ebb	Sunny	CS(Mf)5	15:59:07	6.4	Middle	2	1	27.78	8.09	21.57	80.2	5.59	2.6	3.7

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-06-02	Mid-Ebb	Sunny	CS(Mf)5	15:59:59	6.4	Middle	2	2	27.84	8.1	20.6	81.6	5.71	2.6	2.8
HKLR	HY/2011/03	2014-06-02	Mid-Ebb	Sunny	CS(Mf)5	15:59:45	11.7	Bottom	3	1	26.4	8.03	27.04	79.2	5.48	2.7	4
HKLR	HY/2011/03	2014-06-02	Mid-Ebb	Sunny	CS(Mf)5	15:58:52	11.7	Bottom	3	2	26.36	8.02	27.34	80.3	5.55	2.7	2.9
HKLR	HY/2011/03	2014-06-02	Mid-Flood	Sunny	IS5	09:53:16	1.0	Surface	1	1	28.5	8.41	18.91	112.6	7.87	2.2	3.4
HKLR	HY/2011/03	2014-06-02	Mid-Flood	Sunny	IS5	09:54:07	1.0	Surface	1	2	28.43	8.38	18.98	104.2	7.29	2.2	2.8
HKLR	HY/2011/03	2014-06-02	Mid-Flood	Sunny	IS5	09:52:54	4.4	Middle	2	1	27.6	8.12	21.95	74.6	5.2	2.8	3.2
HKLR	HY/2011/03	2014-06-02	Mid-Flood	Sunny	IS5	09:53:51	4.4	Middle	2	2	27.6	8.12	21.79	75.1	5.24	2.8	3.4
HKLR	HY/2011/03	2014-06-02	Mid-Flood	Sunny	IS5	09:53:38	7.8	Bottom	3	1	26.94	7.98	24.5	74.2	5.16	3.4	2.7
HKLR	HY/2011/03	2014-06-02	Mid-Flood	Sunny	IS5	09:52:40	7.8	Bottom	3	2	26.92	7.96	24.54	71.1	4.95	3.4	2.9
HKLR	HY/2011/03	2014-06-02	Mid-Flood	Sunny	IS(Mf)6	09:43:17	1.0	Surface	1	1	28.5	8.39	17.98	129.2	9.07	1.5	2.2
HKLR	HY/2011/03	2014-06-02	Mid-Flood	Sunny	IS(Mf)6	09:43:01	1.0	Surface	1	2	28.49	8.41	17.91	128.9	9.06	1.5	2.5
HKLR	HY/2011/03	2014-06-02	Mid-Flood	Sunny	IS(Mf)6	09:43:07	2.1	Bottom	3	1	28.63	8.44	18.43	130.9	9.15	1.5	2.8
HKLR	HY/2011/03	2014-06-02	Mid-Flood	Sunny	IS(Mf)6	09:42:52	2.1	Bottom	3	2	28.57	8.42	18.66	127.4	8.9	1.6	2.5
HKLR	HY/2011/03	2014-06-02	Mid-Flood	Sunny	IS7	09:37:24	1.0	Surface	1	1	28.74	8.47	18.5	132.4	9.24	1.8	2.7
HKLR	HY/2011/03	2014-06-02	Mid-Flood	Sunny	IS7	09:37:04	1.0	Surface	1	2	28.84	8.49	18.46	134.7	9.38	1.8	2.3
HKLR	HY/2011/03	2014-06-02	Mid-Flood	Sunny	IS7	09:36:51	2.2	Bottom	3	1	28.68	8.46	18.52	133.4	9.31	1.7	2.3
HKLR	HY/2011/03	2014-06-02	Mid-Flood	Sunny	IS7	09:37:16	2.2	Bottom	3	2	28.59	8.45	18.57	132.8	9.28	1.7	2.9
HKLR	HY/2011/03	2014-06-02	Mid-Flood	Sunny	IS8	09:14:43	1.0	Surface	1	1	28.06	8.14	17.2	87.4	6.21	3.5	2.6
HKLR	HY/2011/03	2014-06-02	Mid-Flood	Sunny	IS8	09:15:04	1.0	Surface	1	2	28.02	8.14	17.02	88.3	6.28	3.3	2.7
HKLR	HY/2011/03	2014-06-02	Mid-Flood	Sunny	IS8	09:14:33	3.3	Bottom	3	1	27.78	8.07	19.17	86.2	6.09	3.4	2.1
HKLR	HY/2011/03	2014-06-02	Mid-Flood	Sunny	IS8	09:14:56	3.3	Bottom	3	2	27.87	8.09	18.75	89.1	6.3	3.3	2.3
HKLR	HY/2011/03	2014-06-02	Mid-Flood	Sunny	IS(Mf)9	09:30:36	1.0	Surface	1	1	28.38	8.29	17.09	114.5	8.1	2.1	2.8
HKLR	HY/2011/03	2014-06-02	Mid-Flood	Sunny	IS(Mf)9	09:30:51	1.0	Surface	1	2	28.41	8.36	17.2	117.8	8.32	2.2	2.2
HKLR	HY/2011/03	2014-06-02	Mid-Flood	Sunny	IS(Mf)9	09:30:45	2.7	Bottom	3	1	28.44	8.36	17.92	115.4	8.11	2.2	3.2
HKLR	HY/2011/03	2014-06-02	Mid-Flood	Sunny	IS(Mf)9	09:30:24	2.7	Bottom	3	2	28.4	8.34	17.86	115.4	8.12	2.2	3
HKLR	HY/2011/03	2014-06-02	Mid-Flood	Sunny	IS10	08:52:23	1.0	Surface	1	1	28.09	8.2	16.38	89.8	6.41	2.6	2.7
HKLR	HY/2011/03	2014-06-02	Mid-Flood	Sunny	IS10	08:51:09	1.0	Surface	1	2	28.06	8.21	16.63	88.6	6.32	2.6	2.8
HKLR	HY/2011/03	2014-06-02	Mid-Flood	Sunny	IS10	08:51:51	5.1	Middle	2	1	27.58	8.16	20.5	79.1	5.56	3.9	2.3
HKLR	HY/2011/03	2014-06-02	Mid-Flood	Sunny	IS10	08:50:43	5.1	Middle	2	2	27.5	8.15	21.69	78.7	5.5	4	2.9
HKLR	HY/2011/03	2014-06-02	Mid-Flood	Sunny	IS10	08:51:33	9.1	Bottom	3	1	26.94	8.12	23.58	76.4	5.34	4.8	2.5
HKLR	HY/2011/03	2014-06-02	Mid-Flood	Sunny	IS10	08:50:17	9.1	Bottom	3	2	27.18	8.12	23.15	77.6	5.42	4.4	2.6
HKLR	HY/2011/03	2014-06-02	Mid-Flood	Sunny	SR3	09:58:45	0.8	Middle	2	1	28.52	8.41	18.91	123.8	8.64	1.9	3.2
HKLR	HY/2011/03	2014-06-02	Mid-Flood	Sunny	SR3	09:58:50	0.8	Middle	2	2	28.51	8.41	18.94	124.5	8.69	1.9	3.1
HKLR	HY/2011/03	2014-06-02	Mid-Flood	Sunny	SR4	09:21:47	1.0	Surface	1	1	28.27	8.09	16.34	86.2	6.13	2.5	3
HKLR	HY/2011/03	2014-06-02	Mid-Flood	Sunny	SR4	09:22:03	1.0	Surface	1	2	28.01	8.07	16.57	83.8	5.98	2.6	2
HKLR	HY/2011/03	2014-06-02	Mid-Flood	Sunny	SR4	09:21:56	2.7	Bottom	3	1	27.93	8.05	18.99	85.6	6.03	2.6	2.6
HKLR	HY/2011/03	2014-06-02	Mid-Flood	Sunny	SR4	09:21:34	2.7	Bottom	3	2	27.76	8.04	19.13	82.7	5.84	2.5	2.6
HKLR	HY/2011/03	2014-06-02	Mid-Flood	Sunny	SR5	08:59:07	1.0	Surface	1	1	28.07	8.21	16.26	90.7	6.48	2.4	2.6
HKLR	HY/2011/03	2014-06-02	Mid-Flood	Sunny	SR5	08:59:39	1.0	Surface	1	2	28.07	8.2	16.39	90.2	6.44	2.4	2.1
HKLR	HY/2011/03	2014-06-02	Mid-Flood	Sunny	SR5	08:59:24	3.9	Bottom	3	1	27.86	8.18	18.13	89.1	6.32	2.2	2.7
HKLR	HY/2011/03	2014-06-02	Mid-Flood	Sunny	SR5	08:58:54	3.9	Bottom	3	2	27.85	8.19	18.1	90	6.39	2	2.9
HKLR	HY/2011/03	2014-06-02	Mid-Flood	Sunny	SR10A	08:11:07	1.0	Surface	1	1	28.08	8.13	15.47	88.4	6.34	1.5	2.7
HKLR	HY/2011/03	2014-06-02	Mid-Flood	Sunny	SR10A	08:11:34	1.0	Surface	1	2	27.98	8.13	15.61	86.9	6.24	1.4	2.2
HKLR	HY/2011/03	2014-06-02	Mid-Flood	Sunny	SR10A	08:10:58	3.3	Middle	2	1	27.69	8.1	19.9	85.8	6.04	1.5	2.8
HKLR	HY/2011/03	2014-06-02	Mid-Flood	Sunny	SR10A	08:11:27	3.3	Middle	2	2	27.66	8.1	19.92	85.8	6.04	1.5	2.4
HKLR	HY/2011/03	2014-06-02	Mid-Flood	Sunny	SR10A	08:10:50	5.5	Bottom	3	1	27.72	8.08	21.28	87.6	6.12	1.5	2.9
HKLR	HY/2011/03	2014-06-02	Mid-Flood	Sunny	SR10A	08:11:20	5.5	Bottom	3	2	27.67	8.08	21.15	87.4	6.12	1.5	2.7
HKLR	HY/2011/03	2014-06-02	Mid-Flood	Sunny	SR10B	08:05:28	1.0	Surface	1	1	27.65	8.09	18.4	79.6	5.66	1.5	3
HKLR	HY/2011/03	2014-06-02	Mid-Flood	Sunny	SR10B	08:05:11	1.0	Surface	1	2	27.55	8.08	18.26	83.2	5.93	1.5	2.8
HKLR	HY/2011/03	2014-06-02	Mid-Flood	Sunny	SR10B	08:05:20	4.3	Bottom	3	1	26.3	8.03	23.41	82.7	5.72	1.5	2.1
HKLR	HY/2011/03	2014-06-02	Mid-Flood	Sunny	SR10B	08:05:01	4.3	Bottom	3	2	27.61	8.05	22.2	82.9	5.77	1.4	2.6
HKLR	HY/2011/03	2014-06-02	Mid-Flood	Sunny	CS2	10:13:57	1.0	Surface	1	1	28.09	8.12	12.61	81.6	5.95	3.5	2
HKLR	HY/2011/03	2014-06-02	Mid-Flood	Sunny	CS2	10:14:48	1.0	Surface	1	2	28.17	8.14	12.21	82.7	6.03	3.2	3.6
HKLR	HY/2011/03	2014-06-02	Mid-Flood	Sunny	CS2	10:14:30	3.9	Middle	2	1	27.7	8.1	19.43	75.9	5.36	4.7	2.6
HKLR	HY/2011/03	2014-06-02	Mid-Flood	Sunny	CS2	10:13:40	3.9	Middle	2	2	27.79	8.1	17.63	74	5.27	5	3.3
HKLR	HY/2011/03	2014-06-02	Mid-Flood	Sunny	CS2	10:14:11	6.7	Bottom	3	1	26.96	7.99	23.67	76.1	5.31	6.3	2
HKLR	HY/2011/03	2014-06-02	Mid-Flood	Sunny	CS2	10:13:26	6.7	Bottom	3	2	26.75	8.01	24.02	73.2	5.15	6.6	2.6

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-06-02	Mid-Flood	Sunny	CS(Mf)5	08:40:54	1.0	Surface	1	1	28.2	8.13	15.26	78.4	5.62	2.1	2.3
HKLR	HY/2011/03	2014-06-02	Mid-Flood	Sunny	CS(Mf)5	08:41:35	1.0	Surface	1	2	28.18	8.13	15.39	77.5	5.55	2	2.6
HKLR	HY/2011/03	2014-06-02	Mid-Flood	Sunny	CS(Mf)5	08:41:23	6.3	Middle	2	1	26.43	8.07	26.17	75.2	5.16	2.5	2.8
HKLR	HY/2011/03	2014-06-02	Mid-Flood	Sunny	CS(Mf)5	08:40:42	6.3	Middle	2	2	26.33	8.07	26.23	75.9	5.21	2.4	3
HKLR	HY/2011/03	2014-06-02	Mid-Flood	Sunny	CS(Mf)5	08:41:09	11.6	Bottom	3	1	25.86	8.05	30.04	68.9	4.79	2.5	2.2
HKLR	HY/2011/03	2014-06-02	Mid-Flood	Sunny	CS(Mf)5	08:40:33	11.6	Bottom	3	2	25.85	8.04	30.05	70.3	4.89	2.4	3.2
HKLR	HY/2011/03	2014-06-04	Mid-Ebb	Sunny	IS5	15:51:26	1.0	Surface	1	1	28.75	8.16	18.34	92	6.39	3.3	4.4
HKLR	HY/2011/03	2014-06-04	Mid-Ebb	Sunny	IS5	15:51:55	1.0	Surface	1	2	28.58	8.11	18.1	89	6.19	3.4	3.6
HKLR	HY/2011/03	2014-06-04	Mid-Ebb	Sunny	IS5	15:51:18	4.6	Middle	2	1	26.14	7.95	27.8	85.6	5.96	3.4	3.9
HKLR	HY/2011/03	2014-06-04	Mid-Ebb	Sunny	IS5	15:51:48	4.6	Middle	2	2	26.31	7.94	26.61	80.9	5.66	3.4	3.3
HKLR	HY/2011/03	2014-06-04	Mid-Ebb	Sunny	IS5	15:51:37	8.1	Bottom	3	1	26.18	8	28.07	79.9	5.57	3.6	3.5
HKLR	HY/2011/03	2014-06-04	Mid-Ebb	Sunny	IS5	15:51:13	8.1	Bottom	3	2	26.32	8.08	28	85.4	5.97	3.5	5.3
HKLR	HY/2011/03	2014-06-04	Mid-Ebb	Sunny	IS(Mf)6	15:38:02	1.0	Surface	1	1	28.7	8.32	17.82	107.8	7.55	3.3	3.4
HKLR	HY/2011/03	2014-06-04	Mid-Ebb	Sunny	IS(Mf)6	15:38:15	1.0	Surface	1	2	28.79	8.35	17.89	110.1	7.7	3.3	4.6
HKLR	HY/2011/03	2014-06-04	Mid-Ebb	Sunny	IS(Mf)6	15:37:55	2.7	Bottom	3	1	28.8	8.3	18.99	107.5	7.5	3.6	3.7
HKLR	HY/2011/03	2014-06-04	Mid-Ebb	Sunny	IS(Mf)6	15:38:05	2.7	Bottom	3	2	28.8	8.34	18.83	109	7.6	3.5	3.6
HKLR	HY/2011/03	2014-06-04	Mid-Ebb	Sunny	IS7	15:31:41	1.0	Surface	1	1	29.21	8.4	16.74	114.6	8.01	4.4	3.5
HKLR	HY/2011/03	2014-06-04	Mid-Ebb	Sunny	IS7	15:31:50	1.0	Surface	1	2	29.27	8.42	16.71	116	8.11	4.3	3.3
HKLR	HY/2011/03	2014-06-04	Mid-Ebb	Sunny	IS7	15:31:46	2.4	Bottom	3	1	29.43	8.43	17.27	115.7	8.06	4.3	3.9
HKLR	HY/2011/03	2014-06-04	Mid-Ebb	Sunny	IS7	15:31:36	2.4	Bottom	3	2	29.43	8.43	17.95	114.6	7.97	4.4	4.3
HKLR	HY/2011/03	2014-06-04	Mid-Ebb	Sunny	IS8	16:18:00	1.0	Surface	1	1	28.87	8.38	17.13	113.5	7.95	5	5.4
HKLR	HY/2011/03	2014-06-04	Mid-Ebb	Sunny	IS8	16:17:51	1.0	Surface	1	2	28.85	8.38	17.2	112.1	7.84	5	4.7
HKLR	HY/2011/03	2014-06-04	Mid-Ebb	Sunny	IS8	16:17:45	2.3	Bottom	3	1	28.87	8.36	18.55	111.9	7.82	5.3	4.5
HKLR	HY/2011/03	2014-06-04	Mid-Ebb	Sunny	IS8	16:17:55	2.3	Bottom	3	2	29.08	8.39	18.29	113.3	7.9	5.1	4.5
HKLR	HY/2011/03	2014-06-04	Mid-Ebb	Sunny	IS(Mf)9	16:04:07	1.0	Surface	1	1	29.33	8.44	16.73	120.6	8.37	2.8	3.4
HKLR	HY/2011/03	2014-06-04	Mid-Ebb	Sunny	IS(Mf)9	16:04:17	1.0	Surface	1	2	28.77	8.38	17.1	118.7	8.32	2.8	4.2
HKLR	HY/2011/03	2014-06-04	Mid-Ebb	Sunny	IS(Mf)9	16:04:12	2.4	Bottom	3	1	28.4	8.39	18.58	116.5	8.17	2.9	3.2
HKLR	HY/2011/03	2014-06-04	Mid-Ebb	Sunny	IS(Mf)9	16:04:01	2.4	Bottom	3	2	29.57	8.46	17.78	119.5	8.35	2.8	2.8
HKLR	HY/2011/03	2014-06-04	Mid-Ebb	Sunny	IS10	17:01:49	1.0	Surface	1	1	28.93	8.39	16.09	111.7	7.87	4.3	2.7
HKLR	HY/2011/03	2014-06-04	Mid-Ebb	Sunny	IS10	17:00:26	1.0	Surface	1	2	28.99	8.4	16.1	112.4	7.91	4.3	3
HKLR	HY/2011/03	2014-06-04	Mid-Ebb	Sunny	IS10	17:00:01	5.3	Middle	2	1	26.6	8.13	23.13	78.5	5.44	4.4	2.9
HKLR	HY/2011/03	2014-06-04	Mid-Ebb	Sunny	IS10	17:01:20	5.3	Middle	2	2	26.49	8.14	23.27	78	5.42	4.4	2.6
HKLR	HY/2011/03	2014-06-04	Mid-Ebb	Sunny	IS10	16:59:53	9.5	Bottom	3	1	26.08	8.11	27.48	72.9	5.14	4.6	3.3
HKLR	HY/2011/03	2014-06-04	Mid-Ebb	Sunny	IS10	17:01:12	9.5	Bottom	3	2	25.97	8.12	27.62	72.6	5.12	4.7	2.7
HKLR	HY/2011/03	2014-06-04	Mid-Ebb	Sunny	SR3	15:44:38	0.6	Middle	2	1	29.28	8.39	17.48	110.6	7.71	3.2	3.9
HKLR	HY/2011/03	2014-06-04	Mid-Ebb	Sunny	SR3	15:44:41	0.6	Middle	2	2	29.27	8.39	17.49	111.3	7.76	3.3	2.7
HKLR	HY/2011/03	2014-06-04	Mid-Ebb	Sunny	SR4	16:09:53	1.0	Surface	1	1	28.12	8.23	18.03	100.9	7.1	6	3.8
HKLR	HY/2011/03	2014-06-04	Mid-Ebb	Sunny	SR4	16:10:01	1.0	Surface	1	2	28.05	8.22	18.33	101.8	7.16	5.9	4.1
HKLR	HY/2011/03	2014-06-04	Mid-Ebb	Sunny	SR4	16:09:49	2.3	Bottom	3	1	28.62	8.27	20.16	100.5	7	6.1	4.4
HKLR	HY/2011/03	2014-06-04	Mid-Ebb	Sunny	SR4	16:09:57	2.3	Bottom	3	2	28.37	8.26	20.2	102.1	7.12	6.1	4.8
HKLR	HY/2011/03	2014-06-04	Mid-Ebb	Sunny	SR5	16:50:09	1.0	Surface	1	1	29.2	8.45	15.09	120	8.46	2.5	2.6
HKLR	HY/2011/03	2014-06-04	Mid-Ebb	Sunny	SR5	16:51:05	1.0	Surface	1	2	29.14	8.45	15.4	120.7	8.51	2.5	3.5
HKLR	HY/2011/03	2014-06-04	Mid-Ebb	Sunny	SR5	16:49:43	3.8	Bottom	3	1	27.27	8.2	21.98	88.4	6.2	2.6	4.6
HKLR	HY/2011/03	2014-06-04	Mid-Ebb	Sunny	SR5	16:50:37	3.8	Bottom	3	2	27.21	8.19	22.2	86.6	6.07	2.5	3.7
HKLR	HY/2011/03	2014-06-04	Mid-Ebb	Sunny	SR10A	17:14:12	1.0	Surface	1	1	29.41	8.39	17.32	112.9	7.86	1.4	2.2
HKLR	HY/2011/03	2014-06-04	Mid-Ebb	Sunny	SR10A	17:13:49	1.0	Surface	1	2	29.15	8.36	17.51	110.6	7.72	1.3	2.3
HKLR	HY/2011/03	2014-06-04	Mid-Ebb	Sunny	SR10A	17:13:41	3.3	Middle	2	1	28.25	8.26	18.26	109.7	7.65	1.4	2.9
HKLR	HY/2011/03	2014-06-04	Mid-Ebb	Sunny	SR10A	17:14:03	3.3	Middle	2	2	28.56	8.31	17.87	112	7.8	1.4	2.9
HKLR	HY/2011/03	2014-06-04	Mid-Ebb	Sunny	SR10A	17:13:37	5.5	Bottom	3	1	28.43	8.27	19.75	108	7.58	1.5	4.1
HKLR	HY/2011/03	2014-06-04	Mid-Ebb	Sunny	SR10A	17:13:58	5.5	Bottom	3	2	28.92	8.33	18.77	110.3	7.73	1.6	3.4
HKLR	HY/2011/03	2014-06-04	Mid-Ebb	Sunny	SR10B	17:21:57	1.0	Surface	1	1	29.47	8.4	17.35	116.3	8.1	1.4	2.1
HKLR	HY/2011/03	2014-06-04	Mid-Ebb	Sunny	SR10B	17:21:41	1.0	Surface	1	2	29.48	8.4	17.33	116.1	8.08	1.4	2.9
HKLR	HY/2011/03	2014-06-04	Mid-Ebb	Sunny	SR10B	17:21:49	4.2	Bottom	3	1	29.46	8.4	17.42	116.1	8.08	1.4	2.3
HKLR	HY/2011/03	2014-06-04	Mid-Ebb	Sunny	SR10B	17:21:31	4.2	Bottom	3	2	29.45	8.4	17.43	115.8	8.06	1.5	2.4
HKLR	HY/2011/03	2014-06-04	Mid-Ebb	Sunny	CS2	15:31:12	1.0	Surface	1	1	29.45	8.51	14.73	110.6	7.78	2.5	2.2
HKLR	HY/2011/03	2014-06-04	Mid-Ebb	Sunny	CS2	15:32:20	1.0	Surface	1	2	29.46	8.51	14.65	119.8	8.43	2.5	2.4
HKLR	HY/2011/03	2014-06-04	Mid-Ebb	Sunny	CS2	15:31:55	3.8	Middle	2	1	27.46	8.21	20.91	80.8	5.68	2.5	3.1

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-06-04	Mid-Ebb	Sunny	CS2	15:30:53	3.8	Middle	2	2	27.25	8.23	21.19	76.9	5.35	2.5	2.6
HKLR	HY/2011/03	2014-06-04	Mid-Ebb	Sunny	CS2	15:31:37	6.5	Bottom	3	1	26.52	8.16	25.63	75.8	5.27	2.7	2.2
HKLR	HY/2011/03	2014-06-04	Mid-Ebb	Sunny	CS2	15:30:39	6.5	Bottom	3	2	26.54	8.22	25.81	73.5	5.18	2.9	2.2
HKLR	HY/2011/03	2014-06-04	Mid-Ebb	Sunny	CS(Mf)5	16:48:50	1.0	Surface	1	1	29.03	8.39	17.61	109.5	7.65	1.8	2.9
HKLR	HY/2011/03	2014-06-04	Mid-Ebb	Sunny	CS(Mf)5	16:49:30	1.0	Surface	1	2	29.02	8.29	17.91	100.9	7.01	1.8	2.4
HKLR	HY/2011/03	2014-06-04	Mid-Ebb	Sunny	CS(Mf)5	16:49:21	6.4	Middle	2	1	27.22	8.09	24.19	95.6	6.67	1.8	2
HKLR	HY/2011/03	2014-06-04	Mid-Ebb	Sunny	CS(Mf)5	16:48:10	6.4	Middle	2	2	26.48	8.07	24.92	89.3	6.2	2	3
HKLR	HY/2011/03	2014-06-04	Mid-Ebb	Sunny	CS(Mf)5	16:47:56	11.7	Bottom	3	1	26.13	8.04	29.2	85.6	5.99	2	2.8
HKLR	HY/2011/03	2014-06-04	Mid-Ebb	Sunny	CS(Mf)5	16:49:09	11.7	Bottom	3	2	25.73	8.1	29.39	91.8	6.39	1.8	2.9
HKLR	HY/2011/03	2014-06-04	Mid-Flood	Sunny	IS5	10:45:48	1.0	Surface	1	1	28.76	8.26	16.97	90.2	6.33	1.5	2.6
HKLR	HY/2011/03	2014-06-04	Mid-Flood	Sunny	IS5	10:46:33	1.0	Surface	1	2	28.69	8.19	17.07	82.9	5.81	1.6	2.3
HKLR	HY/2011/03	2014-06-04	Mid-Flood	Sunny	IS5	10:46:24	4.6	Middle	2	1	26.3	7.92	24.61	81.2	5.66	1.6	2.2
HKLR	HY/2011/03	2014-06-04	Mid-Flood	Sunny	IS5	10:45:37	4.6	Middle	2	2	26.74	7.98	23.81	89.9	6.26	1.6	2.4
HKLR	HY/2011/03	2014-06-04	Mid-Flood	Sunny	IS5	10:46:18	8.2	Bottom	3	1	26.14	7.92	27.72	78.2	5.48	1.7	3.7
HKLR	HY/2011/03	2014-06-04	Mid-Flood	Sunny	IS5	10:45:29	8.2	Bottom	3	2	26.24	7.98	27.54	83.1	5.82	1.6	3
HKLR	HY/2011/03	2014-06-04	Mid-Flood	Sunny	IS(Mf)6	10:37:11	1.0	Surface	1	1	29.39	8.37	16.2	112.6	7.87	1.6	2.3
HKLR	HY/2011/03	2014-06-04	Mid-Flood	Sunny	IS(Mf)6	10:37:27	1.0	Surface	1	2	29.38	8.38	16.18	113	7.9	1.5	3.1
HKLR	HY/2011/03	2014-06-04	Mid-Flood	Sunny	IS(Mf)6	10:37:18	2.3	Bottom	3	1	29.29	8.38	16.3	112.4	7.86	1.6	4.3
HKLR	HY/2011/03	2014-06-04	Mid-Flood	Sunny	IS(Mf)6	10:37:02	2.3	Bottom	3	2	29.42	8.37	16.26	112.5	7.87	1.8	4.7
HKLR	HY/2011/03	2014-06-04	Mid-Flood	Sunny	IS7	10:28:08	1.0	Surface	1	1	28.94	8.4	16.23	111.2	7.79	2.3	3.1
HKLR	HY/2011/03	2014-06-04	Mid-Flood	Sunny	IS7	10:27:56	1.0	Surface	1	2	28.85	8.39	16.31	111.4	7.81	2.2	2.4
HKLR	HY/2011/03	2014-06-04	Mid-Flood	Sunny	IS7	10:27:52	2.4	Bottom	3	1	28.87	8.4	17.02	111.1	7.8	2.4	2.3
HKLR	HY/2011/03	2014-06-04	Mid-Flood	Sunny	IS7	10:28:00	2.4	Bottom	3	2	28.9	8.39	17	111	7.79	2.4	2.2
HKLR	HY/2011/03	2014-06-04	Mid-Flood	Sunny	IS8	09:59:33	1.0	Surface	1	1	28.2	8.21	17.25	101.5	7.14	1.9	2.2
HKLR	HY/2011/03	2014-06-04	Mid-Flood	Sunny	IS8	09:59:43	1.0	Surface	1	2	28.25	8.22	17.1	101.7	7.17	1.8	2.7
HKLR	HY/2011/03	2014-06-04	Mid-Flood	Sunny	IS8	09:59:38	2.3	Bottom	3	1	28.33	8.23	17.08	101.7	7.16	1.9	2.7
HKLR	HY/2011/03	2014-06-04	Mid-Flood	Sunny	IS8	09:59:29	2.3	Bottom	3	2	28.27	8.22	17.32	101.4	7.14	2	2.1
HKLR	HY/2011/03	2014-06-04	Mid-Flood	Sunny	IS(Mf)9	10:19:56	1.0	Surface	1	1	28.58	8.31	17.07	107.3	7.54	4.9	2.4
HKLR	HY/2011/03	2014-06-04	Mid-Flood	Sunny	IS(Mf)9	10:19:43	1.0	Surface	1	2	28.63	8.31	16.99	107.2	7.53	4.8	2.5
HKLR	HY/2011/03	2014-06-04	Mid-Flood	Sunny	IS(Mf)9	10:19:35	2.3	Bottom	3	1	28.6	8.31	17.14	107	7.51	4.9	4.4
HKLR	HY/2011/03	2014-06-04	Mid-Flood	Sunny	IS(Mf)9	10:19:50	2.3	Bottom	3	2	28.61	8.3	17.09	107.1	7.52	5	3.4
HKLR	HY/2011/03	2014-06-04	Mid-Flood	Sunny	IS10	09:53:40	1.0	Surface	1	1	28.31	8.21	15.8	83.6	5.96	4.2	3.2
HKLR	HY/2011/03	2014-06-04	Mid-Flood	Sunny	IS10	09:52:50	1.0	Surface	1	2	28.32	8.21	15.79	84.5	6.02	4.2	2.2
HKLR	HY/2011/03	2014-06-04	Mid-Flood	Sunny	IS10	09:52:30	5.4	Middle	2	1	26.76	8.1	24.42	76.1	5.27	4.2	3
HKLR	HY/2011/03	2014-06-04	Mid-Flood	Sunny	IS10	09:53:20	5.4	Middle	2	2	26.44	8.1	24.49	73.4	5.09	4.1	3.3
HKLR	HY/2011/03	2014-06-04	Mid-Flood	Sunny	IS10	09:52:13	9.8	Bottom	3	1	26.11	8.07	27.62	69.8	4.87	5.3	2.9
HKLR	HY/2011/03	2014-06-04	Mid-Flood	Sunny	IS10	09:53:08	9.8	Bottom	3	2	26.06	8.07	27.83	67.7	4.75	5.3	2.8
HKLR	HY/2011/03	2014-06-04	Mid-Flood	Sunny	SR3	10:52:18	0.7	Middle	2	1	29.01	8.36	16.72	109.8	7.7	1.3	4.1
HKLR	HY/2011/03	2014-06-04	Mid-Flood	Sunny	SR3	10:52:20	0.7	Middle	2	2	28.98	8.36	16.76	109.9	7.7	1.3	2.8
HKLR	HY/2011/03	2014-06-04	Mid-Flood	Sunny	SR4	10:06:58	1.0	Surface	1	1	28.33	8.17	17.36	98.2	6.91	4.8	4.4
HKLR	HY/2011/03	2014-06-04	Mid-Flood	Sunny	SR4	10:07:07	1.0	Surface	1	2	28.31	8.16	17.47	98.5	6.93	4.7	4
HKLR	HY/2011/03	2014-06-04	Mid-Flood	Sunny	SR4	10:07:02	2.4	Bottom	3	1	28.36	8.17	17.39	98.5	6.93	4.8	3.8
HKLR	HY/2011/03	2014-06-04	Mid-Flood	Sunny	SR4	10:06:54	2.4	Bottom	3	2	28.34	8.16	17.4	97.8	6.87	5	5.1
HKLR	HY/2011/03	2014-06-04	Mid-Flood	Sunny	SR5	10:02:56	1.0	Surface	1	1	27.84	8.16	16.43	83	5.95	2.4	2.4
HKLR	HY/2011/03	2014-06-04	Mid-Flood	Sunny	SR5	10:03:15	1.0	Surface	1	2	28.19	8.19	15.88	85.9	6.14	2.4	3
HKLR	HY/2011/03	2014-06-04	Mid-Flood	Sunny	SR5	10:02:47	4.0	Bottom	3	1	27.86	8.13	20.57	84.4	5.91	2.4	2.1
HKLR	HY/2011/03	2014-06-04	Mid-Flood	Sunny	SR5	10:03:03	4.0	Bottom	3	2	27.78	8.13	21.21	84.4	5.89	2.4	2.4
HKLR	HY/2011/03	2014-06-04	Mid-Flood	Sunny	SR10A	08:51:42	1.0	Surface	1	1	27.86	8.23	17.48	94.2	6.65	1	2.6
HKLR	HY/2011/03	2014-06-04	Mid-Flood	Sunny	SR10A	08:52:17	1.0	Surface	1	2	27.43	8.2	17.85	92	6.41	1	2
HKLR	HY/2011/03	2014-06-04	Mid-Flood	Sunny	SR10A	08:51:29	3.2	Middle	2	1	26.77	8.16	20.14	93.5	6.52	1.1	2.5
HKLR	HY/2011/03	2014-06-04	Mid-Flood	Sunny	SR10A	08:52:10	3.2	Middle	2	2	26.39	8.13	21.51	90.1	6.37	1.1	2.5
HKLR	HY/2011/03	2014-06-04	Mid-Flood	Sunny	SR10A	08:52:02	5.3	Bottom	3	1	26.33	8.11	26.56	88.3	6.23	1.2	2.1
HKLR	HY/2011/03	2014-06-04	Mid-Flood	Sunny	SR10A	08:51:22	5.3	Bottom	3	2	26.46	8.15	26.25	90.7	6.41	1.1	2.7
HKLR	HY/2011/03	2014-06-04	Mid-Flood	Sunny	SR10B	08:46:35	1.0	Surface	1	1	27.67	8.19	18.01	94.7	6.68	0.9	2.6
HKLR	HY/2011/03	2014-06-04	Mid-Flood	Sunny	SR10B	08:46:50	1.0	Surface	1	2	27.71	8.2	18.32	95.3	6.72	0.9	2.6
HKLR	HY/2011/03	2014-06-04	Mid-Flood	Sunny	SR10B	08:46:26	4.2	Bottom	3	1	27.59	8.17	20.3	94.5	6.63	0.9	3.6
HKLR	HY/2011/03	2014-06-04	Mid-Flood	Sunny	SR10B	08:46:41	4.2	Bottom	3	2	27.69	8.18	20.36	95.2	6.68	0.9	2.2

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-06-04	Mid-Flood	Sunny	CS2	11:20:47	1.0	Surface	1	1	28.26	8.2	15.1	84.6	6.06	3.1	2.9
HKLR	HY/2011/03	2014-06-04	Mid-Flood	Sunny	CS2	11:21:27	1.0	Surface	1	2	28.26	8.2	15	84.1	6.03	3.1	3.7
HKLR	HY/2011/03	2014-06-04	Mid-Flood	Sunny	CS2	11:20:27	4.1	Middle	2	1	26.47	8.08	23.28	75.8	5.27	3.2	3.4
HKLR	HY/2011/03	2014-06-04	Mid-Flood	Sunny	CS2	11:21:10	4.1	Middle	2	2	26.9	8.11	20.72	76.6	5.32	3.2	2.2
HKLR	HY/2011/03	2014-06-04	Mid-Flood	Sunny	CS2	11:21:01	7.1	Bottom	3	1	26.44	8.06	26.16	70.6	5.02	3.2	2.4
HKLR	HY/2011/03	2014-06-04	Mid-Flood	Sunny	CS2	11:20:18	7.1	Bottom	3	2	26.16	8.04	26.9	69.1	4.88	3.3	2.5
HKLR	HY/2011/03	2014-06-04	Mid-Flood	Sunny	CS(Mf)5	09:29:13	1.0	Surface	1	1	28.02	8.24	17.53	89.1	6.27	1	2.6
HKLR	HY/2011/03	2014-06-04	Mid-Flood	Sunny	CS(Mf)5	09:28:27	1.0	Surface	1	2	27.97	8.24	17.55	89	6.27	1	2.5
HKLR	HY/2011/03	2014-06-04	Mid-Flood	Sunny	CS(Mf)5	09:28:13	6.7	Middle	2	1	25.12	8.08	29.17	85.4	5.94	1.1	2.9
HKLR	HY/2011/03	2014-06-04	Mid-Flood	Sunny	CS(Mf)5	09:28:57	6.7	Middle	2	2	25.54	8.1	28.77	83.9	5.84	1.1	2.7
HKLR	HY/2011/03	2014-06-04	Mid-Flood	Sunny	CS(Mf)5	09:28:45	12.3	Bottom	3	1	24.88	8.07	31.91	80.2	5.6	1.2	2.1
HKLR	HY/2011/03	2014-06-04	Mid-Flood	Sunny	CS(Mf)5	09:28:05	12.3	Bottom	3	2	24.89	8.08	31.9	81.4	5.69	1.1	2.5
HKLR	HY/2011/03	2014-06-06	Mid-Ebb	Cloudy	IS5	17:52:24	1.0	Surface	1	1	29.08	8.56	16.36	103.7	7.28	3.7	5.4
HKLR	HY/2011/03	2014-06-06	Mid-Ebb	Cloudy	IS5	17:51:33	1.0	Surface	1	2	29.08	8.55	16.55	102.9	7.21	3.8	4.4
HKLR	HY/2011/03	2014-06-06	Mid-Ebb	Cloudy	IS5	17:51:20	4.3	Middle	2	1	28.55	8.37	19.67	74.7	5.19	4.8	4.7
HKLR	HY/2011/03	2014-06-06	Mid-Ebb	Cloudy	IS5	17:52:07	4.3	Middle	2	2	27.98	8.26	20.97	77.9	5.37	4.5	4.1
HKLR	HY/2011/03	2014-06-06	Mid-Ebb	Cloudy	IS5	17:51:02	7.5	Bottom	3	1	26.41	8.09	27.42	74.9	5.17	4.6	4.3
HKLR	HY/2011/03	2014-06-06	Mid-Ebb	Cloudy	IS5	17:51:47	7.5	Bottom	3	2	26.39	8.11	27.52	73.3	5.11	4.4	6.1
HKLR	HY/2011/03	2014-06-06	Mid-Ebb	Cloudy	IS(Mf)6	17:56:42	1.0	Surface	1	1	29.22	8.68	17.3	141.6	9.86	4.5	4.2
HKLR	HY/2011/03	2014-06-06	Mid-Ebb	Cloudy	IS(Mf)6	17:56:19	1.0	Surface	1	2	29.19	8.64	17.29	132.9	9.26	4.6	5.4
HKLR	HY/2011/03	2014-06-06	Mid-Ebb	Cloudy	IS(Mf)6	17:56:23	2.3	Bottom	3	1	29.18	8.62	17.71	133.5	9.29	4.5	4.5
HKLR	HY/2011/03	2014-06-06	Mid-Ebb	Cloudy	IS(Mf)6	17:56:10	2.3	Bottom	3	2	29.16	8.61	18.39	134.9	9.35	4.5	4.4
HKLR	HY/2011/03	2014-06-06	Mid-Ebb	Cloudy	IS7	18:03:41	1.0	Surface	1	1	29.2	8.66	16.53	139.5	9.76	5.5	4.5
HKLR	HY/2011/03	2014-06-06	Mid-Ebb	Cloudy	IS7	18:03:55	1.0	Surface	1	2	29.18	8.66	16.4	133.5	9.35	5.4	4.1
HKLR	HY/2011/03	2014-06-06	Mid-Ebb	Cloudy	IS7	18:03:30	2.3	Bottom	3	1	29.2	8.65	17.37	136	9.47	5.5	4.7
HKLR	HY/2011/03	2014-06-06	Mid-Ebb	Cloudy	IS7	18:03:47	2.3	Bottom	3	2	29.12	8.59	17.83	136.7	9.5	5.3	5.1
HKLR	HY/2011/03	2014-06-06	Mid-Ebb	Cloudy	IS8	18:25:57	1.0	Surface	1	1	28.88	8.55	17.53	120.3	8.41	6.5	6.2
HKLR	HY/2011/03	2014-06-06	Mid-Ebb	Cloudy	IS8	18:25:40	1.0	Surface	1	2	28.82	8.54	17.41	119.7	8.39	6.5	5.5
HKLR	HY/2011/03	2014-06-06	Mid-Ebb	Cloudy	IS8	18:25:48	2.8	Bottom	3	1	28.82	8.52	18.67	121.3	8.44	6.6	5.3
HKLR	HY/2011/03	2014-06-06	Mid-Ebb	Cloudy	IS8	18:25:32	2.8	Bottom	3	2	28.75	8.5	18.82	122.2	8.51	6.7	5.3
HKLR	HY/2011/03	2014-06-06	Mid-Ebb	Cloudy	IS(Mf)9	18:09:52	1.0	Surface	1	1	29.08	8.63	16.67	130.8	9.16	6.3	4.2
HKLR	HY/2011/03	2014-06-06	Mid-Ebb	Cloudy	IS(Mf)9	18:09:39	1.0	Surface	1	2	29.06	8.6	17.35	127	8.86	6.3	5
HKLR	HY/2011/03	2014-06-06	Mid-Ebb	Cloudy	IS(Mf)9	18:09:46	2.6	Bottom	3	1	29.05	8.6	17.62	129.4	9.02	6.4	4.2
HKLR	HY/2011/03	2014-06-06	Mid-Ebb	Cloudy	IS(Mf)9	18:09:32	2.6	Bottom	3	2	29.05	8.57	18.37	124.5	8.64	6.1	3.6
HKLR	HY/2011/03	2014-06-06	Mid-Ebb	Cloudy	IS10	18:41:38	1.0	Surface	1	1	28.96	8.32	13	99.7	7.14	1.2	3.5
HKLR	HY/2011/03	2014-06-06	Mid-Ebb	Cloudy	IS10	18:42:48	1.0	Surface	1	2	29	8.33	12.68	99.7	7.15	1.3	3.8
HKLR	HY/2011/03	2014-06-06	Mid-Ebb	Cloudy	IS10	18:42:31	5.7	Middle	2	1	28.35	8.22	17.77	86.7	6.11	1.4	3.7
HKLR	HY/2011/03	2014-06-06	Mid-Ebb	Cloudy	IS10	18:41:19	5.7	Middle	2	2	28.23	8.22	18.63	87.5	6.15	1.3	3.4
HKLR	HY/2011/03	2014-06-06	Mid-Ebb	Cloudy	IS10	18:40:49	10.3	Bottom	3	1	26.4	8.09	26.25	73.5	5.11	2.5	4.1
HKLR	HY/2011/03	2014-06-06	Mid-Ebb	Cloudy	IS10	18:41:59	10.3	Bottom	3	2	26.33	8.08	26.52	72.7	5.05	2.4	3.5
HKLR	HY/2011/03	2014-06-06	Mid-Ebb	Cloudy	SR3	17:41:45	0.7	Middle	2	1	29.12	8.59	15.98	123	8.65	3.2	4.7
HKLR	HY/2011/03	2014-06-06	Mid-Ebb	Cloudy	SR3	17:41:38	0.7	Middle	2	2	29.11	8.58	15.97	122.5	8.61	3.1	3.5
HKLR	HY/2011/03	2014-06-06	Mid-Ebb	Cloudy	SR4	18:20:10	1.0	Surface	1	1	28.88	8.55	18.23	117.1	8.16	6.5	4.8
HKLR	HY/2011/03	2014-06-06	Mid-Ebb	Cloudy	SR4	18:20:31	1.0	Surface	1	2	28.81	8.54	18.1	112.9	7.88	6.3	4.9
HKLR	HY/2011/03	2014-06-06	Mid-Ebb	Cloudy	SR4	18:20:22	2.7	Bottom	3	1	28.45	8.43	19.32	108.1	7.54	6.4	5.2
HKLR	HY/2011/03	2014-06-06	Mid-Ebb	Cloudy	SR4	18:19:57	2.7	Bottom	3	2	28.56	8.45	20.1	115.6	8.01	6.4	5.6
HKLR	HY/2011/03	2014-06-06	Mid-Ebb	Cloudy	SR5	18:27:18	1.0	Surface	1	1	28.98	8.32	12.58	100.7	7.23	1.2	3.4
HKLR	HY/2011/03	2014-06-06	Mid-Ebb	Cloudy	SR5	18:27:54	1.0	Surface	1	2	29.01	8.33	12.55	102.1	7.32	1.1	4.3
HKLR	HY/2011/03	2014-06-06	Mid-Ebb	Cloudy	SR5	18:27:04	4.5	Bottom	3	1	28.29	8.22	18.58	95	6.67	1.6	5.4
HKLR	HY/2011/03	2014-06-06	Mid-Ebb	Cloudy	SR5	18:27:37	4.5	Bottom	3	2	28.24	8.22	18.69	94.9	6.67	1.5	4.5
HKLR	HY/2011/03	2014-06-06	Mid-Ebb	Cloudy	SR10A	19:31:06	1.0	Surface	1	1	28.63	8.53	15.67	116.4	8.27	1.5	3
HKLR	HY/2011/03	2014-06-06	Mid-Ebb	Cloudy	SR10A	19:30:30	1.0	Surface	1	2	28.62	8.53	15.72	116.3	8.26	1.5	3.1
HKLR	HY/2011/03	2014-06-06	Mid-Ebb	Cloudy	SR10A	19:30:18	3.3	Middle	2	1	28.53	8.51	16.11	112.9	8.01	1.5	3.9
HKLR	HY/2011/03	2014-06-06	Mid-Ebb	Cloudy	SR10A	19:30:54	3.3	Middle	2	2	28.53	8.51	16.26	113.8	8.06	1.6	3.7
HKLR	HY/2011/03	2014-06-06	Mid-Ebb	Cloudy	SR10A	19:30:40	5.5	Bottom	3	1	28.49	8.48	18.71	115.4	8.08	1.6	4.9
HKLR	HY/2011/03	2014-06-06	Mid-Ebb	Cloudy	SR10A	19:30:07	5.5	Bottom	3	2	28.46	8.48	17.94	113.8	8	1.5	4.2
HKLR	HY/2011/03	2014-06-06	Mid-Ebb	Cloudy	SR10B	19:42:09	1.0	Surface	1	1	28.63	8.53	15.24	119.1	8.47	1.5	2.9

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-06-06	Mid-Ebb	Cloudy	SR10B	19:41:47	1.0	Surface	1	2	28.64	8.53	15.36	118.9	8.45	1.5	3.7
HKLR	HY/2011/03	2014-06-06	Mid-Ebb	Cloudy	SR10B	19:41:55	3.7	Bottom	3	1	28.65	8.52	15.69	118.9	8.44	1.6	3.1
HKLR	HY/2011/03	2014-06-06	Mid-Ebb	Cloudy	SR10B	19:41:35	3.7	Bottom	3	2	28.65	8.52	15.79	118.8	8.43	1.5	3.2
HKLR	HY/2011/03	2014-06-06	Mid-Ebb	Cloudy	CS2	17:27:12	1.0	Surface	1	1	28.97	8.36	12.76	97.7	7.01	1.5	3
HKLR	HY/2011/03	2014-06-06	Mid-Ebb	Cloudy	CS2	17:28:03	1.0	Surface	1	2	29.09	8.38	11.96	98.5	7.08	1.3	3.2
HKLR	HY/2011/03	2014-06-06	Mid-Ebb	Cloudy	CS2	17:27:47	4.2	Middle	2	1	28.39	8.25	21.47	78.8	5.58	1.6	4.1
HKLR	HY/2011/03	2014-06-06	Mid-Ebb	Cloudy	CS2	17:26:49	4.2	Middle	2	2	27.55	8.21	21.37	77.1	5.4	1.6	3.4
HKLR	HY/2011/03	2014-06-06	Mid-Ebb	Cloudy	CS2	17:26:11	7.3	Bottom	3	1	26.82	8.19	25.93	72.7	5.02	2.4	3
HKLR	HY/2011/03	2014-06-06	Mid-Ebb	Cloudy	CS2	17:27:31	7.3	Bottom	3	2	26.45	8.11	26.05	71.7	4.98	2.6	3
HKLR	HY/2011/03	2014-06-06	Mid-Ebb	Cloudy	CS(Mf)5	19:02:54	1.0	Surface	1	1	28.62	8.47	16.25	91.6	6.48	2.2	3.7
HKLR	HY/2011/03	2014-06-06	Mid-Ebb	Cloudy	CS(Mf)5	19:02:03	1.0	Surface	1	2	28.63	8.47	16.27	92	6.51	2.2	3.2
HKLR	HY/2011/03	2014-06-06	Mid-Ebb	Cloudy	CS(Mf)5	19:02:41	6.1	Middle	2	1	27.06	8.29	23.91	72.6	5.06	2.3	2.8
HKLR	HY/2011/03	2014-06-06	Mid-Ebb	Cloudy	CS(Mf)5	19:01:48	6.1	Middle	2	2	26.7	8.26	25.3	72.5	5.03	2.3	3.8
HKLR	HY/2011/03	2014-06-06	Mid-Ebb	Cloudy	CS(Mf)5	19:01:23	11.1	Bottom	3	1	24.73	8.17	31.69	71.8	4.99	2.3	3.6
HKLR	HY/2011/03	2014-06-06	Mid-Ebb	Cloudy	CS(Mf)5	19:02:21	11.1	Bottom	3	2	24.71	8.18	31.72	72.7	5.04	2.3	3.7
HKLR	HY/2011/03	2014-06-06	Mid-Flood	Cloudy	IS5	13:09:04	1.0	Surface	1	1	29.12	8.52	17.81	84.1	5.85	4.2	3.6
HKLR	HY/2011/03	2014-06-06	Mid-Flood	Cloudy	IS5	13:09:49	1.0	Surface	1	2	29.08	8.52	17.84	86.1	6	4.3	3.1
HKLR	HY/2011/03	2014-06-06	Mid-Flood	Cloudy	IS5	13:08:51	4.4	Middle	2	1	28.13	8.22	23.64	68.1	5.23	5.2	3
HKLR	HY/2011/03	2014-06-06	Mid-Flood	Cloudy	IS5	13:09:37	4.4	Middle	2	2	27.5	8.13	23.35	78.6	5.42	5.1	3.2
HKLR	HY/2011/03	2014-06-06	Mid-Flood	Cloudy	IS5	13:08:38	7.8	Bottom	3	1	26.35	8.13	27.66	74.3	5.17	5.1	4.5
HKLR	HY/2011/03	2014-06-06	Mid-Flood	Cloudy	IS5	13:09:27	7.8	Bottom	3	2	26.45	8.12	27.62	74.1	5.11	5.3	3.8
HKLR	HY/2011/03	2014-06-06	Mid-Flood	Cloudy	IS(Mf)6	13:00:10	1.0	Surface	1	1	29.32	8.63	16.22	133.8	9.36	2.9	3.1
HKLR	HY/2011/03	2014-06-06	Mid-Flood	Cloudy	IS(Mf)6	12:59:47	1.0	Surface	1	2	29.33	8.62	16.06	132.6	9.28	2.8	3.9
HKLR	HY/2011/03	2014-06-06	Mid-Flood	Cloudy	IS(Mf)6	12:59:39	2.2	Bottom	3	1	29.26	8.6	16.56	132	9.22	3	5.1
HKLR	HY/2011/03	2014-06-06	Mid-Flood	Cloudy	IS(Mf)6	13:00:03	2.2	Bottom	3	2	29.24	8.62	16.71	132.3	9.24	3	5.5
HKLR	HY/2011/03	2014-06-06	Mid-Flood	Cloudy	IS7	12:53:30	1.0	Surface	1	1	29.3	8.62	15.66	137.9	9.68	2.6	4.1
HKLR	HY/2011/03	2014-06-06	Mid-Flood	Cloudy	IS7	12:53:14	1.0	Surface	1	2	29.27	8.62	15.97	137.8	9.66	2.5	3.2
HKLR	HY/2011/03	2014-06-06	Mid-Flood	Cloudy	IS7	12:53:22	2.1	Bottom	3	1	29.27	8.62	17.77	137.7	9.56	2.5	3.1
HKLR	HY/2011/03	2014-06-06	Mid-Flood	Cloudy	IS7	12:53:05	2.1	Bottom	3	2	29.25	8.62	17.71	136.8	9.5	2.6	3
HKLR	HY/2011/03	2014-06-06	Mid-Flood	Cloudy	IS8	12:29:06	1.0	Surface	1	1	28.78	8.45	15.98	114.1	8.06	3.5	3
HKLR	HY/2011/03	2014-06-06	Mid-Flood	Cloudy	IS8	12:28:46	1.0	Surface	1	2	28.86	8.46	15.96	117.3	8.28	3.5	3.5
HKLR	HY/2011/03	2014-06-06	Mid-Flood	Cloudy	IS8	12:28:38	3.0	Bottom	3	1	28.83	8.47	17.98	117	8.17	3.5	3.5
HKLR	HY/2011/03	2014-06-06	Mid-Flood	Cloudy	IS8	12:28:59	3.0	Bottom	3	2	28.7	8.43	19.59	114.8	7.96	3.5	2.9
HKLR	HY/2011/03	2014-06-06	Mid-Flood	Cloudy	IS(Mf)9	12:47:05	1.0	Surface	1	1	29.12	8.54	15.29	129	9.1	2.5	3.2
HKLR	HY/2011/03	2014-06-06	Mid-Flood	Cloudy	IS(Mf)9	12:46:44	1.0	Surface	1	2	29.1	8.56	16.39	130.4	9.14	2.5	3.3
HKLR	HY/2011/03	2014-06-06	Mid-Flood	Cloudy	IS(Mf)9	12:46:34	2.6	Bottom	3	1	29.07	8.57	17.94	130.7	9.09	2.5	5.4
HKLR	HY/2011/03	2014-06-06	Mid-Flood	Cloudy	IS(Mf)9	12:46:55	2.6	Bottom	3	2	29.07	8.57	17.5	130.6	9.11	2.5	4.2
HKLR	HY/2011/03	2014-06-06	Mid-Flood	Cloudy	IS10	12:24:02	1.0	Surface	1	1	28.96	8.3	14.74	100.8	7.15	1.1	4
HKLR	HY/2011/03	2014-06-06	Mid-Flood	Cloudy	IS10	12:23:03	1.0	Surface	1	2	28.96	8.3	14.76	100.9	7.16	1.1	3
HKLR	HY/2011/03	2014-06-06	Mid-Flood	Cloudy	IS10	12:23:51	5.8	Middle	2	1	28.67	8.26	16.49	93	6.57	1.3	3.8
HKLR	HY/2011/03	2014-06-06	Mid-Flood	Cloudy	IS10	12:22:45	5.8	Middle	2	2	28.16	8.23	19.4	90.4	6.34	1.2	4.1
HKLR	HY/2011/03	2014-06-06	Mid-Flood	Cloudy	IS10	12:22:00	10.6	Bottom	3	1	27.18	8.12	23.82	79.9	5.55	1.6	3.7
HKLR	HY/2011/03	2014-06-06	Mid-Flood	Cloudy	IS10	12:23:34	10.6	Bottom	3	2	27.49	8.14	21.87	80.5	5.63	1.7	3.6
HKLR	HY/2011/03	2014-06-06	Mid-Flood	Cloudy	SR3	13:15:44	0.7	Middle	2	1	29.12	8.57	17.9	122	8.48	2	4.9
HKLR	HY/2011/03	2014-06-06	Mid-Flood	Cloudy	SR3	13:15:37	0.7	Middle	2	2	29.12	8.57	17.91	121.2	8.43	2.1	3.6
HKLR	HY/2011/03	2014-06-06	Mid-Flood	Cloudy	SR4	12:36:29	1.0	Surface	1	1	29.08	8.47	14.55	116.8	8.28	2.2	5.4
HKLR	HY/2011/03	2014-06-06	Mid-Flood	Cloudy	SR4	12:36:09	1.0	Surface	1	2	29.24	8.47	14.36	118.2	8.36	2.2	4.8
HKLR	HY/2011/03	2014-06-06	Mid-Flood	Cloudy	SR4	12:36:21	2.7	Bottom	3	1	28.86	8.44	17.14	116.2	8.15	2.2	4.6
HKLR	HY/2011/03	2014-06-06	Mid-Flood	Cloudy	SR4	12:36:01	2.7	Bottom	3	2	29.19	8.45	16.4	117.5	8.23	2.1	5.9
HKLR	HY/2011/03	2014-06-06	Mid-Flood	Cloudy	SR5	12:36:42	1.0	Surface	1	1	29.04	8.32	14.69	108.5	7.69	1.2	3.2
HKLR	HY/2011/03	2014-06-06	Mid-Flood	Cloudy	SR5	12:37:18	1.0	Surface	1	2	28.92	8.3	15.08	106.8	7.57	1.2	3.8
HKLR	HY/2011/03	2014-06-06	Mid-Flood	Cloudy	SR5	12:36:21	4.5	Bottom	3	1	28.55	8.28	18.24	106.3	7.45	1.3	2.9
HKLR	HY/2011/03	2014-06-06	Mid-Flood	Cloudy	SR5	12:36:50	4.5	Bottom	3	2	28.57	8.25	20.51	105.8	7.32	1.2	3.2
HKLR	HY/2011/03	2014-06-06	Mid-Flood	Cloudy	SR10A	11:26:25	1.0	Surface	1	1	28.69	8.34	15.19	86	6.11	1.4	3.4
HKLR	HY/2011/03	2014-06-06	Mid-Flood	Cloudy	SR10A	11:25:51	1.0	Surface	1	2	28.74	8.34	14.88	88.7	6.31	1.4	2.8
HKLR	HY/2011/03	2014-06-06	Mid-Flood	Cloudy	SR10A	11:26:17	3.3	Middle	2	1	27	8.23	22.17	79.2	5.58	1.3	3.5
HKLR	HY/2011/03	2014-06-06	Mid-Flood	Cloudy	SR10A	11:25:42	3.3	Middle	2	2	27.11	8.23	21.41	79.8	5.63	1.3	3.3

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-06-06	Mid-Flood	Cloudy	SR10A	11:25:34	5.6	Bottom	3	1	26.62	8.18	25.4	81.5	5.67	1.3	2.9
HKLR	HY/2011/03	2014-06-06	Mid-Flood	Cloudy	SR10A	11:26:10	5.6	Bottom	3	2	26.57	8.18	25.57	81.4	5.66	1.3	3.5
HKLR	HY/2011/03	2014-06-06	Mid-Flood	Cloudy	SR10B	11:20:31	1.0	Surface	1	1	28.46	8.31	16.54	88.4	6.26	1.3	3.4
HKLR	HY/2011/03	2014-06-06	Mid-Flood	Cloudy	SR10B	11:20:07	1.0	Surface	1	2	28.28	8.27	16.83	82.5	5.86	1.4	3.4
HKLR	HY/2011/03	2014-06-06	Mid-Flood	Cloudy	SR10B	11:20:00	4.0	Bottom	3	1	26.48	8.16	25.69	83.3	5.8	1.4	4.4
HKLR	HY/2011/03	2014-06-06	Mid-Flood	Cloudy	SR10B	11:20:19	4.0	Bottom	3	2	26.48	8.17	25.78	84.5	5.88	1.4	3
HKLR	HY/2011/03	2014-06-06	Mid-Flood	Cloudy	CS2	13:34:06	1.0	Surface	1	1	29.03	8.31	12.14	101.6	7.31	1.1	3.7
HKLR	HY/2011/03	2014-06-06	Mid-Flood	Cloudy	CS2	13:34:45	1.0	Surface	1	2	28.87	8.3	12.31	100.8	7.26	1.1	4.5
HKLR	HY/2011/03	2014-06-06	Mid-Flood	Cloudy	CS2	13:34:00	4.1	Middle	2	1	28.72	8.28	13.03	97.8	7.03	1.1	4.4
HKLR	HY/2011/03	2014-06-06	Mid-Flood	Cloudy	CS2	13:34:36	4.1	Middle	2	2	28.65	8.24	16.17	97.1	6.87	1.1	3
HKLR	HY/2011/03	2014-06-06	Mid-Flood	Cloudy	CS2	13:33:52	7.2	Bottom	3	1	28.58	8.24	16.03	93.8	6.65	1.2	3.2
HKLR	HY/2011/03	2014-06-06	Mid-Flood	Cloudy	CS2	13:34:19	7.2	Bottom	3	2	27.49	8.16	19.04	91	6.46	1.3	3.3
HKLR	HY/2011/03	2014-06-06	Mid-Flood	Cloudy	CS(Mf)5	11:56:27	1.0	Surface	1	1	28.26	8.32	17.9	84.7	5.97	2.2	3.4
HKLR	HY/2011/03	2014-06-06	Mid-Flood	Cloudy	CS(Mf)5	11:55:38	1.0	Surface	1	2	28.27	8.32	17.94	84.3	5.94	2.2	3.3
HKLR	HY/2011/03	2014-06-06	Mid-Flood	Cloudy	CS(Mf)5	11:55:24	6.3	Middle	2	1	26.72	8.23	25.41	72.8	5.05	2.2	3.7
HKLR	HY/2011/03	2014-06-06	Mid-Flood	Cloudy	CS(Mf)5	11:56:11	6.3	Middle	2	2	26.63	8.22	25.77	75	5.19	2.3	3.5
HKLR	HY/2011/03	2014-06-06	Mid-Flood	Cloudy	CS(Mf)5	11:55:52	11.6	Bottom	3	1	25.01	8.14	30.99	71.2	4.94	2.7	2.9
HKLR	HY/2011/03	2014-06-06	Mid-Flood	Cloudy	CS(Mf)5	11:55:04	11.6	Bottom	3	2	24.98	8.13	31.05	71.3	4.95	2.7	3.3
HKLR	HY/2011/03	2014-06-09	Mid-Ebb	Sunny	IS5	11:14:16	1.0	Surface	1	1	28.81	8.5	19.44	76.7	5.44	3.8	2.4
HKLR	HY/2011/03	2014-06-09	Mid-Ebb	Sunny	IS5	11:13:22	1.0	Surface	1	2	29	8.52	19.05	76.9	5.44	3.5	2.2
HKLR	HY/2011/03	2014-06-09	Mid-Ebb	Sunny	IS5	11:13:05	4.2	Middle	2	1	25.72	8.06	29.19	75.2	5.33	6.4	3.7
HKLR	HY/2011/03	2014-06-09	Mid-Ebb	Sunny	IS5	11:13:57	4.2	Middle	2	2	25.69	8.06	29.34	74.3	5.26	6.4	3.9
HKLR	HY/2011/03	2014-06-09	Mid-Ebb	Sunny	IS5	11:12:55	7.3	Bottom	3	1	25.65	8.09	29.65	76.3	5.38	6.2	3.6
HKLR	HY/2011/03	2014-06-09	Mid-Ebb	Sunny	IS5	11:13:42	7.3	Bottom	3	2	25.56	8.07	29.85	70.2	4.95	6	4.5
HKLR	HY/2011/03	2014-06-09	Mid-Ebb	Sunny	IS(Mf)6	11:01:05	1.0	Surface	1	1	28.55	8.55	17.57	105.2	7.4	3.7	3.7
HKLR	HY/2011/03	2014-06-09	Mid-Ebb	Sunny	IS(Mf)6	11:01:27	1.0	Surface	1	2	28.68	8.53	17.53	99.8	7.01	4	3.9
HKLR	HY/2011/03	2014-06-09	Mid-Ebb	Sunny	IS(Mf)6	11:01:16	2.2	Bottom	3	1	26.98	8.24	25.52	93.9	6.49	5.1	4.2
HKLR	HY/2011/03	2014-06-09	Mid-Ebb	Sunny	IS(Mf)6	11:00:54	2.2	Bottom	3	2	27.4	8.26	21.52	92.8	6.51	4.7	4.2
HKLR	HY/2011/03	2014-06-09	Mid-Ebb	Sunny	IS7	10:54:05	1.0	Surface	1	1	28.75	8.6	17.45	115.6	8.11	8.4	4
HKLR	HY/2011/03	2014-06-09	Mid-Ebb	Sunny	IS7	10:54:32	1.0	Surface	1	2	28.67	8.58	17.49	105.9	7.44	8.8	4
HKLR	HY/2011/03	2014-06-09	Mid-Ebb	Sunny	IS7	10:53:48	2.3	Bottom	3	1	27.87	8.27	22.25	91.4	6.34	10.1	5
HKLR	HY/2011/03	2014-06-09	Mid-Ebb	Sunny	IS7	10:54:19	2.3	Bottom	3	2	27.88	8.27	22.35	94.6	6.55	9.5	4.6
HKLR	HY/2011/03	2014-06-09	Mid-Ebb	Sunny	IS8	10:26:18	1.0	Surface	1	1	28.25	8.41	19.98	80.3	5.6	4.4	2.6
HKLR	HY/2011/03	2014-06-09	Mid-Ebb	Sunny	IS8	10:25:59	1.0	Surface	1	2	27.98	8.34	20.25	76.6	5.36	4.7	2.3
HKLR	HY/2011/03	2014-06-09	Mid-Ebb	Sunny	IS8	10:25:45	2.8	Bottom	3	1	26.17	8.15	26.67	69.3	4.82	5.6	4.1
HKLR	HY/2011/03	2014-06-09	Mid-Ebb	Sunny	IS8	10:26:07	2.8	Bottom	3	2	26.12	8.2	26.63	74.9	5.22	5.1	4.3
HKLR	HY/2011/03	2014-06-09	Mid-Ebb	Sunny	IS(Mf)9	10:46:05	1.0	Surface	1	1	27.98	8.34	20.52	80.2	5.6	3.1	5.6
HKLR	HY/2011/03	2014-06-09	Mid-Ebb	Sunny	IS(Mf)9	10:45:42	1.0	Surface	1	2	27.9	8.3	21.46	77.9	5.42	3.1	5.5
HKLR	HY/2011/03	2014-06-09	Mid-Ebb	Sunny	IS(Mf)9	10:45:31	2.4	Bottom	3	1	26.28	8.18	25.96	75.7	5.28	2.6	6
HKLR	HY/2011/03	2014-06-09	Mid-Ebb	Sunny	IS(Mf)9	10:45:53	2.4	Bottom	3	2	26.21	8.19	26.16	72.5	5.06	2.6	5.4
HKLR	HY/2011/03	2014-06-09	Mid-Ebb	Sunny	IS10	11:25:13	1.0	Surface	1	1	28.65	8.49	19.19	108.7	7.57	2.7	2.9
HKLR	HY/2011/03	2014-06-09	Mid-Ebb	Sunny	IS10	11:25:18	1.0	Surface	1	2	28.89	8.53	19.18	112.9	7.82	3	2.7
HKLR	HY/2011/03	2014-06-09	Mid-Ebb	Sunny	IS10	10:34:36	1.9	Middle	2	1	27.93	8.32	20.45	81	5.66	5.3	2.3
HKLR	HY/2011/03	2014-06-09	Mid-Ebb	Sunny	IS10	10:34:16	1.9	Middle	2	2	27.48	8.25	23.14	79.5	5.52	5.9	3.1
HKLR	HY/2011/03	2014-06-09	Mid-Ebb	Sunny	IS10	10:33:59	2.7	Bottom	3	1	26.76	8.18	25.09	75	5.22	6.5	3
HKLR	HY/2011/03	2014-06-09	Mid-Ebb	Sunny	IS10	10:34:25	2.7	Bottom	3	2	26.73	8.18	24.91	75.6	5.26	6.3	3.8
HKLR	HY/2011/03	2014-06-09	Mid-Ebb	Sunny	SR3	09:08:25	1.0	Middle	2	1	26.26	8.17	24.9	89.5	6.28	1.8	3.8
HKLR	HY/2011/03	2014-06-09	Mid-Ebb	Sunny	SR3	09:09:06	1.0	Middle	2	2	26.05	8.18	25.74	89.8	6.29	2	4.2
HKLR	HY/2011/03	2014-06-09	Mid-Ebb	Sunny	SR4	09:08:12	1.0	Surface	1	1	25.96	8.15	25.94	85.3	5.99	2	3.8
HKLR	HY/2011/03	2014-06-09	Mid-Ebb	Sunny	SR4	09:08:57	1.0	Surface	1	2	26.02	8.15	25.88	89	6.24	2.1	3.6
HKLR	HY/2011/03	2014-06-09	Mid-Ebb	Sunny	SR4	09:08:47	5.7	Bottom	3	1	25.99	8.08	25.97	89	6.24	2.3	4.2
HKLR	HY/2011/03	2014-06-09	Mid-Ebb	Sunny	SR4	09:08:00	5.7	Bottom	3	2	25.7	8.13	27.27	85.7	5.99	2.2	4.3
HKLR	HY/2011/03	2014-06-09	Mid-Ebb	Sunny	SR5	08:56:06	1.0	Surface	1	1	25.45	8.07	27.77	72.8	5.09	2.6	2.8
HKLR	HY/2011/03	2014-06-09	Mid-Ebb	Sunny	SR5	08:55:33	1.0	Surface	1	2	25.43	8.04	27.87	73.8	5.16	2.8	2.5
HKLR	HY/2011/03	2014-06-09	Mid-Ebb	Sunny	SR5	08:55:18	4.2	Bottom	3	1	25.31	8.02	28.69	74.2	5.18	2.5	2.7
HKLR	HY/2011/03	2014-06-09	Mid-Ebb	Sunny	SR5	08:55:47	4.2	Bottom	3	2	25.2	8.05	28.75	71.4	5	2.7	2.7
HKLR	HY/2011/03	2014-06-09	Mid-Ebb	Sunny	SR10A	09:47:19	1.0	Surface	1	1	26.98	8.22	21.94	82.2	5.97	1.9	2.2

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-06-09	Mid-Ebb	Sunny	SR10A	09:46:36	1.0	Surface	1	2	27.23	8.25	21.57	83	6.03	1.8	2.4
HKLR	HY/2011/03	2014-06-09	Mid-Ebb	Sunny	SR10A	09:46:11	6.6	Middle	2	1	25.01	8.12	29.42	73.8	5.42	1.7	2.4
HKLR	HY/2011/03	2014-06-09	Mid-Ebb	Sunny	SR10A	09:46:58	6.6	Middle	2	2	24.96	8.13	29.62	74	5.45	1.7	2.4
HKLR	HY/2011/03	2014-06-09	Mid-Ebb	Sunny	SR10A	09:45:58	12.2	Bottom	3	1	24.8	8.11	30.16	71	5.27	1.9	3
HKLR	HY/2011/03	2014-06-09	Mid-Ebb	Sunny	SR10A	09:46:49	12.2	Bottom	3	2	24.86	8.13	30.12	70	5.16	1.9	3.5
HKLR	HY/2011/03	2014-06-09	Mid-Ebb	Sunny	SR10B	15:20:42	1.0	Surface	1	1	28.54	8.41	20.45	77.9	5.83	4.5	3.1
HKLR	HY/2011/03	2014-06-09	Mid-Ebb	Sunny	SR10B	15:21:17	1.0	Surface	1	2	28.45	8.46	20.95	78.3	5.86	4.8	2.7
HKLR	HY/2011/03	2014-06-09	Mid-Ebb	Sunny	SR10B	15:20:32	4.1	Bottom	3	1	25.67	8.03	30.03	76	5.5	4.5	2.9
HKLR	HY/2011/03	2014-06-09	Mid-Ebb	Sunny	SR10B	15:21:04	4.1	Bottom	3	2	25.68	8.05	30.07	76.9	5.68	4.7	3.4
HKLR	HY/2011/03	2014-06-09	Mid-Ebb	Sunny	CS2	15:20:24	1.0	Surface	1	1	25.67	8.05	30.26	74.9	5.25	4.5	2.1
HKLR	HY/2011/03	2014-06-09	Mid-Ebb	Sunny	CS2	15:20:54	1.0	Surface	1	2	25.72	8.11	30.33	76.8	5.54	4.5	2.4
HKLR	HY/2011/03	2014-06-09	Mid-Ebb	Sunny	CS2	15:31:36	1.6	Middle	2	1	29.33	8.74	19.26	95.2	7.13	9.3	2.7
HKLR	HY/2011/03	2014-06-09	Mid-Ebb	Sunny	CS2	15:31:19	1.6	Middle	2	2	29.21	8.7	19.32	95.1	7.12	10.2	2.9
HKLR	HY/2011/03	2014-06-09	Mid-Ebb	Sunny	CS2	15:31:26	2.1	Bottom	3	1	29.32	8.73	19.25	95	7.11	10	3.8
HKLR	HY/2011/03	2014-06-09	Mid-Ebb	Sunny	CS2	15:31:11	2.1	Bottom	3	2	29.22	8.67	19.68	95	7.12	10.8	3.6
HKLR	HY/2011/03	2014-06-09	Mid-Ebb	Sunny	CS(Mf)5	15:40:38	1.0	Surface	1	1	29.21	8.69	18.5	95.6	7.14	5.6	2.4
HKLR	HY/2011/03	2014-06-09	Mid-Ebb	Sunny	CS(Mf)5	15:40:53	1.0	Surface	1	2	29.15	8.66	18.51	95.8	7.15	5.2	2.6
HKLR	HY/2011/03	2014-06-09	Mid-Ebb	Sunny	CS(Mf)5	15:40:23	1.0	Middle	2	1	29.15	8.66	18.55	95.7	7.15	8.7	2.8
HKLR	HY/2011/03	2014-06-09	Mid-Ebb	Sunny	CS(Mf)5	15:40:45	1.0	Middle	2	2	29.16	8.66	18.66	95.7	7.15	8.2	2.9
HKLR	HY/2011/03	2014-06-09	Mid-Ebb	Sunny	CS(Mf)5	16:09:20	1.0	Bottom	3	1	27.64	8.43	23.43	105.6	7.3	9.1	3.4
HKLR	HY/2011/03	2014-06-09	Mid-Ebb	Sunny	CS(Mf)5	16:09:02	1.0	Bottom	3	2	27.43	8.38	23.84	97.2	6.73	9.8	3.6
HKLR	HY/2011/03	2014-06-09	Mid-Flood	Sunny	IS5	16:08:52	1.0	Surface	1	1	26.57	8.3	26.18	94.8	6.57	10.2	5.1
HKLR	HY/2011/03	2014-06-09	Mid-Flood	Sunny	IS5	16:09:09	1.0	Surface	1	2	27.27	8.36	24.34	99.7	6.9	10.8	4.2
HKLR	HY/2011/03	2014-06-09	Mid-Flood	Sunny	IS5	15:50:21	1.6	Middle	2	1	29.36	8.74	19.38	95.7	7.17	4.1	5.4
HKLR	HY/2011/03	2014-06-09	Mid-Flood	Sunny	IS5	15:49:55	1.6	Middle	2	2	29.18	8.69	19.47	95.6	7.15	4	5.4
HKLR	HY/2011/03	2014-06-09	Mid-Flood	Sunny	IS5	15:50:03	2.2	Bottom	3	1	28.96	8.63	20.04	95.4	7.14	4.3	7.7
HKLR	HY/2011/03	2014-06-09	Mid-Flood	Sunny	IS5	15:49:47	2.2	Bottom	3	2	28.93	8.62	20.43	95.3	7.13	4.1	7.2
HKLR	HY/2011/03	2014-06-09	Mid-Flood	Sunny	IS(Mf)6	15:07:08	1.0	Surface	1	1	28.68	8.47	20.1	125.1	8.66	4.7	4.6
HKLR	HY/2011/03	2014-06-09	Mid-Flood	Sunny	IS(Mf)6	15:07:01	1.0	Surface	1	2	28.66	8.45	20.16	120.8	8.36	5.1	4.7
HKLR	HY/2011/03	2014-06-09	Mid-Flood	Sunny	IS(Mf)6	16:00:49	1.0	Bottom	3	1	28.15	8.45	22.73	102.9	7.08	10.2	14
HKLR	HY/2011/03	2014-06-09	Mid-Flood	Sunny	IS(Mf)6	16:01:24	1.0	Bottom	3	2	27.72	8.43	22.88	104.7	7.25	9.7	12.9
HKLR	HY/2011/03	2014-06-09	Mid-Flood	Sunny	IS7	16:00:39	1.0	Surface	1	1	26.96	8.29	25.03	98.9	7	12	5.1
HKLR	HY/2011/03	2014-06-09	Mid-Flood	Sunny	IS7	16:01:13	1.0	Surface	1	2	26.91	8.34	25.07	105.3	7.31	11.5	5.7
HKLR	HY/2011/03	2014-06-09	Mid-Flood	Sunny	IS7	17:25:33	1.0	Bottom	3	1	25.78	8.32	29.14	84.5	5.84	1.9	7.2
HKLR	HY/2011/03	2014-06-09	Mid-Flood	Sunny	IS7	17:24:56	1.0	Bottom	3	2	25.75	8.31	29.2	79.2	5.47	2	6.4
HKLR	HY/2011/03	2014-06-09	Mid-Flood	Sunny	IS8	17:25:21	1.0	Surface	1	1	25.67	8.3	29.44	76.6	5.28	2.3	2.9
HKLR	HY/2011/03	2014-06-09	Mid-Flood	Sunny	IS8	17:24:46	1.0	Surface	1	2	25.51	8.28	29.68	73.3	5.07	2.3	2.9
HKLR	HY/2011/03	2014-06-09	Mid-Flood	Sunny	IS8	17:24:37	5.7	Bottom	3	1	25.16	8.23	30.41	72.9	5.06	2.2	2.7
HKLR	HY/2011/03	2014-06-09	Mid-Flood	Sunny	IS8	17:25:11	5.7	Bottom	3	2	25.59	8.29	29.62	73	5.06	2.2	3.3
HKLR	HY/2011/03	2014-06-09	Mid-Flood	Sunny	IS(Mf)9	17:42:01	1.0	Surface	1	1	25.8	8.32	29.05	86.5	5.97	1.7	5.3
HKLR	HY/2011/03	2014-06-09	Mid-Flood	Sunny	IS(Mf)9	17:42:21	1.0	Surface	1	2	25.83	8.33	28.99	87.2	6.02	1.8	5
HKLR	HY/2011/03	2014-06-09	Mid-Flood	Sunny	IS(Mf)9	17:42:09	4.4	Bottom	3	1	25.74	8.32	29.23	86.6	5.99	1.7	4.8
HKLR	HY/2011/03	2014-06-09	Mid-Flood	Sunny	IS(Mf)9	17:41:52	4.4	Bottom	3	2	25.71	8.31	29.34	86.5	5.98	1.7	4.6
HKLR	HY/2011/03	2014-06-09	Mid-Flood	Sunny	IS10	16:50:30	1.0	Surface	1	1	27.38	8.43	24.35	94.4	7.06	1.7	3.1
HKLR	HY/2011/03	2014-06-09	Mid-Flood	Sunny	IS10	16:49:37	1.0	Surface	1	2	27.08	8.35	24.75	94.6	7.09	1.8	3
HKLR	HY/2011/03	2014-06-09	Mid-Flood	Sunny	IS10	16:49:23	6.6	Middle	2	1	25.25	8.11	30.09	94.8	7.08	2.2	3.8
HKLR	HY/2011/03	2014-06-09	Mid-Flood	Sunny	IS10	16:50:12	6.6	Middle	2	2	25.28	8.11	30.02	94.2	7.05	2.2	3.7
HKLR	HY/2011/03	2014-06-09	Mid-Flood	Sunny	IS10	16:49:09	12.1	Bottom	3	1	25.03	8.12	30.64	95.3	7.13	2.3	5.4
HKLR	HY/2011/03	2014-06-09	Mid-Flood	Sunny	IS10	16:49:58	12.1	Bottom	3	2	25.21	8.13	30.26	94.2	7.06	2.2	6.4
HKLR	HY/2011/03	2014-06-09	Mid-Flood	Sunny	SR3	10:20:14	1.0	Middle	2	1	27.47	8.19	20.32	83.8	5.91	4.4	6.2
HKLR	HY/2011/03	2014-06-09	Mid-Flood	Sunny	SR3	10:19:10	1.0	Middle	2	2	27.37	8.18	20.5	83.1	5.87	4.4	6.8
HKLR	HY/2011/03	2014-06-09	Mid-Flood	Sunny	SR4	10:19:56	1.0	Surface	1	1	26.01	8.02	27.7	74	5.22	4.5	20.5
HKLR	HY/2011/03	2014-06-09	Mid-Flood	Sunny	SR4	10:18:52	1.0	Surface	1	2	25.83	8.02	27.94	71.6	5.06	4.6	20.5
HKLR	HY/2011/03	2014-06-09	Mid-Flood	Sunny	SR4	10:19:33	9.7	Bottom	3	1	25.73	8.06	29.08	69.8	4.83	4.7	21.2
HKLR	HY/2011/03	2014-06-09	Mid-Flood	Sunny	SR4	10:18:41	9.7	Bottom	3	2	25.79	8.05	28.88	69.7	4.82	4.8	19.7
HKLR	HY/2011/03	2014-06-09	Mid-Flood	Sunny	SR5	10:27:19	1.0	Surface	1	1	27.4	8.2	20.32	82.6	5.83	2.7	3
HKLR	HY/2011/03	2014-06-09	Mid-Flood	Sunny	SR5	10:26:45	1.0	Surface	1	2	27.34	8.19	20.38	82	5.79	2.7	2

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-06-09	Mid-Flood	Sunny	SR5	10:27:05	3.7	Bottom	3	1	26.57	8.12	24.74	77.6	5.42	2.6	3.3
HKLR	HY/2011/03	2014-06-09	Mid-Flood	Sunny	SR5	10:26:32	3.7	Bottom	3	2	26.74	8.13	24.55	80.8	5.64	2.6	3.6
HKLR	HY/2011/03	2014-06-09	Mid-Flood	Sunny	SR10A	11:41:40	1.0	Surface	1	1	27.76	8.18	20.13	85.7	6.02	2.5	3.9
HKLR	HY/2011/03	2014-06-09	Mid-Flood	Sunny	SR10A	11:40:57	1.0	Surface	1	2	27.75	8.18	20.15	86.1	6.05	2.8	3.8
HKLR	HY/2011/03	2014-06-09	Mid-Flood	Sunny	SR10A	11:40:49	3.9	Middle	2	1	27.6	8.17	20.24	81.8	5.76	2.6	3.8
HKLR	HY/2011/03	2014-06-09	Mid-Flood	Sunny	SR10A	11:41:28	3.9	Middle	2	2	27.72	8.17	20.14	79.2	5.57	2.6	3.9
HKLR	HY/2011/03	2014-06-09	Mid-Flood	Sunny	SR10A	11:41:12	6.8	Bottom	3	1	25.91	8.08	22.44	76.9	5.37	3.4	5
HKLR	HY/2011/03	2014-06-09	Mid-Flood	Sunny	SR10A	11:40:38	6.8	Bottom	3	2	26.96	8.13	22.47	81.3	5.71	3.3	4.7
HKLR	HY/2011/03	2014-06-09	Mid-Flood	Sunny	SR10B	16:50:29	1.0	Surface	1	1	27	8.16	23.27	78.1	5.46	3.5	12.1
HKLR	HY/2011/03	2014-06-09	Mid-Flood	Sunny	SR10B	16:51:25	1.0	Surface	1	2	26.99	8.17	23.32	77.8	5.44	3.6	11.6
HKLR	HY/2011/03	2014-06-09	Mid-Flood	Sunny	SR10B	16:50:52	5.4	Bottom	3	1	25.43	8.06	28.35	72.3	5.06	5.4	12.6
HKLR	HY/2011/03	2014-06-09	Mid-Flood	Sunny	SR10B	16:49:54	5.4	Bottom	3	2	25.42	8.06	28.42	71.9	5.03	5.6	13.3
HKLR	HY/2011/03	2014-06-09	Mid-Flood	Sunny	CS2	16:50:40	1.0	Surface	1	1	25.37	8.1	28.9	71	4.94	5.3	3.6
HKLR	HY/2011/03	2014-06-09	Mid-Flood	Sunny	CS2	16:49:41	1.0	Surface	1	2	25.3	8.1	29	72.5	5.06	5.7	3.8
HKLR	HY/2011/03	2014-06-09	Mid-Flood	Sunny	CS2	16:38:23	2.5	Middle	2	1	26.98	8.18	22.91	81.4	5.71	2.2	4.2
HKLR	HY/2011/03	2014-06-09	Mid-Flood	Sunny	CS2	16:38:05	2.5	Middle	2	2	26.82	8.17	21.65	80.4	5.69	2.2	4.4
HKLR	HY/2011/03	2014-06-09	Mid-Flood	Sunny	CS2	16:38:14	3.9	Bottom	3	1	26.93	8.18	24.53	84.2	5.86	2.1	5.5
HKLR	HY/2011/03	2014-06-09	Mid-Flood	Sunny	CS2	16:37:59	3.9	Bottom	3	2	26.78	8.16	24.66	82.1	5.72	2.1	6.1
HKLR	HY/2011/03	2014-06-09	Mid-Flood	Sunny	CS(Mf)5	15:11:38	1.0	Surface	1	1	27.83	8.24	18.64	88	6.23	3.6	2.5
HKLR	HY/2011/03	2014-06-09	Mid-Flood	Sunny	CS(Mf)5	15:12:36	1.0	Surface	1	2	28.08	8.24	17.15	86.9	6.18	3.7	2.7
HKLR	HY/2011/03	2014-06-09	Mid-Flood	Sunny	CS(Mf)5	15:12:12	4	Middle	2	1	26.22	8.07	26.5	71.9	5.11	4.2	3.5
HKLR	HY/2011/03	2014-06-09	Mid-Flood	Sunny	CS(Mf)5	15:11:08	4	Middle	2	2	26.34	8.1	25.99	71.6	5.08	4.3	3.3
HKLR	HY/2011/03	2014-06-09	Mid-Flood	Sunny	CS(Mf)5	15:11:55	6.9	Bottom	3	1	25.87	8.07	28.13	70.6	4.85	4.3	5
HKLR	HY/2011/03	2014-06-09	Mid-Flood	Sunny	CS(Mf)5	15:10:45	6.9	Bottom	3	2	26.2	8.12	28.21	70.7	4.87	4.3	5.4
HKLR	HY/2011/03	2014-06-11	Mid-Ebb	Fine	IS5	12:47:38	1.0	Surface	1	1	27.21	8.36	22.89	78.8	5.8	6	4.3
HKLR	HY/2011/03	2014-06-11	Mid-Ebb	Fine	IS5	12:46:55	1.0	Surface	1	2	27.43	8.37	22.49	71.6	5	6	4.4
HKLR	HY/2011/03	2014-06-11	Mid-Ebb	Fine	IS5	12:47:27	4.2	Middle	2	1	26.45	8.22	26.38	79.2	5.85	8.4	3.9
HKLR	HY/2011/03	2014-06-11	Mid-Ebb	Fine	IS5	12:46:42	4.2	Middle	2	2	26.48	8.22	25.77	79.1	5.83	8.5	3.6
HKLR	HY/2011/03	2014-06-11	Mid-Ebb	Fine	IS5	12:46:33	7.3	Bottom	3	1	26.38	8.21	27.05	74.2	5.44	8.6	2.7
HKLR	HY/2011/03	2014-06-11	Mid-Ebb	Fine	IS5	12:47:14	7.3	Bottom	3	2	26.41	8.21	27.04	70.2	4.99	8.6	3.9
HKLR	HY/2011/03	2014-06-11	Mid-Ebb	Fine	IS(Mf)6	12:36:57	1.0	Surface	1	1	27.82	8.59	22.01	120.3	8.36	4.6	5.2
HKLR	HY/2011/03	2014-06-11	Mid-Ebb	Fine	IS(Mf)6	12:37:41	1.0	Surface	1	2	27.95	8.67	21.76	110.4	7.66	4.6	5.3
HKLR	HY/2011/03	2014-06-11	Mid-Ebb	Fine	IS(Mf)6	12:36:52	2.2	Bottom	3	1	27.9	8.61	22.02	122.7	8.51	4.9	5.1
HKLR	HY/2011/03	2014-06-11	Mid-Ebb	Fine	IS(Mf)6	12:37:31	2.2	Bottom	3	2	27.64	8.47	22.41	111.7	8.52	5.9	5.1
HKLR	HY/2011/03	2014-06-11	Mid-Ebb	Fine	IS7	12:30:17	1.0	Surface	1	1	28.07	8.74	21.46	141.7	9.84	3.8	3.1
HKLR	HY/2011/03	2014-06-11	Mid-Ebb	Fine	IS7	12:30:39	1.0	Surface	1	2	28.09	8.73	21.46	144.2	10	3.9	3.3
HKLR	HY/2011/03	2014-06-11	Mid-Ebb	Fine	IS7	12:30:30	2.2	Bottom	3	1	28.1	8.71	21.49	147.6	9.24	3.8	4.9
HKLR	HY/2011/03	2014-06-11	Mid-Ebb	Fine	IS7	12:30:01	2.2	Bottom	3	2	27.92	8.59	21.7	137.7	9.57	3.9	4.4
HKLR	HY/2011/03	2014-06-11	Mid-Ebb	Fine	IS8	12:05:09	1.0	Surface	1	1	27.51	8.42	22.42	90.9	6.33	8	4.8
HKLR	HY/2011/03	2014-06-11	Mid-Ebb	Fine	IS8	12:04:44	1.0	Surface	1	2	27.46	8.39	22.61	94	6.55	9.6	4.9
HKLR	HY/2011/03	2014-06-11	Mid-Ebb	Fine	IS8	12:04:58	2.9	Bottom	3	1	27.4	8.33	23.4	90.8	6.3	8.1	6.9
HKLR	HY/2011/03	2014-06-11	Mid-Ebb	Fine	IS8	12:04:35	2.9	Bottom	3	2	27.45	8.36	23.23	98.9	6.87	9.1	6.8
HKLR	HY/2011/03	2014-06-11	Mid-Ebb	Fine	IS(Mf)9	12:22:37	1.0	Surface	1	1	27.66	8.47	22.18	107.5	7.48	4.9	4.6
HKLR	HY/2011/03	2014-06-11	Mid-Ebb	Fine	IS(Mf)9	12:22:58	1.0	Surface	1	2	27.65	8.46	22.12	103.4	7.2	5.6	4.6
HKLR	HY/2011/03	2014-06-11	Mid-Ebb	Fine	IS(Mf)9	12:22:47	2.4	Bottom	3	1	27.64	8.45	22.28	106.5	7.41	5.3	6.1
HKLR	HY/2011/03	2014-06-11	Mid-Ebb	Fine	IS(Mf)9	12:22:31	2.4	Bottom	3	2	27.63	8.46	22.31	109.9	7.64	5.3	6.8
HKLR	HY/2011/03	2014-06-11	Mid-Ebb	Fine	IS10	12:55:49	1.0	Surface	1	1	27.72	8.35	22.4	97.5	6.77	4.3	4.1
HKLR	HY/2011/03	2014-06-11	Mid-Ebb	Fine	IS10	12:55:54	1.0	Surface	1	2	27.69	8.37	22.42	97.1	6.75	4	3.9
HKLR	HY/2011/03	2014-06-11	Mid-Ebb	Fine	IS10	12:11:57	1.9	Middle	2	1	27.99	8.51	22	120.3	8.34	4.4	2.2
HKLR	HY/2011/03	2014-06-11	Mid-Ebb	Fine	IS10	12:12:20	1.9	Middle	2	2	27.93	8.5	22.15	119.5	8.28	4.6	2.5
HKLR	HY/2011/03	2014-06-11	Mid-Ebb	Fine	IS10	12:11:45	2.7	Bottom	3	1	27.93	8.5	22.16	120.2	8.33	4	3.5
HKLR	HY/2011/03	2014-06-11	Mid-Ebb	Fine	IS10	12:12:12	2.7	Bottom	3	2	27.93	8.5	22.17	119.7	8.29	4.1	2.2
HKLR	HY/2011/03	2014-06-11	Mid-Ebb	Fine	SR3	10:41:41	1.0	Middle	2	1	26.34	8.31	26.16	86.4	6.01	1.6	6.4
HKLR	HY/2011/03	2014-06-11	Mid-Ebb	Fine	SR3	10:41:10	1.0	Middle	2	2	26.77	8.38	24.27	87.7	5.82	1.5	5.7
HKLR	HY/2011/03	2014-06-11	Mid-Ebb	Fine	SR4	10:41:30	1.0	Surface	1	1	25.96	8.27	27.36	86.3	6	1.6	4.2
HKLR	HY/2011/03	2014-06-11	Mid-Ebb	Fine	SR4	10:41:03	1.0	Surface	1	2	26.73	8.37	24.33	84.6	5.61	1.4	4.4
HKLR	HY/2011/03	2014-06-11	Mid-Ebb	Fine	SR4	10:41:20	5.3	Bottom	3	1	26.39	8.32	27.48	86.4	5.65	1.4	4.2

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-06-11	Mid-Ebb	Fine	SR4	10:40:44	5.3	Bottom	3	2	26.39	8.31	26.41	90.6	6.29	1.4	4.1
HKLR	HY/2011/03	2014-06-11	Mid-Ebb	Fine	SR5	10:34:02	1.0	Surface	1	1	25.96	8.23	27.03	81.1	5.65	2.4	2.6
HKLR	HY/2011/03	2014-06-11	Mid-Ebb	Fine	SR5	10:34:27	1.0	Surface	1	2	25.94	8.23	27.14	81	5.64	2.4	2.6
HKLR	HY/2011/03	2014-06-11	Mid-Ebb	Fine	SR5	10:33:47	3.8	Bottom	3	1	25.91	8.22	27.28	80.4	5.6	2.6	2.7
HKLR	HY/2011/03	2014-06-11	Mid-Ebb	Fine	SR5	10:34:10	3.8	Bottom	3	2	25.92	8.22	27.31	81.1	5.65	2.2	2.7
HKLR	HY/2011/03	2014-06-11	Mid-Ebb	Fine	SR10A	11:25:27	1.0	Surface	1	1	27.56	8.31	17.84	96.2	5.87	2.6	2.2
HKLR	HY/2011/03	2014-06-11	Mid-Ebb	Fine	SR10A	11:23:38	1.0	Surface	1	2	27.23	8.27	19.23	79	5.21	2.6	2.7
HKLR	HY/2011/03	2014-06-11	Mid-Ebb	Fine	SR10A	11:24:40	6.8	Middle	2	1	25.68	8.18	27.63	81.3	5.28	4.6	3.6
HKLR	HY/2011/03	2014-06-11	Mid-Ebb	Fine	SR10A	11:23:18	6.8	Middle	2	2	25.84	8.18	26.76	72.5	5.37	4.6	2.1
HKLR	HY/2011/03	2014-06-11	Mid-Ebb	Fine	SR10A	11:24:03	12.5	Bottom	3	1	25.26	8.17	29.29	86.4	5.62	4.3	4
HKLR	HY/2011/03	2014-06-11	Mid-Ebb	Fine	SR10A	11:22:59	12.5	Bottom	3	2	25.22	8.16	29.41	69.6	4.86	5.3	3.6
HKLR	HY/2011/03	2014-06-11	Mid-Ebb	Fine	SR10B	17:30:06	1.0	Surface	1	1	27.95	8.68	22.44	134.7	9.32	5.5	5
HKLR	HY/2011/03	2014-06-11	Mid-Ebb	Fine	SR10B	17:30:44	1.0	Surface	1	2	27.94	8.67	22.42	128.1	8.86	6.2	4.5
HKLR	HY/2011/03	2014-06-11	Mid-Ebb	Fine	SR10B	17:30:33	4.7	Bottom	3	1	27.69	8.56	22.67	110.6	7.68	8.1	5.2
HKLR	HY/2011/03	2014-06-11	Mid-Ebb	Fine	SR10B	17:29:54	4.7	Bottom	3	2	27.8	8.61	22.75	122	8.44	7.6	6.4
HKLR	HY/2011/03	2014-06-11	Mid-Ebb	Fine	CS2	17:29:40	1.0	Surface	1	1	27.37	8.44	23.67	113.5	7.87	5.3	2.2
HKLR	HY/2011/03	2014-06-11	Mid-Ebb	Fine	CS2	17:30:24	1.0	Surface	1	2	27.27	8.39	24.37	113.1	7.83	5.5	3.4
HKLR	HY/2011/03	2014-06-11	Mid-Ebb	Fine	CS2	17:36:50	1.5	Middle	2	1	27.96	8.69	22.47	145.1	10.03	9.8	3.4
HKLR	HY/2011/03	2014-06-11	Mid-Ebb	Fine	CS2	17:36:23	1.5	Middle	2	2	27.91	8.65	22.49	141.5	9.79	10.5	3.6
HKLR	HY/2011/03	2014-06-11	Mid-Ebb	Fine	CS2	17:36:40	2.0	Bottom	3	1	27.94	8.68	22.47	144	9.96	9.6	3.1
HKLR	HY/2011/03	2014-06-11	Mid-Ebb	Fine	CS2	17:36:17	2.0	Bottom	3	2	27.92	8.65	22.49	143.2	9.91	10.1	2.7
HKLR	HY/2011/03	2014-06-11	Mid-Ebb	Fine	CS(Mf)5	17:44:43	1.0	Surface	1	1	27.86	8.61	22.83	134	9.26	8.2	3.5
HKLR	HY/2011/03	2014-06-11	Mid-Ebb	Fine	CS(Mf)5	17:44:59	1.0	Surface	1	2	27.84	8.62	22.82	134.6	9.3	7.8	3.3
HKLR	HY/2011/03	2014-06-11	Mid-Ebb	Fine	CS(Mf)5	17:44:53	1.0	Middle	2	1	27.85	8.61	22.81	134.6	9.31	7.7	3.9
HKLR	HY/2011/03	2014-06-11	Mid-Ebb	Fine	CS(Mf)5	17:44:25	1.0	Middle	2	2	27.86	8.58	22.84	127.5	8.81	7.2	3.7
HKLR	HY/2011/03	2014-06-11	Mid-Ebb	Fine	CS(Mf)5	18:09:14	1.0	Bottom	3	1	27.48	8.44	20.65	108.8	7.66	6.2	2
HKLR	HY/2011/03	2014-06-11	Mid-Ebb	Fine	CS(Mf)5	18:09:30	1.0	Bottom	3	2	27.45	8.43	20.84	106	7.46	6	3.2
HKLR	HY/2011/03	2014-06-11	Mid-Flood	Fine	IS5	18:09:02	1.0	Surface	1	1	27.45	8.42	21.76	107.6	7.53	6.9	6.6
HKLR	HY/2011/03	2014-06-11	Mid-Flood	Fine	IS5	18:09:22	1.0	Surface	1	2	27.44	8.41	22.26	106.9	7.46	6.9	7.2
HKLR	HY/2011/03	2014-06-11	Mid-Flood	Fine	IS5	17:50:54	1.9	Middle	2	1	27.69	8.59	21.76	130.2	9.08	10.6	7.2
HKLR	HY/2011/03	2014-06-11	Mid-Flood	Fine	IS5	17:51:13	1.9	Middle	2	2	27.68	8.6	21.65	133.3	9.3	12.3	7.5
HKLR	HY/2011/03	2014-06-11	Mid-Flood	Fine	IS5	17:51:02	2.8	Bottom	3	1	27.69	8.59	21.81	132.2	9.22	11.7	8.4
HKLR	HY/2011/03	2014-06-11	Mid-Flood	Fine	IS5	17:50:41	2.8	Bottom	3	2	27.7	8.57	22.1	126.5	8.8	11.5	7.6
HKLR	HY/2011/03	2014-06-11	Mid-Flood	Fine	IS(Mf)6	17:16:23	1.0	Surface	1	1	28.06	8.68	22.21	145.1	10.03	4.8	3.6
HKLR	HY/2011/03	2014-06-11	Mid-Flood	Fine	IS(Mf)6	17:16:45	1.0	Surface	1	2	28.06	8.69	22.2	146.4	10.12	4.9	5
HKLR	HY/2011/03	2014-06-11	Mid-Flood	Fine	IS(Mf)6	18:03:42	1.0	Bottom	3	1	27.54	8.48	21.23	120.3	8.43	3.1	6.2
HKLR	HY/2011/03	2014-06-11	Mid-Flood	Fine	IS(Mf)6	18:03:21	1.0	Bottom	3	2	27.53	8.48	21.16	120.1	8.43	3.3	6.6
HKLR	HY/2011/03	2014-06-11	Mid-Flood	Fine	IS7	18:03:33	1.0	Surface	1	1	27.55	8.49	21.19	120.2	8.43	3.2	5.9
HKLR	HY/2011/03	2014-06-11	Mid-Flood	Fine	IS7	18:03:16	1.0	Surface	1	2	27.54	8.48	21.14	120.2	8.43	3.5	7.4
HKLR	HY/2011/03	2014-06-11	Mid-Flood	Fine	IS7	19:22:22	1.0	Bottom	3	1	25.88	8.25	27.14	78.5	5.75	2.5	7.2
HKLR	HY/2011/03	2014-06-11	Mid-Flood	Fine	IS7	19:23:03	1.0	Bottom	3	2	25.91	8.26	27.01	76	5.95	2.3	6.6
HKLR	HY/2011/03	2014-06-11	Mid-Flood	Fine	IS8	19:22:17	1.0	Surface	1	1	25.83	8.24	27.38	79.9	5.8	2.6	2.9
HKLR	HY/2011/03	2014-06-11	Mid-Flood	Fine	IS8	19:22:58	1.0	Surface	1	2	25.89	8.25	27.2	75.5	5.92	2.8	2.9
HKLR	HY/2011/03	2014-06-11	Mid-Flood	Fine	IS8	19:22:03	5.6	Bottom	3	1	25.88	8.23	28	79.8	5.85	2.7	2.8
HKLR	HY/2011/03	2014-06-11	Mid-Flood	Fine	IS8	19:22:41	5.6	Bottom	3	2	25.88	8.24	27.38	71.1	4.95	2.7	4.5
HKLR	HY/2011/03	2014-06-11	Mid-Flood	Fine	IS(Mf)9	19:44:49	1.0	Surface	1	1	25.89	8.25	27.17	71.6	5.21	2.6	3.6
HKLR	HY/2011/03	2014-06-11	Mid-Flood	Fine	IS(Mf)9	19:44:29	1.0	Surface	1	2	25.96	8.25	26.87	72.1	5.03	2.2	4.4
HKLR	HY/2011/03	2014-06-11	Mid-Flood	Fine	IS(Mf)9	19:44:05	4.0	Bottom	3	1	25.9	8.25	27.17	71.9	5.02	2.5	3.6
HKLR	HY/2011/03	2014-06-11	Mid-Flood	Fine	IS(Mf)9	19:44:38	4.0	Bottom	3	2	25.9	8.25	27.17	71.8	5	2.3	4.8
HKLR	HY/2011/03	2014-06-11	Mid-Flood	Fine	IS10	18:48:23	1.0	Surface	1	1	26.77	8.29	22.76	72.3	5.09	4.6	3.3
HKLR	HY/2011/03	2014-06-11	Mid-Flood	Fine	IS10	18:49:04	1.0	Surface	1	2	26.17	8.23	24.36	74.3	5.54	5.3	2.5
HKLR	HY/2011/03	2014-06-11	Mid-Flood	Fine	IS10	18:48:04	6.9	Middle	2	1	25.37	8.19	28.83	71.5	5.21	5.7	3.3
HKLR	HY/2011/03	2014-06-11	Mid-Flood	Fine	IS10	18:48:54	6.9	Middle	2	2	25.53	8.19	28.24	71.8	5.31	4.7	4.5
HKLR	HY/2011/03	2014-06-11	Mid-Flood	Fine	IS10	18:48:40	12.8	Bottom	3	1	25.43	8.18	29.16	76.6	5.63	5.6	2
HKLR	HY/2011/03	2014-06-11	Mid-Flood	Fine	IS10	18:47:55	12.8	Bottom	3	2	25.42	8.19	29.18	72.9	5.37	5.4	4.3
HKLR	HY/2011/03	2014-06-11	Mid-Flood	Fine	SR3	11:39:57	1.0	Middle	2	1	27.51	8.15	18.02	80.8	5.77	4.4	6.6
HKLR	HY/2011/03	2014-06-11	Mid-Flood	Fine	SR3	11:38:54	1.0	Middle	2	2	27.48	8.15	18.28	80.1	5.71	4.8	6.5

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-06-11	Mid-Flood	Fine	SR4	11:39:36	1.0	Surface	1	1	26.64	8.04	24.38	75.8	5.34	6.5	5.5
HKLR	HY/2011/03	2014-06-11	Mid-Flood	Fine	SR4	11:38:34	1.0	Surface	1	2	26.58	8.03	24.67	75.3	5.3	6.3	5.9
HKLR	HY/2011/03	2014-06-11	Mid-Flood	Fine	SR4	11:39:16	9.1	Bottom	3	1	26.47	8.04	25.07	71	5.03	8.8	5.3
HKLR	HY/2011/03	2014-06-11	Mid-Flood	Fine	SR4	11:38:21	9.1	Bottom	3	2	26.52	8.02	24.95	71.1	5.03	9.1	6.2
HKLR	HY/2011/03	2014-06-11	Mid-Flood	Fine	SR5	11:47:40	1.0	Surface	1	1	27.47	8.15	18.55	84.1	5.99	3.4	2.9
HKLR	HY/2011/03	2014-06-11	Mid-Flood	Fine	SR5	11:48:02	1.0	Surface	1	2	27.32	8.13	18.9	81.4	5.72	3.3	3.4
HKLR	HY/2011/03	2014-06-11	Mid-Flood	Fine	SR5	11:47:24	3.9	Bottom	3	1	27.06	8.09	20.7	79.1	5.61	6.5	3.1
HKLR	HY/2011/03	2014-06-11	Mid-Flood	Fine	SR5	11:47:52	3.9	Bottom	3	2	27.04	8.09	22.45	79.4	5.66	6.7	4
HKLR	HY/2011/03	2014-06-11	Mid-Flood	Fine	SR10A	13:04:40	1.0	Surface	1	1	27.59	8.16	17.2	89.4	6.4	2	3.2
HKLR	HY/2011/03	2014-06-11	Mid-Flood	Fine	SR10A	13:03:36	1.0	Surface	1	2	27.56	8.15	17.26	84.4	6.05	2.1	3
HKLR	HY/2011/03	2014-06-11	Mid-Flood	Fine	SR10A	13:04:19	3.6	Middle	2	1	27.35	8.12	18.94	79.7	5.68	3.4	5
HKLR	HY/2011/03	2014-06-11	Mid-Flood	Fine	SR10A	13:03:24	3.6	Middle	2	2	27.32	8.11	19.24	78	5.55	3.3	4
HKLR	HY/2011/03	2014-06-11	Mid-Flood	Fine	SR10A	13:03:06	6.1	Bottom	3	1	26.78	8.06	23.26	70.8	4.97	7.2	3.9
HKLR	HY/2011/03	2014-06-11	Mid-Flood	Fine	SR10A	13:04:00	6.1	Bottom	3	2	26.86	8.07	22.82	73.9	5.19	7	3.2
HKLR	HY/2011/03	2014-06-11	Mid-Flood	Fine	SR10B	18:11:47	1.0	Surface	1	1	27.19	8.16	20.38	85.7	5.99	5.1	3.8
HKLR	HY/2011/03	2014-06-11	Mid-Flood	Fine	SR10B	18:11:06	1.0	Surface	1	2	27.2	8.17	20.61	84.6	5.99	5.1	4.7
HKLR	HY/2011/03	2014-06-11	Mid-Flood	Fine	SR10B	18:10:52	4.9	Bottom	3	1	26.72	8.1	23.3	80.6	5.64	6.3	4.7
HKLR	HY/2011/03	2014-06-11	Mid-Flood	Fine	SR10B	18:11:30	4.9	Bottom	3	2	26.79	8.11	23.23	84.7	6	5.7	6.4
HKLR	HY/2011/03	2014-06-11	Mid-Flood	Fine	CS2	18:11:17	1.0	Surface	1	1	26.82	8.14	23.84	79.3	5.57	8.3	2.3
HKLR	HY/2011/03	2014-06-11	Mid-Flood	Fine	CS2	18:10:40	1.0	Surface	1	2	26.46	8.1	24.73	76	5.34	7.9	3.2
HKLR	HY/2011/03	2014-06-11	Mid-Flood	Fine	CS2	18:04:00	2.3	Middle	2	1	27.2	8.24	21	98.1	6.92	4.5	2.6
HKLR	HY/2011/03	2014-06-11	Mid-Flood	Fine	CS2	18:03:40	2.3	Middle	2	2	27.28	8.26	20.96	101.8	7.18	4.8	3
HKLR	HY/2011/03	2014-06-11	Mid-Flood	Fine	CS2	18:03:32	3.5	Bottom	3	1	27.35	8.24	21.3	98.4	6.92	5.3	3.8
HKLR	HY/2011/03	2014-06-11	Mid-Flood	Fine	CS2	18:03:50	3.5	Bottom	3	2	27.2	8.23	22.27	99.6	6.99	5.8	2.8
HKLR	HY/2011/03	2014-06-11	Mid-Flood	Fine	CS(Mf)5	16:53:12	1.0	Surface	1	1	27.34	8.09	18.26	84	6.01	2.6	2.7
HKLR	HY/2011/03	2014-06-11	Mid-Flood	Fine	CS(Mf)5	16:54:15	1.0	Surface	1	2	27.56	8.13	16.92	82.4	5.92	2.8	3.9
HKLR	HY/2011/03	2014-06-11	Mid-Flood	Fine	CS(Mf)5	16:52:50	3.7	Middle	2	1	26.67	8	22.79	79.6	5.57	6.2	3.6
HKLR	HY/2011/03	2014-06-11	Mid-Flood	Fine	CS(Mf)5	16:54:02	3.7	Middle	2	2	26.86	8.03	22.69	75	5.27	6.5	3.6
HKLR	HY/2011/03	2014-06-11	Mid-Flood	Fine	CS(Mf)5	16:52:41	6.3	Bottom	3	1	26.52	7.97	24.64	73.6	5.19	7.9	3.3
HKLR	HY/2011/03	2014-06-11	Mid-Flood	Fine	CS(Mf)5	16:53:30	6.3	Bottom	3	2	26.5	8	24.58	72.4	5.07	8	3.1
HKLR	HY/2011/03	2014-06-13	Mid-Ebb	Sunny	IS5	14:07:14	1.0	Surface	1	1	27.68	7.9	23.49	93	6.42	7.1	5
HKLR	HY/2011/03	2014-06-13	Mid-Ebb	Sunny	IS5	14:08:16	1.0	Surface	1	2	27.98	7.94	23.19	91.4	6.29	7.1	5.1
HKLR	HY/2011/03	2014-06-13	Mid-Ebb	Sunny	IS5	14:06:59	4.4	Middle	2	1	27.22	7.77	26.77	76.1	5.2	11.2	4.6
HKLR	HY/2011/03	2014-06-13	Mid-Ebb	Sunny	IS5	14:08:03	4.4	Middle	2	2	27.13	7.76	26.95	73.8	5.04	11.6	5.5
HKLR	HY/2011/03	2014-06-13	Mid-Ebb	Sunny	IS5	14:06:43	7.7	Bottom	3	1	26.93	7.73	27.2	74.4	5.1	13.3	6.1
HKLR	HY/2011/03	2014-06-13	Mid-Ebb	Sunny	IS5	14:07:37	7.7	Bottom	3	2	26.92	7.73	27.23	74.2	5.08	12.3	6.8
HKLR	HY/2011/03	2014-06-13	Mid-Ebb	Sunny	IS(Mf)6	13:52:37	1.0	Surface	1	1	28.07	7.96	21.84	106.9	7.4	6	4.5
HKLR	HY/2011/03	2014-06-13	Mid-Ebb	Sunny	IS(Mf)6	13:53:01	1.0	Surface	1	2	28.11	7.96	21.79	114.2	7.9	5.7	4.6
HKLR	HY/2011/03	2014-06-13	Mid-Ebb	Sunny	IS(Mf)6	13:52:51	2.2	Bottom	3	1	27.72	7.85	23.07	109.3	7.56	7.6	4.1
HKLR	HY/2011/03	2014-06-13	Mid-Ebb	Sunny	IS(Mf)6	13:52:26	2.2	Bottom	3	2	27.51	7.8	23.49	96.8	6.7	7.9	4.3
HKLR	HY/2011/03	2014-06-13	Mid-Ebb	Sunny	IS7	13:46:23	1.0	Surface	1	1	27.8	7.99	21.19	120.2	8.39	8	4
HKLR	HY/2011/03	2014-06-13	Mid-Ebb	Sunny	IS7	13:46:05	1.0	Surface	1	2	27.72	7.99	21.21	115.1	8.04	7.6	3.8
HKLR	HY/2011/03	2014-06-13	Mid-Ebb	Sunny	IS7	13:46:14	2.3	Bottom	3	1	27.56	7.85	23.05	118.3	8.21	8.3	3.7
HKLR	HY/2011/03	2014-06-13	Mid-Ebb	Sunny	IS7	13:45:57	2.3	Bottom	3	2	27.5	7.83	23.24	113.5	7.87	8.5	3.9
HKLR	HY/2011/03	2014-06-13	Mid-Ebb	Sunny	IS8	13:20:18	1.0	Surface	1	1	27.91	7.97	21.5	108.3	7.53	6.8	3.7
HKLR	HY/2011/03	2014-06-13	Mid-Ebb	Sunny	IS8	13:20:39	1.0	Surface	1	2	28.07	8.01	21.4	112.6	7.81	6.6	3.5
HKLR	HY/2011/03	2014-06-13	Mid-Ebb	Sunny	IS8	13:20:30	2.8	Bottom	3	1	27.48	7.83	23.43	106.1	7.35	8.8	4.1
HKLR	HY/2011/03	2014-06-13	Mid-Ebb	Sunny	IS8	13:20:11	2.8	Bottom	3	2	27.46	7.84	23.47	106.5	7.38	9.4	4.2
HKLR	HY/2011/03	2014-06-13	Mid-Ebb	Sunny	IS(Mf)9	13:39:24	1.0	Surface	1	1	27.89	8.08	21.46	128.9	8.97	5.7	3.9
HKLR	HY/2011/03	2014-06-13	Mid-Ebb	Sunny	IS(Mf)9	13:39:45	1.0	Surface	1	2	27.85	8.04	21.47	127.7	8.9	5.6	4.1
HKLR	HY/2011/03	2014-06-13	Mid-Ebb	Sunny	IS(Mf)9	13:39:36	2.6	Bottom	3	1	27.56	7.94	22.77	126	8.75	7	4
HKLR	HY/2011/03	2014-06-13	Mid-Ebb	Sunny	IS(Mf)9	13:39:15	2.6	Bottom	3	2	27.6	7.96	22.63	124.8	8.67	7.2	5.1
HKLR	HY/2011/03	2014-06-13	Mid-Ebb	Sunny	IS10	13:11:33	1.0	Surface	1	1	27.91	8.07	19.19	78.8	5.55	2.1	3.7
HKLR	HY/2011/03	2014-06-13	Mid-Ebb	Sunny	IS10	13:12:09	1.0	Surface	1	2	27.92	8.06	19.19	78.8	5.55	2.2	2.2
HKLR	HY/2011/03	2014-06-13	Mid-Ebb	Sunny	IS10	13:11:59	5.5	Middle	2	1	27.7	8.07	19.69	77.3	5.45	3.4	2
HKLR	HY/2011/03	2014-06-13	Mid-Ebb	Sunny	IS10	13:11:20	5.5	Middle	2	2	27.53	8.08	19.97	76.5	5.4	3.4	2.7
HKLR	HY/2011/03	2014-06-13	Mid-Ebb	Sunny	IS10	13:11:10	9.9	Bottom	3	1	27.35	8.05	21.8	77.5	5.43	3.5	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
HKLR	HY/2011/03	2014-06-13	Mid-Ebb	Sunny	IS10	13:11:45	9.9	Bottom	3	2	27.62	8.04	21.67	78.7	5.5	3.4	2.6
HKLR	HY/2011/03	2014-06-13	Mid-Ebb	Sunny	SR3	14:21:07	0.9	Middle	2	1	28.03	7.99	23.17	117.8	8.1	4.4	5.1
HKLR	HY/2011/03	2014-06-13	Mid-Ebb	Sunny	SR3	14:21:00	0.9	Middle	2	2	28.03	7.99	23.16	117.5	8.08	4.1	5.2
HKLR	HY/2011/03	2014-06-13	Mid-Ebb	Sunny	SR4	13:29:14	1.0	Surface	1	1	28.15	8.01	21.38	117.3	8.13	5	4.4
HKLR	HY/2011/03	2014-06-13	Mid-Ebb	Sunny	SR4	13:29:35	1.0	Surface	1	2	28.11	7.99	21.42	119.3	8.28	4.5	3.5
HKLR	HY/2011/03	2014-06-13	Mid-Ebb	Sunny	SR4	13:29:28	2.7	Bottom	3	1	27.75	7.87	22.69	117	8.11	6.2	3.7
HKLR	HY/2011/03	2014-06-13	Mid-Ebb	Sunny	SR4	13:29:03	2.7	Bottom	3	2	27.47	7.82	23.4	109.9	7.62	6.7	5.1
HKLR	HY/2011/03	2014-06-13	Mid-Ebb	Sunny	SR5	13:19:35	1.0	Surface	1	1	27.96	8.05	19.12	80.5	5.67	1.4	2.9
HKLR	HY/2011/03	2014-06-13	Mid-Ebb	Sunny	SR5	13:20:01	1.0	Surface	1	2	27.98	8.05	19.11	81	5.7	1.4	3
HKLR	HY/2011/03	2014-06-13	Mid-Ebb	Sunny	SR5	13:19:42	3.7	Bottom	3	1	27.9	8.05	19.3	80.5	5.67	1.4	2
HKLR	HY/2011/03	2014-06-13	Mid-Ebb	Sunny	SR5	13:19:24	3.7	Bottom	3	2	27.9	8.05	19.27	80.4	5.66	1.4	2
HKLR	HY/2011/03	2014-06-13	Mid-Ebb	Sunny	SR10A	11:50:21	1.0	Surface	1	1	27.42	8.06	22.88	86	5.98	1.8	2.4
HKLR	HY/2011/03	2014-06-13	Mid-Ebb	Sunny	SR10A	11:49:42	1.0	Surface	1	2	27.38	8.07	22.94	86.6	6.03	1.7	2.5
HKLR	HY/2011/03	2014-06-13	Mid-Ebb	Sunny	SR10A	11:49:30	3.2	Middle	2	1	26.72	8.03	24.97	79.8	5.56	2.2	2.9
HKLR	HY/2011/03	2014-06-13	Mid-Ebb	Sunny	SR10A	11:50:07	3.2	Middle	2	2	26.37	7.99	26.05	75.5	5.26	2.4	2.6
HKLR	HY/2011/03	2014-06-13	Mid-Ebb	Sunny	SR10A	11:49:17	5.3	Bottom	3	1	26.45	8.02	25.82	79.4	5.53	2.6	2.8
HKLR	HY/2011/03	2014-06-13	Mid-Ebb	Sunny	SR10A	11:49:58	5.3	Bottom	3	2	26.24	7.98	26.64	77.7	5.4	2.7	2.7
HKLR	HY/2011/03	2014-06-13	Mid-Ebb	Sunny	SR10B	11:35:27	1.0	Surface	1	1	26.55	8	25.39	78.4	5.46	2.9	4.4
HKLR	HY/2011/03	2014-06-13	Mid-Ebb	Sunny	SR10B	11:35:46	1.0	Surface	1	2	26.57	7.99	25.25	78	5.44	2.9	3.5
HKLR	HY/2011/03	2014-06-13	Mid-Ebb	Sunny	SR10B	11:35:41	4.0	Bottom	3	1	26.5	7.98	25.69	78	5.42	3	3.7
HKLR	HY/2011/03	2014-06-13	Mid-Ebb	Sunny	SR10B	11:35:18	4.0	Bottom	3	2	26.55	8	25.52	78.7	5.47	2.9	4.6
HKLR	HY/2011/03	2014-06-13	Mid-Ebb	Sunny	CS2	14:33:42	1.0	Surface	1	1	27.43	8.06	20.35	75.4	5.32	4.6	4.2
HKLR	HY/2011/03	2014-06-13	Mid-Ebb	Sunny	CS2	14:33:10	1.0	Surface	1	2	27.39	8.06	20.36	74.6	5.27	4.8	3.6
HKLR	HY/2011/03	2014-06-13	Mid-Ebb	Sunny	CS2	14:33:02	4.0	Middle	2	1	27.26	8.06	21.15	73.5	5.18	4.7	5.1
HKLR	HY/2011/03	2014-06-13	Mid-Ebb	Sunny	CS2	14:33:34	4.0	Middle	2	2	27.36	8.06	20.57	74.2	5.23	4.6	4
HKLR	HY/2011/03	2014-06-13	Mid-Ebb	Sunny	CS2	14:33:22	7.0	Bottom	3	1	27.26	8.05	21.73	74.7	5.25	4.7	5
HKLR	HY/2011/03	2014-06-13	Mid-Ebb	Sunny	CS2	14:32:51	7.0	Bottom	3	2	27.21	8.05	21.86	74.8	5.25	4.8	5.6
HKLR	HY/2011/03	2014-06-13	Mid-Ebb	Sunny	CS(Mf)5	12:34:40	1.0	Surface	1	1	27.77	7.81	21.18	82.1	5.74	3.5	2.8
HKLR	HY/2011/03	2014-06-13	Mid-Ebb	Sunny	CS(Mf)5	12:35:36	1.0	Surface	1	2	27.67	7.78	21.34	81.3	5.68	3.3	2.7
HKLR	HY/2011/03	2014-06-13	Mid-Ebb	Sunny	CS(Mf)5	12:34:17	6.8	Middle	2	1	26.63	7.77	24.64	71.6	5.01	5.8	3.6
HKLR	HY/2011/03	2014-06-13	Mid-Ebb	Sunny	CS(Mf)5	12:35:14	6.8	Middle	2	2	26.62	7.74	24.68	72.8	5.08	6	4.4
HKLR	HY/2011/03	2014-06-13	Mid-Ebb	Sunny	CS(Mf)5	12:35:02	12.6	Bottom	3	1	26.6	7.75	24.82	71	4.96	6.3	3.6
HKLR	HY/2011/03	2014-06-13	Mid-Ebb	Sunny	CS(Mf)5	12:34:06	12.6	Bottom	3	2	26.6	7.77	24.79	70.6	4.93	5.9	3.4
HKLR	HY/2011/03	2014-06-13	Mid-Flood	Sunny	IS5	18:48:43	1.0	Surface	1	1	27.94	8.46	21.98	113	7.83	9.5	5.7
HKLR	HY/2011/03	2014-06-13	Mid-Flood	Sunny	IS5	18:49:37	1.0	Surface	1	2	27.94	8.44	22.06	114.7	7.95	9.2	5.8
HKLR	HY/2011/03	2014-06-13	Mid-Flood	Sunny	IS5	18:49:23	4.4	Middle	2	1	27.9	8.38	22.43	108.8	7.53	8.9	6.5
HKLR	HY/2011/03	2014-06-13	Mid-Flood	Sunny	IS5	18:48:30	4.4	Middle	2	2	27.87	8.37	22.54	102.2	7.07	9.2	6.4
HKLR	HY/2011/03	2014-06-13	Mid-Flood	Sunny	IS5	18:49:12	7.8	Bottom	3	1	27.88	8.37	22.52	108.3	7.5	9.7	5.9
HKLR	HY/2011/03	2014-06-13	Mid-Flood	Sunny	IS5	18:48:21	7.8	Bottom	3	2	27.77	8.3	22.94	100.7	6.97	8.9	6.9
HKLR	HY/2011/03	2014-06-13	Mid-Flood	Sunny	IS(Mf)6	18:57:54	1.0	Surface	1	1	28	8.33	21.44	100.6	6.98	5.5	6.6
HKLR	HY/2011/03	2014-06-13	Mid-Flood	Sunny	IS(Mf)6	18:58:25	1.0	Surface	1	2	27.87	8.4	21.39	99.4	6.93	5.4	6.1
HKLR	HY/2011/03	2014-06-13	Mid-Flood	Sunny	IS(Mf)6	18:57:39	2.1	Bottom	3	1	27.61	8.15	22.75	94.7	6.58	7.8	6.3
HKLR	HY/2011/03	2014-06-13	Mid-Flood	Sunny	IS(Mf)6	18:58:19	2.1	Bottom	3	2	27.69	8.19	22.49	96.1	6.67	7.5	7.6
HKLR	HY/2011/03	2014-06-13	Mid-Flood	Sunny	IS7	19:06:31	1.0	Surface	1	1	27.85	8.33	22.15	118.3	8.21	6.8	5.8
HKLR	HY/2011/03	2014-06-13	Mid-Flood	Sunny	IS7	19:06:49	1.0	Surface	1	2	27.86	8.33	22.14	118.7	8.23	7	6.2
HKLR	HY/2011/03	2014-06-13	Mid-Flood	Sunny	IS7	19:06:19	2.0	Bottom	3	1	27.85	8.34	22.16	117.8	8.18	8.6	6.4
HKLR	HY/2011/03	2014-06-13	Mid-Flood	Sunny	IS7	19:06:37	2.0	Bottom	3	2	27.85	8.3	22.15	118.4	8.22	8.8	6.8
HKLR	HY/2011/03	2014-06-13	Mid-Flood	Sunny	IS8	19:35:10	1.0	Surface	1	1	27.49	8.11	21.62	94.3	6.6	10.8	5.7
HKLR	HY/2011/03	2014-06-13	Mid-Flood	Sunny	IS8	19:34:50	1.0	Surface	1	2	27.49	8.11	21.61	94.3	6.6	10.5	5
HKLR	HY/2011/03	2014-06-13	Mid-Flood	Sunny	IS8	19:34:58	2.7	Bottom	3	1	27.48	8.11	22.83	94.3	6.56	12.7	7.4
HKLR	HY/2011/03	2014-06-13	Mid-Flood	Sunny	IS8	19:34:38	2.7	Bottom	3	2	27.49	8.1	22.83	95.2	6.62	12.1	7.2
HKLR	HY/2011/03	2014-06-13	Mid-Flood	Sunny	IS(Mf)9	19:13:56	1.0	Surface	1	1	27.7	8.35	22.44	103	7.15	10.3	8.3
HKLR	HY/2011/03	2014-06-13	Mid-Flood	Sunny	IS(Mf)9	19:13:39	1.0	Surface	1	2	27.73	8.37	22.4	105.6	7.33	11.1	8.5
HKLR	HY/2011/03	2014-06-13	Mid-Flood	Sunny	IS(Mf)9	19:13:46	2.6	Bottom	3	1	27.62	8.31	22.77	104.1	7.22	11.5	8.6
HKLR	HY/2011/03	2014-06-13	Mid-Flood	Sunny	IS(Mf)9	19:13:22	2.6	Bottom	3	2	27.66	8.32	22.67	103.5	7.18	11.2	7.8
HKLR	HY/2011/03	2014-06-13	Mid-Flood	Sunny	IS10	20:04:28	1.0	Surface	1	1	27.77	8.18	18.72	90.2	6.39	3.1	2.8
HKLR	HY/2011/03	2014-06-13	Mid-Flood	Sunny	IS10	20:05:04	1.0	Surface	1	2	27.79	8.18	18.67	89.4	6.33	3.2	2.6

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-06-13	Mid-Flood	Sunny	IS10	20:04:51	5.4	Middle	2	1	27.54	8.2	21.22	90.4	6.34	3.4	2.8
HKLR	HY/2011/03	2014-06-13	Mid-Flood	Sunny	IS10	20:04:15	5.4	Middle	2	2	27.6	8.2	21.17	90.7	6.35	3.3	3.1
HKLR	HY/2011/03	2014-06-13	Mid-Flood	Sunny	IS10	20:04:05	9.7	Bottom	3	1	27.62	8.14	22.14	86.3	6.01	3.4	3
HKLR	HY/2011/03	2014-06-13	Mid-Flood	Sunny	IS10	20:04:42	9.7	Bottom	3	2	27.54	8.16	22.19	87.9	6.13	3.5	2.7
HKLR	HY/2011/03	2014-06-13	Mid-Flood	Sunny	SR3	18:33:38	0.9	Middle	2	1	27.95	8.46	21.95	116.8	8.1	10.3	6.5
HKLR	HY/2011/03	2014-06-13	Mid-Flood	Sunny	SR3	18:33:45	0.9	Middle	2	2	27.96	8.46	22.01	119.3	8.26	9.5	7
HKLR	HY/2011/03	2014-06-13	Mid-Flood	Sunny	SR4	19:26:09	1.0	Surface	1	1	27.53	8.13	21.71	98.3	6.88	9.8	6.4
HKLR	HY/2011/03	2014-06-13	Mid-Flood	Sunny	SR4	19:25:41	1.0	Surface	1	2	27.51	8.12	21.68	98.1	6.86	10.1	6.2
HKLR	HY/2011/03	2014-06-13	Mid-Flood	Sunny	SR4	19:25:28	2.6	Bottom	3	1	27.48	8.13	22.8	99.4	6.91	12.5	7.4
HKLR	HY/2011/03	2014-06-13	Mid-Flood	Sunny	SR4	19:25:52	2.6	Bottom	3	2	27.48	8.12	22.9	98.8	6.86	11.6	7.9
HKLR	HY/2011/03	2014-06-13	Mid-Flood	Sunny	SR5	19:54:29	1.0	Surface	1	1	27.9	8.07	17.87	80	5.68	3.2	3.9
HKLR	HY/2011/03	2014-06-13	Mid-Flood	Sunny	SR5	19:54:49	1.0	Surface	1	2	27.82	8.07	17.63	79.7	5.67	3.4	2.5
HKLR	HY/2011/03	2014-06-13	Mid-Flood	Sunny	SR5	19:54:40	3.9	Bottom	3	1	27.77	8.04	19.94	79.6	5.6	3.3	2.7
HKLR	HY/2011/03	2014-06-13	Mid-Flood	Sunny	SR5	19:54:14	3.9	Bottom	3	2	27.82	8.07	19.53	80.5	5.67	3.3	3.1
HKLR	HY/2011/03	2014-06-13	Mid-Flood	Sunny	SR10A	20:52:05	1.0	Surface	1	1	26.68	8.12	24.53	79	5.52	4.4	3.7
HKLR	HY/2011/03	2014-06-13	Mid-Flood	Sunny	SR10A	20:51:23	1.0	Surface	1	2	26.64	8.12	24.75	79.1	5.52	4	3.5
HKLR	HY/2011/03	2014-06-13	Mid-Flood	Sunny	SR10A	20:51:48	3.4	Middle	2	1	26.21	8.12	26.88	76.2	5.3	7	3.8
HKLR	HY/2011/03	2014-06-13	Mid-Flood	Sunny	SR10A	20:50:47	3.4	Middle	2	2	26.21	8.12	26.93	76.7	5.32	7	4.1
HKLR	HY/2011/03	2014-06-13	Mid-Flood	Sunny	SR10A	20:51:36	5.7	Bottom	3	1	26.21	8.12	27.05	77.2	5.36	6.1	3.5
HKLR	HY/2011/03	2014-06-13	Mid-Flood	Sunny	SR10A	20:50:36	5.7	Bottom	3	2	26.17	8.11	27.2	77.3	5.36	6.5	2.2
HKLR	HY/2011/03	2014-06-13	Mid-Flood	Sunny	SR10B	21:04:02	1.0	Surface	1	1	26.56	8.13	25.22	78	5.43	4.6	3.2
HKLR	HY/2011/03	2014-06-13	Mid-Flood	Sunny	SR10B	21:04:24	1.0	Surface	1	2	26.16	8.13	27.36	77.1	5.35	5	5
HKLR	HY/2011/03	2014-06-13	Mid-Flood	Sunny	SR10B	21:04:11	4.2	Bottom	3	1	26.27	8.13	26.05	77.4	5.41	5.6	4.4
HKLR	HY/2011/03	2014-06-13	Mid-Flood	Sunny	SR10B	21:03:47	4.2	Bottom	3	2	26.38	8.12	26.66	77.7	5.39	5.1	5
HKLR	HY/2011/03	2014-06-13	Mid-Flood	Sunny	CS2	18:37:06	1.0	Surface	1	1	27.78	8.11	17.61	74	5.28	6.4	3.6
HKLR	HY/2011/03	2014-06-13	Mid-Flood	Sunny	CS2	18:36:22	1.0	Surface	1	2	27.77	8.13	17.83	76.2	5.35	6.1	3.3
HKLR	HY/2011/03	2014-06-13	Mid-Flood	Sunny	CS2	18:36:51	4.0	Middle	2	1	27.46	8.09	20.82	71.5	5.03	6.2	3
HKLR	HY/2011/03	2014-06-13	Mid-Flood	Sunny	CS2	18:36:02	4.0	Middle	2	2	27.16	8.15	21.63	76.1	5.35	6.2	4.4
HKLR	HY/2011/03	2014-06-13	Mid-Flood	Sunny	CS2	18:36:37	7.0	Bottom	3	1	27.18	8.07	21.9	71.9	5.05	6.7	3.2
HKLR	HY/2011/03	2014-06-13	Mid-Flood	Sunny	CS2	18:35:48	7.0	Bottom	3	2	27.08	8.19	22.12	71.8	5.05	6.5	3.2
HKLR	HY/2011/03	2014-06-13	Mid-Flood	Sunny	CS(Mf)5	20:15:21	1.0	Surface	1	1	27.1	8.05	22.96	79.6	5.57	4.5	5
HKLR	HY/2011/03	2014-06-13	Mid-Flood	Sunny	CS(Mf)5	20:14:22	1.0	Surface	1	2	27.11	8.06	22.9	81.2	5.68	4.7	4.1
HKLR	HY/2011/03	2014-06-13	Mid-Flood	Sunny	CS(Mf)5	20:13:57	6.9	Middle	2	1	26.39	8.02	25.91	72.9	5.1	6.9	5
HKLR	HY/2011/03	2014-06-13	Mid-Flood	Sunny	CS(Mf)5	20:15:01	6.9	Middle	2	2	26.38	8.01	26	71.8	5	6.7	4.5
HKLR	HY/2011/03	2014-06-13	Mid-Flood	Sunny	CS(Mf)5	20:13:46	12.8	Bottom	3	1	26.34	8.01	26.19	71.3	4.96	7.3	4.9
HKLR	HY/2011/03	2014-06-13	Mid-Flood	Sunny	CS(Mf)5	20:14:47	12.8	Bottom	3	2	26.34	7.97	26.18	75.1	5.22	7	4.2
HKLR	HY/2011/03	2014-06-16	Mid-Ebb	Sunny	IS5	13:52:39	1.0	Surface	1	1	28.23	8.14	21.72	79.1	5.47	7.1	5.4
HKLR	HY/2011/03	2014-06-16	Mid-Ebb	Sunny	IS5	13:52:03	1.0	Surface	1	2	28.22	8.14	21.73	79.2	5.47	7	5.3
HKLR	HY/2011/03	2014-06-16	Mid-Ebb	Sunny	IS5	13:51:49	4.3	Middle	2	1	28.09	8.13	22.05	77.9	5.38	7.5	6.5
HKLR	HY/2011/03	2014-06-16	Mid-Ebb	Sunny	IS5	13:52:24	4.3	Middle	2	2	28.08	8.13	22.06	77	5.33	8	6.5
HKLR	HY/2011/03	2014-06-16	Mid-Ebb	Sunny	IS5	13:51:42	7.5	Bottom	3	1	28.13	8.13	22.03	79.1	5.47	7.1	7.1
HKLR	HY/2011/03	2014-06-16	Mid-Ebb	Sunny	IS5	13:52:14	7.5	Bottom	3	2	28.09	8.13	22.1	78.6	5.43	7.8	8
HKLR	HY/2011/03	2014-06-16	Mid-Ebb	Sunny	IS(Mf)6	14:03:04	1.0	Surface	1	1	28.21	8.14	20.46	85.2	5.93	2.9	2.3
HKLR	HY/2011/03	2014-06-16	Mid-Ebb	Sunny	IS(Mf)6	14:03:17	1.0	Surface	1	2	28.23	8.14	20.44	85	5.91	2.9	2.2
HKLR	HY/2011/03	2014-06-16	Mid-Ebb	Sunny	IS(Mf)6	14:03:08	2.2	Bottom	3	1	28.15	8.14	20.63	85.2	5.93	2.9	4.8
HKLR	HY/2011/03	2014-06-16	Mid-Ebb	Sunny	IS(Mf)6	14:02:53	2.2	Bottom	3	2	28.08	8.13	20.8	85.6	5.96	3.1	3.4
HKLR	HY/2011/03	2014-06-16	Mid-Ebb	Sunny	IS7	14:10:53	1.0	Surface	1	1	28.37	8.18	20.36	87.7	6.09	4.2	4.2
HKLR	HY/2011/03	2014-06-16	Mid-Ebb	Sunny	IS7	14:10:36	1.0	Surface	1	2	28.29	8.18	20.53	87.7	6.1	4	3.9
HKLR	HY/2011/03	2014-06-16	Mid-Ebb	Sunny	IS7	14:10:44	2.3	Bottom	3	1	28.22	8.18	20.88	87.5	6.08	4.3	4.9
HKLR	HY/2011/03	2014-06-16	Mid-Ebb	Sunny	IS7	14:10:30	2.3	Bottom	3	2	28.28	8.18	20.79	87.4	6.06	4.2	4.6
HKLR	HY/2011/03	2014-06-16	Mid-Ebb	Sunny	IS8	14:44:05	1.0	Surface	1	1	28.17	8.15	21.29	83.3	5.78	5	4.4
HKLR	HY/2011/03	2014-06-16	Mid-Ebb	Sunny	IS8	14:43:48	1.0	Surface	1	2	28.16	8.15	20.91	84.1	5.85	4.9	4.2
HKLR	HY/2011/03	2014-06-16	Mid-Ebb	Sunny	IS8	14:43:57	2.8	Bottom	3	1	28.14	8.13	21.73	83.9	5.8	5.7	4.3
HKLR	HY/2011/03	2014-06-16	Mid-Ebb	Sunny	IS8	14:43:39	2.8	Bottom	3	2	28.16	8.13	21.72	84.1	5.82	5.6	5.5
HKLR	HY/2011/03	2014-06-16	Mid-Ebb	Sunny	IS(Mf)9	14:24:16	1.0	Surface	1	1	28.44	8.1	21.36	85.4	5.89	3.1	4.1
HKLR	HY/2011/03	2014-06-16	Mid-Ebb	Sunny	IS(Mf)9	14:23:38	1.0	Surface	1	2	28.55	8.18	20.26	88.3	6.12	3.4	4.6
HKLR	HY/2011/03	2014-06-16	Mid-Ebb	Sunny	IS(Mf)9	14:23:29	2.4	Bottom	3	1	28.62	8.16	21.79	88.5	6.07	3.7	3.8

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-06-16	Mid-Ebb	Sunny	IS(Mf)9	14:24:11	2.4	Bottom	3	2	28.37	8.03	22.22	85.8	5.9	3.6	3.2
HKLR	HY/2011/03	2014-06-16	Mid-Ebb	Sunny	IS10	15:01:51	1.0	Surface	1	1	28.32	8.12	19.79	77.6	5.41	5.3	4.1
HKLR	HY/2011/03	2014-06-16	Mid-Ebb	Sunny	IS10	15:01:17	1.0	Surface	1	2	28.37	8.12	19.76	77.9	5.43	5.3	2.3
HKLR	HY/2011/03	2014-06-16	Mid-Ebb	Sunny	IS10	15:01:42	5.2	Middle	2	1	27.92	8.1	21.9	75.2	5.22	5.5	3
HKLR	HY/2011/03	2014-06-16	Mid-Ebb	Sunny	IS10	15:01:07	5.2	Middle	2	2	27.91	8.09	21.97	75.2	5.22	5.3	3.5
HKLR	HY/2011/03	2014-06-16	Mid-Ebb	Sunny	IS10	15:01:33	9.4	Bottom	3	1	27.97	8.09	22.16	78	5.4	5.4	3.5
HKLR	HY/2011/03	2014-06-16	Mid-Ebb	Sunny	IS10	15:00:59	9.4	Bottom	3	2	27.94	8.09	22.27	77.7	5.38	5.5	5.4
HKLR	HY/2011/03	2014-06-16	Mid-Ebb	Sunny	SR3	13:39:05	0.8	Middle	2	1	28.25	8.12	21.64	82.8	5.73	5.8	3.6
HKLR	HY/2011/03	2014-06-16	Mid-Ebb	Sunny	SR3	13:39:12	0.8	Middle	2	2	28.24	8.13	21.62	82.5	5.7	5.8	3.1
HKLR	HY/2011/03	2014-06-16	Mid-Ebb	Sunny	SR4	14:33:41	1.0	Surface	1	1	29.08	8.06	19.75	79.3	5.46	4.9	3.6
HKLR	HY/2011/03	2014-06-16	Mid-Ebb	Sunny	SR4	14:33:22	1.0	Surface	1	2	28.58	8.03	20.15	78.7	5.45	5.4	3.4
HKLR	HY/2011/03	2014-06-16	Mid-Ebb	Sunny	SR4	14:33:14	2.6	Bottom	3	1	28.63	8.02	20.13	79.5	5.51	5.5	4.5
HKLR	HY/2011/03	2014-06-16	Mid-Ebb	Sunny	SR4	14:33:28	2.6	Bottom	3	2	28.54	8.03	20.19	78.2	5.42	6.1	5
HKLR	HY/2011/03	2014-06-16	Mid-Ebb	Sunny	SR5	14:49:47	1.0	Surface	1	1	28.47	8.11	19.75	84.3	5.87	2.2	3.9
HKLR	HY/2011/03	2014-06-16	Mid-Ebb	Sunny	SR5	14:50:10	1.0	Surface	1	2	28.5	8.1	19.73	84.2	5.86	2.1	4.4
HKLR	HY/2011/03	2014-06-16	Mid-Ebb	Sunny	SR5	14:50:01	3.8	Bottom	3	1	28.43	8.11	19.75	84.1	5.85	2.2	4.8
HKLR	HY/2011/03	2014-06-16	Mid-Ebb	Sunny	SR5	14:49:38	3.8	Bottom	3	2	28.44	8.11	19.76	84	5.85	2.1	3.1
HKLR	HY/2011/03	2014-06-16	Mid-Ebb	Sunny	SR10A	15:39:28	1.0	Surface	1	1	28.81	8.14	19.77	86.9	6.01	2	3
HKLR	HY/2011/03	2014-06-16	Mid-Ebb	Sunny	SR10A	15:40:04	1.0	Surface	1	2	28.84	8.15	19.61	86.6	5.99	2	3.2
HKLR	HY/2011/03	2014-06-16	Mid-Ebb	Sunny	SR10A	15:39:51	3.3	Middle	2	1	28.42	8.14	20.48	81.7	5.66	2.4	3
HKLR	HY/2011/03	2014-06-16	Mid-Ebb	Sunny	SR10A	15:39:16	3.3	Middle	2	2	28.55	8.14	19.85	82	5.69	2.3	2.7
HKLR	HY/2011/03	2014-06-16	Mid-Ebb	Sunny	SR10A	15:39:43	5.5	Bottom	3	1	28	8.12	22.07	82.2	5.69	3	2.6
HKLR	HY/2011/03	2014-06-16	Mid-Ebb	Sunny	SR10A	15:39:06	5.5	Bottom	3	2	27.91	8.12	22.27	80	5.54	2.9	2.9
HKLR	HY/2011/03	2014-06-16	Mid-Ebb	Sunny	SR10B	15:53:04	1.0	Surface	1	1	28.55	8.15	19.53	86	5.98	2.3	4.2
HKLR	HY/2011/03	2014-06-16	Mid-Ebb	Sunny	SR10B	15:51:48	1.0	Surface	1	2	28.5	8.15	19.69	81.6	5.68	2.2	3.4
HKLR	HY/2011/03	2014-06-16	Mid-Ebb	Sunny	SR10B	15:51:37	4.0	Bottom	3	1	28.02	8.13	22.68	81.2	5.6	2.5	2.5
HKLR	HY/2011/03	2014-06-16	Mid-Ebb	Sunny	SR10B	15:52:54	4.0	Bottom	3	2	28.24	8.12	22.34	88	6.06	2.5	4.1
HKLR	HY/2011/03	2014-06-16	Mid-Ebb	Sunny	CS2	13:42:16	1.0	Surface	1	1	28.31	8.12	20.2	80	5.57	5.8	5
HKLR	HY/2011/03	2014-06-16	Mid-Ebb	Sunny	CS2	13:41:47	1.0	Surface	1	2	28.35	8.12	20.24	80.2	5.57	6	3.9
HKLR	HY/2011/03	2014-06-16	Mid-Ebb	Sunny	CS2	13:42:06	4.0	Middle	2	1	27.91	8.11	21.55	78.9	5.49	6.2	3.4
HKLR	HY/2011/03	2014-06-16	Mid-Ebb	Sunny	CS2	13:41:33	4.0	Middle	2	2	28.02	8.13	21.91	76.7	5.31	6.2	4.1
HKLR	HY/2011/03	2014-06-16	Mid-Ebb	Sunny	CS2	13:41:56	7.0	Bottom	3	1	28.12	8.08	23.38	80.6	5.53	6.1	3.8
HKLR	HY/2011/03	2014-06-16	Mid-Ebb	Sunny	CS2	13:41:21	7.0	Bottom	3	2	27.73	8.12	23.89	76.2	5.25	6.3	3
HKLR	HY/2011/03	2014-06-16	Mid-Ebb	Sunny	CS(Mf)5	15:14:24	1.0	Surface	1	1	28.46	8.13	20.65	80.4	5.57	4.1	4
HKLR	HY/2011/03	2014-06-16	Mid-Ebb	Sunny	CS(Mf)5	15:13:29	1.0	Surface	1	2	28.45	8.14	20.72	80.7	5.59	4.3	3.1
HKLR	HY/2011/03	2014-06-16	Mid-Ebb	Sunny	CS(Mf)5	15:13:03	6.8	Middle	2	1	27.65	8.1	23.02	73.5	5.09	7.1	3.6
HKLR	HY/2011/03	2014-06-16	Mid-Ebb	Sunny	CS(Mf)5	15:13:59	6.8	Middle	2	2	27.72	8.09	22.78	73.1	5.06	7	3.9
HKLR	HY/2011/03	2014-06-16	Mid-Ebb	Sunny	CS(Mf)5	15:12:52	12.5	Bottom	3	1	27.65	8.1	23.15	70.9	4.91	6.4	4.7
HKLR	HY/2011/03	2014-06-16	Mid-Ebb	Sunny	CS(Mf)5	15:13:49	12.5	Bottom	3	2	27.66	8.09	23.1	71.2	4.93	6.7	3.9
HKLR	HY/2011/03	2014-06-16	Mid-Flood	Sunny	IS5	09:12:28	1.0	Surface	1	1	27.97	8.14	20.71	80	5.58	4.1	4.2
HKLR	HY/2011/03	2014-06-16	Mid-Flood	Sunny	IS5	09:11:44	1.0	Surface	1	2	27.98	8.15	20.84	80.6	5.62	4	4.4
HKLR	HY/2011/03	2014-06-16	Mid-Flood	Sunny	IS5	09:12:13	4.2	Middle	2	1	27.98	8.15	20.96	80.2	5.59	4.6	5
HKLR	HY/2011/03	2014-06-16	Mid-Flood	Sunny	IS5	09:11:32	4.2	Middle	2	2	27.99	8.15	21.11	80.3	5.59	4.8	4.8
HKLR	HY/2011/03	2014-06-16	Mid-Flood	Sunny	IS5	09:12:00	7.3	Bottom	3	1	27.99	8.15	21.08	80.4	5.6	4.5	4.3
HKLR	HY/2011/03	2014-06-16	Mid-Flood	Sunny	IS5	09:11:24	7.3	Bottom	3	2	27.99	8.15	21.1	80.6	5.61	4.8	3.8
HKLR	HY/2011/03	2014-06-16	Mid-Flood	Sunny	IS(Mf)6	08:58:52	1.0	Surface	1	1	27.9	8.1	19.87	78.4	5.51	3.3	4.3
HKLR	HY/2011/03	2014-06-16	Mid-Flood	Sunny	IS(Mf)6	08:58:36	1.0	Surface	1	2	27.9	8.1	19.92	78.8	5.53	3.6	3.3
HKLR	HY/2011/03	2014-06-16	Mid-Flood	Sunny	IS(Mf)6	08:58:28	2.2	Bottom	3	1	27.91	8.11	20.34	79.2	5.55	3.3	4.6
HKLR	HY/2011/03	2014-06-16	Mid-Flood	Sunny	IS(Mf)6	08:58:44	2.2	Bottom	3	2	27.91	8.1	20.23	78.5	5.5	3.4	4.3
HKLR	HY/2011/03	2014-06-16	Mid-Flood	Sunny	IS7	08:51:38	1.0	Surface	1	1	27.94	8.16	20.5	83.2	5.82	2.9	3.8
HKLR	HY/2011/03	2014-06-16	Mid-Flood	Sunny	IS7	08:51:20	1.0	Surface	1	2	27.94	8.16	20.54	83.2	5.81	3	3.3
HKLR	HY/2011/03	2014-06-16	Mid-Flood	Sunny	IS7	08:51:09	2.4	Bottom	3	1	27.94	8.17	20.87	83.4	5.82	2.9	5.1
HKLR	HY/2011/03	2014-06-16	Mid-Flood	Sunny	IS7	08:51:28	2.4	Bottom	3	2	27.94	8.17	20.87	83.2	5.81	3.1	4.5
HKLR	HY/2011/03	2014-06-16	Mid-Flood	Sunny	IS8	08:22:26	1.0	Surface	1	1	27.81	8.09	18.71	82.8	5.87	4.1	5.4
HKLR	HY/2011/03	2014-06-16	Mid-Flood	Sunny	IS8	08:22:12	1.0	Surface	1	2	27.8	8.09	18.66	83.1	5.89	4.1	3.4
HKLR	HY/2011/03	2014-06-16	Mid-Flood	Sunny	IS8	08:22:19	2.9	Bottom	3	1	27.8	8.09	19.04	83	5.87	4.3	4.9
HKLR	HY/2011/03	2014-06-16	Mid-Flood	Sunny	IS8	08:22:00	2.9	Bottom	3	2	27.8	8.09	19.1	83.4	5.89	4.5	5

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-06-16	Mid-Flood	Sunny	IS(Mf)9	08:45:01	1.0	Surface	1	1	27.86	8.12	19.64	88.7	6.23	3.9	5.8
HKLR	HY/2011/03	2014-06-16	Mid-Flood	Sunny	IS(Mf)9	08:44:41	1.0	Surface	1	2	27.89	8.14	19.64	89.6	6.3	3.8	6
HKLR	HY/2011/03	2014-06-16	Mid-Flood	Sunny	IS(Mf)9	08:44:50	2.8	Bottom	3	1	27.91	8.14	20.88	89.2	6.22	3.8	5.6
HKLR	HY/2011/03	2014-06-16	Mid-Flood	Sunny	IS(Mf)9	08:44:33	2.8	Bottom	3	2	27.92	8.14	20.99	89.4	6.23	3.9	6.1
HKLR	HY/2011/03	2014-06-16	Mid-Flood	Sunny	IS10	08:14:26	1.0	Surface	1	1	27.61	8.05	19.89	72.7	5.22	9.5	4.9
HKLR	HY/2011/03	2014-06-16	Mid-Flood	Sunny	IS10	08:15:12	1.0	Surface	1	2	27.6	8.05	20.1	72.4	5.19	9.8	5
HKLR	HY/2011/03	2014-06-16	Mid-Flood	Sunny	IS10	08:14:15	5.2	Middle	2	1	27.46	8.04	22.22	71.7	5.09	10.7	4.1
HKLR	HY/2011/03	2014-06-16	Mid-Flood	Sunny	IS10	08:15:01	5.2	Middle	2	2	27.46	8.04	22.19	71.3	5.07	10.7	4.8
HKLR	HY/2011/03	2014-06-16	Mid-Flood	Sunny	IS10	08:14:04	9.4	Bottom	3	1	27.42	8.03	22.42	72.1	5.12	10.6	4.8
HKLR	HY/2011/03	2014-06-16	Mid-Flood	Sunny	IS10	08:14:48	9.4	Bottom	3	2	27.41	8.03	22.5	71.8	5.1	10.7	4.5
HKLR	HY/2011/03	2014-06-16	Mid-Flood	Sunny	SR3	09:23:13	0.8	Middle	2	1	27.97	8.13	20.73	79.5	5.55	4.3	5.7
HKLR	HY/2011/03	2014-06-16	Mid-Flood	Sunny	SR3	09:23:18	0.8	Middle	2	2	27.97	8.14	20.73	79.4	5.54	4	5.8
HKLR	HY/2011/03	2014-06-16	Mid-Flood	Sunny	SR4	08:32:46	1.0	Surface	1	1	27.8	8.09	18.9	82.1	5.81	4.3	4.2
HKLR	HY/2011/03	2014-06-16	Mid-Flood	Sunny	SR4	08:33:00	1.0	Surface	1	2	27.8	8.09	18.73	81.8	5.78	4.7	3.6
HKLR	HY/2011/03	2014-06-16	Mid-Flood	Sunny	SR4	08:32:36	2.8	Bottom	3	1	27.79	8.09	19.29	82.1	5.8	4.5	4.3
HKLR	HY/2011/03	2014-06-16	Mid-Flood	Sunny	SR4	08:32:53	2.8	Bottom	3	2	27.79	8.09	19.61	81.9	5.77	5.1	4.7
HKLR	HY/2011/03	2014-06-16	Mid-Flood	Sunny	SR5	08:23:21	1.0	Surface	1	1	27.55	8.03	20.82	72.9	5.21	8.6	4.6
HKLR	HY/2011/03	2014-06-16	Mid-Flood	Sunny	SR5	08:23:36	1.0	Surface	1	2	27.59	8.04	19.43	73.1	5.26	8.8	4.4
HKLR	HY/2011/03	2014-06-16	Mid-Flood	Sunny	SR5	08:23:10	4.0	Bottom	3	1	27.52	8.01	22.11	73.2	5.2	8.6	5
HKLR	HY/2011/03	2014-06-16	Mid-Flood	Sunny	SR5	08:23:27	4.0	Bottom	3	2	27.55	8.03	21.13	73	5.21	8.7	3.3
HKLR	HY/2011/03	2014-06-16	Mid-Flood	Sunny	SR10A	07:22:15	1.0	Surface	1	1	27.7	8.14	19.56	82	5.78	2.6	3.8
HKLR	HY/2011/03	2014-06-16	Mid-Flood	Sunny	SR10A	07:22:55	1.0	Surface	1	2	27.69	8.16	19.32	81.8	5.77	2.8	4.9
HKLR	HY/2011/03	2014-06-16	Mid-Flood	Sunny	SR10A	07:22:45	3.4	Middle	2	1	27.56	8.18	21.71	80.8	5.65	2.6	4.5
HKLR	HY/2011/03	2014-06-16	Mid-Flood	Sunny	SR10A	07:22:04	3.4	Middle	2	2	27.51	8.18	21.79	80.8	5.65	2.6	5.7
HKLR	HY/2011/03	2014-06-16	Mid-Flood	Sunny	SR10A	07:22:29	5.8	Bottom	3	1	27.37	8.19	24.2	80.5	5.57	3.1	4.4
HKLR	HY/2011/03	2014-06-16	Mid-Flood	Sunny	SR10A	07:21:54	5.8	Bottom	3	2	27.39	8.17	24.3	81.1	5.6	2.9	4.6
HKLR	HY/2011/03	2014-06-16	Mid-Flood	Sunny	SR10B	07:08:21	1.0	Surface	1	1	26.99	8.24	27.83	75.8	5.16	6.7	4.9
HKLR	HY/2011/03	2014-06-16	Mid-Flood	Sunny	SR10B	07:07:56	1.0	Surface	1	2	27.01	8.22	27.67	76.1	5.2	6.5	4.6
HKLR	HY/2011/03	2014-06-16	Mid-Flood	Sunny	SR10B	07:07:47	3.9	Bottom	3	1	26.99	8.22	28.03	76.4	5.2	6.7	4
HKLR	HY/2011/03	2014-06-16	Mid-Flood	Sunny	SR10B	07:08:12	3.9	Bottom	3	2	26.97	8.23	28.24	75.7	5.15	7	3.5
HKLR	HY/2011/03	2014-06-16	Mid-Flood	Sunny	CS2	09:45:59	1.0	Surface	1	1	27.71	8.02	19.16	72	5.18	6.6	4.5
HKLR	HY/2011/03	2014-06-16	Mid-Flood	Sunny	CS2	09:46:28	1.0	Surface	1	2	27.66	8.04	18.71	71	5.12	6.7	4.6
HKLR	HY/2011/03	2014-06-16	Mid-Flood	Sunny	CS2	09:45:42	4.0	Middle	2	1	27.58	8.01	21.51	70.8	5.05	7.9	5.7
HKLR	HY/2011/03	2014-06-16	Mid-Flood	Sunny	CS2	09:46:18	4.0	Middle	2	2	27.57	8	21.87	70.8	5.03	7.9	5
HKLR	HY/2011/03	2014-06-16	Mid-Flood	Sunny	CS2	09:45:28	6.9	Bottom	3	1	27.58	7.99	21.93	72	5.11	8.1	6
HKLR	HY/2011/03	2014-06-16	Mid-Flood	Sunny	CS2	09:46:07	6.9	Bottom	3	2	27.63	7.98	21.9	72.1	5.12	8.3	4.1
HKLR	HY/2011/03	2014-06-16	Mid-Flood	Sunny	CS(Mf)5	07:51:04	1.0	Surface	1	1	27.6	8.21	21.73	79.5	5.54	3.3	4.5
HKLR	HY/2011/03	2014-06-16	Mid-Flood	Sunny	CS(Mf)5	07:50:00	1.0	Surface	1	2	27.59	8.2	21.76	79.6	5.55	3.7	5.2
HKLR	HY/2011/03	2014-06-16	Mid-Flood	Sunny	CS(Mf)5	07:49:32	6.8	Middle	2	1	27.11	8.24	26.24	77.3	5.31	6.5	4.9
HKLR	HY/2011/03	2014-06-16	Mid-Flood	Sunny	CS(Mf)5	07:50:46	6.8	Middle	2	2	27.14	8.24	26.25	77.6	5.33	6.6	5.3
HKLR	HY/2011/03	2014-06-16	Mid-Flood	Sunny	CS(Mf)5	07:50:22	12.5	Bottom	3	1	27.23	8.22	26.38	78.7	5.4	5.3	5.7
HKLR	HY/2011/03	2014-06-16	Mid-Flood	Sunny	CS(Mf)5	07:49:23	12.5	Bottom	3	2	27.22	8.22	26.36	78.4	5.37	5.1	4.3
HKLR	HY/2011/03	2014-06-18	Mid-Ebb	Sunny	IS5	16:13:47	1.0	Surface	1	1	29.22	8.18	19.04	87.7	6.05	4.8	5.3
HKLR	HY/2011/03	2014-06-18	Mid-Ebb	Sunny	IS5	16:14:11	1.0	Surface	1	2	29.14	8.16	19.19	89.9	6.16	4.7	4.9
HKLR	HY/2011/03	2014-06-18	Mid-Ebb	Sunny	IS5	16:13:36	4.6	Middle	2	1	28.8	8.14	20.44	83.9	5.77	4.9	5.4
HKLR	HY/2011/03	2014-06-18	Mid-Ebb	Sunny	IS5	16:14:03	4.6	Middle	2	2	28.86	8.13	20.43	87.6	6.05	4.9	5.4
HKLR	HY/2011/03	2014-06-18	Mid-Ebb	Sunny	IS5	16:13:27	8.2	Bottom	3	1	28.75	8.13	20.87	81.8	5.64	5.1	5.7
HKLR	HY/2011/03	2014-06-18	Mid-Ebb	Sunny	IS5	16:13:57	8.2	Bottom	3	2	29.07	8.15	20.69	86.6	5.96	5	5.6
HKLR	HY/2011/03	2014-06-18	Mid-Ebb	Sunny	IS(Mf)6	16:05:14	1.0	Surface	1	1	29.48	8.19	17.27	102.1	7.03	3.6	1.4
HKLR	HY/2011/03	2014-06-18	Mid-Ebb	Sunny	IS(Mf)6	16:05:25	1.0	Surface	1	2	29.42	8.18	17.3	101.5	6.98	3.6	1.3
HKLR	HY/2011/03	2014-06-18	Mid-Ebb	Sunny	IS(Mf)6	16:05:08	2.3	Bottom	3	1	29.51	8.18	18.58	101.2	7.02	3.9	2.6
HKLR	HY/2011/03	2014-06-18	Mid-Ebb	Sunny	IS(Mf)6	16:05:18	2.3	Bottom	3	2	29.5	8.19	18.77	100.5	6.98	3.6	2.2
HKLR	HY/2011/03	2014-06-18	Mid-Ebb	Sunny	IS7	15:59:28	1.0	Surface	1	1	29.85	8.22	16.58	107.1	7.42	3.9	1.2
HKLR	HY/2011/03	2014-06-18	Mid-Ebb	Sunny	IS7	15:59:11	1.0	Surface	1	2	29.9	8.23	16.55	105.7	7.31	4	1.2
HKLR	HY/2011/03	2014-06-18	Mid-Ebb	Sunny	IS7	15:59:18	2.3	Bottom	3	1	29.78	8.22	16.68	106.6	7.38	4.1	1
HKLR	HY/2011/03	2014-06-18	Mid-Ebb	Sunny	IS7	15:58:55	2.3	Bottom	3	2	29.48	8.17	17.03	102.5	7.12	4.1	1.2
HKLR	HY/2011/03	2014-06-18	Mid-Ebb	Sunny	IS8	15:40:35	1.0	Surface	1	1	29.24	8.15	17.47	91.1	6.34	7.7	1.5

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-06-18	Mid-Ebb	Sunny	IS8	15:40:08	1.0	Surface	1	2	28.89	8.1	18.33	86.5	6	7.7	1.5
HKLR	HY/2011/03	2014-06-18	Mid-Ebb	Sunny	IS8	15:40:17	2.5	Bottom	3	1	28.95	8.12	18.82	88.9	6.17	7.7	1.9
HKLR	HY/2011/03	2014-06-18	Mid-Ebb	Sunny	IS8	15:40:01	2.5	Bottom	3	2	28.78	8.08	19.28	86.2	6	7.9	1.9
HKLR	HY/2011/03	2014-06-18	Mid-Ebb	Sunny	IS(Mf)9	15:53:09	1.0	Surface	1	1	29.72	8.21	17.04	105.6	7.3	4.3	<0.5
HKLR	HY/2011/03	2014-06-18	Mid-Ebb	Sunny	IS(Mf)9	15:53:23	1.0	Surface	1	2	29.91	8.23	16.6	106.7	7.37	4.2	<0.5
HKLR	HY/2011/03	2014-06-18	Mid-Ebb	Sunny	IS(Mf)9	15:53:13	2.4	Bottom	3	1	29.8	8.21	17	106.1	7.33	4.4	2.2
HKLR	HY/2011/03	2014-06-18	Mid-Ebb	Sunny	IS(Mf)9	15:53:01	2.4	Bottom	3	2	29.6	8.19	17.41	105.6	7.3	4.6	2.5
HKLR	HY/2011/03	2014-06-18	Mid-Ebb	Sunny	IS10	16:53:53	1.0	Surface	1	1	28.84	8.09	17.24	76.5	5.37	5.7	2.4
HKLR	HY/2011/03	2014-06-18	Mid-Ebb	Sunny	IS10	16:54:34	1.0	Surface	1	2	28.9	8.08	17.21	80.3	5.63	5.6	2.5
HKLR	HY/2011/03	2014-06-18	Mid-Ebb	Sunny	IS10	16:54:16	5.4	Middle	2	1	28.3	8.05	19.93	77	5.31	5.7	2.7
HKLR	HY/2011/03	2014-06-18	Mid-Ebb	Sunny	IS10	16:53:40	5.4	Middle	2	2	28.27	8.06	19.89	74.3	5.13	5.7	2.9
HKLR	HY/2011/03	2014-06-18	Mid-Ebb	Sunny	IS10	16:54:06	9.8	Bottom	3	1	28.35	8.03	21.78	73.5	5.12	5.8	3
HKLR	HY/2011/03	2014-06-18	Mid-Ebb	Sunny	IS10	16:53:30	9.8	Bottom	3	2	28.18	8.03	21.89	72.1	5.03	5.8	3
HKLR	HY/2011/03	2014-06-18	Mid-Ebb	Sunny	SR3	16:20:46	0.7	Middle	2	1	29.41	8.14	18.68	99.3	6.84	4.7	2.8
HKLR	HY/2011/03	2014-06-18	Mid-Ebb	Sunny	SR3	16:20:48	0.7	Middle	2	2	29.42	8.15	18.67	99.4	6.85	4.8	3.2
HKLR	HY/2011/03	2014-06-18	Mid-Ebb	Sunny	SR4	15:45:51	1.0	Surface	1	1	29.35	8.18	17.1	98.5	6.85	5.2	3.4
HKLR	HY/2011/03	2014-06-18	Mid-Ebb	Sunny	SR4	15:45:41	1.0	Surface	1	2	29.36	8.17	17.21	97	6.74	5.4	3
HKLR	HY/2011/03	2014-06-18	Mid-Ebb	Sunny	SR4	15:45:35	2.5	Bottom	3	1	29.4	8.16	18.59	95.5	6.59	5.4	5
HKLR	HY/2011/03	2014-06-18	Mid-Ebb	Sunny	SR4	15:45:44	2.5	Bottom	3	2	29.45	8.18	18.65	98	6.75	5.3	4.2
HKLR	HY/2011/03	2014-06-18	Mid-Ebb	Sunny	SR5	16:43:15	1.0	Surface	1	1	28.71	8.07	17.24	81.3	5.71	4.4	4.8
HKLR	HY/2011/03	2014-06-18	Mid-Ebb	Sunny	SR5	16:43:32	1.0	Surface	1	2	28.78	8.07	17.27	81.2	5.7	4.4	4.3
HKLR	HY/2011/03	2014-06-18	Mid-Ebb	Sunny	SR5	16:43:22	3.9	Bottom	3	1	28.69	8.05	19.05	82.1	5.71	4.5	5.7
HKLR	HY/2011/03	2014-06-18	Mid-Ebb	Sunny	SR5	16:43:07	3.9	Bottom	3	2	28.73	8.06	19.29	82.7	5.75	4.3	5.9
HKLR	HY/2011/03	2014-06-18	Mid-Ebb	Sunny	SR10A	17:17:58	1.0	Surface	1	1	29.47	8.2	16.94	94	6.53	2.5	1.3
HKLR	HY/2011/03	2014-06-18	Mid-Ebb	Sunny	SR10A	17:17:33	1.0	Surface	1	2	29.26	8.18	18.18	91.4	6.33	2.4	1
HKLR	HY/2011/03	2014-06-18	Mid-Ebb	Sunny	SR10A	17:17:50	3.3	Middle	2	1	29.28	8.18	18.26	92	6.37	2.6	1.1
HKLR	HY/2011/03	2014-06-18	Mid-Ebb	Sunny	SR10A	17:17:22	3.3	Middle	2	2	29.23	8.18	18.77	91.3	6.31	2.5	1.2
HKLR	HY/2011/03	2014-06-18	Mid-Ebb	Sunny	SR10A	17:17:14	5.5	Bottom	3	1	29.25	8.18	18.74	91.2	6.3	2.7	1.3
HKLR	HY/2011/03	2014-06-18	Mid-Ebb	Sunny	SR10A	17:17:41	5.5	Bottom	3	2	29.26	8.18	19.3	92.1	6.34	2.7	1.3
HKLR	HY/2011/03	2014-06-18	Mid-Ebb	Sunny	SR10B	17:23:02	1.0	Surface	1	1	29.42	8.19	17.37	96.4	6.65	2.5	1.2
HKLR	HY/2011/03	2014-06-18	Mid-Ebb	Sunny	SR10B	17:23:24	1.0	Surface	1	2	29.47	8.2	17.23	96.1	6.64	2.4	0.9
HKLR	HY/2011/03	2014-06-18	Mid-Ebb	Sunny	SR10B	17:22:53	3.7	Bottom	3	1	29.41	8.18	18.4	95.7	6.64	2.6	1.2
HKLR	HY/2011/03	2014-06-18	Mid-Ebb	Sunny	SR10B	17:23:14	3.7	Bottom	3	2	29.35	8.18	18.86	95.7	6.62	2.5	1.5
HKLR	HY/2011/03	2014-06-18	Mid-Ebb	Sunny	CS2	15:27:12	1.0	Surface	1	1	29.09	8.19	16.6	83.8	5.87	5.5	1.4
HKLR	HY/2011/03	2014-06-18	Mid-Ebb	Sunny	CS2	15:26:29	1.0	Surface	1	2	29.1	8.22	16.66	84.3	5.9	5.4	1.3
HKLR	HY/2011/03	2014-06-18	Mid-Ebb	Sunny	CS2	15:27:00	4.0	Middle	2	1	28.46	8.16	20.2	79.4	5.51	6.2	1.2
HKLR	HY/2011/03	2014-06-18	Mid-Ebb	Sunny	CS2	15:26:17	4.0	Middle	2	2	28.45	8.2	20.52	79.3	5.5	6.1	1.9
HKLR	HY/2011/03	2014-06-18	Mid-Ebb	Sunny	CS2	15:26:48	7.0	Bottom	3	1	28.46	8.15	20.75	81.5	5.64	6.5	2.8
HKLR	HY/2011/03	2014-06-18	Mid-Ebb	Sunny	CS2	15:25:55	7.0	Bottom	3	2	28.44	8.23	20.92	82.2	5.68	6.6	2.6
HKLR	HY/2011/03	2014-06-18	Mid-Ebb	Sunny	CS(Mf)5	16:56:11	1.0	Surface	1	1	29.12	8.21	17.64	84.7	5.87	4.3	3.4
HKLR	HY/2011/03	2014-06-18	Mid-Ebb	Sunny	CS(Mf)5	16:55:38	1.0	Surface	1	2	29.13	8.21	17.59	86.8	5.98	4.4	3.5
HKLR	HY/2011/03	2014-06-18	Mid-Ebb	Sunny	CS(Mf)5	16:55:59	6.8	Middle	2	1	28.31	8.17	21.22	84.4	5.66	4.5	3.4
HKLR	HY/2011/03	2014-06-18	Mid-Ebb	Sunny	CS(Mf)5	16:55:26	6.8	Middle	2	2	28.61	8.17	21.06	85.9	5.81	4.5	3.2
HKLR	HY/2011/03	2014-06-18	Mid-Ebb	Sunny	CS(Mf)5	16:55:15	12.5	Bottom	3	1	28.61	8.15	26.46	79.1	5.45	4.5	3.9
HKLR	HY/2011/03	2014-06-18	Mid-Ebb	Sunny	CS(Mf)5	16:55:49	12.5	Bottom	3	2	28.53	8.16	26.66	77.1	5.33	4.6	3.9
HKLR	HY/2011/03	2014-06-18	Mid-Flood	Sunny	IS5	11:34:43	1.0	Surface	1	1	28.94	8.12	17.81	87.6	6.07	3.8	2.9
HKLR	HY/2011/03	2014-06-18	Mid-Flood	Sunny	IS5	11:34:02	1.0	Surface	1	2	28.86	8.12	18.14	86.3	5.99	3.7	3.5
HKLR	HY/2011/03	2014-06-18	Mid-Flood	Sunny	IS5	11:33:54	4.6	Middle	2	1	28.77	8.09	19.23	85.8	5.99	3.9	3.2
HKLR	HY/2011/03	2014-06-18	Mid-Flood	Sunny	IS5	11:34:35	4.6	Middle	2	2	28.79	8.09	19.05	87.2	6.08	4	3.7
HKLR	HY/2011/03	2014-06-18	Mid-Flood	Sunny	IS5	11:33:45	8.2	Bottom	3	1	28.78	8.09	19.42	83.8	5.82	4.1	4.8
HKLR	HY/2011/03	2014-06-18	Mid-Flood	Sunny	IS5	11:34:27	8.2	Bottom	3	2	28.79	8.04	19.45	85.1	5.91	4.1	4.9
HKLR	HY/2011/03	2014-06-18	Mid-Flood	Sunny	IS(Mf)6	11:26:10	1.0	Surface	1	1	29.1	8.11	16.53	89.8	6.3	3.7	1.9
HKLR	HY/2011/03	2014-06-18	Mid-Flood	Sunny	IS(Mf)6	11:25:46	1.0	Surface	1	2	29.1	8.11	16.47	90	6.31	3.6	2.3
HKLR	HY/2011/03	2014-06-18	Mid-Flood	Sunny	IS(Mf)6	11:25:40	2.4	Bottom	3	1	29.08	8.11	16.59	89.6	6.28	3.7	2.9
HKLR	HY/2011/03	2014-06-18	Mid-Flood	Sunny	IS(Mf)6	11:25:54	2.4	Bottom	3	2	29.08	8.11	16.61	89.7	6.29	3.7	2.7
HKLR	HY/2011/03	2014-06-18	Mid-Flood	Sunny	IS7	11:18:26	1.0	Surface	1	1	28.99	8.18	17.2	95.5	6.65	3.4	1.2
HKLR	HY/2011/03	2014-06-18	Mid-Flood	Sunny	IS7	11:18:38	1.0	Surface	1	2	28.95	8.18	17.35	95	6.63	3.3	1.4

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-06-18	Mid-Flood	Sunny	IS7	11:18:21	2.5	Bottom	3	1	29.02	8.18	18.54	95.1	6.63	3.7	2
HKLR	HY/2011/03	2014-06-18	Mid-Flood	Sunny	IS7	11:18:32	2.5	Bottom	3	2	28.99	8.17	19.08	94.7	6.57	3.5	1.9
HKLR	HY/2011/03	2014-06-18	Mid-Flood	Sunny	IS8	10:55:10	1.0	Surface	1	1	28.82	8.08	15.74	81	5.7	2.6	2.3
HKLR	HY/2011/03	2014-06-18	Mid-Flood	Sunny	IS8	10:55:31	1.0	Surface	1	2	29.03	8.08	15.5	81.9	5.78	2.5	2
HKLR	HY/2011/03	2014-06-18	Mid-Flood	Sunny	IS8	10:55:01	3.1	Bottom	3	1	28.78	8.06	17.74	80.7	5.67	2.8	2.1
HKLR	HY/2011/03	2014-06-18	Mid-Flood	Sunny	IS8	10:55:17	3.1	Bottom	3	2	28.78	8.06	17.84	80.9	5.66	2.7	2.2
HKLR	HY/2011/03	2014-06-18	Mid-Flood	Sunny	IS(Mf)9	11:12:51	1.0	Surface	1	1	28.92	8.16	17.29	93.3	6.53	3.5	<0.5
HKLR	HY/2011/03	2014-06-18	Mid-Flood	Sunny	IS(Mf)9	11:13:01	1.0	Surface	1	2	28.91	8.16	17.3	93	6.51	3.4	0.7
HKLR	HY/2011/03	2014-06-18	Mid-Flood	Sunny	IS(Mf)9	11:12:55	2.6	Bottom	3	1	28.92	8.15	18.13	92.8	6.46	3.5	1.7
HKLR	HY/2011/03	2014-06-18	Mid-Flood	Sunny	IS(Mf)9	11:12:45	2.6	Bottom	3	2	28.92	8.16	18.29	93.2	6.49	3.7	1.8
HKLR	HY/2011/03	2014-06-18	Mid-Flood	Sunny	IS10	10:09:31	1.0	Surface	1	1	28.57	8.06	15.99	78.7	5.58	5.2	2.2
HKLR	HY/2011/03	2014-06-18	Mid-Flood	Sunny	IS10	10:10:19	1.0	Surface	1	2	28.57	8.04	15.99	78.2	5.54	5.1	2.3
HKLR	HY/2011/03	2014-06-18	Mid-Flood	Sunny	IS10	10:09:21	5.4	Middle	2	1	28.45	8.03	18.38	77.5	5.43	5.6	2.4
HKLR	HY/2011/03	2014-06-18	Mid-Flood	Sunny	IS10	10:10:03	5.4	Middle	2	2	28.39	8.03	18.4	77	5.4	5.5	2.1
HKLR	HY/2011/03	2014-06-18	Mid-Flood	Sunny	IS10	10:09:53	9.7	Bottom	3	1	28.36	7.99	21.1	78.1	5.4	5.5	3
HKLR	HY/2011/03	2014-06-18	Mid-Flood	Sunny	IS10	10:09:08	9.7	Bottom	3	2	28.34	7.98	21.32	78.2	5.4	5.6	3.3
HKLR	HY/2011/03	2014-06-18	Mid-Flood	Sunny	SR3	11:41:14	0.8	Middle	2	1	29.09	8.1	17.69	91.9	6.4	2.8	4
HKLR	HY/2011/03	2014-06-18	Mid-Flood	Sunny	SR3	11:41:17	0.8	Middle	2	2	29.09	8.11	17.66	92	6.41	2.9	3
HKLR	HY/2011/03	2014-06-18	Mid-Flood	Sunny	SR4	11:03:32	1.0	Surface	1	1	29.04	8.04	15.82	83.3	5.87	5.6	4.9
HKLR	HY/2011/03	2014-06-18	Mid-Flood	Sunny	SR4	11:03:19	1.0	Surface	1	2	29.04	8.05	15.85	84.1	5.92	5.5	4.7
HKLR	HY/2011/03	2014-06-18	Mid-Flood	Sunny	SR4	11:03:23	3.2	Bottom	3	1	29.03	8.04	15.88	82.7	5.82	5.8	7.3
HKLR	HY/2011/03	2014-06-18	Mid-Flood	Sunny	SR4	11:03:16	3.2	Bottom	3	2	29.06	8.05	15.8	83.7	5.89	5.7	6.5
HKLR	HY/2011/03	2014-06-18	Mid-Flood	Sunny	SR5	10:19:34	1.0	Surface	1	1	28.61	8.01	16.11	80.2	5.68	2.2	3
HKLR	HY/2011/03	2014-06-18	Mid-Flood	Sunny	SR5	10:19:52	1.0	Surface	1	2	28.59	8	16.08	79.7	5.65	2.3	2.6
HKLR	HY/2011/03	2014-06-18	Mid-Flood	Sunny	SR5	10:19:43	3.9	Bottom	3	1	28.61	7.99	16.97	79.6	5.61	2.2	3
HKLR	HY/2011/03	2014-06-18	Mid-Flood	Sunny	SR5	10:19:27	3.9	Bottom	3	2	28.61	7.99	17.16	79.6	5.61	2.1	2.8
HKLR	HY/2011/03	2014-06-18	Mid-Flood	Sunny	SR10A	09:31:32	1.0	Surface	1	1	28.65	8.06	17.81	79.1	5.55	2.3	1.4
HKLR	HY/2011/03	2014-06-18	Mid-Flood	Sunny	SR10A	09:31:00	1.0	Surface	1	2	28.63	8.05	17.86	79.7	5.57	2.3	1.2
HKLR	HY/2011/03	2014-06-18	Mid-Flood	Sunny	SR10A	09:31:22	3.1	Middle	2	1	28.54	8.07	18.24	78.2	5.46	2.4	2.9
HKLR	HY/2011/03	2014-06-18	Mid-Flood	Sunny	SR10A	09:30:53	3.1	Middle	2	2	28.56	8.05	18.24	79.4	5.54	2.5	3
HKLR	HY/2011/03	2014-06-18	Mid-Flood	Sunny	SR10A	09:31:16	5.1	Bottom	3	1	28.5	8.06	19.67	77.9	5.44	2.5	3.7
HKLR	HY/2011/03	2014-06-18	Mid-Flood	Sunny	SR10A	09:30:49	5.1	Bottom	3	2	28.61	8.03	19.46	79.1	5.54	2.5	4.7
HKLR	HY/2011/03	2014-06-18	Mid-Flood	Sunny	SR10B	09:24:30	1.0	Surface	1	1	28.65	8.03	17.86	80.6	5.65	2.3	2.3
HKLR	HY/2011/03	2014-06-18	Mid-Flood	Sunny	SR10B	09:24:15	1.0	Surface	1	2	28.67	8.02	17.48	80.8	5.67	2.3	2.4
HKLR	HY/2011/03	2014-06-18	Mid-Flood	Sunny	SR10B	09:24:05	3.6	Bottom	3	1	28.66	8.01	18.35	80.4	5.62	2.4	2.9
HKLR	HY/2011/03	2014-06-18	Mid-Flood	Sunny	SR10B	09:24:23	3.6	Bottom	3	2	28.64	8.02	18.38	80.6	5.64	2.5	3.2
HKLR	HY/2011/03	2014-06-18	Mid-Flood	Sunny	CS2	11:29:22	1.0	Surface	1	1	28.9	8.02	13.83	80.7	5.76	5.1	1.8
HKLR	HY/2011/03	2014-06-18	Mid-Flood	Sunny	CS2	11:28:41	1.0	Surface	1	2	28.87	8.03	13.8	79.7	5.69	5	1.7
HKLR	HY/2011/03	2014-06-18	Mid-Flood	Sunny	CS2	11:28:29	4.0	Middle	2	1	28.6	8.01	16.53	76.2	5.38	4.9	2.9
HKLR	HY/2011/03	2014-06-18	Mid-Flood	Sunny	CS2	11:29:08	4.0	Middle	2	2	28.61	8	16.91	76.8	5.42	5.3	3.3
HKLR	HY/2011/03	2014-06-18	Mid-Flood	Sunny	CS2	11:28:55	7.0	Bottom	3	1	28.37	7.95	20.38	78	5.42	5.6	2.8
HKLR	HY/2011/03	2014-06-18	Mid-Flood	Sunny	CS2	11:28:14	7.0	Bottom	3	2	28.26	7.95	20.45	76.5	5.32	5.4	2.6
HKLR	HY/2011/03	2014-06-18	Mid-Flood	Sunny	CS(Mf)5	10:03:01	1.0	Surface	1	1	28.66	8.14	16.94	86.1	5.33	2.4	2.1
HKLR	HY/2011/03	2014-06-18	Mid-Flood	Sunny	CS(Mf)5	10:03:58	1.0	Surface	1	2	28.71	8.06	16.99	86.3	5.54	2.3	3.2
HKLR	HY/2011/03	2014-06-18	Mid-Flood	Sunny	CS(Mf)5	10:02:45	6.5	Middle	2	1	27.9	8.24	24.9	83.5	5.27	2.4	3.2
HKLR	HY/2011/03	2014-06-18	Mid-Flood	Sunny	CS(Mf)5	10:03:30	6.5	Middle	2	2	27.9	8.22	25.01	83.6	5.35	2.5	3
HKLR	HY/2011/03	2014-06-18	Mid-Flood	Sunny	CS(Mf)5	10:03:20	11.9	Bottom	3	1	27.95	8.21	26.66	78.7	5.22	2.7	3.4
HKLR	HY/2011/03	2014-06-18	Mid-Flood	Sunny	CS(Mf)5	10:02:36	11.9	Bottom	3	2	27.96	8.22	26.75	74.8	5.21	2.6	4.5
HKLR	HY/2011/03	2014-06-20	Mid-Ebb	Fine	IS5	17:54:54	1.0	Surface	1	1	29.62	8.44	16.57	96.1	6.68	9.3	5.1
HKLR	HY/2011/03	2014-06-20	Mid-Ebb	Fine	IS5	17:54:10	1.0	Surface	1	2	29.57	8.41	16.95	90.5	6.28	9.1	5.1
HKLR	HY/2011/03	2014-06-20	Mid-Ebb	Fine	IS5	17:54:00	4.3	Middle	2	1	29.17	8.3	20.19	78.7	5.4	12.9	5.1
HKLR	HY/2011/03	2014-06-20	Mid-Ebb	Fine	IS5	17:54:42	4.3	Middle	2	2	29.34	8.31	20.17	80.9	5.53	12.6	5.3
HKLR	HY/2011/03	2014-06-20	Mid-Ebb	Fine	IS5	17:53:53	7.5	Bottom	3	1	28.98	8.27	22.41	81.5	5.54	13.1	6
HKLR	HY/2011/03	2014-06-20	Mid-Ebb	Fine	IS5	17:54:31	7.5	Bottom	3	2	29	8.26	22.33	80.8	5.49	12.7	6
HKLR	HY/2011/03	2014-06-20	Mid-Ebb	Fine	IS(Mf)6	18:00:19	1.0	Surface	1	1	29.6	8.44	17.96	109.5	7.55	8.4	4.7
HKLR	HY/2011/03	2014-06-20	Mid-Ebb	Fine	IS(Mf)6	18:00:34	1.0	Surface	1	2	29.63	8.47	17.85	111.1	7.66	8.4	4.5
HKLR	HY/2011/03	2014-06-20	Mid-Ebb	Fine	IS(Mf)6	18:00:25	2.1	Bottom	3	1	29.58	8.39	18.53	103.7	7.14	8.5	5.1

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-06-20	Mid-Ebb	Fine	IS(Mf)6	18:00:08	2.1	Bottom	3	2	29.56	8.36	18.88	105	7.21	8.4	5.2
HKLR	HY/2011/03	2014-06-20	Mid-Ebb	Fine	IS7	18:07:09	1.0	Surface	1	1	29.73	8.44	17.77	114	7.85	3.9	2.8
HKLR	HY/2011/03	2014-06-20	Mid-Ebb	Fine	IS7	18:07:26	1.0	Surface	1	2	29.62	8.4	18.05	111.9	7.71	3.8	2.9
HKLR	HY/2011/03	2014-06-20	Mid-Ebb	Fine	IS7	18:07:16	2.2	Bottom	3	1	29.7	8.44	17.84	114.2	7.87	3.9	3.3
HKLR	HY/2011/03	2014-06-20	Mid-Ebb	Fine	IS7	18:07:00	2.2	Bottom	3	2	29.69	8.42	17.81	113.7	7.83	3.9	3.2
HKLR	HY/2011/03	2014-06-20	Mid-Ebb	Fine	IS8	18:31:21	1.0	Surface	1	1	29.39	8.36	18.23	98.1	6.72	9.5	2
HKLR	HY/2011/03	2014-06-20	Mid-Ebb	Fine	IS8	18:31:37	1.0	Surface	1	2	29.4	8.37	18.1	93.5	6.46	9.5	1.6
HKLR	HY/2011/03	2014-06-20	Mid-Ebb	Fine	IS8	18:31:29	3.0	Bottom	3	1	29.3	8.31	19.59	95.4	6.55	10.2	3.6
HKLR	HY/2011/03	2014-06-20	Mid-Ebb	Fine	IS8	18:31:13	3.0	Bottom	3	2	29.42	8.36	19.68	95.1	6.57	10.5	2.9
HKLR	HY/2011/03	2014-06-20	Mid-Ebb	Fine	IS(Mf)9	18:15:06	1.0	Surface	1	1	29.6	8.53	18.56	113.3	7.79	16.7	12
HKLR	HY/2011/03	2014-06-20	Mid-Ebb	Fine	IS(Mf)9	18:14:29	1.0	Surface	1	2	29.6	8.52	18.6	113.5	7.8	16.5	12
HKLR	HY/2011/03	2014-06-20	Mid-Ebb	Fine	IS(Mf)9	18:14:19	2.7	Bottom	3	1	29.47	8.41	19.04	112.5	7.73	16.8	12.4
HKLR	HY/2011/03	2014-06-20	Mid-Ebb	Fine	IS(Mf)9	18:14:57	2.7	Bottom	3	2	29.43	8.39	19.17	114.1	7.84	16.4	11.9
HKLR	HY/2011/03	2014-06-20	Mid-Ebb	Fine	IS10	18:54:33	1.0	Surface	1	1	29.4	8.2	12.52	88.1	6.28	2.3	3.2
HKLR	HY/2011/03	2014-06-20	Mid-Ebb	Fine	IS10	18:53:43	1.0	Surface	1	2	29.33	8.18	12.6	87.8	6.26	2.3	3.2
HKLR	HY/2011/03	2014-06-20	Mid-Ebb	Fine	IS10	18:53:31	5.0	Middle	2	1	28.95	8.09	18.07	81.5	5.68	3	3.5
HKLR	HY/2011/03	2014-06-20	Mid-Ebb	Fine	IS10	18:54:18	5.0	Middle	2	2	28.82	8.09	20.19	83.1	5.72	3	3.9
HKLR	HY/2011/03	2014-06-20	Mid-Ebb	Fine	IS10	18:54:07	9.0	Bottom	3	1	28.75	8.07	21.11	79.9	5.49	3.8	5.3
HKLR	HY/2011/03	2014-06-20	Mid-Ebb	Fine	IS10	18:53:18	9.0	Bottom	3	2	28.76	8.05	20.97	78.2	5.39	3.4	5.2
HKLR	HY/2011/03	2014-06-20	Mid-Ebb	Fine	SR3	17:46:44	0.7	Middle	2	1	29.65	8.47	16.29	115.2	8.01	7	5.8
HKLR	HY/2011/03	2014-06-20	Mid-Ebb	Fine	SR3	17:46:52	0.7	Middle	2	2	29.65	8.49	16.13	116	8.07	6.8	6
HKLR	HY/2011/03	2014-06-20	Mid-Ebb	Fine	SR4	18:25:49	1.0	Surface	1	1	29.51	8.43	18.06	101.3	6.99	7.6	2.7
HKLR	HY/2011/03	2014-06-20	Mid-Ebb	Fine	SR4	18:26:13	1.0	Surface	1	2	29.4	8.38	18.26	96.5	6.67	7.7	2.9
HKLR	HY/2011/03	2014-06-20	Mid-Ebb	Fine	SR4	18:25:35	2.6	Bottom	3	1	29.31	8.31	19.25	96.4	6.63	7.6	3.8
HKLR	HY/2011/03	2014-06-20	Mid-Ebb	Fine	SR4	18:26:04	2.6	Bottom	3	2	29.26	8.3	19.53	99.6	6.85	7.6	3.8
HKLR	HY/2011/03	2014-06-20	Mid-Ebb	Fine	SR5	18:45:07	1.0	Surface	1	1	29.21	8.14	13.11	90	6.41	2.2	3.8
HKLR	HY/2011/03	2014-06-20	Mid-Ebb	Fine	SR5	18:45:31	1.0	Surface	1	2	29.26	8.14	13.23	91.6	6.52	2.3	3.7
HKLR	HY/2011/03	2014-06-20	Mid-Ebb	Fine	SR5	18:44:57	3.6	Bottom	3	1	29.13	8.1	16.84	89.1	6.23	2.4	3.7
HKLR	HY/2011/03	2014-06-20	Mid-Ebb	Fine	SR5	18:45:21	3.6	Bottom	3	2	29.2	8.09	16.7	90.6	6.33	2.5	3.9
HKLR	HY/2011/03	2014-06-20	Mid-Ebb	Fine	SR10A	19:43:25	1.0	Surface	1	1	29.22	8.31	19.26	84.8	5.84	2.6	2.6
HKLR	HY/2011/03	2014-06-20	Mid-Ebb	Fine	SR10A	19:43:55	1.0	Surface	1	2	29.29	8.31	19.04	87	5.99	2.6	2.6
HKLR	HY/2011/03	2014-06-20	Mid-Ebb	Fine	SR10A	19:43:42	3.2	Middle	2	1	29.05	8.31	20.57	85.4	5.81	3.5	3.7
HKLR	HY/2011/03	2014-06-20	Mid-Ebb	Fine	SR10A	19:43:17	3.2	Middle	2	2	29.15	8.31	20.46	82.8	5.67	3.3	4
HKLR	HY/2011/03	2014-06-20	Mid-Ebb	Fine	SR10A	19:43:06	5.4	Bottom	3	1	28.91	8.31	22.53	81.1	5.52	3.3	3.8
HKLR	HY/2011/03	2014-06-20	Mid-Ebb	Fine	SR10A	19:43:35	5.4	Bottom	3	2	29.12	8.3	21.95	79.1	5.45	3.5	3.8
HKLR	HY/2011/03	2014-06-20	Mid-Ebb	Fine	SR10B	19:51:14	1.0	Surface	1	1	29.2	8.31	19.8	87.2	5.99	2.5	1.9
HKLR	HY/2011/03	2014-06-20	Mid-Ebb	Fine	SR10B	19:51:39	1.0	Surface	1	2	29.19	8.31	19.87	86.5	5.94	2.5	2.3
HKLR	HY/2011/03	2014-06-20	Mid-Ebb	Fine	SR10B	19:51:05	3.7	Bottom	3	1	29.22	8.31	19.82	87.4	6	2.4	1.9
HKLR	HY/2011/03	2014-06-20	Mid-Ebb	Fine	SR10B	19:51:27	3.7	Bottom	3	2	29.14	8.31	20.34	86.5	5.93	2.5	2.5
HKLR	HY/2011/03	2014-06-20	Mid-Ebb	Fine	CS2	17:32:25	1.0	Surface	1	1	29.26	8.05	12.66	88.8	6.34	4.6	3.3
HKLR	HY/2011/03	2014-06-20	Mid-Ebb	Fine	CS2	17:33:05	1.0	Surface	1	2	29.24	8.09	12.71	88	6.28	4.3	3
HKLR	HY/2011/03	2014-06-20	Mid-Ebb	Fine	CS2	17:32:55	3.7	Middle	2	1	29.03	8.03	15.3	83.4	5.89	7.8	4.6
HKLR	HY/2011/03	2014-06-20	Mid-Ebb	Fine	CS2	17:32:13	3.7	Middle	2	2	28.99	7.97	15.24	81.7	5.77	7.7	5
HKLR	HY/2011/03	2014-06-20	Mid-Ebb	Fine	CS2	17:32:04	6.3	Bottom	3	1	28.71	7.86	21.31	81.8	5.62	7.9	4.5
HKLR	HY/2011/03	2014-06-20	Mid-Ebb	Fine	CS2	17:32:44	6.3	Bottom	3	2	28.79	7.95	21.21	86.5	5.94	8.4	4.9
HKLR	HY/2011/03	2014-06-20	Mid-Ebb	Fine	CS(Mf)5	19:05:55	1.0	Surface	1	1	29.23	8.34	16.13	81.9	5.74	3.3	3.4
HKLR	HY/2011/03	2014-06-20	Mid-Ebb	Fine	CS(Mf)5	19:06:45	1.0	Surface	1	2	29.32	8.32	16.53	84.7	5.92	3.3	3.1
HKLR	HY/2011/03	2014-06-20	Mid-Ebb	Fine	CS(Mf)5	19:05:44	5.9	Middle	2	1	28.64	8.32	23.41	73.9	5.02	3.5	3.3
HKLR	HY/2011/03	2014-06-20	Mid-Ebb	Fine	CS(Mf)5	19:06:30	5.9	Middle	2	2	28.64	8.32	23.39	74	5.03	3.3	2.9
HKLR	HY/2011/03	2014-06-20	Mid-Ebb	Fine	CS(Mf)5	19:06:16	10.8	Bottom	3	1	28.39	8.31	26.67	74.9	5.02	4.6	4.2
HKLR	HY/2011/03	2014-06-20	Mid-Ebb	Fine	CS(Mf)5	19:05:29	10.8	Bottom	3	2	28.37	8.31	26.71	73.9	4.95	4.5	3.4
HKLR	HY/2011/03	2014-06-20	Mid-Flood	Rainy	IS5	13:40:40	1.0	Surface	1	1	29.5	8.37	19.01	89.4	6.14	7.1	13.4
HKLR	HY/2011/03	2014-06-20	Mid-Flood	Rainy	IS5	13:39:58	1.0	Surface	1	2	29.48	8.37	19.02	88.4	6.07	7	13.2
HKLR	HY/2011/03	2014-06-20	Mid-Flood	Rainy	IS5	13:39:47	4.4	Middle	2	1	29.16	8.27	20.44	78.6	5.39	9.1	13.9
HKLR	HY/2011/03	2014-06-20	Mid-Flood	Rainy	IS5	13:40:27	4.4	Middle	2	2	29.13	8.27	20.61	77.7	5.32	9.1	13.4
HKLR	HY/2011/03	2014-06-20	Mid-Flood	Rainy	IS5	13:40:16	7.7	Bottom	3	1	28.86	8.27	22.84	79.9	5.43	9.5	14
HKLR	HY/2011/03	2014-06-20	Mid-Flood	Rainy	IS5	13:39:34	7.7	Bottom	3	2	28.89	8.28	22.92	82	5.57	9.3	13.6

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-06-20	Mid-Flood	Rainy	IS(Mf)6	13:31:52	1.0	Surface	1	1	29.7	8.62	17.92	135.4	9.32	4.8	4
HKLR	HY/2011/03	2014-06-20	Mid-Flood	Rainy	IS(Mf)6	13:31:31	1.0	Surface	1	2	29.74	8.65	17.88	134.8	9.25	4.5	4.3
HKLR	HY/2011/03	2014-06-20	Mid-Flood	Rainy	IS(Mf)6	13:31:42	2.1	Bottom	3	1	29.52	8.47	18.91	128.6	8.85	4.6	4.3
HKLR	HY/2011/03	2014-06-20	Mid-Flood	Rainy	IS(Mf)6	13:31:20	2.1	Bottom	3	2	29.62	8.53	18.91	128.8	8.84	4.5	4.2
HKLR	HY/2011/03	2014-06-20	Mid-Flood	Rainy	IS7	13:24:49	1.0	Surface	1	1	29.57	8.53	18.2	121.8	8.39	4.5	3.4
HKLR	HY/2011/03	2014-06-20	Mid-Flood	Rainy	IS7	13:25:07	1.0	Surface	1	2	29.6	8.56	18.12	125.7	8.66	4.4	3.9
HKLR	HY/2011/03	2014-06-20	Mid-Flood	Rainy	IS7	13:24:55	2.0	Bottom	3	1	29.5	8.5	18.4	121.9	8.4	4.5	6.3
HKLR	HY/2011/03	2014-06-20	Mid-Flood	Rainy	IS7	13:24:39	2.0	Bottom	3	2	29.49	8.48	18.42	122.9	8.47	4.5	7.3
HKLR	HY/2011/03	2014-06-20	Mid-Flood	Rainy	IS8	13:01:39	1.0	Surface	1	1	29.15	8.27	17.91	84.1	5.85	6.6	4.5
HKLR	HY/2011/03	2014-06-20	Mid-Flood	Rainy	IS8	13:01:18	1.0	Surface	1	2	29.14	8.27	17.97	83.4	5.79	6.5	3.9
HKLR	HY/2011/03	2014-06-20	Mid-Flood	Rainy	IS8	13:01:09	3.0	Bottom	3	1	29.09	8.26	18.36	83.2	5.77	6.6	4.1
HKLR	HY/2011/03	2014-06-20	Mid-Flood	Rainy	IS8	13:01:26	3.0	Bottom	3	2	29.11	8.26	18.29	83.6	5.8	6.5	5
HKLR	HY/2011/03	2014-06-20	Mid-Flood	Rainy	IS(Mf)9	13:18:31	1.0	Surface	1	1	29.31	8.35	18.15	96.3	6.66	7.5	5.2
HKLR	HY/2011/03	2014-06-20	Mid-Flood	Rainy	IS(Mf)9	13:18:44	1.0	Surface	1	2	29.31	8.35	18.3	96.4	6.67	7.5	5
HKLR	HY/2011/03	2014-06-20	Mid-Flood	Rainy	IS(Mf)9	13:18:24	2.7	Bottom	3	1	29.3	8.34	19.1	96.6	6.66	7.3	5.8
HKLR	HY/2011/03	2014-06-20	Mid-Flood	Rainy	IS(Mf)9	13:18:37	2.7	Bottom	3	2	29.31	8.34	18.54	96.6	6.67	7.3	5.1
HKLR	HY/2011/03	2014-06-20	Mid-Flood	Rainy	IS10	12:48:14	1.0	Surface	1	1	29.14	8.15	15.99	84.5	5.94	4.1	2.8
HKLR	HY/2011/03	2014-06-20	Mid-Flood	Rainy	IS10	12:49:07	1.0	Surface	1	2	29.14	8.15	16.07	84.6	5.94	4.1	3.1
HKLR	HY/2011/03	2014-06-20	Mid-Flood	Rainy	IS10	12:48:49	5.2	Middle	2	1	28.79	8.13	20.22	77.1	5.32	8.7	3.3
HKLR	HY/2011/03	2014-06-20	Mid-Flood	Rainy	IS10	12:47:57	5.2	Middle	2	2	28.84	8.14	19.84	77.6	5.36	8.7	3.1
HKLR	HY/2011/03	2014-06-20	Mid-Flood	Rainy	IS10	12:47:44	9.3	Bottom	3	1	28.68	8.12	21.69	75.8	5.2	7.7	2.7
HKLR	HY/2011/03	2014-06-20	Mid-Flood	Rainy	IS10	12:48:39	9.3	Bottom	3	2	28.67	8.1	21.95	77.6	5.32	7.8	3.4
HKLR	HY/2011/03	2014-06-20	Mid-Flood	Rainy	SR3	13:49:14	0.7	Middle	2	1	29.56	8.35	18.96	103	7.07	5.5	4.5
HKLR	HY/2011/03	2014-06-20	Mid-Flood	Rainy	SR3	13:49:20	0.7	Middle	2	2	29.56	8.37	18.97	104.2	7.15	5.7	4.2
HKLR	HY/2011/03	2014-06-20	Mid-Flood	Rainy	SR4	13:08:18	1.0	Surface	1	1	29.17	8.24	18.47	81.5	5.65	15.2	11
HKLR	HY/2011/03	2014-06-20	Mid-Flood	Rainy	SR4	13:08:33	1.0	Surface	1	2	29.14	8.24	18.59	80.7	5.59	15.2	11
HKLR	HY/2011/03	2014-06-20	Mid-Flood	Rainy	SR4	13:08:24	2.7	Bottom	3	1	29.12	8.23	18.77	81.6	5.65	15.2	12.2
HKLR	HY/2011/03	2014-06-20	Mid-Flood	Rainy	SR4	13:08:09	2.7	Bottom	3	2	29.15	8.23	18.67	80.9	5.6	15.4	12.8
HKLR	HY/2011/03	2014-06-20	Mid-Flood	Rainy	SR5	12:55:58	1.0	Surface	1	1	29.09	8.13	16.11	87.3	6.13	2.8	3.7
HKLR	HY/2011/03	2014-06-20	Mid-Flood	Rainy	SR5	12:55:41	1.0	Surface	1	2	29.14	8.13	15.95	88	6.19	2.5	3.7
HKLR	HY/2011/03	2014-06-20	Mid-Flood	Rainy	SR5	12:55:30	3.8	Bottom	3	1	29.08	8.09	18.94	88.2	6.1	3	5.7
HKLR	HY/2011/03	2014-06-20	Mid-Flood	Rainy	SR5	12:55:50	3.8	Bottom	3	2	29.05	8.09	18.76	87.7	6.07	2.8	5.5
HKLR	HY/2011/03	2014-06-20	Mid-Flood	Rainy	SR10A	12:02:54	1.0	Surface	1	1	29.06	8.2	18.3	80.1	5.56	2.2	4.5
HKLR	HY/2011/03	2014-06-20	Mid-Flood	Rainy	SR10A	12:03:25	1.0	Surface	1	2	29.09	8.2	18.28	80.1	5.56	2.2	4.2
HKLR	HY/2011/03	2014-06-20	Mid-Flood	Rainy	SR10A	12:03:13	3.4	Middle	2	1	28.92	8.21	19.98	78.7	5.43	2.2	7.8
HKLR	HY/2011/03	2014-06-20	Mid-Flood	Rainy	SR10A	12:02:46	3.4	Middle	2	2	28.96	8.2	19.64	79.3	5.48	2.3	7.5
HKLR	HY/2011/03	2014-06-20	Mid-Flood	Rainy	SR10A	12:03:06	5.7	Bottom	3	1	28.92	8.2	20.79	79.4	5.45	2.3	8.8
HKLR	HY/2011/03	2014-06-20	Mid-Flood	Rainy	SR10A	12:02:37	5.7	Bottom	3	2	28.99	8.18	20.6	80	5.49	2.2	9.4
HKLR	HY/2011/03	2014-06-20	Mid-Flood	Rainy	SR10B	11:57:56	1.0	Surface	1	1	28.77	8.19	21	77.4	5.32	3.4	13
HKLR	HY/2011/03	2014-06-20	Mid-Flood	Rainy	SR10B	11:57:35	1.0	Surface	1	2	28.7	8.18	21.27	76.4	5.25	3.5	14.1
HKLR	HY/2011/03	2014-06-20	Mid-Flood	Rainy	SR10B	11:57:44	3.8	Bottom	3	1	28.66	8.18	23.05	76.6	5.22	3.5	17.8
HKLR	HY/2011/03	2014-06-20	Mid-Flood	Rainy	SR10B	11:57:27	3.8	Bottom	3	2	28.66	8.17	23.19	76.5	5.2	3.6	16.9
HKLR	HY/2011/03	2014-06-20	Mid-Flood	Rainy	CS2	14:06:17	1.0	Surface	1	1	29.26	8.13	13.85	83.4	5.91	5.8	3.3
HKLR	HY/2011/03	2014-06-20	Mid-Flood	Rainy	CS2	14:07:07	1.0	Surface	1	2	29.28	8.13	14.01	84.9	6.02	5.5	3.7
HKLR	HY/2011/03	2014-06-20	Mid-Flood	Rainy	CS2	14:06:02	3.7	Middle	2	1	28.98	8.08	18.23	77.2	5.37	7.5	5
HKLR	HY/2011/03	2014-06-20	Mid-Flood	Rainy	CS2	14:06:47	3.7	Middle	2	2	28.82	8.07	20.65	77.1	5.31	7.4	4.9
HKLR	HY/2011/03	2014-06-20	Mid-Flood	Rainy	CS2	14:06:27	6.3	Bottom	3	1	28.81	8.02	21.76	81.3	5.56	8.4	5.7
HKLR	HY/2011/03	2014-06-20	Mid-Flood	Rainy	CS2	14:05:45	6.3	Bottom	3	2	28.67	8.03	21.85	77.3	5.3	8.7	5.4
HKLR	HY/2011/03	2014-06-20	Mid-Flood	Rainy	CS(Mf)5	12:31:23	1.0	Surface	1	1	29.04	8.28	17.61	75.6	5.27	4.7	3.6
HKLR	HY/2011/03	2014-06-20	Mid-Flood	Rainy	CS(Mf)5	12:30:46	1.0	Surface	1	2	29.02	8.27	17.57	75	5.23	4.8	3.8
HKLR	HY/2011/03	2014-06-20	Mid-Flood	Rainy	CS(Mf)5	12:31:13	6.4	Middle	2	1	28.73	8.28	21.57	74.7	5	5.4	4.7
HKLR	HY/2011/03	2014-06-20	Mid-Flood	Rainy	CS(Mf)5	12:30:36	6.4	Middle	2	2	28.67	8.28	21.94	74.8	5	5.5	4.7
HKLR	HY/2011/03	2014-06-20	Mid-Flood	Rainy	CS(Mf)5	12:30:59	11.7	Bottom	3	1	28.57	8.27	26.74	71.5	4.91	5.5	5.8
HKLR	HY/2011/03	2014-06-20	Mid-Flood	Rainy	CS(Mf)5	12:30:24	11.7	Bottom	3	2	28.59	8.25	26.75	71.4	4.89	5.3	5.9
HKLR	HY/2011/03	2014-06-23	Mid-Ebb	Cloudy	IS5	11:51:47	1.0	Surface	1	1	28.49	8.35	16.22	72.8	5.17	11.6	3.8
HKLR	HY/2011/03	2014-06-23	Mid-Ebb	Cloudy	IS5	11:51:08	1.0	Surface	1	2	28.51	8.33	17.09	74.7	5.27	11.5	3
HKLR	HY/2011/03	2014-06-23	Mid-Ebb	Cloudy	IS5	11:51:31	4.2	Middle	2	1	28.38	8.35	25.45	72.4	5.12	11.7	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
HKLR	HY/2011/03	2014-06-23	Mid-Ebb	Cloudy	IS5	11:50:44	4.2	Middle	2	2	28.33	8.34	26.73	74.2	5.23	11.4	3.7
HKLR	HY/2011/03	2014-06-23	Mid-Ebb	Cloudy	IS5	11:51:22	7.3	Bottom	3	1	28.37	8.33	27.34	69.1	4.62	11.4	4.9
HKLR	HY/2011/03	2014-06-23	Mid-Ebb	Cloudy	IS5	11:50:37	7.3	Bottom	3	2	28.37	8.31	27.33	72.3	4.83	11.5	5.1
HKLR	HY/2011/03	2014-06-23	Mid-Ebb	Cloudy	IS(Mf)6	11:43:45	1.0	Surface	1	1	28.73	8.28	17.8	79.1	5.54	14.5	4.7
HKLR	HY/2011/03	2014-06-23	Mid-Ebb	Cloudy	IS(Mf)6	11:44:04	1.0	Surface	1	2	28.73	8.29	17.65	77.1	5.4	14.1	4.1
HKLR	HY/2011/03	2014-06-23	Mid-Ebb	Cloudy	IS(Mf)6	11:43:36	2.0	Bottom	3	1	28.74	8.28	17.89	80.8	5.65	14.6	5.1
HKLR	HY/2011/03	2014-06-23	Mid-Ebb	Cloudy	IS(Mf)6	11:43:52	2.0	Bottom	3	2	28.71	8.28	19.25	77.8	5.41	14.5	5
HKLR	HY/2011/03	2014-06-23	Mid-Ebb	Cloudy	IS7	11:35:35	1.0	Surface	1	1	28.7	8.26	16.68	77.3	5.45	15	3.6
HKLR	HY/2011/03	2014-06-23	Mid-Ebb	Cloudy	IS7	11:35:54	1.0	Surface	1	2	28.74	8.23	17.77	75.8	5.31	15.1	3
HKLR	HY/2011/03	2014-06-23	Mid-Ebb	Cloudy	IS7	11:35:23	2.1	Bottom	3	1	28.78	8.2	18.33	76.3	5.32	14.8	3.4
HKLR	HY/2011/03	2014-06-23	Mid-Ebb	Cloudy	IS7	11:35:42	2.1	Bottom	3	2	28.78	8.22	18.71	75.9	5.28	14.9	3.6
HKLR	HY/2011/03	2014-06-23	Mid-Ebb	Cloudy	IS8	11:11:15	1.0	Surface	1	1	28.78	8.26	17.46	73.6	5.16	9.4	6
HKLR	HY/2011/03	2014-06-23	Mid-Ebb	Cloudy	IS8	11:11:41	1.0	Surface	1	2	28.79	8.25	17.77	73.7	5.16	9.4	6
HKLR	HY/2011/03	2014-06-23	Mid-Ebb	Cloudy	IS8	11:11:25	3.0	Bottom	3	1	28.77	8.2	20.62	72.6	5	9.2	6.3
HKLR	HY/2011/03	2014-06-23	Mid-Ebb	Cloudy	IS8	11:10:59	3.0	Bottom	3	2	28.71	8.19	19.84	72.6	5.03	9.4	5.4
HKLR	HY/2011/03	2014-06-23	Mid-Ebb	Cloudy	IS(Mf)9	11:27:40	1.0	Surface	1	1	28.61	8.31	16.18	81.9	5.8	13.1	4.3
HKLR	HY/2011/03	2014-06-23	Mid-Ebb	Cloudy	IS(Mf)9	11:27:58	1.0	Surface	1	2	28.65	8.3	16.23	83.3	5.89	12.5	5.1
HKLR	HY/2011/03	2014-06-23	Mid-Ebb	Cloudy	IS(Mf)9	11:27:48	2.6	Bottom	3	1	28.69	8.28	17.98	84.2	5.89	13.1	4.8
HKLR	HY/2011/03	2014-06-23	Mid-Ebb	Cloudy	IS(Mf)9	11:27:15	2.6	Bottom	3	2	28.72	8.22	20.8	80.6	5.55	13.2	3.5
HKLR	HY/2011/03	2014-06-23	Mid-Ebb	Cloudy	IS10	10:25:32	1.0	Surface	1	1	29.05	8.12	15.4	92.7	6.54	3.6	4
HKLR	HY/2011/03	2014-06-23	Mid-Ebb	Cloudy	IS10	10:24:33	1.0	Surface	1	2	29	8.12	15.37	92.7	6.55	3.6	5.1
HKLR	HY/2011/03	2014-06-23	Mid-Ebb	Cloudy	IS10	10:25:21	5.8	Middle	2	1	28.7	8.09	18.35	85	5.94	6	3.8
HKLR	HY/2011/03	2014-06-23	Mid-Ebb	Cloudy	IS10	10:24:15	5.8	Middle	2	2	28.5	8.08	19.62	84	5.85	5.9	3.8
HKLR	HY/2011/03	2014-06-23	Mid-Ebb	Cloudy	IS10	10:23:30	10.6	Bottom	3	1	27.9	8.02	22.75	77.8	5.37	5.6	4.7
HKLR	HY/2011/03	2014-06-23	Mid-Ebb	Cloudy	IS10	10:25:04	10.6	Bottom	3	2	28	8.02	21.91	79	5.47	5.7	3.6
HKLR	HY/2011/03	2014-06-23	Mid-Ebb	Cloudy	SR3	11:56:25	0.7	Middle	2	1	28.49	8.3	16.04	80.8	5.73	8.4	4.4
HKLR	HY/2011/03	2014-06-23	Mid-Ebb	Cloudy	SR3	11:56:20	0.7	Middle	2	2	28.49	8.29	16.09	80.2	5.69	8.5	5.4
HKLR	HY/2011/03	2014-06-23	Mid-Ebb	Cloudy	SR4	11:17:10	1.0	Surface	1	1	28.54	8.25	14.95	77.6	5.54	8.4	4
HKLR	HY/2011/03	2014-06-23	Mid-Ebb	Cloudy	SR4	11:17:31	1.0	Surface	1	2	28.42	8.27	14.77	78.3	5.61	8.7	3.9
HKLR	HY/2011/03	2014-06-23	Mid-Ebb	Cloudy	SR4	11:17:18	2.8	Bottom	3	1	28.61	8.21	19.36	78.7	5.48	9.6	3.5
HKLR	HY/2011/03	2014-06-23	Mid-Ebb	Cloudy	SR4	11:17:03	2.8	Bottom	3	2	28.54	8.22	19.96	80.7	5.6	9.5	3.8
HKLR	HY/2011/03	2014-06-23	Mid-Ebb	Cloudy	SR5	10:36:42	1.0	Surface	1	1	29.09	8.12	15.32	98.2	6.94	2.8	3.8
HKLR	HY/2011/03	2014-06-23	Mid-Ebb	Cloudy	SR5	10:37:18	1.0	Surface	1	2	29	8.11	15.59	97	6.85	3	3.4
HKLR	HY/2011/03	2014-06-23	Mid-Ebb	Cloudy	SR5	10:36:21	4.5	Bottom	3	1	28.81	8.08	18.59	97.2	6.77	3.1	4.6
HKLR	HY/2011/03	2014-06-23	Mid-Ebb	Cloudy	SR5	10:36:50	4.5	Bottom	3	2	28.81	8.07	19.63	96.7	6.69	3	4.8
HKLR	HY/2011/03	2014-06-23	Mid-Ebb	Cloudy	SR10A	09:48:06	1.0	Surface	1	1	28.51	8.27	18.94	79.9	5.58	2.9	2.3
HKLR	HY/2011/03	2014-06-23	Mid-Ebb	Cloudy	SR10A	09:48:31	1.0	Surface	1	2	28.51	8.28	19.77	79.9	5.55	2.8	3.3
HKLR	HY/2011/03	2014-06-23	Mid-Ebb	Cloudy	SR10A	09:48:21	3.2	Middle	2	1	28.5	8.27	20.05	79.8	5.54	2.8	4.9
HKLR	HY/2011/03	2014-06-23	Mid-Ebb	Cloudy	SR10A	09:48:01	3.2	Middle	2	2	28.48	8.27	20.25	79.9	5.54	2.9	3.2
HKLR	HY/2011/03	2014-06-23	Mid-Ebb	Cloudy	SR10A	09:47:54	5.4	Bottom	3	1	28.51	8.26	20.35	80.2	5.56	2.8	3.8
HKLR	HY/2011/03	2014-06-23	Mid-Ebb	Cloudy	SR10A	09:48:14	5.4	Bottom	3	2	28.52	8.26	20.1	80	5.55	2.8	5.2
HKLR	HY/2011/03	2014-06-23	Mid-Ebb	Cloudy	SR10B	09:39:56	1.0	Surface	1	1	28.33	8.27	19.9	74.5	5.19	3.4	4.7
HKLR	HY/2011/03	2014-06-23	Mid-Ebb	Cloudy	SR10B	09:40:15	1.0	Surface	1	2	28.46	8.27	19.52	77.9	5.43	3.5	4.2
HKLR	HY/2011/03	2014-06-23	Mid-Ebb	Cloudy	SR10B	09:40:05	3.9	Bottom	3	1	28.37	8.25	21.59	76.5	5.27	3.4	4.1
HKLR	HY/2011/03	2014-06-23	Mid-Ebb	Cloudy	SR10B	09:39:49	3.9	Bottom	3	2	28.23	8.25	23.21	74.5	5.1	3.6	4.3
HKLR	HY/2011/03	2014-06-23	Mid-Ebb	Cloudy	CS2	11:32:36	1.0	Surface	1	1	29.14	8.12	12.99	92.5	6.61	4.4	4.3
HKLR	HY/2011/03	2014-06-23	Mid-Ebb	Cloudy	CS2	11:33:15	1.0	Surface	1	2	29.07	8.11	13.16	92.8	6.64	4.3	3.2
HKLR	HY/2011/03	2014-06-23	Mid-Ebb	Cloudy	CS2	11:32:30	4.1	Middle	2	1	28.85	8.08	15.63	87.5	6.2	5.3	3.9
HKLR	HY/2011/03	2014-06-23	Mid-Ebb	Cloudy	CS2	11:33:06	4.1	Middle	2	2	28.73	8.05	18.41	87.1	6.09	5.2	3.7
HKLR	HY/2011/03	2014-06-23	Mid-Ebb	Cloudy	CS2	11:32:22	7.2	Bottom	3	1	28.62	8.03	18.94	85.5	5.97	5.9	2.9
HKLR	HY/2011/03	2014-06-23	Mid-Ebb	Cloudy	CS2	11:32:49	7.2	Bottom	3	2	28.15	7.99	20.4	86.1	6.01	5.8	3.2
HKLR	HY/2011/03	2014-06-23	Mid-Ebb	Cloudy	CS(Mf)5	10:32:58	1.0	Surface	1	1	28.72	8.31	16.14	74.7	5.28	4.8	3.4
HKLR	HY/2011/03	2014-06-23	Mid-Ebb	Cloudy	CS(Mf)5	10:32:20	1.0	Surface	1	2	28.68	8.31	17.41	73.6	5.17	4.8	4.7
HKLR	HY/2011/03	2014-06-23	Mid-Ebb	Cloudy	CS(Mf)5	10:32:44	6.2	Middle	2	1	28.37	8.33	21	73.8	5.18	5.2	5.1
HKLR	HY/2011/03	2014-06-23	Mid-Ebb	Cloudy	CS(Mf)5	10:32:07	6.2	Middle	2	2	28.44	8.33	20.69	73.1	5.11	5	4.8
HKLR	HY/2011/03	2014-06-23	Mid-Ebb	Cloudy	CS(Mf)5	10:31:56	11.4	Bottom	3	1	28.26	8.29	26.96	71.9	4.83	5.4	3.3
HKLR	HY/2011/03	2014-06-23	Mid-Ebb	Cloudy	CS(Mf)5	10:32:34	11.4	Bottom	3	2	28.28	8.29	27.14	71.7	4.81	5.3	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
HKLR	HY/2011/03	2014-06-23	Mid-Flood	Cloudy	IS5	15:33:01	1.0	Surface	1	1	28.86	8.35	17.19	77.9	5.46	11.4	3.8
HKLR	HY/2011/03	2014-06-23	Mid-Flood	Cloudy	IS5	15:32:27	1.0	Surface	1	2	28.84	8.33	17.28	76	5.33	11.3	2.8
HKLR	HY/2011/03	2014-06-23	Mid-Flood	Cloudy	IS5	15:32:17	4.2	Middle	2	1	28.68	8.28	19.22	74.1	5.05	11.4	4
HKLR	HY/2011/03	2014-06-23	Mid-Flood	Cloudy	IS5	15:32:49	4.2	Middle	2	2	28.71	8.29	19.5	74	5.04	11.3	3.6
HKLR	HY/2011/03	2014-06-23	Mid-Flood	Cloudy	IS5	15:32:10	7.4	Bottom	3	1	28.64	8.26	23.06	69	4.8	11.5	4
HKLR	HY/2011/03	2014-06-23	Mid-Flood	Cloudy	IS5	15:32:39	7.4	Bottom	3	2	28.65	8.27	23.03	69.2	4.8	11.5	4
HKLR	HY/2011/03	2014-06-23	Mid-Flood	Cloudy	IS(Mf)6	15:42:01	1.0	Surface	1	1	28.91	8.35	17.17	83.9	5.88	18.6	3.9
HKLR	HY/2011/03	2014-06-23	Mid-Flood	Cloudy	IS(Mf)6	15:41:45	1.0	Surface	1	2	28.93	8.34	17.56	88.9	6.22	18.8	5.4
HKLR	HY/2011/03	2014-06-23	Mid-Flood	Cloudy	IS(Mf)6	15:41:52	2.0	Bottom	3	1	28.89	8.31	19.08	86.5	6	18.8	5.1
HKLR	HY/2011/03	2014-06-23	Mid-Flood	Cloudy	IS(Mf)6	15:41:31	2.0	Bottom	3	2	28.97	8.35	17.76	91.7	6.4	18.4	4.4
HKLR	HY/2011/03	2014-06-23	Mid-Flood	Cloudy	IS7	15:49:20	1.0	Surface	1	1	28.92	8.35	17.29	89.7	6.28	17.6	4.6
HKLR	HY/2011/03	2014-06-23	Mid-Flood	Cloudy	IS7	15:49:36	1.0	Surface	1	2	28.95	8.37	16.97	92.2	6.46	17.7	4
HKLR	HY/2011/03	2014-06-23	Mid-Flood	Cloudy	IS7	15:49:26	2.1	Bottom	3	1	28.93	8.36	17.14	90.4	6.33	17.7	3.7
HKLR	HY/2011/03	2014-06-23	Mid-Flood	Cloudy	IS7	15:49:12	2.1	Bottom	3	2	28.95	8.36	18.09	93.2	6.49	17.5	4.7
HKLR	HY/2011/03	2014-06-23	Mid-Flood	Cloudy	IS8	16:16:30	1.0	Surface	1	1	28.95	8.31	16.82	76.6	5.37	10.6	3.4
HKLR	HY/2011/03	2014-06-23	Mid-Flood	Cloudy	IS8	16:16:53	1.0	Surface	1	2	28.96	8.31	16.77	79.2	5.56	10.4	3.1
HKLR	HY/2011/03	2014-06-23	Mid-Flood	Cloudy	IS8	16:16:16	3.0	Bottom	3	1	28.85	8.24	20.28	76.6	5.28	10.4	4.5
HKLR	HY/2011/03	2014-06-23	Mid-Flood	Cloudy	IS8	16:16:39	3.0	Bottom	3	2	28.92	8.28	20.24	80.7	5.56	10.8	5.4
HKLR	HY/2011/03	2014-06-23	Mid-Flood	Cloudy	IS(Mf)9	15:58:00	1.0	Surface	1	1	28.91	8.36	17.15	87.7	6.14	11.6	4.5
HKLR	HY/2011/03	2014-06-23	Mid-Flood	Cloudy	IS(Mf)9	15:58:23	1.0	Surface	1	2	28.9	8.35	17.08	84.1	5.9	11.4	4.7
HKLR	HY/2011/03	2014-06-23	Mid-Flood	Cloudy	IS(Mf)9	15:58:12	2.6	Bottom	3	1	28.77	8.29	18.74	83.1	5.78	11.6	4.4
HKLR	HY/2011/03	2014-06-23	Mid-Flood	Cloudy	IS(Mf)9	15:57:48	2.6	Bottom	3	2	28.86	8.33	18.16	87.4	6.09	11.5	4
HKLR	HY/2011/03	2014-06-23	Mid-Flood	Cloudy	IS10	16:44:38	1.0	Surface	1	1	29.14	8.15	12.8	93.7	6.7	2.7	3.7
HKLR	HY/2011/03	2014-06-23	Mid-Flood	Cloudy	IS10	16:45:48	1.0	Surface	1	2	29.2	8.16	12.6	93.9	6.71	2.8	3.5
HKLR	HY/2011/03	2014-06-23	Mid-Flood	Cloudy	IS10	16:45:31	5.7	Middle	2	1	28.58	8.05	18.98	84.9	5.91	3.2	5.1
HKLR	HY/2011/03	2014-06-23	Mid-Flood	Cloudy	IS10	16:44:19	5.7	Middle	2	2	28.59	8.05	18.35	84.5	5.91	3.1	3.9
HKLR	HY/2011/03	2014-06-23	Mid-Flood	Cloudy	IS10	16:43:49	10.3	Bottom	3	1	27.58	7.97	23.61	75.8	5.25	3.9	3.9
HKLR	HY/2011/03	2014-06-23	Mid-Flood	Cloudy	IS10	16:44:59	10.3	Bottom	3	2	27.54	7.97	23.81	76.3	5.27	4.1	3.5
HKLR	HY/2011/03	2014-06-23	Mid-Flood	Cloudy	SR3	15:21:17	0.6	Middle	2	1	28.86	8.28	17.47	89.3	6.25	8.2	5.8
HKLR	HY/2011/03	2014-06-23	Mid-Flood	Cloudy	SR3	15:21:23	0.6	Middle	2	2	28.86	8.28	17.45	88.4	6.19	8.2	5.8
HKLR	HY/2011/03	2014-06-23	Mid-Flood	Cloudy	SR4	16:11:14	1.0	Surface	1	1	28.91	8.31	16.88	82.3	5.78	11.4	6.5
HKLR	HY/2011/03	2014-06-23	Mid-Flood	Cloudy	SR4	16:11:03	1.0	Surface	1	2	28.91	8.31	17.06	82.3	5.77	11.7	5.2
HKLR	HY/2011/03	2014-06-23	Mid-Flood	Cloudy	SR4	16:10:54	2.7	Bottom	3	1	28.92	8.3	17.8	82.5	5.76	11.6	6.5
HKLR	HY/2011/03	2014-06-23	Mid-Flood	Cloudy	SR4	16:11:08	2.7	Bottom	3	2	28.92	8.31	18.09	83	5.78	11.5	6.5
HKLR	HY/2011/03	2014-06-23	Mid-Flood	Cloudy	SR5	16:31:48	1.0	Surface	1	1	29.09	8.13	12.84	95.3	6.82	2.7	4.7
HKLR	HY/2011/03	2014-06-23	Mid-Flood	Cloudy	SR5	16:32:24	1.0	Surface	1	2	29.13	8.13	12.89	96.8	6.92	2.7	4.4
HKLR	HY/2011/03	2014-06-23	Mid-Flood	Cloudy	SR5	16:31:34	4.5	Bottom	3	1	28.71	8.06	17.71	92	6.45	3	3.9
HKLR	HY/2011/03	2014-06-23	Mid-Flood	Cloudy	SR5	16:32:07	4.5	Bottom	3	2	28.72	8.05	17.69	92.7	6.5	3	4
HKLR	HY/2011/03	2014-06-23	Mid-Flood	Cloudy	SR10A	17:36:51	1.0	Surface	1	1	28.32	8.36	24.03	72.7	5.11	5.2	4.3
HKLR	HY/2011/03	2014-06-23	Mid-Flood	Cloudy	SR10A	17:36:19	1.0	Surface	1	2	28.26	8.36	24.25	72.7	5.11	5.3	4.1
HKLR	HY/2011/03	2014-06-23	Mid-Flood	Cloudy	SR10A	17:36:40	3.4	Middle	2	1	28.22	8.36	25.1	72.3	5.07	5.5	4.4
HKLR	HY/2011/03	2014-06-23	Mid-Flood	Cloudy	SR10A	17:36:12	3.4	Middle	2	2	28.22	8.36	25.04	72.7	5.09	5.5	4.9
HKLR	HY/2011/03	2014-06-23	Mid-Flood	Cloudy	SR10A	17:36:32	5.7	Bottom	3	1	28.22	8.36	25.13	72.4	5.07	5.4	5
HKLR	HY/2011/03	2014-06-23	Mid-Flood	Cloudy	SR10A	17:36:05	5.7	Bottom	3	2	28.25	8.36	24.95	72.8	5.1	5.3	4.7
HKLR	HY/2011/03	2014-06-23	Mid-Flood	Cloudy	SR10B	17:46:23	1.0	Surface	1	1	28.29	8.35	24.4	72.2	5.07	5.3	4.4
HKLR	HY/2011/03	2014-06-23	Mid-Flood	Cloudy	SR10B	17:46:02	1.0	Surface	1	2	28.27	8.36	24.55	72.1	5.06	5.5	4.1
HKLR	HY/2011/03	2014-06-23	Mid-Flood	Cloudy	SR10B	17:46:10	4.1	Bottom	3	1	28.24	8.35	24.99	72	5.04	5.6	2.8
HKLR	HY/2011/03	2014-06-23	Mid-Flood	Cloudy	SR10B	17:45:53	4.1	Bottom	3	2	28.27	8.35	24.83	72.2	5.06	5.6	2.8
HKLR	HY/2011/03	2014-06-23	Mid-Flood	Cloudy	CS2	15:25:42	1.0	Surface	1	1	29.11	8.1	12.71	93.2	6.67	4	4.7
HKLR	HY/2011/03	2014-06-23	Mid-Flood	Cloudy	CS2	15:26:33	1.0	Surface	1	2	29.16	8.13	12.33	93.2	6.68	3.8	4.2
HKLR	HY/2011/03	2014-06-23	Mid-Flood	Cloudy	CS2	15:26:17	4.2	Middle	2	1	28.71	8.04	16.06	81.1	5.73	5.7	3.7
HKLR	HY/2011/03	2014-06-23	Mid-Flood	Cloudy	CS2	15:25:19	4.2	Middle	2	2	28.27	7.99	18.3	79.4	5.58	5.6	3.5
HKLR	HY/2011/03	2014-06-23	Mid-Flood	Cloudy	CS2	15:24:41	7.3	Bottom	3	1	27.76	7.92	23.62	77.2	5.32	6.1	3
HKLR	HY/2011/03	2014-06-23	Mid-Flood	Cloudy	CS2	15:26:01	7.3	Bottom	3	2	27.62	7.93	23.63	79.1	5.46	6.5	4.1
HKLR	HY/2011/03	2014-06-23	Mid-Flood	Cloudy	CS(Mf)5	17:02:29	1.0	Surface	1	1	28.93	8.36	16.71	76.6	5.38	4.3	2.5
HKLR	HY/2011/03	2014-06-23	Mid-Flood	Cloudy	CS(Mf)5	17:03:18	1.0	Surface	1	2	28.94	8.36	16.74	78	5.48	4.1	2.7
HKLR	HY/2011/03	2014-06-23	Mid-Flood	Cloudy	CS(Mf)5	17:02:54	6.4	Middle	2	1	28.07	8.33	26.39	74.2	5.12	5.6	2.4

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-06-23	Mid-Flood	Cloudy	CS(Mf)5	17:02:08	6.4	Middle	2	2	28.03	8.35	26.71	74.1	5.1	5.5	2.2
HKLR	HY/2011/03	2014-06-23	Mid-Flood	Cloudy	CS(Mf)5	17:02:45	11.7	Bottom	3	1	28.02	8.25	29.03	70.5	4.7	5.6	3.1
HKLR	HY/2011/03	2014-06-23	Mid-Flood	Cloudy	CS(Mf)5	17:01:59	11.7	Bottom	3	2	28.11	8.33	28.2	70.1	4.71	5.8	4
HKLR	HY/2011/03	2014-06-25	Mid-Ebb	Cloudy	IS5	13:24:16	1.0	Surface	1	1	28.52	8.18	17.44	93	6.27	4.7	2.8
HKLR	HY/2011/03	2014-06-25	Mid-Ebb	Cloudy	IS5	13:23:11	1.0	Surface	1	2	28.55	8.21	17.32	96.4	6.49	4.8	2.5
HKLR	HY/2011/03	2014-06-25	Mid-Ebb	Cloudy	IS5	13:23:00	4.7	Middle	2	1	28.23	8.17	23.59	91.5	6.36	5	2.7
HKLR	HY/2011/03	2014-06-25	Mid-Ebb	Cloudy	IS5	13:24:07	4.7	Middle	2	2	28.13	8.11	24	88.2	6.13	4.9	2.7
HKLR	HY/2011/03	2014-06-25	Mid-Ebb	Cloudy	IS5	13:23:59	8.3	Bottom	3	1	28.1	8.03	26.72	83.9	5.71	5	2.8
HKLR	HY/2011/03	2014-06-25	Mid-Ebb	Cloudy	IS5	13:22:48	8.3	Bottom	3	2	28.36	8.15	26.6	84.9	5.78	5.3	2.8
HKLR	HY/2011/03	2014-06-25	Mid-Ebb	Cloudy	IS(Mf)6	13:13:02	1.0	Surface	1	1	28.68	8.15	17.34	76.1	5.35	7	4.4
HKLR	HY/2011/03	2014-06-25	Mid-Ebb	Cloudy	IS(Mf)6	13:12:46	1.0	Surface	1	2	28.65	8.15	17.17	74.9	5.2	7	4.2
HKLR	HY/2011/03	2014-06-25	Mid-Ebb	Cloudy	IS(Mf)6	13:12:39	2.4	Bottom	3	1	28.67	8.15	19.44	73.9	5.2	7.3	5.9
HKLR	HY/2011/03	2014-06-25	Mid-Ebb	Cloudy	IS(Mf)6	13:12:50	2.4	Bottom	3	2	28.68	8.15	19.26	74.7	5.19	7.4	6
HKLR	HY/2011/03	2014-06-25	Mid-Ebb	Cloudy	IS7	13:05:14	1.0	Surface	1	1	28.71	8.14	16.9	76.1	5.35	8	8.6
HKLR	HY/2011/03	2014-06-25	Mid-Ebb	Cloudy	IS7	13:05:23	1.0	Surface	1	2	28.73	8.14	17	77.2	5.44	7.8	8.8
HKLR	HY/2011/03	2014-06-25	Mid-Ebb	Cloudy	IS7	13:05:19	2.2	Bottom	3	1	28.7	8.15	16.93	76.5	5.38	8.1	9.5
HKLR	HY/2011/03	2014-06-25	Mid-Ebb	Cloudy	IS7	13:05:10	2.2	Bottom	3	2	28.7	8.13	16.89	75.5	5.31	8	9.4
HKLR	HY/2011/03	2014-06-25	Mid-Ebb	Cloudy	IS8	12:39:46	1.0	Surface	1	1	28.69	8.19	17.17	80.1	5.59	6.1	4.8
HKLR	HY/2011/03	2014-06-25	Mid-Ebb	Cloudy	IS8	12:39:56	1.0	Surface	1	2	28.68	8.19	17.13	80.2	5.58	6	5.1
HKLR	HY/2011/03	2014-06-25	Mid-Ebb	Cloudy	IS8	12:39:50	2.8	Bottom	3	1	28.7	8.19	18.98	78.9	5.55	6.3	6.7
HKLR	HY/2011/03	2014-06-25	Mid-Ebb	Cloudy	IS8	12:39:35	2.8	Bottom	3	2	28.69	8.19	18.68	78.7	5.54	6.4	6.3
HKLR	HY/2011/03	2014-06-25	Mid-Ebb	Cloudy	IS(Mf)9	13:01:10	1.0	Surface	1	1	28.74	7.99	16.86	84	5.84	5.8	8.3
HKLR	HY/2011/03	2014-06-25	Mid-Ebb	Cloudy	IS(Mf)9	13:01:20	1.0	Surface	1	2	28.71	8.05	16.91	83.1	5.78	5.9	8.9
HKLR	HY/2011/03	2014-06-25	Mid-Ebb	Cloudy	IS(Mf)9	13:01:03	2.6	Bottom	3	1	28.73	7.92	17.78	80.1	5.59	5.9	9.7
HKLR	HY/2011/03	2014-06-25	Mid-Ebb	Cloudy	IS(Mf)9	13:01:16	2.6	Bottom	3	2	28.72	8.06	17.81	82	5.73	5.9	9.6
HKLR	HY/2011/03	2014-06-25	Mid-Ebb	Cloudy	IS10	11:58:27	1.0	Surface	1	1	28.69	7.98	13.34	70.9	5.1	4.7	3.1
HKLR	HY/2011/03	2014-06-25	Mid-Ebb	Cloudy	IS10	11:59:17	1.0	Surface	1	2	28.69	7.99	13.26	71.2	5.11	4.8	3
HKLR	HY/2011/03	2014-06-25	Mid-Ebb	Cloudy	IS10	11:58:49	5.2	Middle	2	1	28.53	7.99	17.82	70.8	5.08	8.6	3
HKLR	HY/2011/03	2014-06-25	Mid-Ebb	Cloudy	IS10	11:57:54	5.2	Middle	2	2	28.55	7.97	17.86	70.2	5.03	8.3	3.2
HKLR	HY/2011/03	2014-06-25	Mid-Ebb	Cloudy	IS10	11:57:43	9.4	Bottom	3	1	28.54	7.98	22.21	69.1	4.78	8.6	4
HKLR	HY/2011/03	2014-06-25	Mid-Ebb	Cloudy	IS10	11:58:38	9.4	Bottom	3	2	28.5	7.98	21.84	69.9	4.83	8.9	4
HKLR	HY/2011/03	2014-06-25	Mid-Ebb	Cloudy	SR3	13:30:17	0.8	Middle	2	1	28.64	8.16	17.13	80.9	5.7	4.5	3.8
HKLR	HY/2011/03	2014-06-25	Mid-Ebb	Cloudy	SR3	13:30:20	0.8	Middle	2	2	28.64	8.17	17.14	81.5	5.74	4.7	3.8
HKLR	HY/2011/03	2014-06-25	Mid-Ebb	Cloudy	SR4	12:45:13	1.0	Surface	1	1	28.66	8.17	17.27	80.4	5.6	5.3	5.7
HKLR	HY/2011/03	2014-06-25	Mid-Ebb	Cloudy	SR4	12:45:23	1.0	Surface	1	2	28.67	8.18	17.23	79.4	5.54	5.3	6
HKLR	HY/2011/03	2014-06-25	Mid-Ebb	Cloudy	SR4	12:45:17	2.4	Bottom	3	1	28.68	8.18	18.66	78.7	5.53	5.5	6.8
HKLR	HY/2011/03	2014-06-25	Mid-Ebb	Cloudy	SR4	12:45:08	2.4	Bottom	3	2	28.7	8.17	18.74	79	5.55	5.5	5.8
HKLR	HY/2011/03	2014-06-25	Mid-Ebb	Cloudy	SR5	12:05:37	1.0	Surface	1	1	28.69	7.91	13.04	69.9	5.03	3.8	3.2
HKLR	HY/2011/03	2014-06-25	Mid-Ebb	Cloudy	SR5	12:06:03	1.0	Surface	1	2	28.7	7.91	13.92	70.4	5.04	3.7	3.1
HKLR	HY/2011/03	2014-06-25	Mid-Ebb	Cloudy	SR5	12:05:50	3.7	Bottom	3	1	28.71	7.86	16.05	70	4.95	3.8	3.2
HKLR	HY/2011/03	2014-06-25	Mid-Ebb	Cloudy	SR5	12:05:28	3.7	Bottom	3	2	28.7	7.86	16.33	70.5	4.98	3.6	4.1
HKLR	HY/2011/03	2014-06-25	Mid-Ebb	Cloudy	SR10A	11:13:56	1.0	Surface	1	1	28.59	8.17	17.06	80.5	5.65	3.2	3.2
HKLR	HY/2011/03	2014-06-25	Mid-Ebb	Cloudy	SR10A	11:14:27	1.0	Surface	1	2	28.54	8.14	18.2	80.8	5.64	3.1	2.9
HKLR	HY/2011/03	2014-06-25	Mid-Ebb	Cloudy	SR10A	11:13:48	3.1	Middle	2	1	28.48	8.16	18.49	80.1	5.61	3.2	3
HKLR	HY/2011/03	2014-06-25	Mid-Ebb	Cloudy	SR10A	11:14:23	3.1	Middle	2	2	28.49	8.12	18.27	79.8	5.6	3.1	3.1
HKLR	HY/2011/03	2014-06-25	Mid-Ebb	Cloudy	SR10A	11:13:41	5.2	Bottom	3	1	28.45	8.15	19.46	79.2	5.54	3.2	4.4
HKLR	HY/2011/03	2014-06-25	Mid-Ebb	Cloudy	SR10A	11:14:16	5.2	Bottom	3	2	28.46	8.07	19.32	79.8	5.6	3.2	4.4
HKLR	HY/2011/03	2014-06-25	Mid-Ebb	Cloudy	SR10B	11:07:24	1.0	Surface	1	1	28.55	8.09	18.61	80.6	5.63	3.1	3.2
HKLR	HY/2011/03	2014-06-25	Mid-Ebb	Cloudy	SR10B	11:07:07	1.0	Surface	1	2	28.56	8.08	18.53	81.7	5.7	3.2	3
HKLR	HY/2011/03	2014-06-25	Mid-Ebb	Cloudy	SR10B	11:07:17	3.4	Bottom	3	1	28.55	8.09	18.74	80.3	5.61	3.1	3.1
HKLR	HY/2011/03	2014-06-25	Mid-Ebb	Cloudy	SR10B	11:07:00	3.4	Bottom	3	2	28.6	8.08	18.69	81.1	5.67	3.2	2.8
HKLR	HY/2011/03	2014-06-25	Mid-Ebb	Cloudy	CS2	13:22:19	1.0	Surface	1	1	28.74	8	12.55	73.4	5.29	4.8	2.7
HKLR	HY/2011/03	2014-06-25	Mid-Ebb	Cloudy	CS2	13:21:36	1.0	Surface	1	2	28.74	8.01	12.62	71.3	5.14	5	2.7
HKLR	HY/2011/03	2014-06-25	Mid-Ebb	Cloudy	CS2	13:22:00	4.0	Middle	2	1	28.56	7.96	15.98	70.2	5.05	7.5	2.9
HKLR	HY/2011/03	2014-06-25	Mid-Ebb	Cloudy	CS2	13:21:25	4.0	Middle	2	2	28.67	7.95	16.64	70.8	5.1	7.6	3.5
HKLR	HY/2011/03	2014-06-25	Mid-Ebb	Cloudy	CS2	13:21:13	7.0	Bottom	3	1	28.55	7.86	21.23	68.9	4.91	7.5	3.9
HKLR	HY/2011/03	2014-06-25	Mid-Ebb	Cloudy	CS2	13:21:47	7.0	Bottom	3	2	28.58	7.89	21.39	68.6	4.9	7.5	4

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-06-25	Mid-Ebb	Cloudy	CS(Mf)5	12:01:50	1.0	Surface	1	1	28.69	8.22	15.81	83.3	5.85	5	3.3
HKLR	HY/2011/03	2014-06-25	Mid-Ebb	Cloudy	CS(Mf)5	12:00:37	1.0	Surface	1	2	28.63	8.22	16.91	87.1	5.96	4.9	2.9
HKLR	HY/2011/03	2014-06-25	Mid-Ebb	Cloudy	CS(Mf)5	12:01:30	6.6	Middle	2	1	28.28	8.25	21.62	77.1	5.19	5	3
HKLR	HY/2011/03	2014-06-25	Mid-Ebb	Cloudy	CS(Mf)5	12:00:18	6.6	Middle	2	2	28.28	8.24	21.97	83.4	5.72	5	2.6
HKLR	HY/2011/03	2014-06-25	Mid-Ebb	Cloudy	CS(Mf)5	12:01:02	12.2	Bottom	3	1	27.91	8.21	27.49	72.7	5	5	4.1
HKLR	HY/2011/03	2014-06-25	Mid-Ebb	Cloudy	CS(Mf)5	11:59:54	12.2	Bottom	3	2	27.75	8.24	27.67	81.8	5.62	5	3.8
HKLR	HY/2011/03	2014-06-25	Mid-Flood	Cloudy	IS5	17:21:32	1.0	Surface	1	1	28.83	8.16	17.44	93.4	6.5	5.8	5.2
HKLR	HY/2011/03	2014-06-25	Mid-Flood	Cloudy	IS5	17:22:05	1.0	Surface	1	2	28.77	8.16	17.31	90.3	6.18	5.8	4.6
HKLR	HY/2011/03	2014-06-25	Mid-Flood	Cloudy	IS5	17:21:23	4.6	Middle	2	1	28.68	8.14	17.82	93.2	6.38	6	5.1
HKLR	HY/2011/03	2014-06-25	Mid-Flood	Cloudy	IS5	17:21:56	4.6	Middle	2	2	28.57	8.12	19.06	86.7	6.04	5.8	5.1
HKLR	HY/2011/03	2014-06-25	Mid-Flood	Cloudy	IS5	17:21:48	8.1	Bottom	3	1	28.58	8.1	22.05	83.1	5.76	6	5
HKLR	HY/2011/03	2014-06-25	Mid-Flood	Cloudy	IS5	17:21:14	8.1	Bottom	3	2	28.75	8.12	21.88	87.6	6.1	6.1	5.2
HKLR	HY/2011/03	2014-06-25	Mid-Flood	Cloudy	IS(Mf)6	17:31:20	1.0	Surface	1	1	28.8	8.11	16.92	84	5.87	8.4	2.9
HKLR	HY/2011/03	2014-06-25	Mid-Flood	Cloudy	IS(Mf)6	17:31:55	1.0	Surface	1	2	28.94	8.17	17	86.8	6.08	8.6	3.2
HKLR	HY/2011/03	2014-06-25	Mid-Flood	Cloudy	IS(Mf)6	17:31:25	2.2	Bottom	3	1	28.88	8.12	18.17	73.5	5.12	8.6	3.9
HKLR	HY/2011/03	2014-06-25	Mid-Flood	Cloudy	IS(Mf)6	17:31:12	2.2	Bottom	3	2	28.69	8.07	19.28	72.3	5.02	8.5	4.1
HKLR	HY/2011/03	2014-06-25	Mid-Flood	Cloudy	IS7	17:37:55	1.0	Surface	1	1	28.9	8.13	17.09	78.4	5.45	8.8	6.4
HKLR	HY/2011/03	2014-06-25	Mid-Flood	Cloudy	IS7	17:37:38	1.0	Surface	1	2	28.91	8.13	17.08	77.8	5.45	8.8	6.5
HKLR	HY/2011/03	2014-06-25	Mid-Flood	Cloudy	IS7	17:37:27	2.0	Bottom	3	1	28.87	8.1	18.37	77.6	5.4	9	6.8
HKLR	HY/2011/03	2014-06-25	Mid-Flood	Cloudy	IS7	17:37:44	2.0	Bottom	3	2	28.87	8.11	18.45	76.8	5.39	9	6.6
HKLR	HY/2011/03	2014-06-25	Mid-Flood	Cloudy	IS8	18:08:01	1.0	Surface	1	1	28.8	8.13	15.63	80.9	5.66	7.8	3.5
HKLR	HY/2011/03	2014-06-25	Mid-Flood	Cloudy	IS8	18:08:23	1.0	Surface	1	2	28.82	8.13	15.92	80.6	5.7	7.8	3.7
HKLR	HY/2011/03	2014-06-25	Mid-Flood	Cloudy	IS8	18:07:53	2.3	Bottom	3	1	28.8	8.11	17.82	79.9	5.66	8.1	3.8
HKLR	HY/2011/03	2014-06-25	Mid-Flood	Cloudy	IS8	18:08:08	2.3	Bottom	3	2	28.79	8.12	17.4	80.2	5.62	8	3.8
HKLR	HY/2011/03	2014-06-25	Mid-Flood	Cloudy	IS(Mf)9	17:51:31	1.0	Surface	1	1	28.79	8.19	16.99	86.2	6.06	6.8	3.4
HKLR	HY/2011/03	2014-06-25	Mid-Flood	Cloudy	IS(Mf)9	17:51:55	1.0	Surface	1	2	28.78	8.18	17.22	87.4	6.13	6.7	3.4
HKLR	HY/2011/03	2014-06-25	Mid-Flood	Cloudy	IS(Mf)9	17:51:17	2.6	Bottom	3	1	28.78	8.17	18.26	85.5	5.97	6.9	4.4
HKLR	HY/2011/03	2014-06-25	Mid-Flood	Cloudy	IS(Mf)9	17:51:35	2.6	Bottom	3	2	28.79	8.18	18.15	86.9	6.06	6.9	3.6
HKLR	HY/2011/03	2014-06-25	Mid-Flood	Cloudy	IS10	18:50:54	1.0	Surface	1	1	28.72	8.01	10.85	71.5	5.2	7.6	2.9
HKLR	HY/2011/03	2014-06-25	Mid-Flood	Cloudy	IS10	18:50:15	1.0	Surface	1	2	28.71	8	10.76	71.5	5.18	7.4	3.2
HKLR	HY/2011/03	2014-06-25	Mid-Flood	Cloudy	IS10	18:50:03	5.3	Middle	2	1	28.59	7.92	16.24	71	5.17	7.6	2.7
HKLR	HY/2011/03	2014-06-25	Mid-Flood	Cloudy	IS10	18:50:41	5.3	Middle	2	2	28.58	7.93	16.14	70.9	5.01	7.9	3.1
HKLR	HY/2011/03	2014-06-25	Mid-Flood	Cloudy	IS10	18:50:29	9.6	Bottom	3	1	28.52	7.85	20.78	69.8	4.91	7.7	3.2
HKLR	HY/2011/03	2014-06-25	Mid-Flood	Cloudy	IS10	18:49:49	9.6	Bottom	3	2	28.59	7.84	21.64	70.6	4.93	7.8	3.5
HKLR	HY/2011/03	2014-06-25	Mid-Flood	Cloudy	SR3	17:15:44	0.7	Middle	2	1	28.86	8.16	17.26	87.9	6.16	6.1	3.2
HKLR	HY/2011/03	2014-06-25	Mid-Flood	Cloudy	SR3	17:15:47	0.7	Middle	2	2	28.86	8.16	17.28	87.8	6.15	6	3.1
HKLR	HY/2011/03	2014-06-25	Mid-Flood	Cloudy	SR4	18:00:03	1.0	Surface	1	1	28.87	8.13	14.09	83.5	5.95	6.6	2.3
HKLR	HY/2011/03	2014-06-25	Mid-Flood	Cloudy	SR4	18:00:21	1.0	Surface	1	2	28.87	8.13	14.03	83.4	5.93	6.8	1.9
HKLR	HY/2011/03	2014-06-25	Mid-Flood	Cloudy	SR4	18:00:07	2.3	Bottom	3	1	28.87	8.12	16.68	83.2	5.86	6.8	3.6
HKLR	HY/2011/03	2014-06-25	Mid-Flood	Cloudy	SR4	17:59:51	2.3	Bottom	3	2	28.86	8.12	16.56	83.4	5.87	6.8	3.8
HKLR	HY/2011/03	2014-06-25	Mid-Flood	Cloudy	SR5	18:40:07	1.0	Surface	1	1	28.7	7.86	10.82	77.2	5.62	7.4	5.4
HKLR	HY/2011/03	2014-06-25	Mid-Flood	Cloudy	SR5	18:39:50	1.0	Surface	1	2	28.74	7.84	10.64	78	5.68	7.5	5.2
HKLR	HY/2011/03	2014-06-25	Mid-Flood	Cloudy	SR5	18:39:58	4.0	Bottom	3	1	28.66	7.78	14.59	77.8	5.55	7.5	5.2
HKLR	HY/2011/03	2014-06-25	Mid-Flood	Cloudy	SR5	18:39:38	4.0	Bottom	3	2	28.66	7.76	14.67	78	5.57	7.6	5.1
HKLR	HY/2011/03	2014-06-25	Mid-Flood	Cloudy	SR10A	19:21:41	1.0	Surface	1	1	28.33	8.16	21.78	81.4	5.59	6.1	4
HKLR	HY/2011/03	2014-06-25	Mid-Flood	Cloudy	SR10A	19:21:15	1.0	Surface	1	2	28.31	8.16	21.85	82.5	5.67	6.1	4
HKLR	HY/2011/03	2014-06-25	Mid-Flood	Cloudy	SR10A	19:21:05	3.3	Middle	2	1	28.24	8.17	22.85	82.3	5.63	6.2	3.6
HKLR	HY/2011/03	2014-06-25	Mid-Flood	Cloudy	SR10A	19:21:30	3.3	Middle	2	2	28.2	8.16	22.86	81.3	5.55	6.1	3.5
HKLR	HY/2011/03	2014-06-25	Mid-Flood	Cloudy	SR10A	19:20:56	5.5	Bottom	3	1	28.22	8.16	23.26	82.2	5.62	6.4	3.8
HKLR	HY/2011/03	2014-06-25	Mid-Flood	Cloudy	SR10A	19:21:27	5.5	Bottom	3	2	28.23	8.16	23.71	80.9	5.54	6.4	4.3
HKLR	HY/2011/03	2014-06-25	Mid-Flood	Cloudy	SR10B	19:28:09	1.0	Surface	1	1	28.37	8.15	21.43	81.1	5.58	5.6	1.7
HKLR	HY/2011/03	2014-06-25	Mid-Flood	Cloudy	SR10B	19:27:45	1.0	Surface	1	2	28.35	8.14	21.79	81.1	5.56	5.4	2.2
HKLR	HY/2011/03	2014-06-25	Mid-Flood	Cloudy	SR10B	19:27:58	4.0	Bottom	3	1	28.28	8.15	22.76	80.9	5.54	5.9	2
HKLR	HY/2011/03	2014-06-25	Mid-Flood	Cloudy	SR10B	19:27:32	4.0	Bottom	3	2	28.34	8.15	22.66	81	5.55	5.9	2
HKLR	HY/2011/03	2014-06-25	Mid-Flood	Cloudy	CS2	17:21:50	1.0	Surface	1	1	28.83	7.99	10.09	77.4	5.65	7.5	3.5
HKLR	HY/2011/03	2014-06-25	Mid-Flood	Cloudy	CS2	17:22:22	1.0	Surface	1	2	28.83	7.99	10.11	76.7	5.6	7.6	3.5
HKLR	HY/2011/03	2014-06-25	Mid-Flood	Cloudy	CS2	17:22:10	4.1	Middle	2	1	28.81	7.98	10.23	76.4	5.57	8.7	4.9

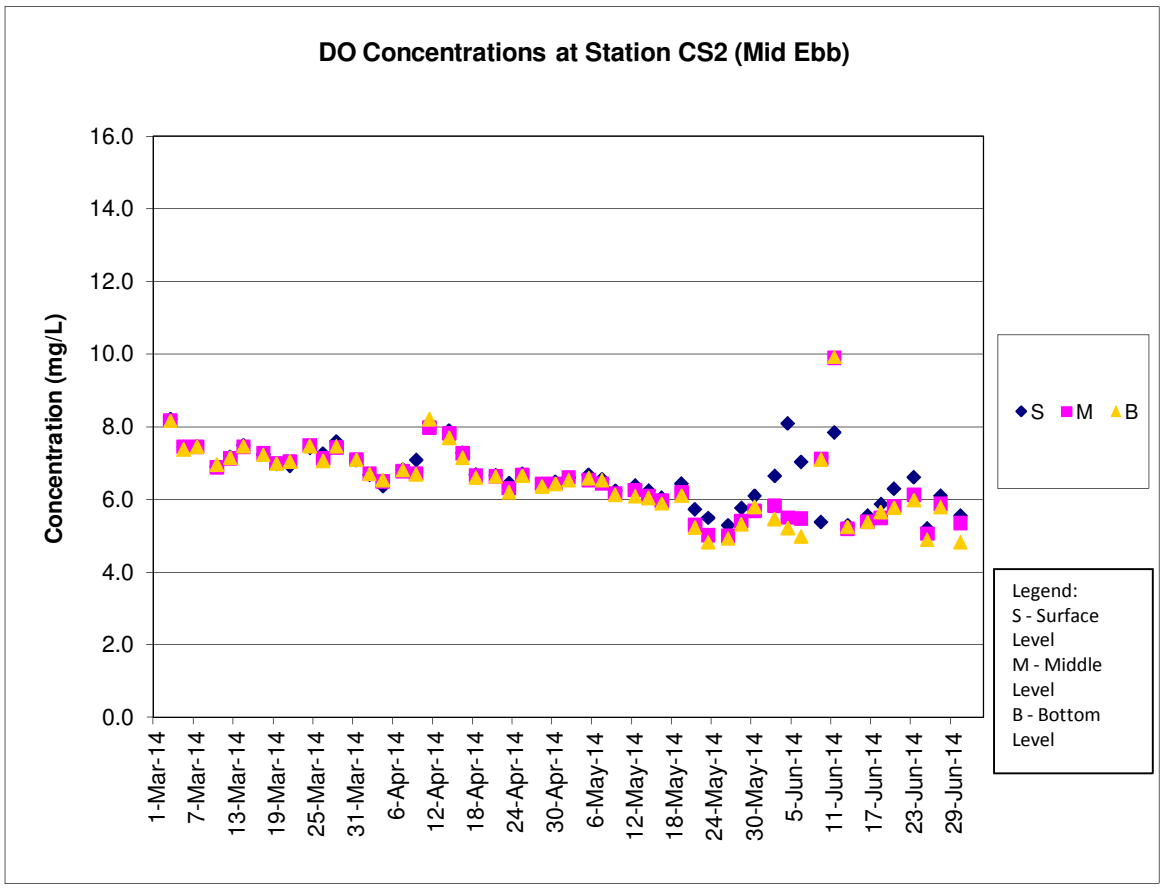
Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-06-25	Mid-Flood	Cloudy	CS2	17:21:37	4.1	Middle	2	2	28.8	7.98	10.29	77.2	5.63	8.5	4.9
HKLR	HY/2011/03	2014-06-25	Mid-Flood	Cloudy	CS2	17:21:22	7.1	Bottom	3	1	28.76	7.96	11.28	78.1	5.67	8.7	5.5
HKLR	HY/2011/03	2014-06-25	Mid-Flood	Cloudy	CS2	17:22:00	7.1	Bottom	3	2	28.79	7.98	11.63	77	5.57	8.6	5
HKLR	HY/2011/03	2014-06-25	Mid-Flood	Cloudy	CS(Mf)5	18:46:18	1.0	Surface	1	1	28.7	8.13	17.33	86.1	5.87	4.7	3.9
HKLR	HY/2011/03	2014-06-25	Mid-Flood	Cloudy	CS(Mf)5	18:44:59	1.0	Surface	1	2	28.65	8.14	16.17	85.8	5.82	4.9	3.7
HKLR	HY/2011/03	2014-06-25	Mid-Flood	Cloudy	CS(Mf)5	18:44:47	6.3	Middle	2	1	28.18	8.14	22.76	85.1	5.79	5	4.6
HKLR	HY/2011/03	2014-06-25	Mid-Flood	Cloudy	CS(Mf)5	18:45:59	6.3	Middle	2	2	28.34	8.13	22.86	84.4	5.71	4.9	4.8
HKLR	HY/2011/03	2014-06-25	Mid-Flood	Cloudy	CS(Mf)5	18:44:38	11.6	Bottom	3	1	27.96	8.13	26.8	77.5	5.44	5.2	5
HKLR	HY/2011/03	2014-06-25	Mid-Flood	Cloudy	CS(Mf)5	18:45:38	11.6	Bottom	3	2	28.07	8.14	26	80.3	5.6	5.1	4.6
HKLR	HY/2011/03	2014-06-27	Mid-Ebb	Sunny	IS5	13:11:24	1.0	Surface	1	1	29.73	8.03	12.66	83	5.78	3.5	5.1
HKLR	HY/2011/03	2014-06-27	Mid-Ebb	Sunny	IS5	13:10:38	1.0	Surface	1	2	29.72	8.02	12.72	83.5	5.82	3.4	4.4
HKLR	HY/2011/03	2014-06-27	Mid-Ebb	Sunny	IS5	13:10:19	5.0	Middle	2	1	29.04	7.99	16.53	74.5	5.24	5.4	5
HKLR	HY/2011/03	2014-06-27	Mid-Ebb	Sunny	IS5	13:11:07	5.0	Middle	2	2	29.09	7.99	16.14	76.2	5.2	5	5
HKLR	HY/2011/03	2014-06-27	Mid-Ebb	Sunny	IS5	13:10:51	8.9	Bottom	3	1	28.87	7.93	19.49	72.6	5.11	7.2	3.6
HKLR	HY/2011/03	2014-06-27	Mid-Ebb	Sunny	IS5	13:10:04	8.9	Bottom	3	2	28.82	7.96	17.66	74.8	5.16	7.3	4
HKLR	HY/2011/03	2014-06-27	Mid-Ebb	Sunny	IS(Mf)6	13:17:59	1.0	Surface	1	1	29.53	8	13.12	72.3	5.13	3.1	1.1
HKLR	HY/2011/03	2014-06-27	Mid-Ebb	Sunny	IS(Mf)6	13:18:19	1.0	Surface	1	2	29.44	8	13.55	72.1	5.11	3.3	<0.5
HKLR	HY/2011/03	2014-06-27	Mid-Ebb	Sunny	IS(Mf)6	13:18:08	3.8	Bottom	3	1	29.3	7.97	15.53	72.6	5.1	3.3	0.8
HKLR	HY/2011/03	2014-06-27	Mid-Ebb	Sunny	IS(Mf)6	13:17:49	3.8	Bottom	3	2	29.17	7.97	15.63	71.5	5.03	3.6	1
HKLR	HY/2011/03	2014-06-27	Mid-Ebb	Sunny	IS7	14:35:01	1.0	Surface	1	1	30.16	8.03	13.25	77.9	5.41	3.7	3.7
HKLR	HY/2011/03	2014-06-27	Mid-Ebb	Sunny	IS7	14:35:51	1.0	Surface	1	2	30.22	8.04	13.21	78.3	5.44	3.7	3
HKLR	HY/2011/03	2014-06-27	Mid-Ebb	Sunny	IS7	14:35:33	3.8	Bottom	3	1	28.96	8.02	16.28	75	5.26	5.6	0.8
HKLR	HY/2011/03	2014-06-27	Mid-Ebb	Sunny	IS7	14:34:46	3.8	Bottom	3	2	29	8.02	16.03	74.3	5.21	5.7	2.3
HKLR	HY/2011/03	2014-06-27	Mid-Ebb	Sunny	IS8	14:35:19	1.0	Surface	1	1	28.51	7.93	23.16	73.4	5.14	7	4.4
HKLR	HY/2011/03	2014-06-27	Mid-Ebb	Sunny	IS8	14:34:35	1.0	Surface	1	2	28.55	7.95	21.11	73.5	5.15	7.2	5.1
HKLR	HY/2011/03	2014-06-27	Mid-Ebb	Sunny	IS8	19:55:04	1.0	Bottom	3	1	30.18	8.04	11.15	78.9	5.59	6.1	5.2
HKLR	HY/2011/03	2014-06-27	Mid-Ebb	Sunny	IS8	19:54:25	1.0	Bottom	3	2	30.18	8.03	11.19	79.3	5.62	6.1	3.3
HKLR	HY/2011/03	2014-06-27	Mid-Ebb	Sunny	IS(Mf)9	19:54:07	1.0	Surface	1	1	29.79	8	14	76.4	5.37	7	11.5
HKLR	HY/2011/03	2014-06-27	Mid-Ebb	Sunny	IS(Mf)9	19:54:46	1.0	Surface	1	2	29.79	8	14.08	75.7	5.32	6.8	11.3
HKLR	HY/2011/03	2014-06-27	Mid-Ebb	Sunny	IS(Mf)9	19:54:37	8.8	Bottom	3	1	29.55	7.97	14.83	76.1	5.34	7	15
HKLR	HY/2011/03	2014-06-27	Mid-Ebb	Sunny	IS(Mf)9	19:53:59	8.8	Bottom	3	2	29.59	7.97	14.6	77.1	5.42	7.5	14.4
HKLR	HY/2011/03	2014-06-27	Mid-Ebb	Sunny	IS10	19:46:10	1.0	Surface	1	1	30.17	8.02	11.24	80.4	5.7	6.6	3.3
HKLR	HY/2011/03	2014-06-27	Mid-Ebb	Sunny	IS10	19:46:30	1.0	Surface	1	2	30.18	8.02	11.2	80.3	5.69	6.5	3.2
HKLR	HY/2011/03	2014-06-27	Mid-Ebb	Sunny	IS10	19:46:19	1.0	Middle	2	1	30.14	8	11.78	80.2	5.67	6.8	1.9
HKLR	HY/2011/03	2014-06-27	Mid-Ebb	Sunny	IS10	19:45:59	1.0	Middle	2	2	30.11	8	11.97	80.3	5.67	7.1	3
HKLR	HY/2011/03	2014-06-27	Mid-Ebb	Sunny	IS10	18:30:10	1.0	Bottom	3	1	30.22	8.17	10.24	80.9	5.76	6.7	3.3
HKLR	HY/2011/03	2014-06-27	Mid-Ebb	Sunny	IS10	18:31:01	1.0	Bottom	3	2	30.21	8.08	10.24	79.5	5.66	6.3	2.6
HKLR	HY/2011/03	2014-06-27	Mid-Ebb	Sunny	SR3	18:29:54	3.9	Middle	2	1	30.06	8.22	11.22	80.3	5.7	7.1	4.3
HKLR	HY/2011/03	2014-06-27	Mid-Ebb	Sunny	SR3	18:30:46	3.9	Middle	2	2	30.08	8.09	11.03	78.4	5.57	7	3.3
HKLR	HY/2011/03	2014-06-27	Mid-Ebb	Sunny	SR4	18:29:40	1.0	Surface	1	1	29.95	8.28	12.19	82.2	5.82	8.5	4.2
HKLR	HY/2011/03	2014-06-27	Mid-Ebb	Sunny	SR4	18:30:33	1.0	Surface	1	2	30	8.09	11.77	78.4	5.56	8.8	4.7
HKLR	HY/2011/03	2014-06-27	Mid-Ebb	Sunny	SR4	14:03:10	1.0	Bottom	3	1	29.78	8.12	17.73	75.2	5.19	7.6	4.4
HKLR	HY/2011/03	2014-06-27	Mid-Ebb	Sunny	SR4	14:03:52	1.0	Bottom	3	2	29.9	8.16	17.53	75.5	5.21	7.3	4.6
HKLR	HY/2011/03	2014-06-27	Mid-Ebb	Sunny	SR5	14:03:29	1.0	Surface	1	1	28.52	8.09	22.82	72.7	4.96	11.6	2.5
HKLR	HY/2011/03	2014-06-27	Mid-Ebb	Sunny	SR5	14:02:42	1.0	Surface	1	2	28.57	8.03	23.01	72.8	4.97	11.7	3.1
HKLR	HY/2011/03	2014-06-27	Mid-Ebb	Sunny	SR5	14:02:18	8.4	Bottom	3	1	28.28	7.94	26.63	71.1	4.79	11.9	3.6
HKLR	HY/2011/03	2014-06-27	Mid-Ebb	Sunny	SR5	14:03:19	8.4	Bottom	3	2	28.31	8.07	25.99	70.8	4.76	11.7	3
HKLR	HY/2011/03	2014-06-27	Mid-Ebb	Sunny	SR10A	13:49:24	1.0	Surface	1	1	30.25	8.2	16.7	85.9	5.88	9.6	3.3
HKLR	HY/2011/03	2014-06-27	Mid-Ebb	Sunny	SR10A	13:49:57	1.0	Surface	1	2	30.75	8.23	15.99	87.3	5.95	9.4	2.5
HKLR	HY/2011/03	2014-06-27	Mid-Ebb	Sunny	SR10A	13:49:02	1.0	Middle	2	1	30.06	8.15	17.12	84.3	5.78	10.6	3.8
HKLR	HY/2011/03	2014-06-27	Mid-Ebb	Sunny	SR10A	13:49:29	1.0	Middle	2	2	30.12	8.17	17.77	84.4	5.76	10.8	3.2
HKLR	HY/2011/03	2014-06-27	Mid-Ebb	Sunny	SR10A	13:42:32	1.0	Bottom	3	1	29.79	8.12	16.1	83.7	5.79	7.3	2.5
HKLR	HY/2011/03	2014-06-27	Mid-Ebb	Sunny	SR10A	13:42:08	1.0	Bottom	3	2	29.62	8.08	16.01	83.5	5.8	7.4	1.1
HKLR	HY/2011/03	2014-06-27	Mid-Ebb	Sunny	SR10B	13:42:18	1.0	Surface	1	1	29.58	8.07	17.15	82.1	5.67	9.7	2.9
HKLR	HY/2011/03	2014-06-27	Mid-Ebb	Sunny	SR10B	13:41:43	1.0	Surface	1	2	29.54	7.92	17.39	82	5.66	9.9	2.6
HKLR	HY/2011/03	2014-06-27	Mid-Ebb	Sunny	SR10B	13:06:49	1.0	Bottom	3	1	30.09	8.14	16.31	89.3	6.14	4.3	3.3
HKLR	HY/2011/03	2014-06-27	Mid-Ebb	Sunny	SR10B	13:08:32	1.0	Bottom	3	2	30.04	8.18	16.3	87.9	6.05	4.1	2.2

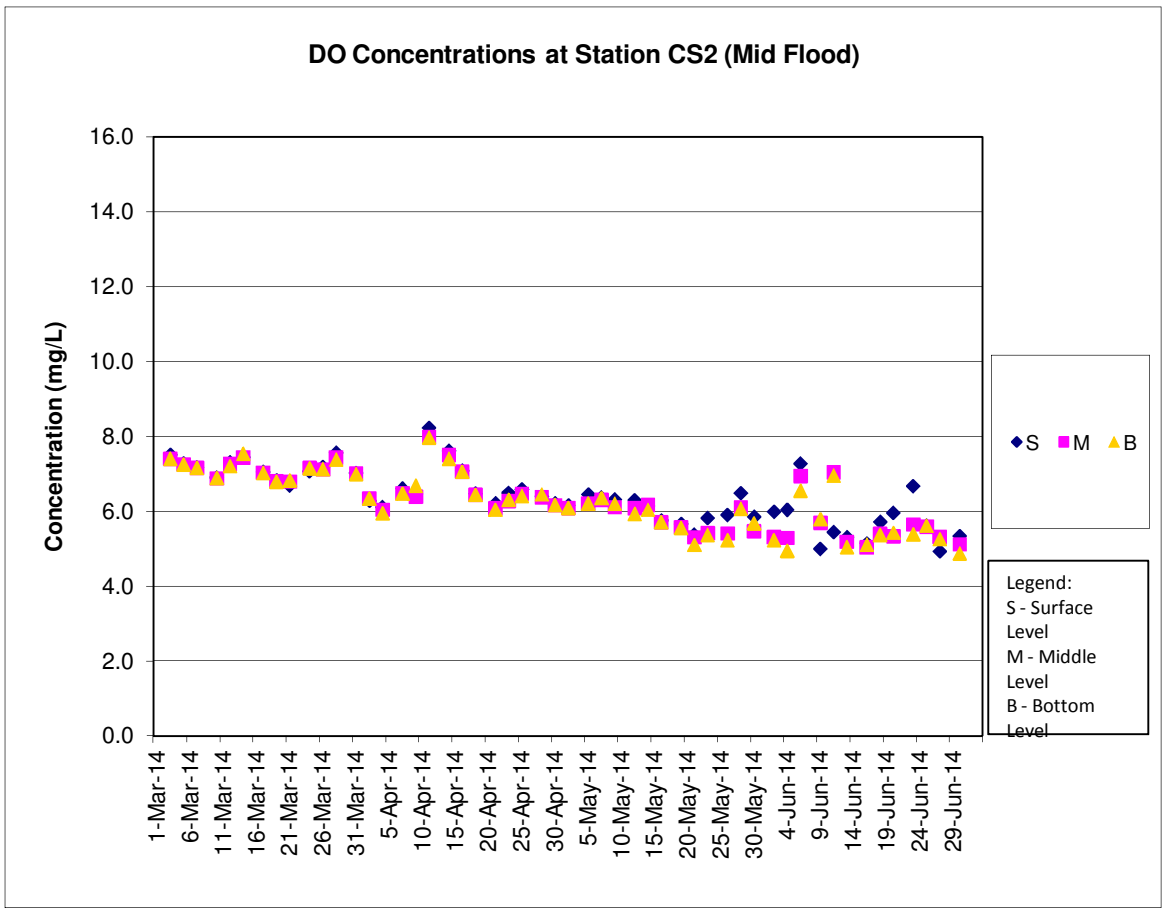
Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-06-27	Mid-Ebb	Sunny	CS2	13:08:02	1.0	Surface	1	1	30.08	8.05	17.7	88.7	6.06	4.5	1.2
HKLR	HY/2011/03	2014-06-27	Mid-Ebb	Sunny	CS2	13:06:37	1.0	Surface	1	2	29.98	8.11	16.5	89.6	6.17	4.5	2.5
HKLR	HY/2011/03	2014-06-27	Mid-Ebb	Sunny	CS2	13:35:46	1.8	Middle	2	1	29.93	8.15	16.34	85.3	5.88	9.2	3.4
HKLR	HY/2011/03	2014-06-27	Mid-Ebb	Sunny	CS2	13:35:22	1.8	Middle	2	2	29.98	8.13	16.22	85.5	5.9	9.1	4.3
HKLR	HY/2011/03	2014-06-27	Mid-Ebb	Sunny	CS2	13:35:33	2.5	Bottom	3	1	29.83	8.13	16.74	84.7	5.84	10.1	3.1
HKLR	HY/2011/03	2014-06-27	Mid-Ebb	Sunny	CS2	13:34:52	2.5	Bottom	3	2	29.72	8.05	17.05	83.5	5.76	9.9	4.4
HKLR	HY/2011/03	2014-06-27	Mid-Ebb	Sunny	CS(Mf)5	14:12:20	1.0	Surface	1	1	29.95	8.11	17.53	80	5.48	5.7	6.4
HKLR	HY/2011/03	2014-06-27	Mid-Ebb	Sunny	CS(Mf)5	14:12:11	1.0	Surface	1	2	29.96	8.03	17.53	79.9	5.48	6	6.5
HKLR	HY/2011/03	2014-06-27	Mid-Ebb	Sunny	CS(Mf)5	13:20:02	1.8	Middle	2	1	29.97	8.21	16.12	87.7	6.05	4.3	7.2
HKLR	HY/2011/03	2014-06-27	Mid-Ebb	Sunny	CS(Mf)5	13:19:35	1.8	Middle	2	2	29.98	8.2	16.18	87.3	6.02	4.5	7.8
HKLR	HY/2011/03	2014-06-27	Mid-Ebb	Sunny	CS(Mf)5	13:19:21	2.6	Bottom	3	1	29.95	8.14	16.72	86.8	5.97	4.9	7.7
HKLR	HY/2011/03	2014-06-27	Mid-Ebb	Sunny	CS(Mf)5	13:19:48	2.6	Bottom	3	2	29.95	8.19	16.66	87.2	6.01	4.8	7
HKLR	HY/2011/03	2014-06-27	Mid-Flood	Sunny	IS5	11:48:44	1.0	Surface	1	1	29.25	8.12	18.31	78	5.38	3.2	3.2
HKLR	HY/2011/03	2014-06-27	Mid-Flood	Sunny	IS5	11:47:47	1.0	Surface	1	2	29.33	8.1	17.74	78.7	5.44	3.3	1.5
HKLR	HY/2011/03	2014-06-27	Mid-Flood	Sunny	IS5	11:47:36	3.3	Middle	2	1	29.13	8.1	18.92	77	5.31	3.2	2.1
HKLR	HY/2011/03	2014-06-27	Mid-Flood	Sunny	IS5	11:48:28	3.3	Middle	2	2	29.1	8.1	19.22	76.7	5.28	3.3	1.8
HKLR	HY/2011/03	2014-06-27	Mid-Flood	Sunny	IS5	11:47:18	5.6	Bottom	3	1	28.99	8.07	19.73	77.1	5.31	3.5	1.3
HKLR	HY/2011/03	2014-06-27	Mid-Flood	Sunny	IS5	11:48:08	5.6	Bottom	3	2	29.05	8.11	19.45	76.9	5.29	3.3	1.4
HKLR	HY/2011/03	2014-06-27	Mid-Flood	Sunny	IS(Mf)6	11:34:12	1.0	Surface	1	1	29.33	8.09	18.36	80.1	5.52	2.9	2
HKLR	HY/2011/03	2014-06-27	Mid-Flood	Sunny	IS(Mf)6	11:33:42	1.0	Surface	1	2	29.32	8.08	18.36	79.9	5.5	3	<0.5
HKLR	HY/2011/03	2014-06-27	Mid-Flood	Sunny	IS(Mf)6	11:33:20	4.5	Bottom	3	1	29.17	8.04	19	79.2	5.45	3.2	1.7
HKLR	HY/2011/03	2014-06-27	Mid-Flood	Sunny	IS(Mf)6	11:34:03	4.5	Bottom	3	2	29.28	8.08	18.58	80	5.51	3.1	0.9
HKLR	HY/2011/03	2014-06-27	Mid-Flood	Sunny	IS7	12:29:32	1.0	Surface	1	1	29.33	8.06	15.29	73.4	5.14	6.4	1.2
HKLR	HY/2011/03	2014-06-27	Mid-Flood	Sunny	IS7	12:30:03	1.0	Surface	1	2	29.32	8.08	15.33	73.2	5.12	6.3	2.4
HKLR	HY/2011/03	2014-06-27	Mid-Flood	Sunny	IS7	12:29:56	6.8	Bottom	3	1	29.24	8.07	16.24	71.6	5	6.6	1.1
HKLR	HY/2011/03	2014-06-27	Mid-Flood	Sunny	IS7	12:29:23	6.8	Bottom	3	2	29.21	8.05	17.21	71.5	4.97	6.6	1.8
HKLR	HY/2011/03	2014-06-27	Mid-Flood	Sunny	IS8	12:28:58	1.0	Surface	1	1	29.12	8	21.88	71.1	4.82	6.9	14
HKLR	HY/2011/03	2014-06-27	Mid-Flood	Sunny	IS8	12:29:41	1.0	Surface	1	2	28.99	8.04	20.51	71.9	4.92	6.7	13.6
HKLR	HY/2011/03	2014-06-27	Mid-Flood	Sunny	IS8	18:43:43	1.1	Bottom	3	1	30.37	8.21	17.47	86.1	5.86	8.3	14.6
HKLR	HY/2011/03	2014-06-27	Mid-Flood	Sunny	IS8	18:44:29	1.1	Bottom	3	2	30.38	8.24	17.33	87.1	5.93	8	14.6
HKLR	HY/2011/03	2014-06-27	Mid-Flood	Sunny	IS(Mf)9	18:43:28	1.0	Surface	1	1	29.75	8.12	18.64	74.3	5.07	8.9	4.5
HKLR	HY/2011/03	2014-06-27	Mid-Flood	Sunny	IS(Mf)9	18:44:15	1.0	Surface	1	2	29.96	8.17	18.07	74.8	5.11	8.8	6
HKLR	HY/2011/03	2014-06-27	Mid-Flood	Sunny	IS(Mf)9	18:43:00	8.3	Bottom	3	1	28.81	7.95	22.7	72.6	4.93	9.2	3.6
HKLR	HY/2011/03	2014-06-27	Mid-Flood	Sunny	IS(Mf)9	18:44:00	8.3	Bottom	3	2	29.17	8.1	21.39	72.3	4.91	9.3	4.9
HKLR	HY/2011/03	2014-06-27	Mid-Flood	Sunny	IS10	18:57:24	1.0	Surface	1	1	30.32	8.25	16.83	87.5	5.98	18.4	3.6
HKLR	HY/2011/03	2014-06-27	Mid-Flood	Sunny	IS10	18:54:04	1.0	Surface	1	2	30.55	8.21	16.57	88.1	6.01	18.7	2.2
HKLR	HY/2011/03	2014-06-27	Mid-Flood	Sunny	IS10	18:57:01	1.0	Middle	2	1	29.66	8.11	18.09	75.1	5.16	19.7	3.7
HKLR	HY/2011/03	2014-06-27	Mid-Flood	Sunny	IS10	18:53:50	1.0	Middle	2	2	29.7	8.01	17.83	74.8	5.14	19.9	5.1
HKLR	HY/2011/03	2014-06-27	Mid-Flood	Sunny	IS10	19:07:43	1.0	Bottom	3	1	30.55	8.3	16.54	93	6.34	18.2	3.7
HKLR	HY/2011/03	2014-06-27	Mid-Flood	Sunny	IS10	19:07:13	1.0	Bottom	3	2	30.58	8.3	16.48	92.5	6.3	18.4	4.3
HKLR	HY/2011/03	2014-06-27	Mid-Flood	Sunny	SR3	19:07:01	2.5	Middle	2	1	30.07	8.2	17.18	85.6	5.87	18.9	4.7
HKLR	HY/2011/03	2014-06-27	Mid-Flood	Sunny	SR3	19:07:29	2.5	Middle	2	2	29.98	8.2	17.37	86.6	5.94	18.4	3.2
HKLR	HY/2011/03	2014-06-27	Mid-Flood	Sunny	SR4	19:42:29	1.0	Surface	1	1	30.33	8.28	16.45	91.8	6.29	19.3	8.9
HKLR	HY/2011/03	2014-06-27	Mid-Flood	Sunny	SR4	19:41:42	1.0	Surface	1	2	30.36	8.27	16.42	92	6.29	19.2	11.9
HKLR	HY/2011/03	2014-06-27	Mid-Flood	Sunny	SR4	19:41:21	2.5	Bottom	3	1	29.86	8.12	17.7	85.2	5.84	20.2	15.7
HKLR	HY/2011/03	2014-06-27	Mid-Flood	Sunny	SR4	19:42:09	2.5	Bottom	3	2	30.02	8.19	17.35	86.2	5.91	20	14.5
HKLR	HY/2011/03	2014-06-27	Mid-Flood	Sunny	SR5	19:15:07	1.0	Surface	1	1	30.35	8.18	16.61	90.3	6.18	8.5	2
HKLR	HY/2011/03	2014-06-27	Mid-Flood	Sunny	SR5	19:15:37	1.0	Surface	1	2	30.34	8.21	16.6	90.4	6.18	8.7	4
HKLR	HY/2011/03	2014-06-27	Mid-Flood	Sunny	SR5	19:14:52	2.5	Bottom	3	1	30.23	8.11	16.97	89.1	6.1	9.7	4.3
HKLR	HY/2011/03	2014-06-27	Mid-Flood	Sunny	SR5	19:15:20	2.5	Bottom	3	2	30.24	8.15	17.02	88.6	6.06	9.6	3
HKLR	HY/2011/03	2014-06-27	Mid-Flood	Sunny	SR10A	18:32:31	1.0	Surface	1	1	30.51	8.13	17.18	97.5	6.63	6.4	2.9
HKLR	HY/2011/03	2014-06-27	Mid-Flood	Sunny	SR10A	18:32:23	1.0	Surface	1	2	30.51	8.08	17.19	97.8	6.66	6.2	1.9
HKLR	HY/2011/03	2014-06-27	Mid-Flood	Sunny	SR10A	19:26:11	1.8	Middle	2	1	30.28	8.22	16.61	90	6.16	19.3	3
HKLR	HY/2011/03	2014-06-27	Mid-Flood	Sunny	SR10A	19:26:45	1.8	Middle	2	2	30.29	8.25	16.54	90.3	6.19	19.5	3
HKLR	HY/2011/03	2014-06-27	Mid-Flood	Sunny	SR10A	19:25:57	2.6	Bottom	3	1	29.96	8.13	17.25	83.5	5.73	20.8	2.1
HKLR	HY/2011/03	2014-06-27	Mid-Flood	Sunny	SR10A	19:26:27	2.6	Bottom	3	2	29.9	8.16	17.52	83.7	5.74	20.5	2.4
HKLR	HY/2011/03	2014-06-27	Mid-Flood	Sunny	SR10B	20:50:07	1.0	Surface	1	1	29.6	8.17	16.58	76	5.27	3.9	1.3

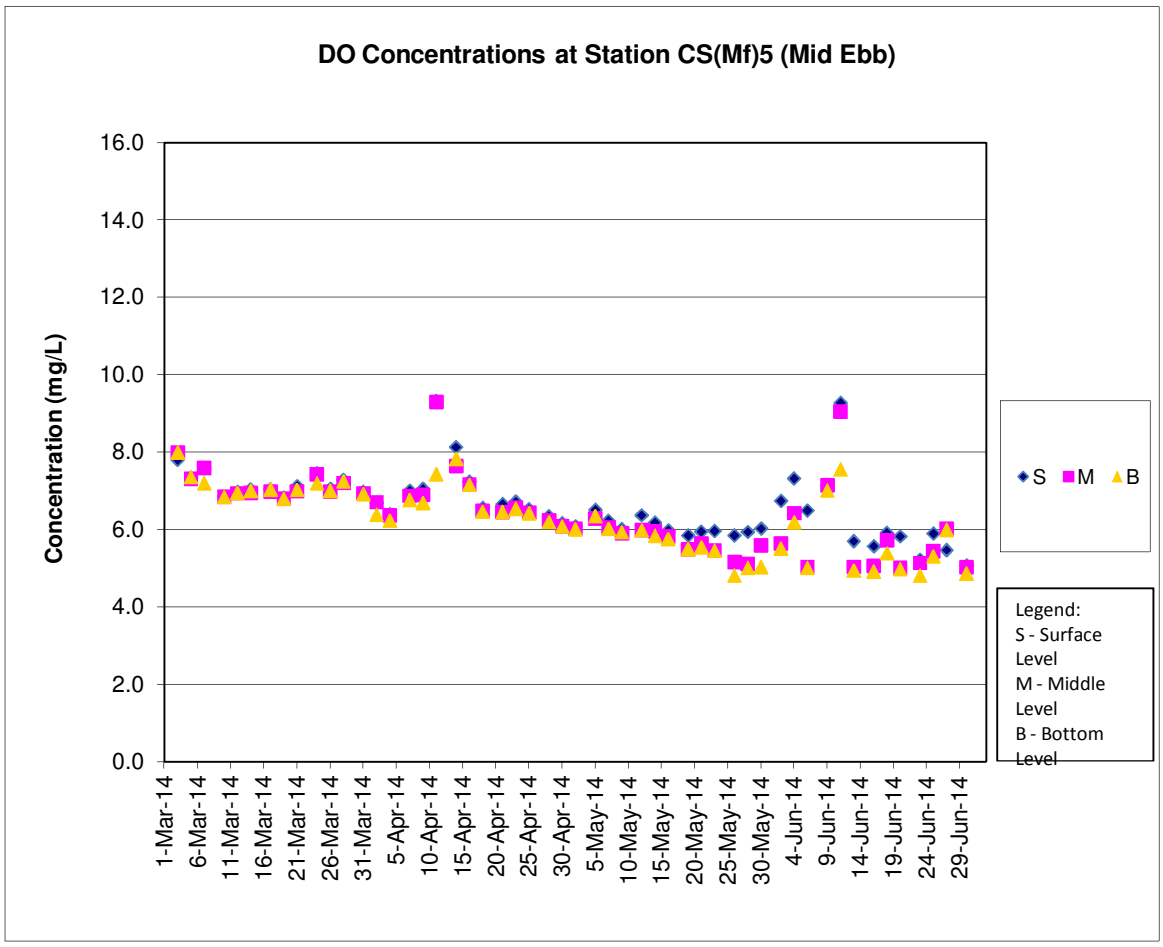
Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-06-27	Mid-Flood	Sunny	SR10B	20:50:49	1.0	Surface	1	2	29.59	8.21	16.51	76	5.27	3.9	3.7
HKLR	HY/2011/03	2014-06-27	Mid-Flood	Sunny	SR10B	20:49:58	3.3	Bottom	3	1	29.48	8.16	17.04	73.3	5.07	4.1	2.4
HKLR	HY/2011/03	2014-06-27	Mid-Flood	Sunny	SR10B	20:50:38	3.3	Bottom	3	2	29.49	8.19	16.97	73.5	5.09	4.2	2.2
HKLR	HY/2011/03	2014-06-27	Mid-Flood	Sunny	CS2	20:49:31	1.0	Surface	1	1	28.81	7.98	20.67	72.2	4.95	5.2	4.5
HKLR	HY/2011/03	2014-06-27	Mid-Flood	Sunny	CS2	20:50:24	1.0	Surface	1	2	29.1	8.17	19.24	71.6	4.93	4.9	4.3
HKLR	HY/2011/03	2014-06-27	Mid-Flood	Sunny	CS2	21:02:44	2.8	Middle	2	1	29.61	8.22	16.58	77	5.33	3.7	3.2
HKLR	HY/2011/03	2014-06-27	Mid-Flood	Sunny	CS2	21:03:09	2.8	Middle	2	2	29.6	8.22	16.64	76.6	5.31	3.9	3.7
HKLR	HY/2011/03	2014-06-27	Mid-Flood	Sunny	CS2	21:02:57	4.5	Bottom	3	1	29.45	8.2	17.24	76	5.26	4.1	4
HKLR	HY/2011/03	2014-06-27	Mid-Flood	Sunny	CS2	21:02:28	4.5	Bottom	3	2	29.44	8.18	17.28	76.1	5.26	3.9	2.8
HKLR	HY/2011/03	2014-06-27	Mid-Flood	Sunny	CS(Mf)5	20:15:43	1.0	Surface	1	1	29.73	8.14	15.24	76	5.3	4.6	4.7
HKLR	HY/2011/03	2014-06-27	Mid-Flood	Sunny	CS(Mf)5	20:16:32	1.0	Surface	1	2	29.73	8.18	15.21	75.6	5.26	4.6	4.2
HKLR	HY/2011/03	2014-06-27	Mid-Flood	Sunny	CS(Mf)5	20:15:26	6.8	Middle	2	1	29.65	8.14	15.44	72.9	5.07	4.6	2.6
HKLR	HY/2011/03	2014-06-27	Mid-Flood	Sunny	CS(Mf)5	20:16:19	6.8	Middle	2	2	29.63	8.16	15.56	72.5	5.05	4.7	4.1
HKLR	HY/2011/03	2014-06-27	Mid-Flood	Sunny	CS(Mf)5	20:15:56	12.6	Bottom	3	1	29.15	8.13	18.38	71.1	4.91	5.4	2.4
HKLR	HY/2011/03	2014-06-27	Mid-Flood	Sunny	CS(Mf)5	20:14:38	12.6	Bottom	3	2	28.91	7.96	19.74	71.6	4.93	5.7	0.9
HKLR	HY/2011/03	2014-06-30	Mid-Ebb	Sunny	IS5	13:33:39	1.0	Surface	1	1	29.45	7.97	20.98	77.2	5.25	7.4	4.4
HKLR	HY/2011/03	2014-06-30	Mid-Ebb	Sunny	IS5	13:32:56	1.0	Surface	1	2	29.42	7.96	21.06	75.5	5.14	7.4	3.5
HKLR	HY/2011/03	2014-06-30	Mid-Ebb	Sunny	IS5	13:32:44	4.3	Middle	2	1	29.07	7.91	21.88	74.9	5.07	7.4	5.3
HKLR	HY/2011/03	2014-06-30	Mid-Ebb	Sunny	IS5	13:33:23	4.3	Middle	2	2	29	7.9	22.43	75	5.11	7.5	4.9
HKLR	HY/2011/03	2014-06-30	Mid-Ebb	Sunny	IS5	13:33:06	7.6	Bottom	3	1	29.03	7.9	24.11	74	4.98	7.6	4.5
HKLR	HY/2011/03	2014-06-30	Mid-Ebb	Sunny	IS5	13:32:34	7.6	Bottom	3	2	29.04	7.9	23.93	74.3	5	7.4	5.3
HKLR	HY/2011/03	2014-06-30	Mid-Ebb	Sunny	IS(Mf)6	13:41:02	1.0	Surface	1	1	30	8.17	18.41	104.8	7.16	4.8	3.4
HKLR	HY/2011/03	2014-06-30	Mid-Ebb	Sunny	IS(Mf)6	13:40:18	1.0	Surface	1	2	29.99	8.16	18.48	104.8	7.16	4.7	4.3
HKLR	HY/2011/03	2014-06-30	Mid-Ebb	Sunny	IS(Mf)6	13:40:53	2.2	Bottom	3	1	29.72	8.06	19.8	98.2	6.69	5.2	4.1
HKLR	HY/2011/03	2014-06-30	Mid-Ebb	Sunny	IS(Mf)6	13:40:09	2.2	Bottom	3	2	29.7	8.04	19.88	98	6.67	5	4
HKLR	HY/2011/03	2014-06-30	Mid-Ebb	Sunny	IS7	13:46:55	1.0	Surface	1	1	29.92	8.19	18.3	115.3	7.89	3.6	4.4
HKLR	HY/2011/03	2014-06-30	Mid-Ebb	Sunny	IS7	13:47:11	1.0	Surface	1	2	29.85	8.15	18.25	107.2	7.35	3.6	3.3
HKLR	HY/2011/03	2014-06-30	Mid-Ebb	Sunny	IS7	13:46:42	2.4	Bottom	3	1	29.74	8.08	19.06	110.9	7.58	3.5	5
HKLR	HY/2011/03	2014-06-30	Mid-Ebb	Sunny	IS7	13:47:03	2.4	Bottom	3	2	29.71	8.05	19.1	106.1	7.25	3.5	5.2
HKLR	HY/2011/03	2014-06-30	Mid-Ebb	Sunny	IS8	14:18:42	1.0	Surface	1	1	29.56	8.03	19.13	83.5	5.72	5.7	3.7
HKLR	HY/2011/03	2014-06-30	Mid-Ebb	Sunny	IS8	14:19:10	1.0	Surface	1	2	29.58	8.1	19.13	85	5.82	5.8	3
HKLR	HY/2011/03	2014-06-30	Mid-Ebb	Sunny	IS8	14:18:32	3.3	Bottom	3	1	29.25	7.87	22.24	79.4	5.38	5.7	3.6
HKLR	HY/2011/03	2014-06-30	Mid-Ebb	Sunny	IS8	14:18:58	3.3	Bottom	3	2	29.15	7.94	21.98	79.5	5.4	5.6	2.3
HKLR	HY/2011/03	2014-06-30	Mid-Ebb	Sunny	IS(Mf)9	14:00:01	1.0	Surface	1	1	29.75	8.13	18.8	91	6.23	9.5	4.5
HKLR	HY/2011/03	2014-06-30	Mid-Ebb	Sunny	IS(Mf)9	13:59:38	1.0	Surface	1	2	29.75	8.14	18.82	91.1	6.24	9.9	4.3
HKLR	HY/2011/03	2014-06-30	Mid-Ebb	Sunny	IS(Mf)9	13:59:51	3.3	Bottom	3	1	29.54	8.05	19.77	87	5.95	9.5	4.1
HKLR	HY/2011/03	2014-06-30	Mid-Ebb	Sunny	IS(Mf)9	13:59:27	3.3	Bottom	3	2	29.53	8.05	20.3	90.4	6.16	9.5	4.3
HKLR	HY/2011/03	2014-06-30	Mid-Ebb	Sunny	IS10	14:41:38	1.0	Surface	1	1	29.4	8.11	18.53	85	5.86	3.5	4.9
HKLR	HY/2011/03	2014-06-30	Mid-Ebb	Sunny	IS10	14:42:31	1.0	Surface	1	2	29.4	8.1	18.54	82.8	5.71	3.8	3.2
HKLR	HY/2011/03	2014-06-30	Mid-Ebb	Sunny	IS10	14:42:12	5.2	Middle	2	1	28.89	8.06	19.95	75.8	5.28	7.2	3.6
HKLR	HY/2011/03	2014-06-30	Mid-Ebb	Sunny	IS10	14:41:19	5.2	Middle	2	2	28.86	8.06	20.46	75.5	5.26	7	5.4
HKLR	HY/2011/03	2014-06-30	Mid-Ebb	Sunny	IS10	14:42:03	9.3	Bottom	3	1	28.67	8.05	21.92	70.5	4.83	6.8	4.1
HKLR	HY/2011/03	2014-06-30	Mid-Ebb	Sunny	IS10	14:41:05	9.3	Bottom	3	2	28.7	8.05	21.79	72.7	4.98	7.1	3.2
HKLR	HY/2011/03	2014-06-30	Mid-Ebb	Sunny	SR3	13:21:33	0.6	Middle	2	1	29.45	8.07	20.99	85	5.78	5.8	3.7
HKLR	HY/2011/03	2014-06-30	Mid-Ebb	Sunny	SR3	13:21:41	0.6	Middle	2	2	29.46	8.06	20.99	85	5.78	5.8	4.1
HKLR	HY/2011/03	2014-06-30	Mid-Ebb	Sunny	SR4	14:11:19	1.0	Surface	1	1	30.02	7.9	17.34	84.6	5.81	5.5	4.2
HKLR	HY/2011/03	2014-06-30	Mid-Ebb	Sunny	SR4	14:11:46	1.0	Surface	1	2	30.12	7.92	17.33	86.8	5.96	5.4	2.6
HKLR	HY/2011/03	2014-06-30	Mid-Ebb	Sunny	SR4	14:11:11	3.1	Bottom	3	1	29.71	7.84	19.7	85.2	5.81	5.4	4.3
HKLR	HY/2011/03	2014-06-30	Mid-Ebb	Sunny	SR4	14:11:35	3.1	Bottom	3	2	29.65	7.84	19.82	86.7	5.91	5.6	3.7
HKLR	HY/2011/03	2014-06-30	Mid-Ebb	Sunny	SR5	14:30:30	1.0	Surface	1	1	29.37	8.11	18.57	87.8	6.05	2.9	2
HKLR	HY/2011/03	2014-06-30	Mid-Ebb	Sunny	SR5	14:30:05	1.0	Surface	1	2	29.37	8.11	18.59	87.1	6.02	3	3.4
HKLR	HY/2011/03	2014-06-30	Mid-Ebb	Sunny	SR5	14:29:52	4.2	Bottom	3	1	29.11	8.1	19.25	85.1	5.89	3.3	4
HKLR	HY/2011/03	2014-06-30	Mid-Ebb	Sunny	SR5	14:30:18	4.2	Bottom	3	2	29.18	8.1	19.13	87.2	6.02	3.2	4.4
HKLR	HY/2011/03	2014-06-30	Mid-Ebb	Sunny	SR10A	15:32:45	1.0	Surface	1	1	29.27	8.17	20.98	86.7	5.91	2.4	2.8
HKLR	HY/2011/03	2014-06-30	Mid-Ebb	Sunny	SR10A	15:33:20	1.0	Surface	1	2	29.29	8.17	20.94	88.1	6.01	2.4	3.4
HKLR	HY/2011/03	2014-06-30	Mid-Ebb	Sunny	SR10A	15:33:06	3.3	Middle	2	1	29.27	8.17	20.97	87	5.93	2.5	3.4
HKLR	HY/2011/03	2014-06-30	Mid-Ebb	Sunny	SR10A	15:32:36	3.3	Middle	2	2	29.21	8.16	21.08	85	5.8	2.5	2.4

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-06-30	Mid-Ebb	Sunny	SR10A	15:32:27	5.6	Bottom	3	1	29.15	8.15	21.37	85.9	5.86	2.5	4.9
HKLR	HY/2011/03	2014-06-30	Mid-Ebb	Sunny	SR10A	15:32:56	5.6	Bottom	3	2	29.25	8.16	21.11	86.9	5.92	2.4	3
HKLR	HY/2011/03	2014-06-30	Mid-Ebb	Sunny	SR10B	15:42:04	1.0	Surface	1	1	29.31	8.17	20.91	88.7	6.05	2.5	4.1
HKLR	HY/2011/03	2014-06-30	Mid-Ebb	Sunny	SR10B	15:42:21	1.0	Surface	1	2	29.29	8.16	20.95	87.6	5.97	2.4	4
HKLR	HY/2011/03	2014-06-30	Mid-Ebb	Sunny	SR10B	15:41:52	4.1	Bottom	3	1	29.31	8.17	20.94	88.6	6.04	2.5	2.8
HKLR	HY/2011/03	2014-06-30	Mid-Ebb	Sunny	SR10B	15:42:12	4.1	Bottom	3	2	29.26	8.16	21.06	88.1	6.01	2.5	2.9
HKLR	HY/2011/03	2014-06-30	Mid-Ebb	Sunny	CS2	13:20:46	1.0	Surface	1	1	29.26	8.17	18.23	79.8	5.56	5.7	3.8
HKLR	HY/2011/03	2014-06-30	Mid-Ebb	Sunny	CS2	13:21:51	1.0	Surface	1	2	29.28	8.15	18.18	80	5.58	5.6	3.8
HKLR	HY/2011/03	2014-06-30	Mid-Ebb	Sunny	CS2	13:21:34	3.8	Middle	2	1	28.55	8.08	22.57	78.9	5.46	6.8	2.8
HKLR	HY/2011/03	2014-06-30	Mid-Ebb	Sunny	CS2	13:20:33	3.8	Middle	2	2	28.52	8.11	22.9	76.2	5.28	6.7	2.9
HKLR	HY/2011/03	2014-06-30	Mid-Ebb	Sunny	CS2	13:19:59	6.6	Bottom	3	1	28.46	8.12	22.5	68.3	4.8	6.3	3.5
HKLR	HY/2011/03	2014-06-30	Mid-Ebb	Sunny	CS2	13:21:05	6.6	Bottom	3	2	28.45	8.05	21.4	69.1	4.87	6.2	3.5
HKLR	HY/2011/03	2014-06-30	Mid-Ebb	Sunny	CS(Mf)5	15:00:55	1.0	Surface	1	1	29.08	8.08	20.62	74.1	5.1	8.2	4.6
HKLR	HY/2011/03	2014-06-30	Mid-Ebb	Sunny	CS(Mf)5	15:01:39	1.0	Surface	1	2	28.99	8.08	20.64	73.2	5.06	8.1	4.1
HKLR	HY/2011/03	2014-06-30	Mid-Ebb	Sunny	CS(Mf)5	15:00:43	6.2	Middle	2	1	28.23	8.05	22.93	73.2	5.05	8.6	4.3
HKLR	HY/2011/03	2014-06-30	Mid-Ebb	Sunny	CS(Mf)5	15:01:28	6.2	Middle	2	2	28.4	8.05	23.36	72.7	5.02	8.8	4.3
HKLR	HY/2011/03	2014-06-30	Mid-Ebb	Sunny	CS(Mf)5	15:01:16	11.3	Bottom	3	1	27.74	8	27.09	71	4.84	8.8	5
HKLR	HY/2011/03	2014-06-30	Mid-Ebb	Sunny	CS(Mf)5	15:00:33	11.3	Bottom	3	2	27.72	8.02	27.3	71.4	4.89	8.9	4.9
HKLR	HY/2011/03	2014-06-30	Mid-Flood	Sunny	IS5	08:43:02	1.0	Surface	1	1	29.41	8.03	19.04	77.3	5.32	5.3	4.3
HKLR	HY/2011/03	2014-06-30	Mid-Flood	Sunny	IS5	08:43:44	1.0	Surface	1	2	29.41	8.04	19.1	77.6	5.33	5.3	4.7
HKLR	HY/2011/03	2014-06-30	Mid-Flood	Sunny	IS5	08:43:22	4.4	Middle	2	1	28.97	7.96	21.39	73.7	5.03	5.5	4
HKLR	HY/2011/03	2014-06-30	Mid-Flood	Sunny	IS5	08:42:39	4.4	Middle	2	2	28.89	7.95	21.79	74.5	5.06	5.5	4.2
HKLR	HY/2011/03	2014-06-30	Mid-Flood	Sunny	IS5	08:43:11	7.8	Bottom	3	1	28.97	7.94	23.68	73.4	4.97	5.5	3.8
HKLR	HY/2011/03	2014-06-30	Mid-Flood	Sunny	IS5	08:42:30	7.8	Bottom	3	2	29.03	7.96	23.66	73.8	4.98	5.5	3.9
HKLR	HY/2011/03	2014-06-30	Mid-Flood	Sunny	IS(Mf)6	08:35:44	1.0	Surface	1	1	29.52	8.1	17.94	92.3	6.37	4.1	4.9
HKLR	HY/2011/03	2014-06-30	Mid-Flood	Sunny	IS(Mf)6	08:35:28	1.0	Surface	1	2	29.53	8.11	17.89	92.6	6.39	3.8	4.7
HKLR	HY/2011/03	2014-06-30	Mid-Flood	Sunny	IS(Mf)6	08:35:35	2.2	Bottom	3	1	29.5	8.09	18.31	92.6	6.39	4.1	3.9
HKLR	HY/2011/03	2014-06-30	Mid-Flood	Sunny	IS(Mf)6	08:35:17	2.2	Bottom	3	2	29.51	8.09	18.32	91.1	6.28	4	3.3
HKLR	HY/2011/03	2014-06-30	Mid-Flood	Sunny	IS7	08:28:54	1.0	Surface	1	1	29.54	8.12	17.66	95.7	6.62	4.1	3.3
HKLR	HY/2011/03	2014-06-30	Mid-Flood	Sunny	IS7	08:29:08	1.0	Surface	1	2	29.56	8.11	17.71	92.7	6.4	4.1	2.1
HKLR	HY/2011/03	2014-06-30	Mid-Flood	Sunny	IS7	08:28:45	2.2	Bottom	3	1	29.57	8.11	17.78	95.8	6.62	4.2	3
HKLR	HY/2011/03	2014-06-30	Mid-Flood	Sunny	IS7	08:29:01	2.2	Bottom	3	2	29.56	8.1	18.48	94.2	6.48	4.2	3.2
HKLR	HY/2011/03	2014-06-30	Mid-Flood	Sunny	IS8	08:06:40	1.0	Surface	1	1	29.17	7.96	19.01	72.5	5.01	4.7	3.5
HKLR	HY/2011/03	2014-06-30	Mid-Flood	Sunny	IS8	08:06:56	1.0	Surface	1	2	29.16	7.96	19	73.3	5.05	4.6	4.2
HKLR	HY/2011/03	2014-06-30	Mid-Flood	Sunny	IS8	08:06:47	3.2	Bottom	3	1	29.14	7.95	19.39	71.1	4.9	4.8	3.8
HKLR	HY/2011/03	2014-06-30	Mid-Flood	Sunny	IS8	08:06:12	3.2	Bottom	3	2	29.14	7.93	19.67	72.1	4.96	4.7	4
HKLR	HY/2011/03	2014-06-30	Mid-Flood	Sunny	IS(Mf)9	08:23:23	1.0	Surface	1	1	29.31	7.99	18.24	78.4	5.42	4.1	2.5
HKLR	HY/2011/03	2014-06-30	Mid-Flood	Sunny	IS(Mf)9	08:23:40	1.0	Surface	1	2	29.32	7.99	18.22	78.5	5.43	4.1	3.8
HKLR	HY/2011/03	2014-06-30	Mid-Flood	Sunny	IS(Mf)9	08:23:15	2.6	Bottom	3	1	29.31	7.99	18.4	78.5	5.42	4.2	4.2
HKLR	HY/2011/03	2014-06-30	Mid-Flood	Sunny	IS(Mf)9	08:23:31	2.6	Bottom	3	2	29.32	7.99	18.5	78.4	5.42	4.2	4.6
HKLR	HY/2011/03	2014-06-30	Mid-Flood	Sunny	IS10	08:15:36	1.0	Surface	1	1	29.18	8.09	19.26	85.2	5.87	5.6	3.2
HKLR	HY/2011/03	2014-06-30	Mid-Flood	Sunny	IS10	08:16:38	1.0	Surface	1	2	29.12	8.1	19.39	81.4	5.6	6.3	3.7
HKLR	HY/2011/03	2014-06-30	Mid-Flood	Sunny	IS10	08:16:19	5.3	Middle	2	1	28.22	8.06	23.81	74.1	5.2	7.7	4.5
HKLR	HY/2011/03	2014-06-30	Mid-Flood	Sunny	IS10	08:15:12	5.3	Middle	2	2	28.3	8.06	23.4	73.6	5.02	7.6	4.7
HKLR	HY/2011/03	2014-06-30	Mid-Flood	Sunny	IS10	08:16:05	9.5	Bottom	3	1	28.16	8.05	24.15	72.5	4.94	10.2	3.3
HKLR	HY/2011/03	2014-06-30	Mid-Flood	Sunny	IS10	08:15:00	9.5	Bottom	3	2	28.15	8.05	24.23	71.9	4.92	9.8	4.6
HKLR	HY/2011/03	2014-06-30	Mid-Flood	Sunny	SR3	08:48:52	0.7	Middle	2	1	29.36	7.99	19.53	79.8	5.48	5.1	5.1
HKLR	HY/2011/03	2014-06-30	Mid-Flood	Sunny	SR3	08:48:43	0.7	Middle	2	2	29.38	8	19.38	80.5	5.53	5.2	4
HKLR	HY/2011/03	2014-06-30	Mid-Flood	Sunny	SR4	08:13:05	1.0	Surface	1	1	29.28	7.94	19.44	72.9	5.02	5.7	3.6
HKLR	HY/2011/03	2014-06-30	Mid-Flood	Sunny	SR4	08:13:16	1.0	Surface	1	2	29.29	7.94	19.49	72.6	5.01	5.7	3.2
HKLR	HY/2011/03	2014-06-30	Mid-Flood	Sunny	SR4	08:12:58	2.8	Bottom	3	1	29.26	7.94	19.63	71.5	4.91	5.7	4.9
HKLR	HY/2011/03	2014-06-30	Mid-Flood	Sunny	SR4	08:13:10	2.8	Bottom	3	2	29.29	7.94	19.5	70.8	4.87	5.8	4.9
HKLR	HY/2011/03	2014-06-30	Mid-Flood	Sunny	SR5	08:24:32	1.0	Surface	1	1	29.01	8.08	19.83	82.8	5.69	4.5	4.8
HKLR	HY/2011/03	2014-06-30	Mid-Flood	Sunny	SR5	08:24:58	1.0	Surface	1	2	29.05	8.08	19.65	84.4	5.82	4.5	5.1
HKLR	HY/2011/03	2014-06-30	Mid-Flood	Sunny	SR5	08:24:43	4.1	Bottom	3	1	28.88	8.07	20.52	82.2	5.66	5.4	4.7
HKLR	HY/2011/03	2014-06-30	Mid-Flood	Sunny	SR5	08:24:18	4.1	Bottom	3	2	28.57	8.06	22.07	78.2	5.36	5.5	3.2
HKLR	HY/2011/03	2014-06-30	Mid-Flood	Sunny	SR10A	07:06:40	1.0	Surface	1	1	28.79	7.98	19.72	73.5	5.08	2.7	3.5

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2014-06-30	Mid-Flood	Sunny	SR10A	07:05:57	1.0	Surface	1	2	28.8	7.98	19.73	72.6	5.02	2.7	3.5
HKLR	HY/2011/03	2014-06-30	Mid-Flood	Sunny	SR10A	07:05:42	3.4	Middle	2	1	28.82	7.97	20.41	72.3	5.01	2.7	3.6
HKLR	HY/2011/03	2014-06-30	Mid-Flood	Sunny	SR10A	07:06:22	3.4	Middle	2	2	28.81	7.97	20.28	72.6	5.03	2.8	3.5
HKLR	HY/2011/03	2014-06-30	Mid-Flood	Sunny	SR10A	07:05:29	5.8	Bottom	3	1	28.68	7.95	22.31	70.2	4.79	2.6	5.1
HKLR	HY/2011/03	2014-06-30	Mid-Flood	Sunny	SR10A	07:06:12	5.8	Bottom	3	2	28.75	7.96	21.88	69.2	4.73	2.7	5.7
HKLR	HY/2011/03	2014-06-30	Mid-Flood	Sunny	SR10B	06:59:28	1.0	Surface	1	1	27.81	7.97	25.44	73.3	5.05	4.7	4.3
HKLR	HY/2011/03	2014-06-30	Mid-Flood	Sunny	SR10B	06:59:05	1.0	Surface	1	2	27.73	7.96	25.5	73	5.03	4.8	3.5
HKLR	HY/2011/03	2014-06-30	Mid-Flood	Sunny	SR10B	06:59:13	4.0	Bottom	3	1	27.5	7.95	28.18	70.6	4.89	4.6	4.3
HKLR	HY/2011/03	2014-06-30	Mid-Flood	Sunny	SR10B	06:58:55	4.0	Bottom	3	2	27.54	7.94	27.89	72.1	4.99	4.6	4.8
HKLR	HY/2011/03	2014-06-30	Mid-Flood	Sunny	CS2	09:39:42	1.0	Surface	1	1	29.1	8.03	17.86	78.1	5.44	4.2	3
HKLR	HY/2011/03	2014-06-30	Mid-Flood	Sunny	CS2	09:38:40	1.0	Surface	1	2	29.1	8.05	17.86	75.4	5.24	4.9	3.1
HKLR	HY/2011/03	2014-06-30	Mid-Flood	Sunny	CS2	09:39:26	3.8	Middle	2	1	29.03	8.03	19.64	74.4	5.12	5.5	3
HKLR	HY/2011/03	2014-06-30	Mid-Flood	Sunny	CS2	09:38:28	3.8	Middle	2	2	28.94	8.04	20.04	74.5	5.13	5.6	3.5
HKLR	HY/2011/03	2014-06-30	Mid-Flood	Sunny	CS2	09:38:09	6.6	Bottom	3	1	28.57	8.01	22.78	70.2	4.84	7.3	4
HKLR	HY/2011/03	2014-06-30	Mid-Flood	Sunny	CS2	09:39:08	6.6	Bottom	3	2	28.77	8	22.09	72	4.92	7.7	4.7
HKLR	HY/2011/03	2014-06-30	Mid-Flood	Sunny	CS(Mf)5	07:35:14	1.0	Surface	1	1	29.04	7.98	19.09	72.4	5.01	2.9	4.2
HKLR	HY/2011/03	2014-06-30	Mid-Flood	Sunny	CS(Mf)5	07:36:26	1.0	Surface	1	2	29.03	7.98	19.08	72.7	5.03	2.8	3.1
HKLR	HY/2011/03	2014-06-30	Mid-Flood	Sunny	CS(Mf)5	07:34:39	6.3	Middle	2	1	27.64	7.99	26.91	72.4	5.01	5.5	3.7
HKLR	HY/2011/03	2014-06-30	Mid-Flood	Sunny	CS(Mf)5	07:35:48	6.3	Middle	2	2	27.62	7.99	26.94	72.2	5.01	5.3	3.2
HKLR	HY/2011/03	2014-06-30	Mid-Flood	Sunny	CS(Mf)5	07:34:23	11.6	Bottom	3	1	27.26	7.98	28.91	71.8	4.98	5.4	3.9
HKLR	HY/2011/03	2014-06-30	Mid-Flood	Sunny	CS(Mf)5	07:35:33	11.6	Bottom	3	2	27.23	7.99	28.97	70.5	4.89	5.4	4


DO Concentrations at Station CS2 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Mar-14
7-Mar-14
13-Mar-14
19-Mar-14
25-Mar-14
31-Mar-14
6-Apr-14
12-Apr-14
18-Apr-14
24-Apr-14
30-Apr-14
6-May-14
12-May-14
18-May-14
24-May-14
30-May-14
5-Jun-14
11-Jun-14
17-Jun-14
23-Jun-14
29-Jun-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


DO Concentrations at Station CS2 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


DO Concentrations at Station CS(Mf)5 (Mid Ebb)
Concentration (mg/L)
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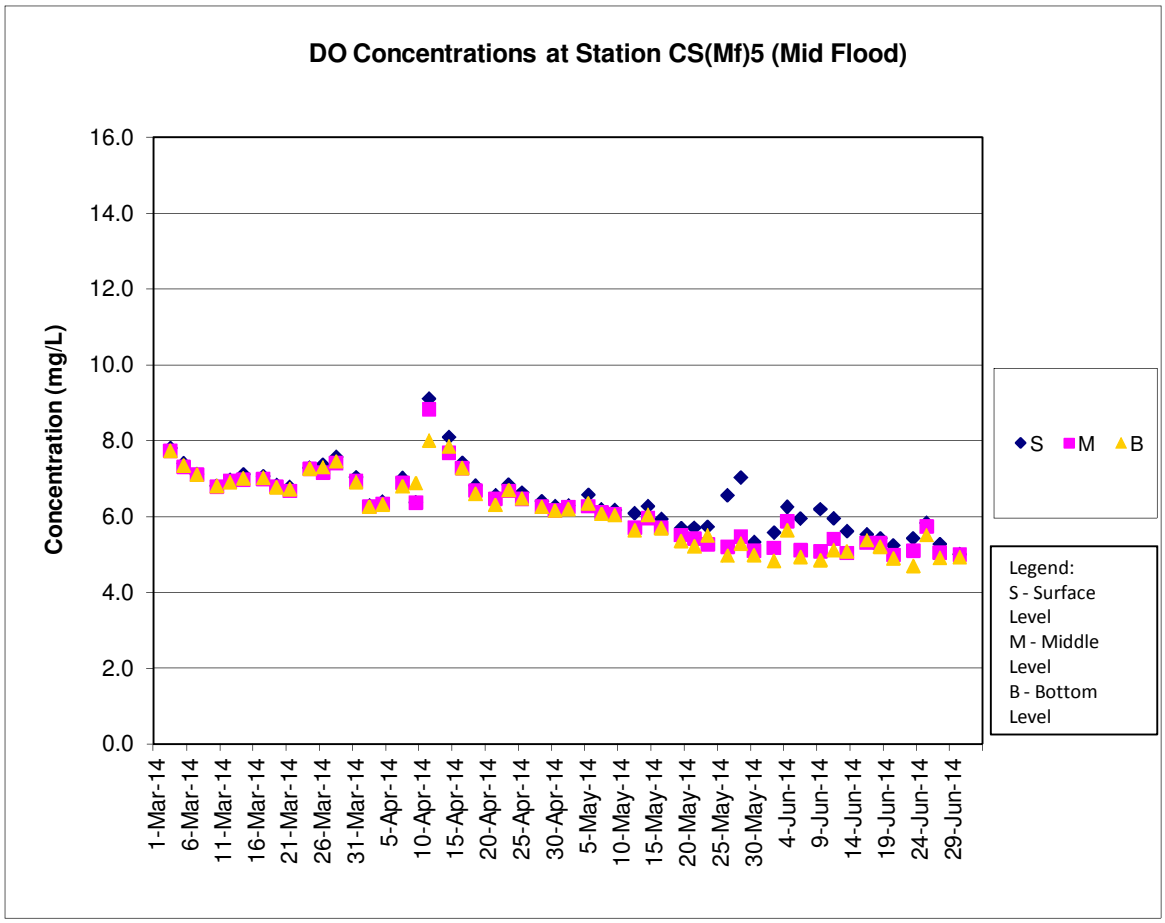
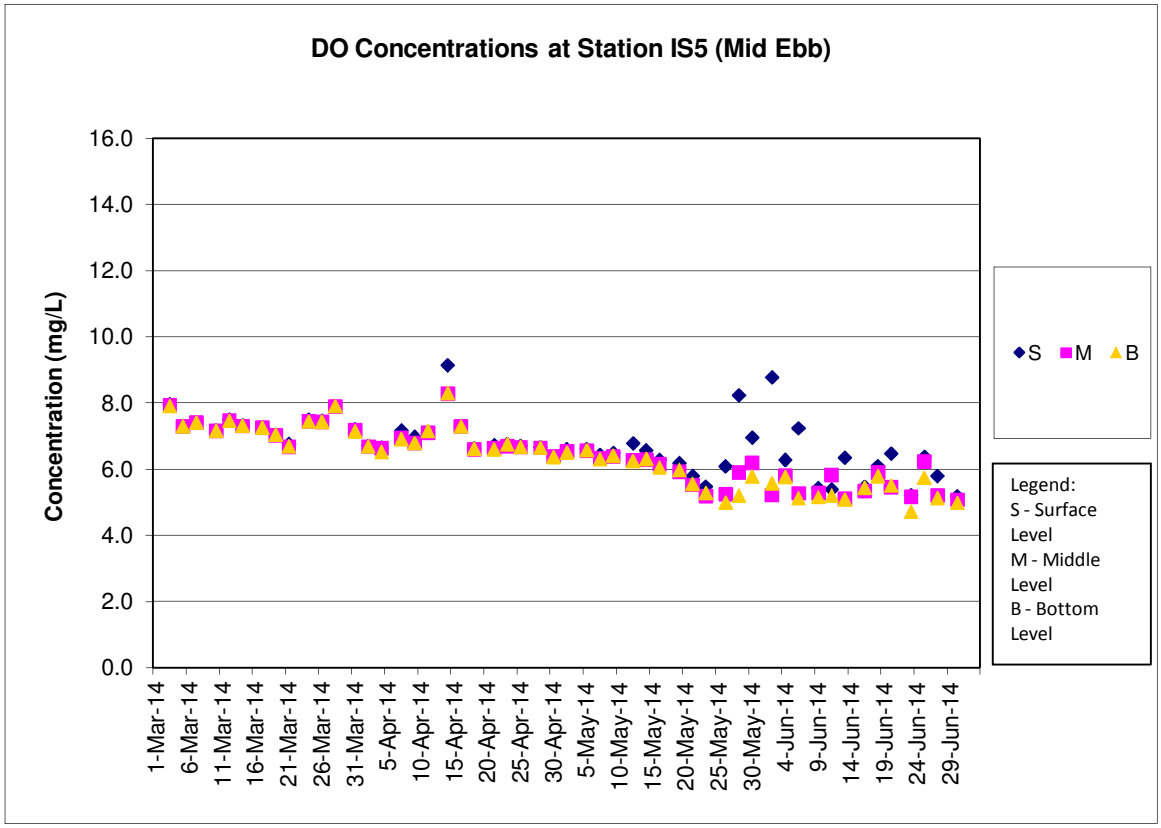
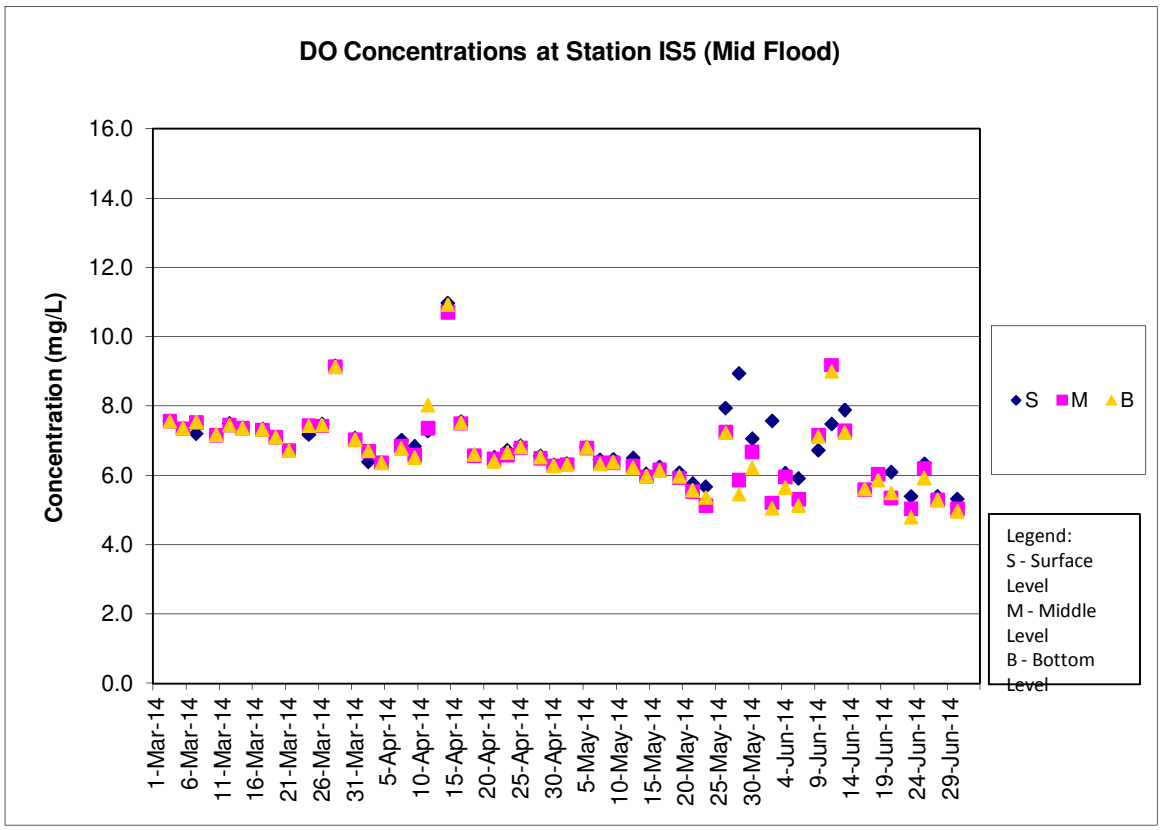
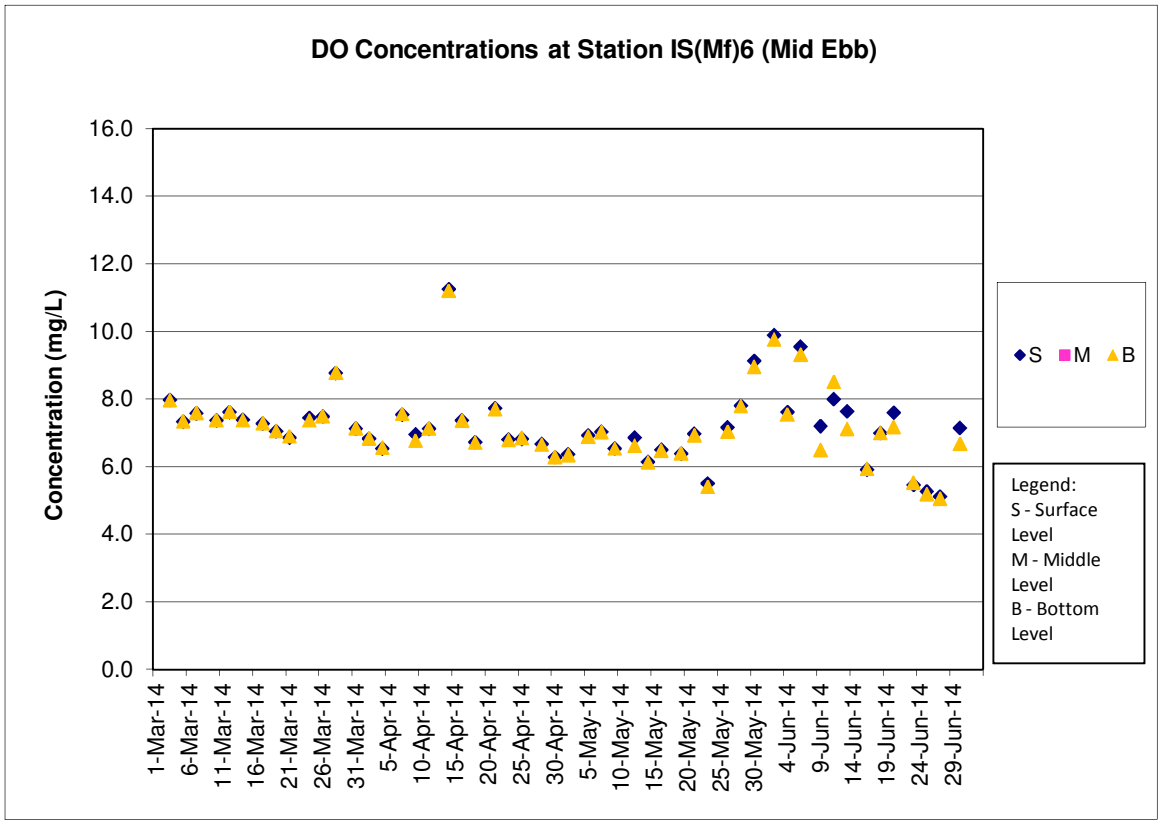
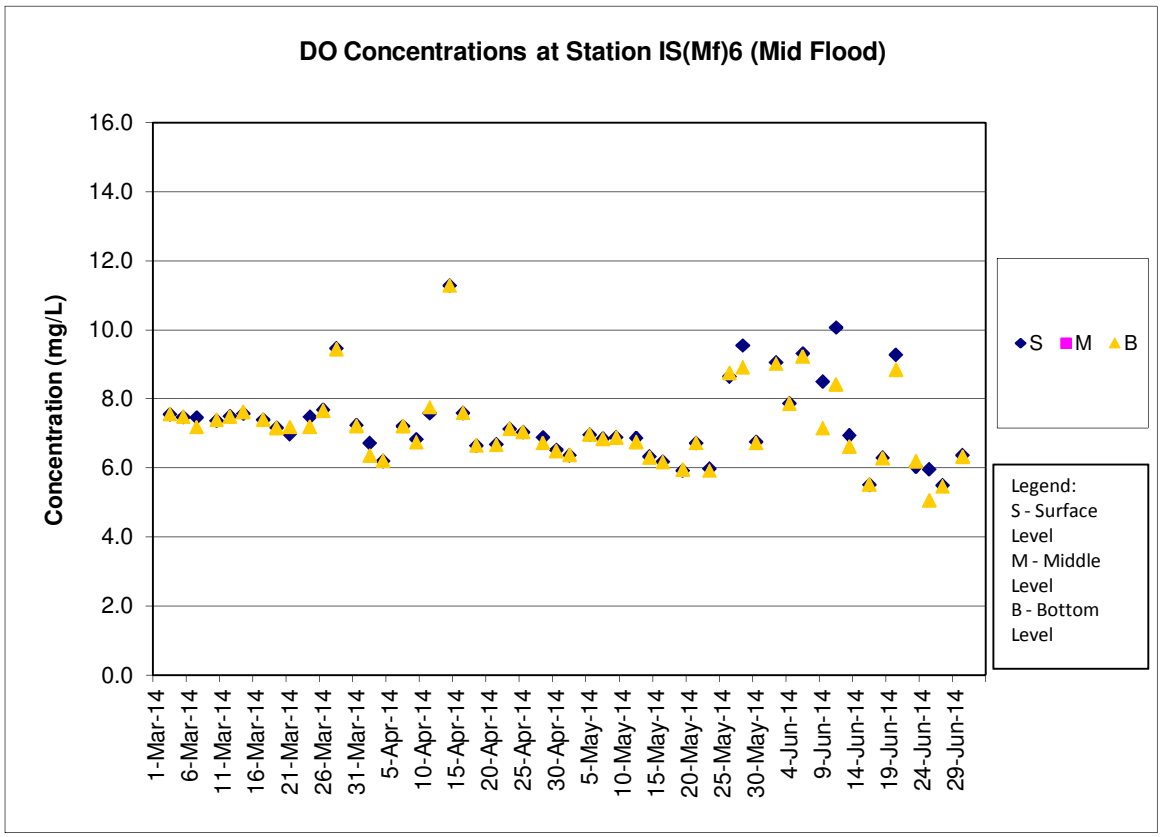
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

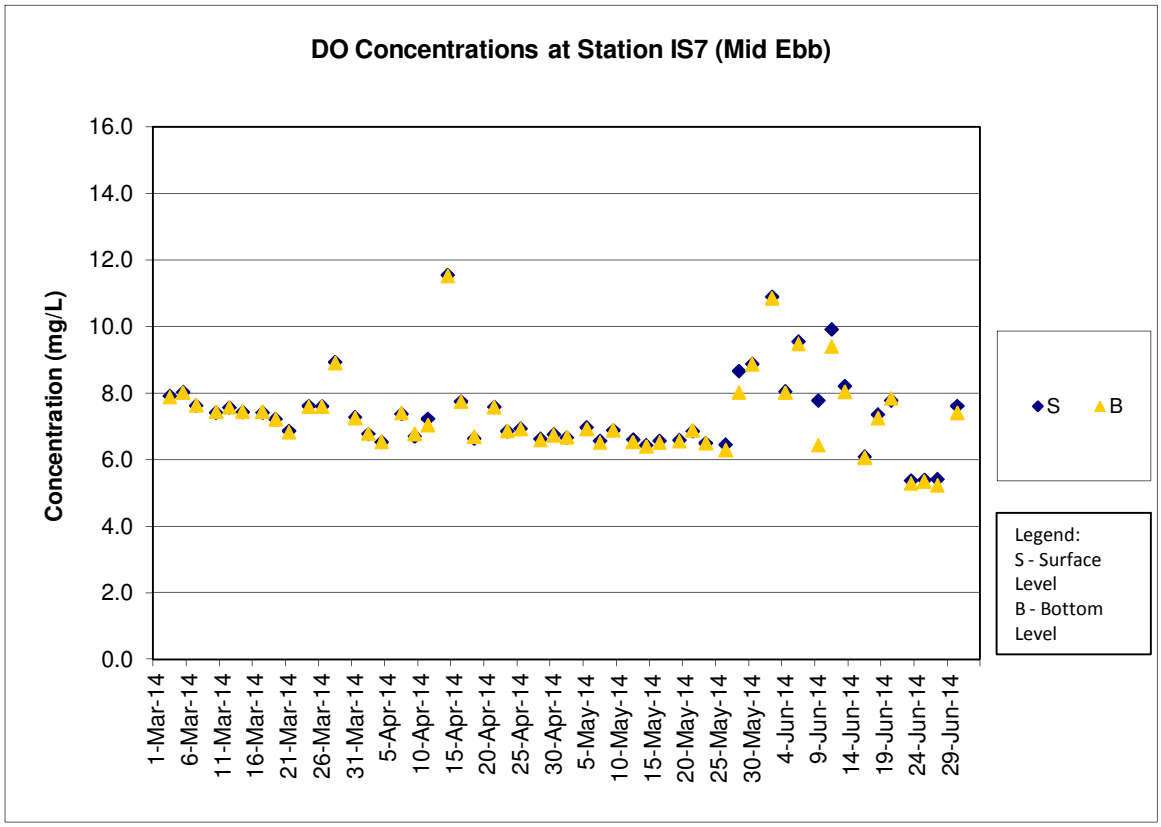

DO Concentrations at Station CS(Mf)5 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

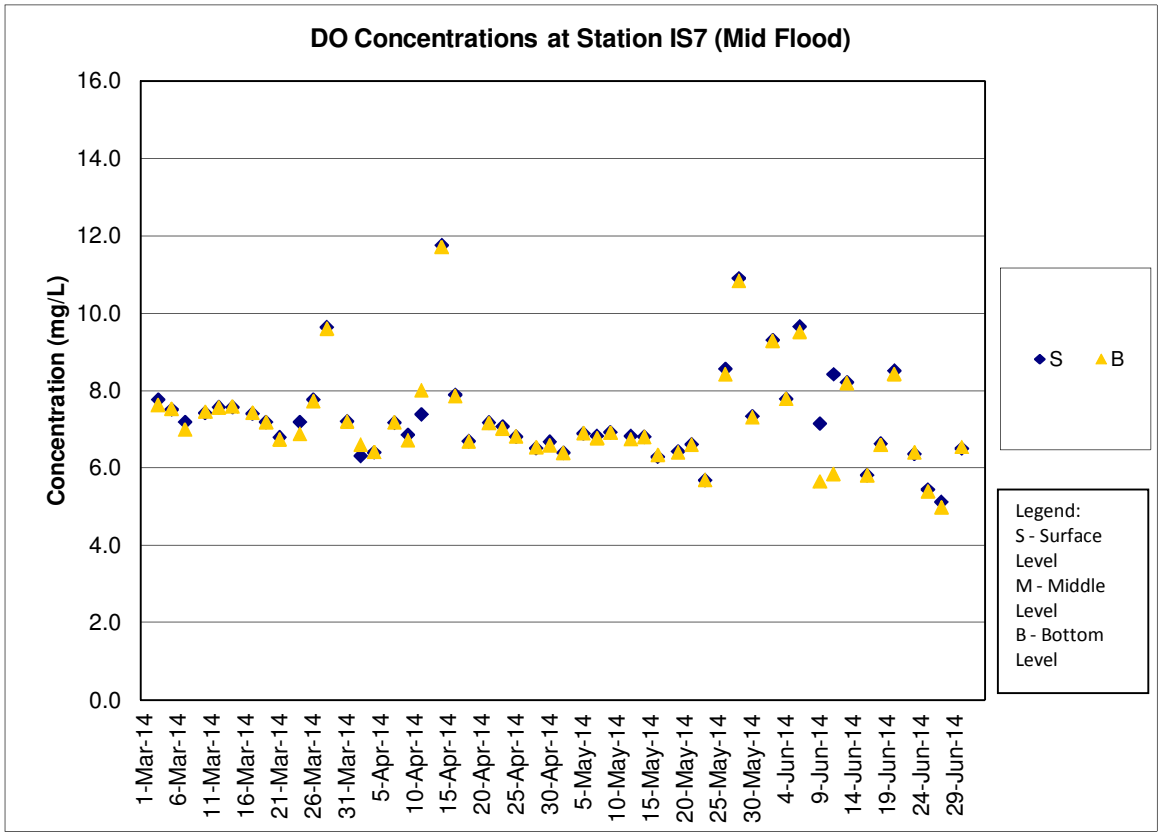

DO Concentrations at Station IS5 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

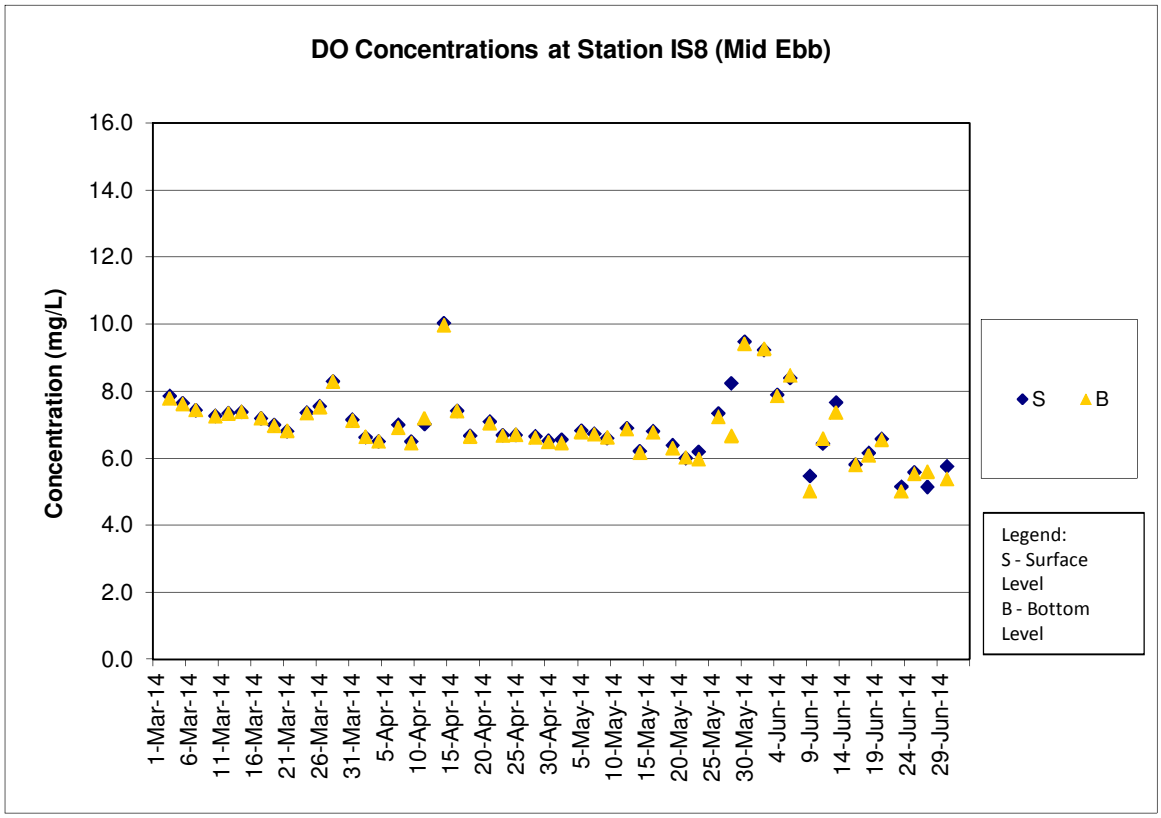

DO Concentrations at Station IS5 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


DO Concentrations at Station IS(Mf)6 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


DO Concentrations at Station IS(Mf)6 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


DO Concentrations at Station IS7 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S
B
Legend:
S - Surface Level
B - Bottom Level


DO Concentrations at Station IS7 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


DO Concentrations at Station IS8 (Mid Ebb)
Concentration (mg/L)
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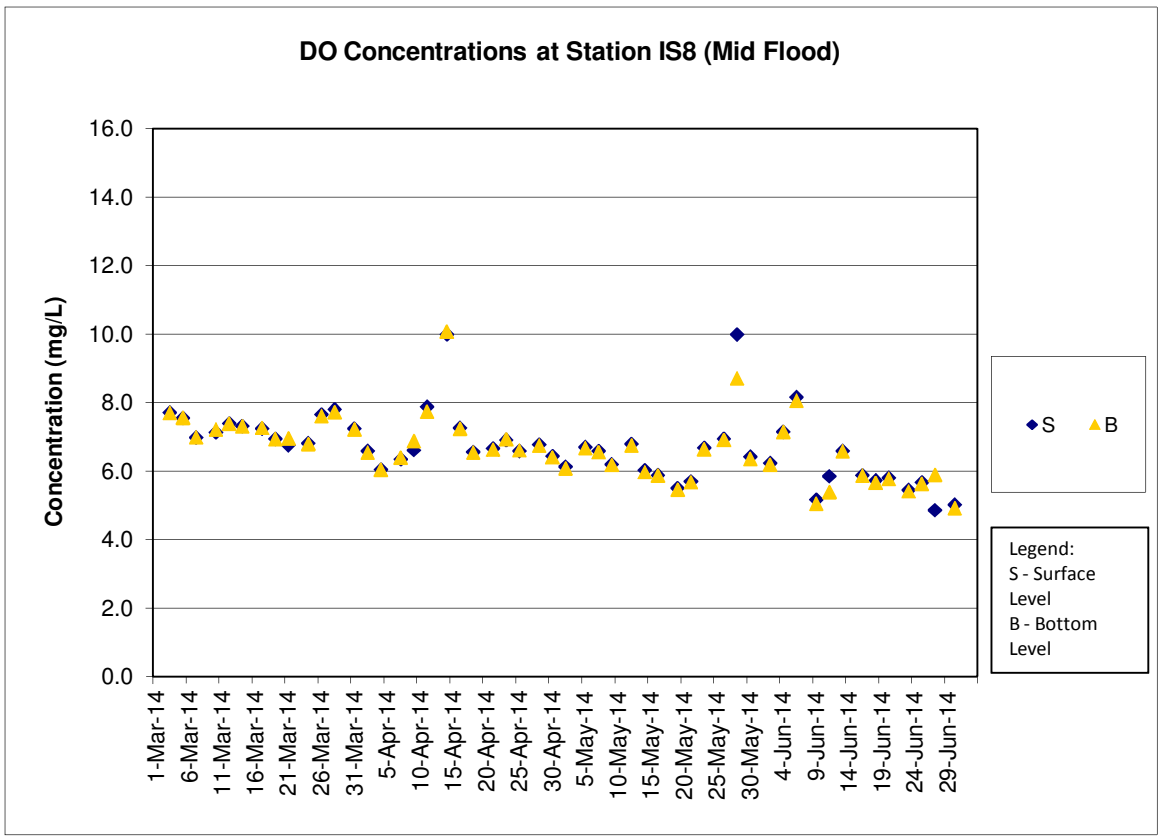
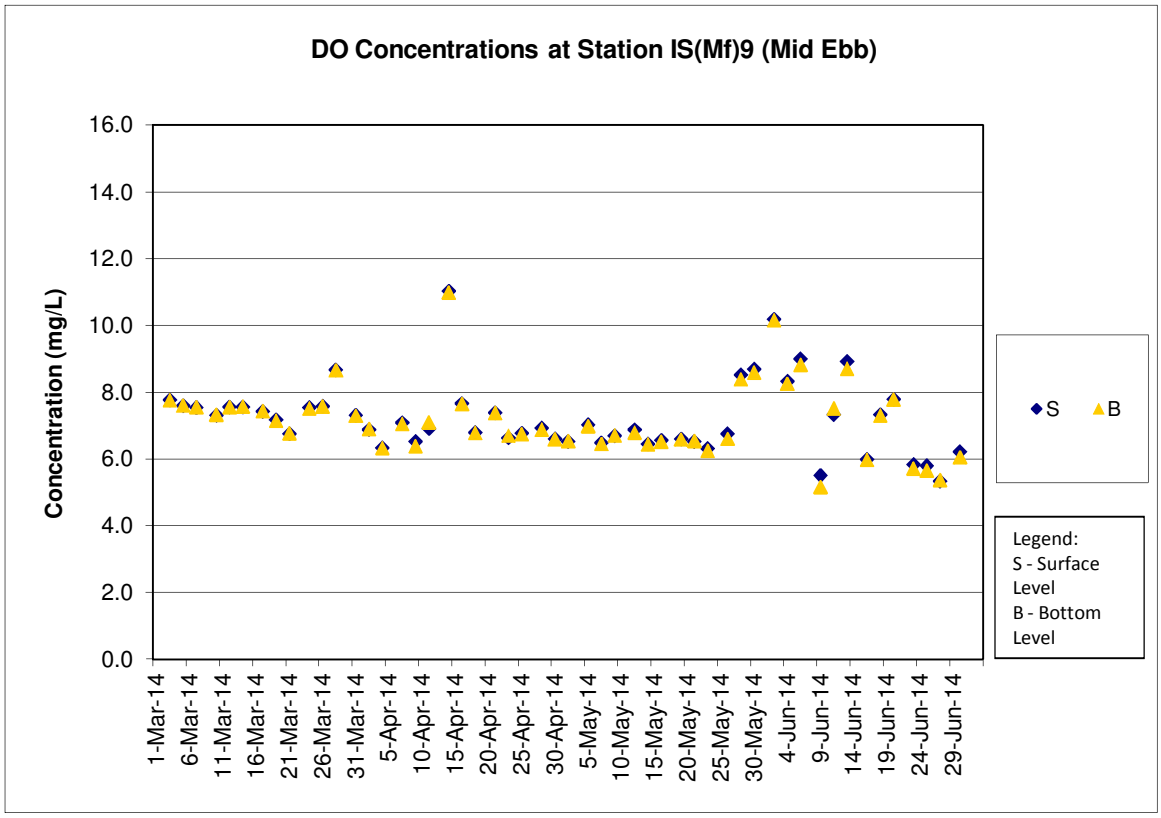
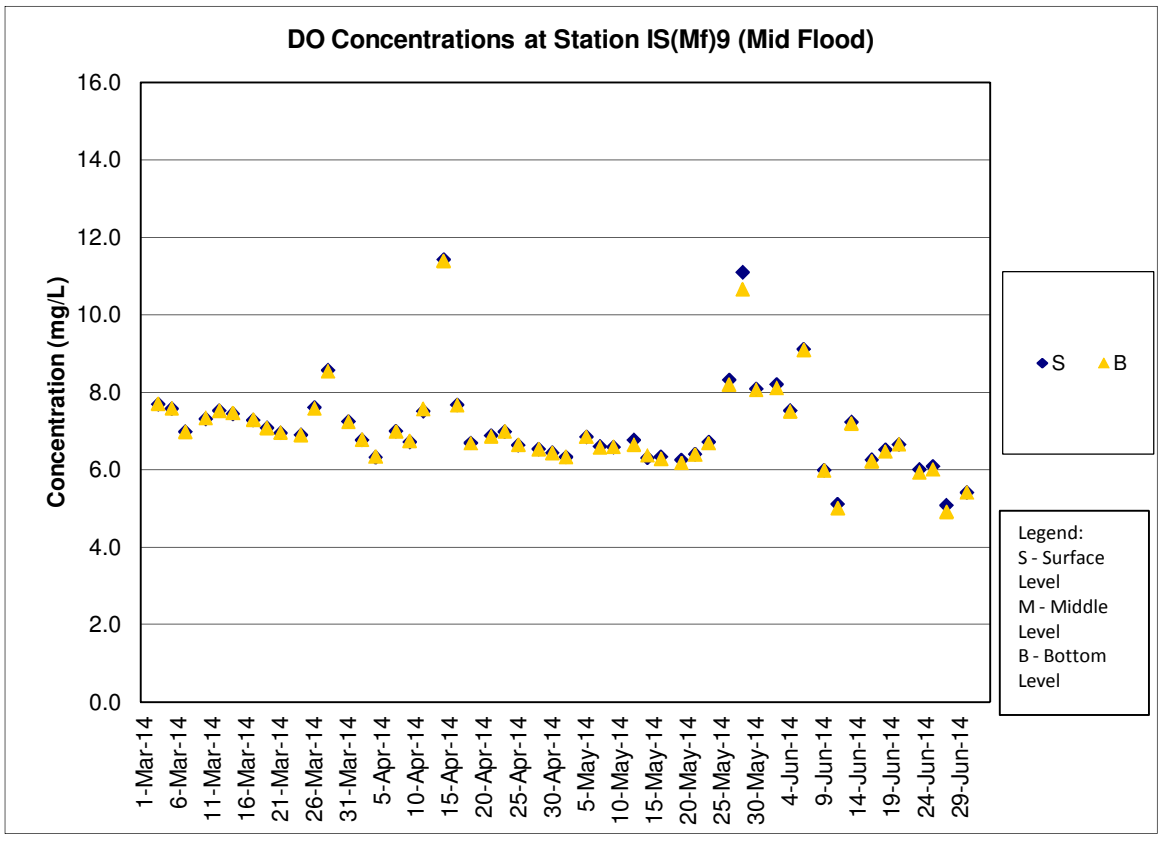
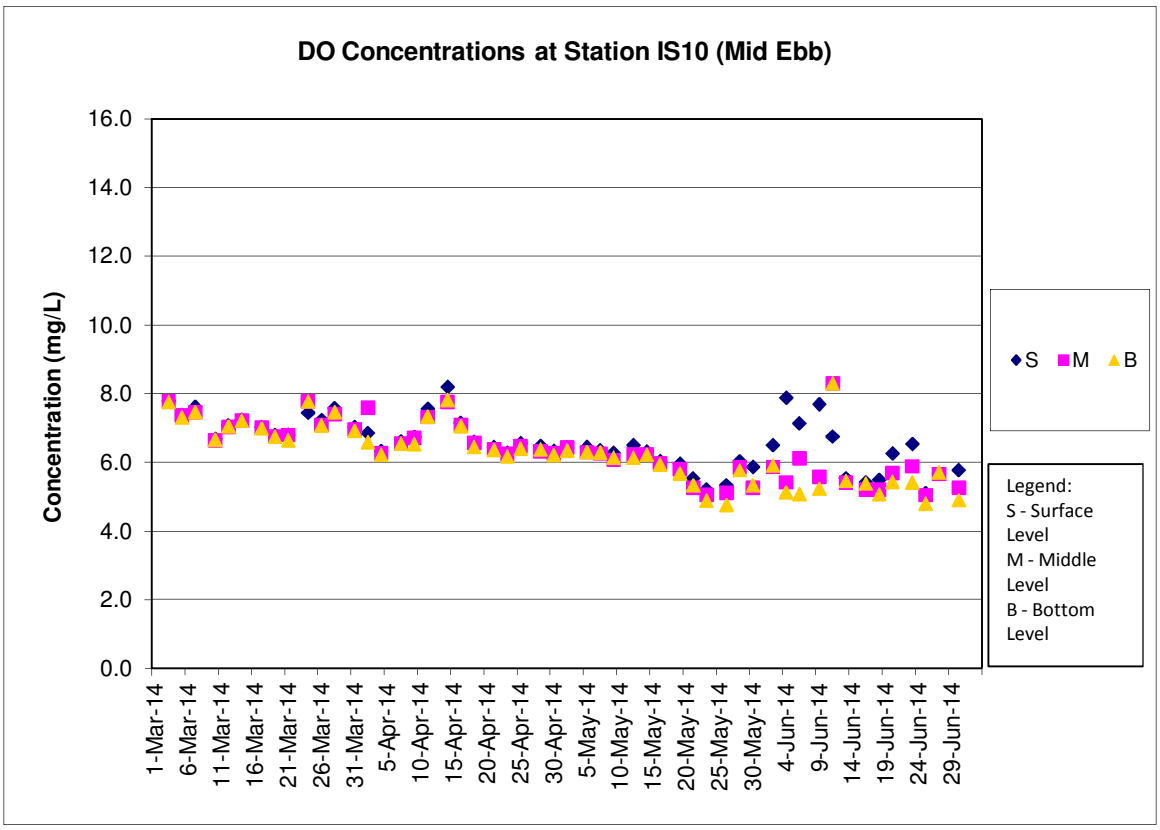
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S
B
Legend:
S - Surface Level
B - Bottom Level


DO Concentrations at Station IS8 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S
B
Legend:
S - Surface Level
B - Bottom Level


DO Concentrations at Station IS(Mf)9 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S
B
Legend:
S - Surface Level
B - Bottom Level


DO Concentrations at Station IS(Mf)9 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


DO Concentrations at Station IS10 (Mid Ebb)
Concentration (mg/L)
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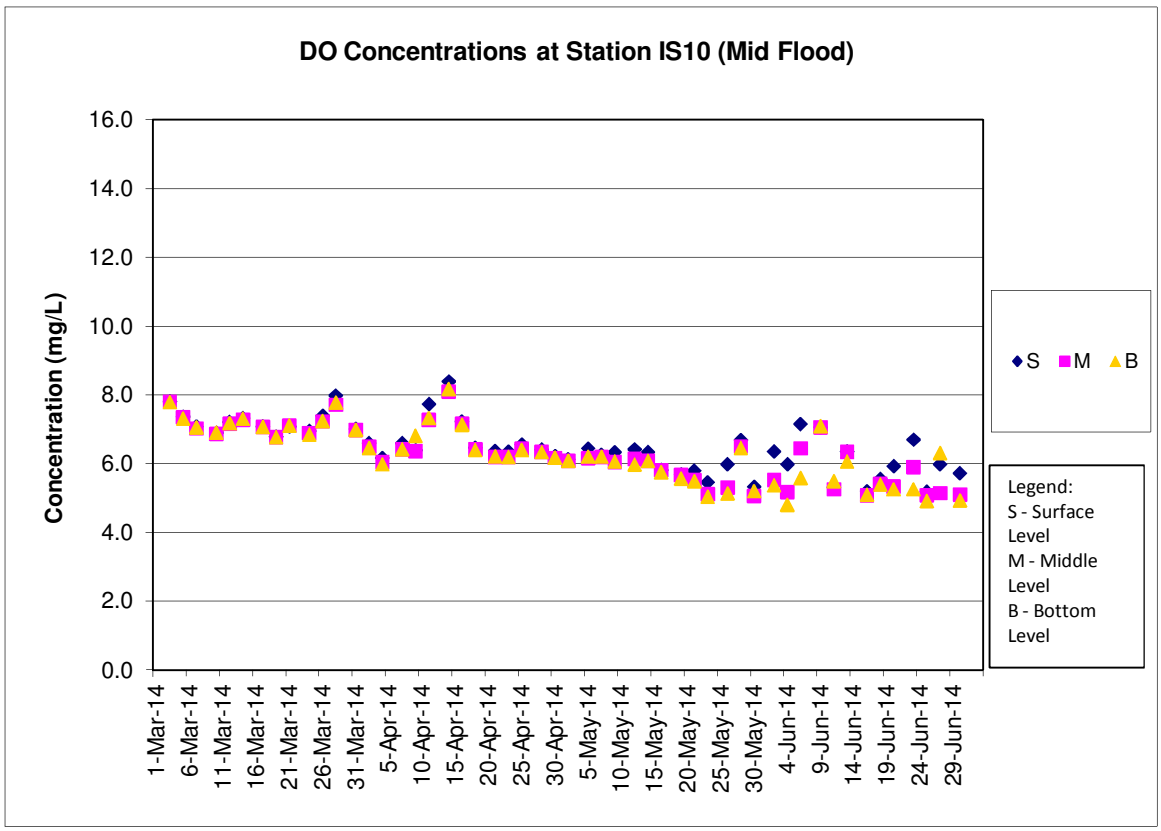
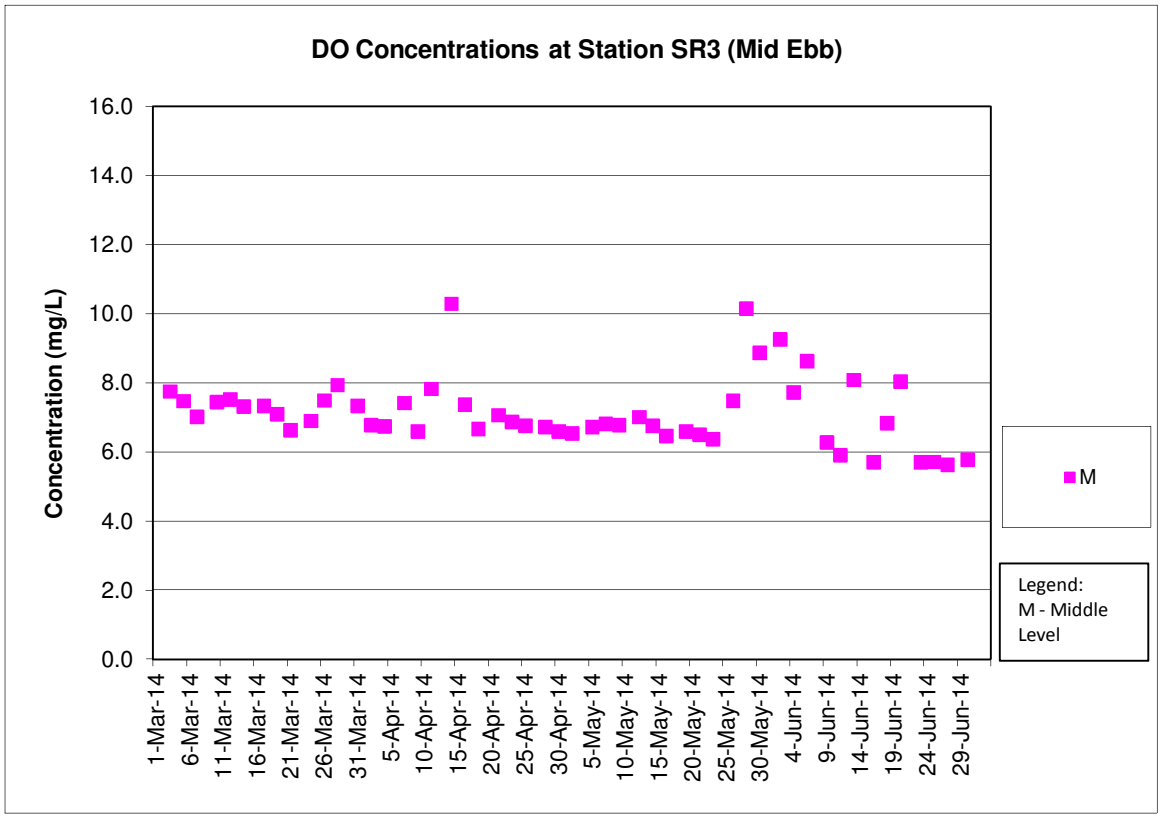
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


DO Concentrations at Station IS10 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


DO Concentrations at Station SR3 (Mid Ebb)
Concentration (mg/L)
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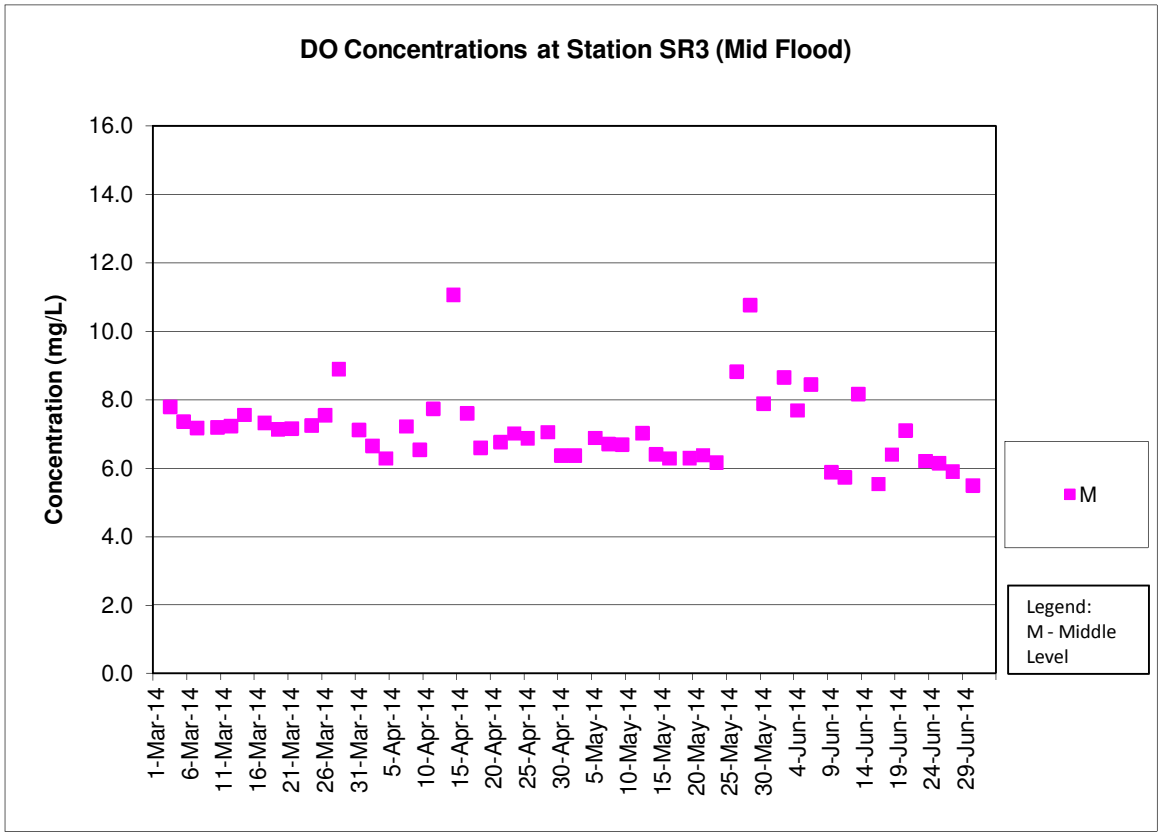
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
M
Legend:
M - Middle
Level


DO Concentrations at Station SR3 (Mid Flood)
Concentration (mg/L)
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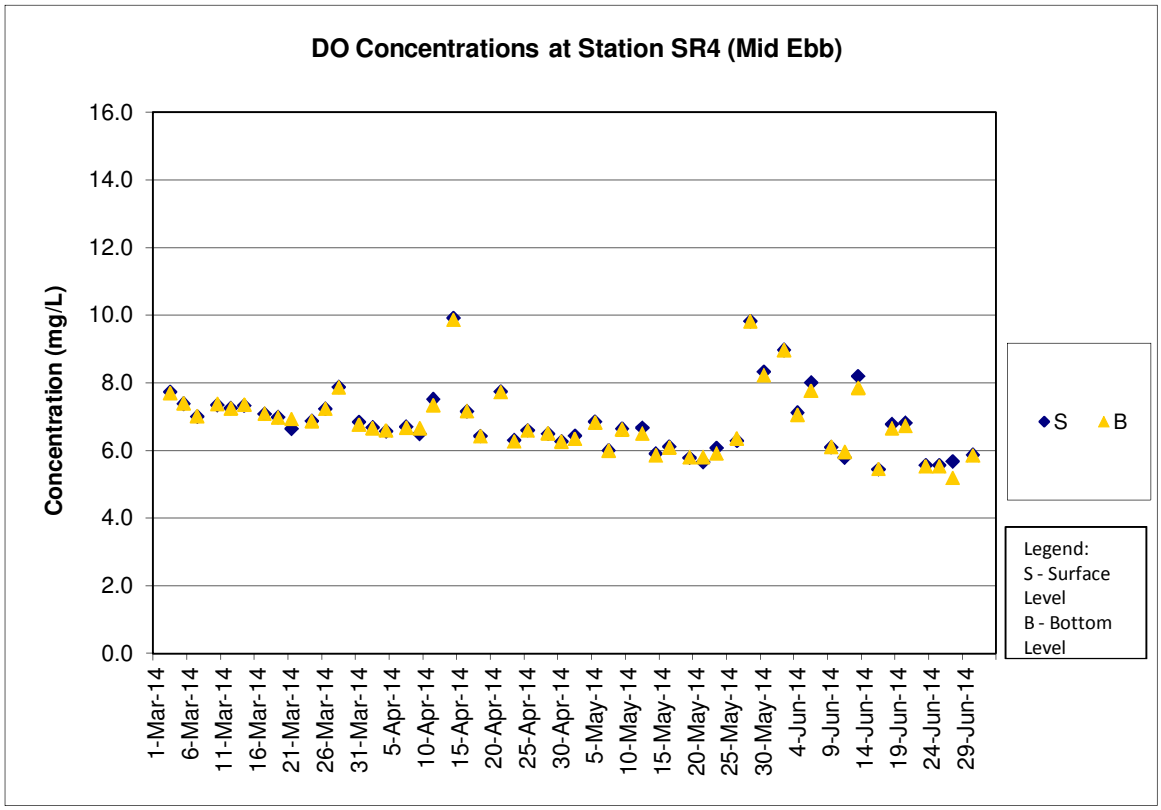
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
M
Legend:
M - Middle
Level


DO Concentrations at Station SR4 (Mid Ebb)
Concentration (mg/L)
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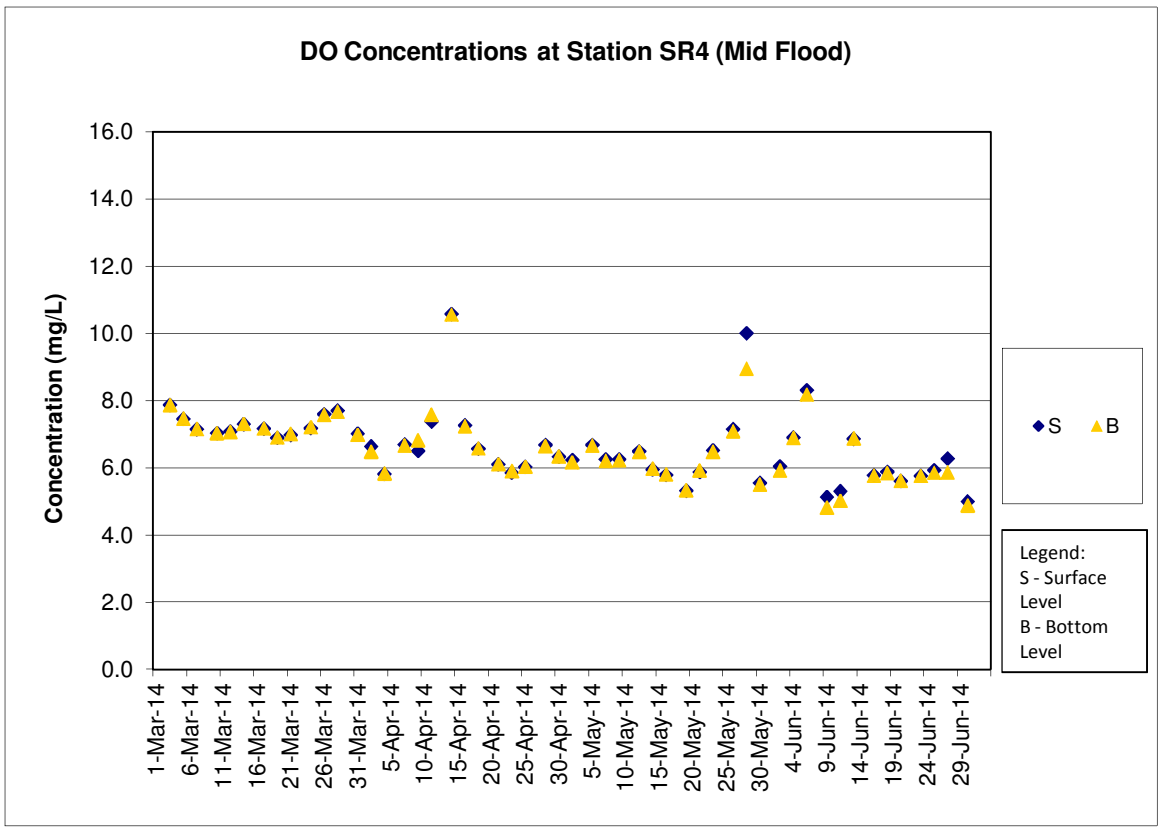
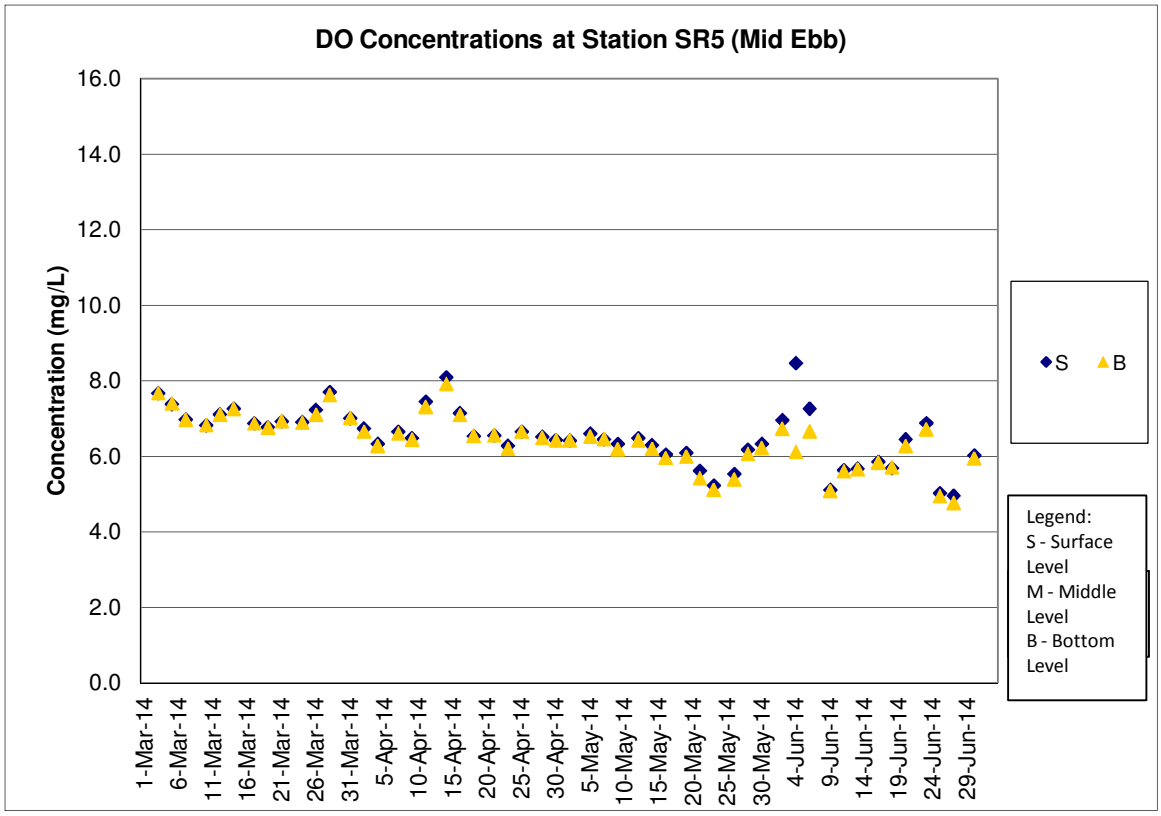
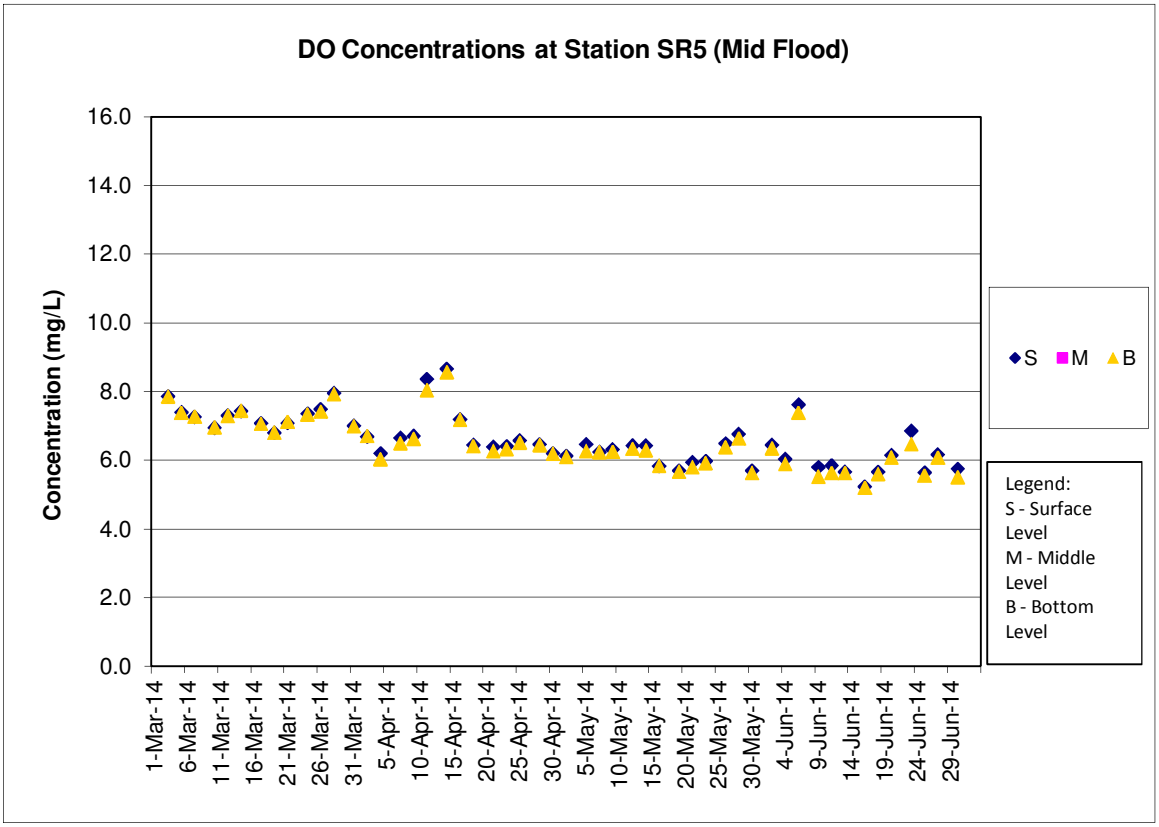
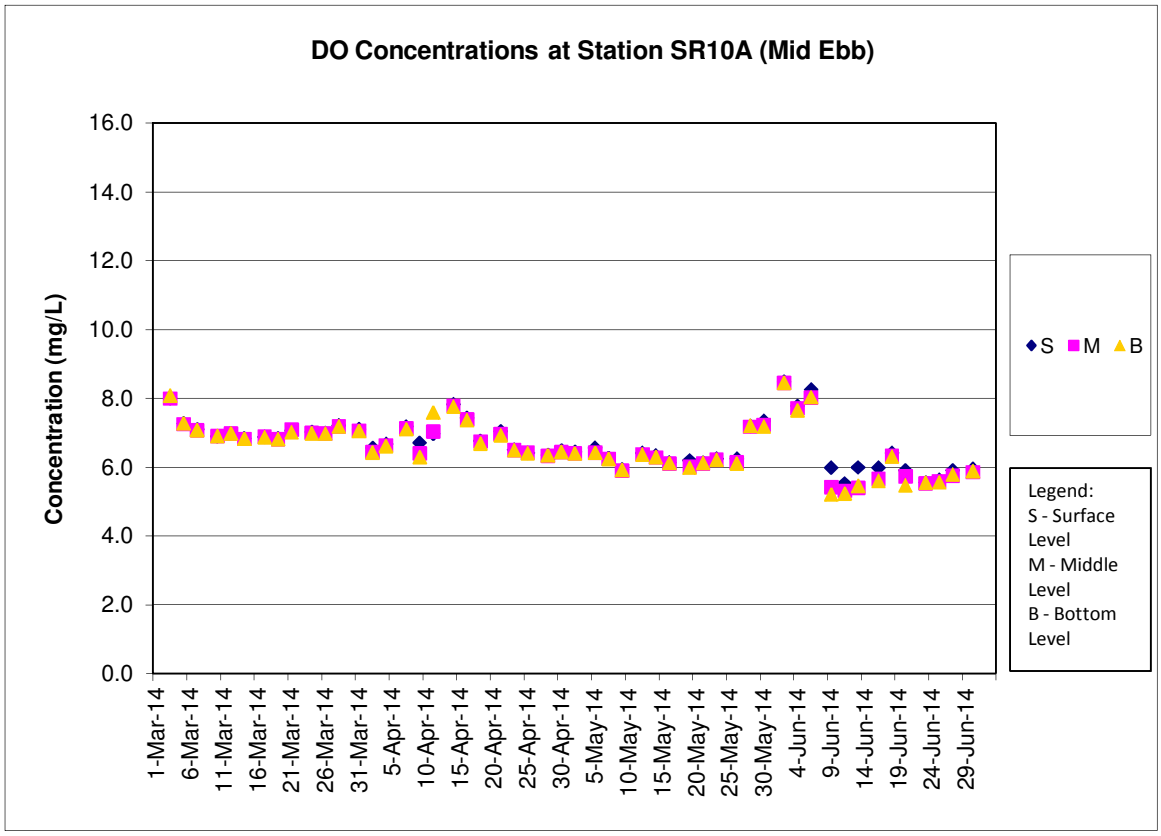
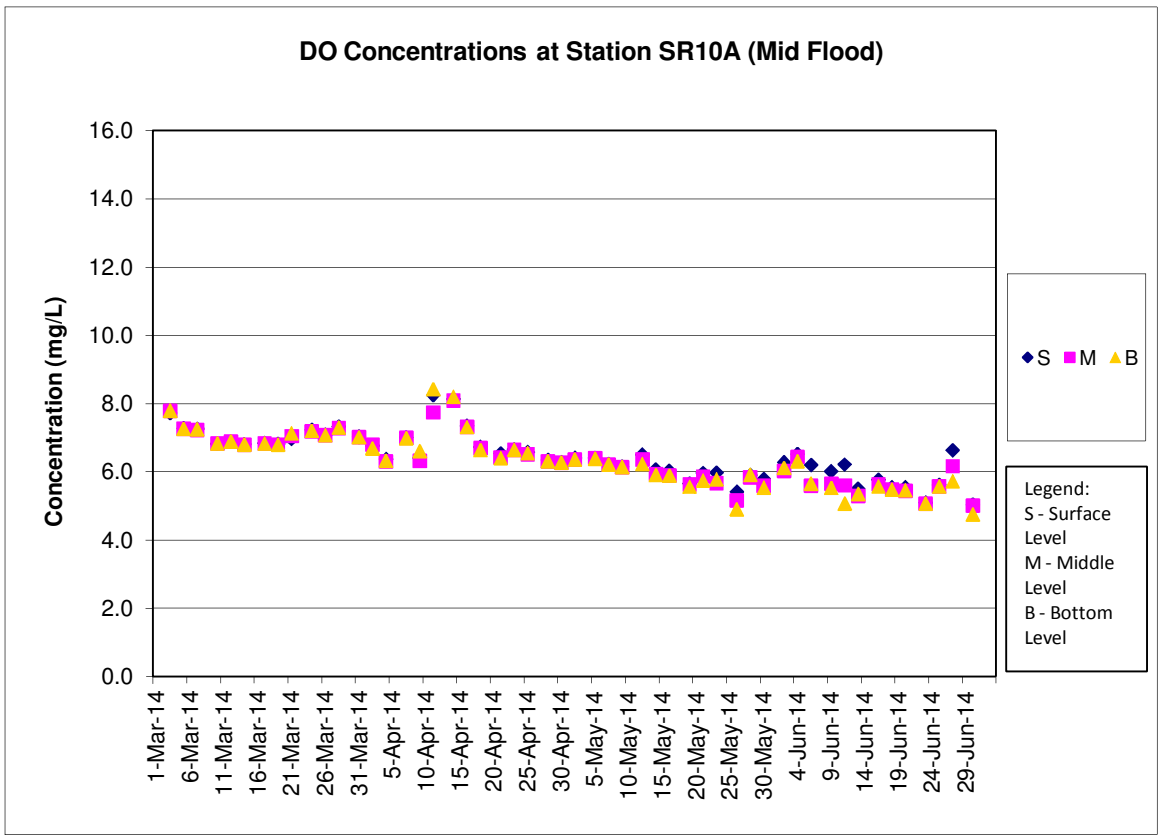
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S
B
Legend:
S - Surface Level
B - Bottom Level

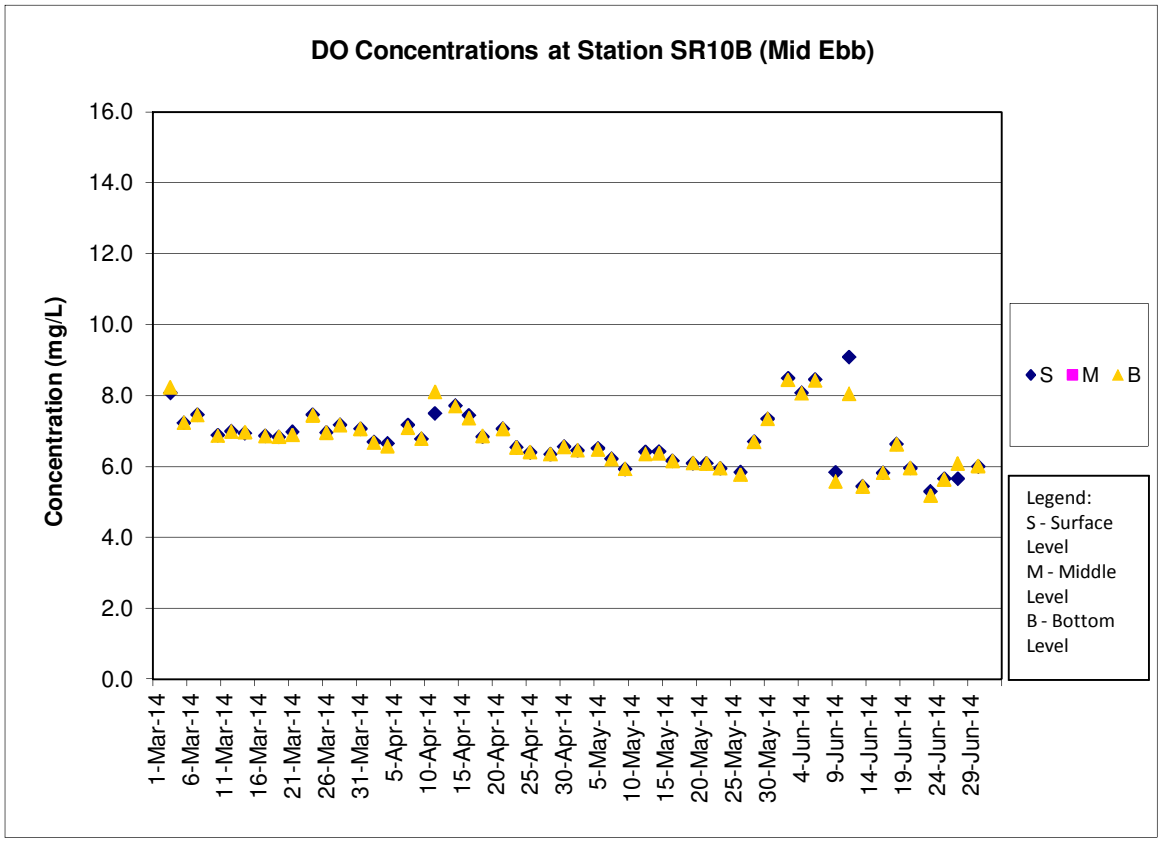

DO Concentrations at Station SR4 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S
B
Legend:
S - Surface Level
B - Bottom Level

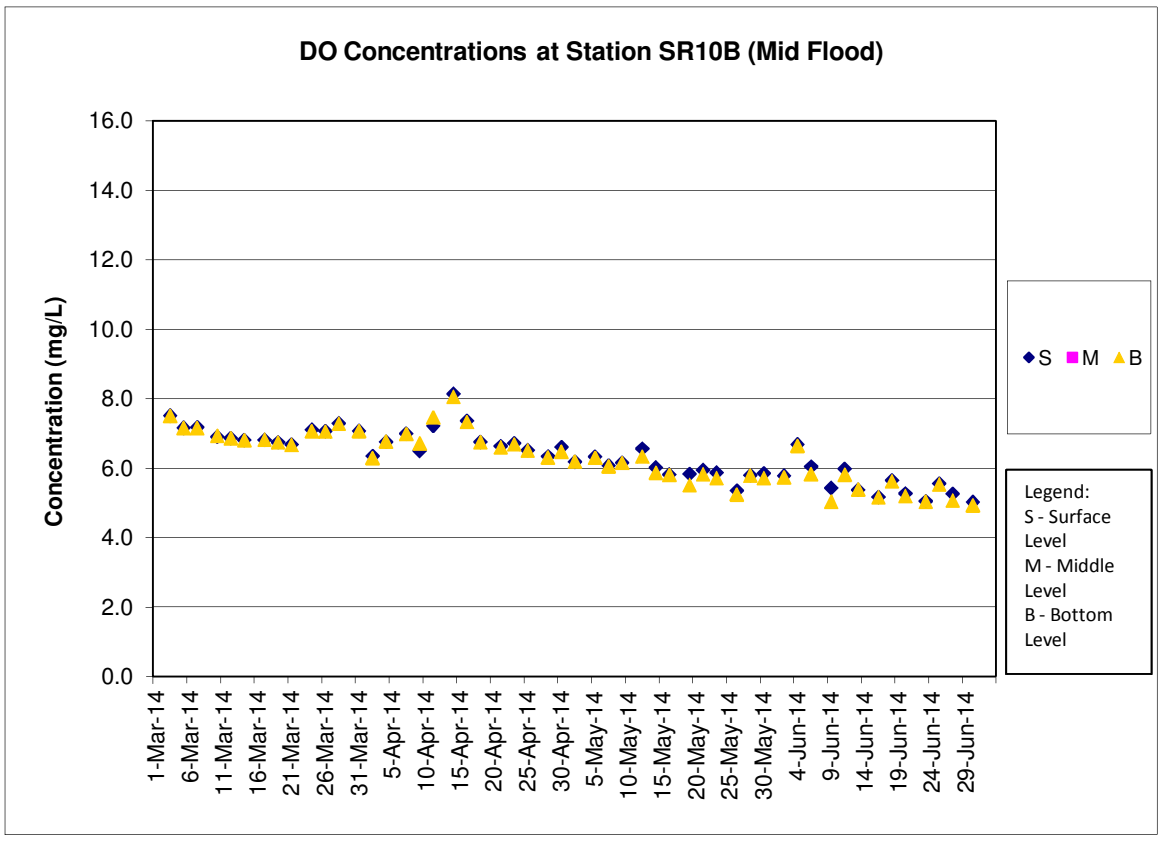

DO Concentrations at Station SR5 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


DO Concentrations at Station SR5 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


DO Concentrations at Station SR10A (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


DO Concentrations at Station SR10A (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


DO Concentrations at Station SR10B (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


DO Concentrations at Station SR10B (Mid Flood)
Concentration (mg/L)
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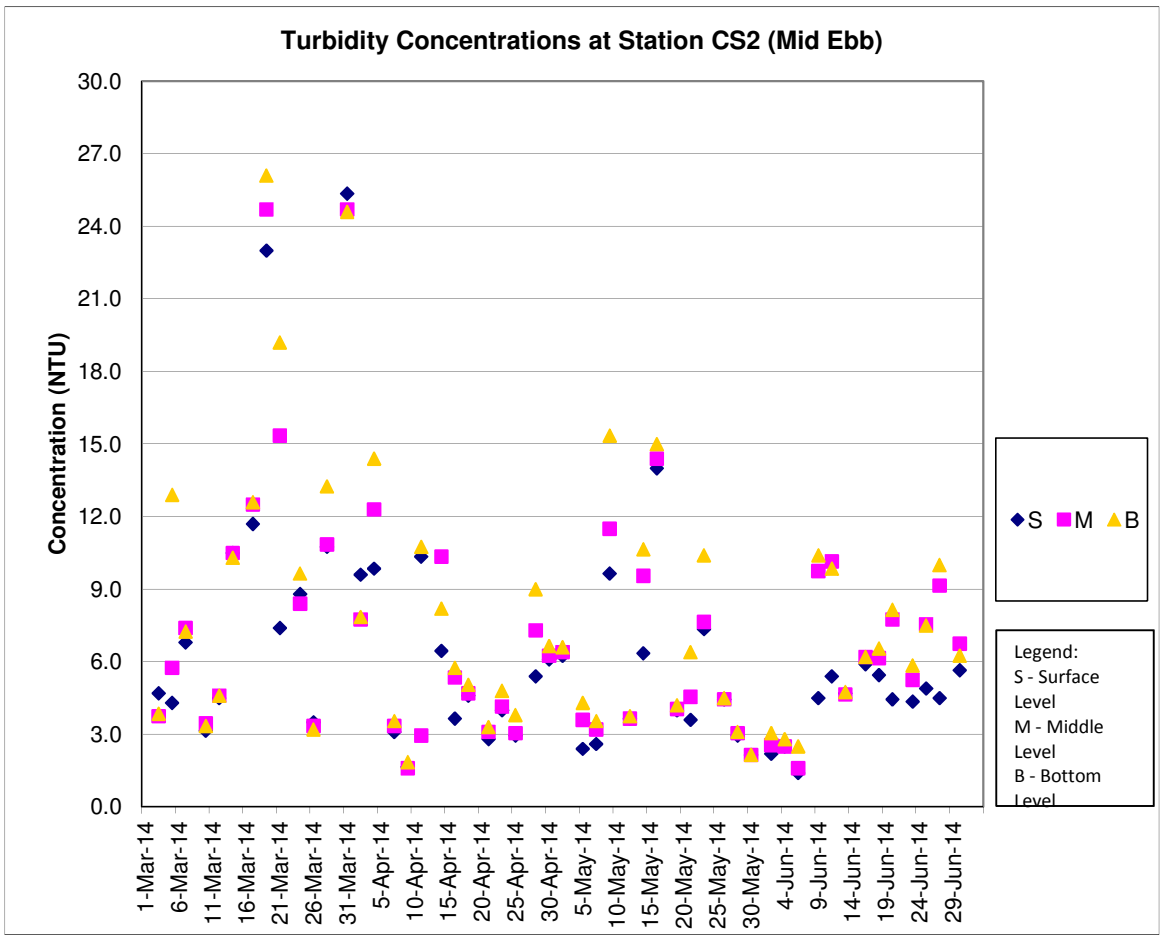
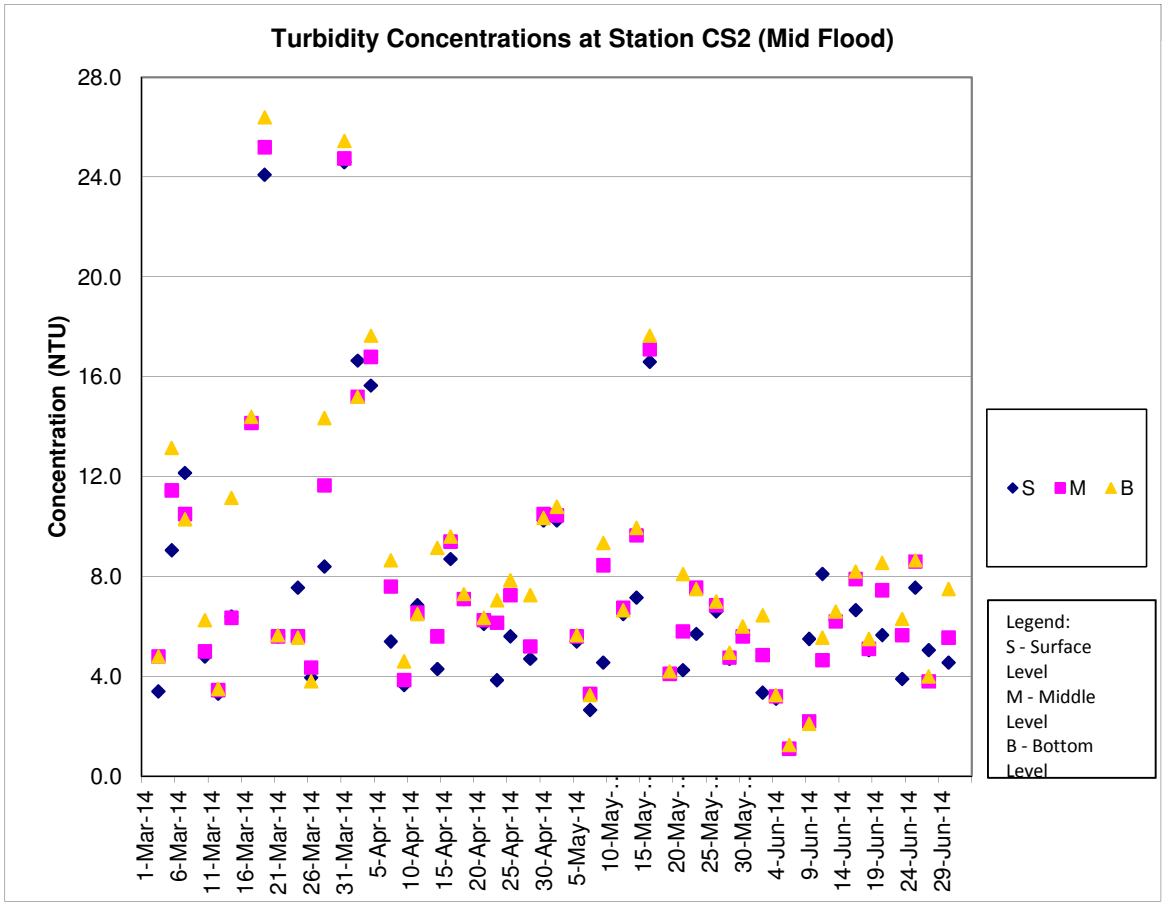
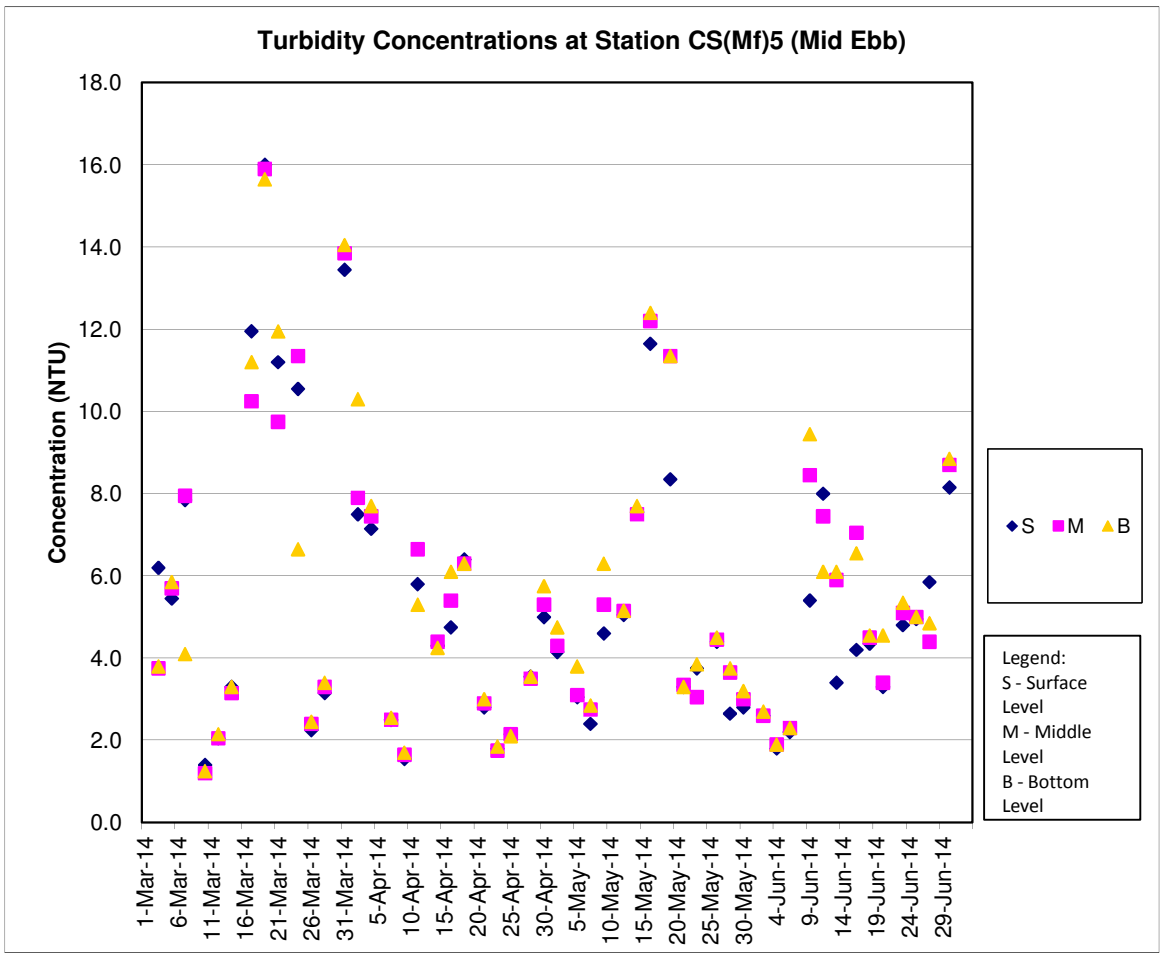
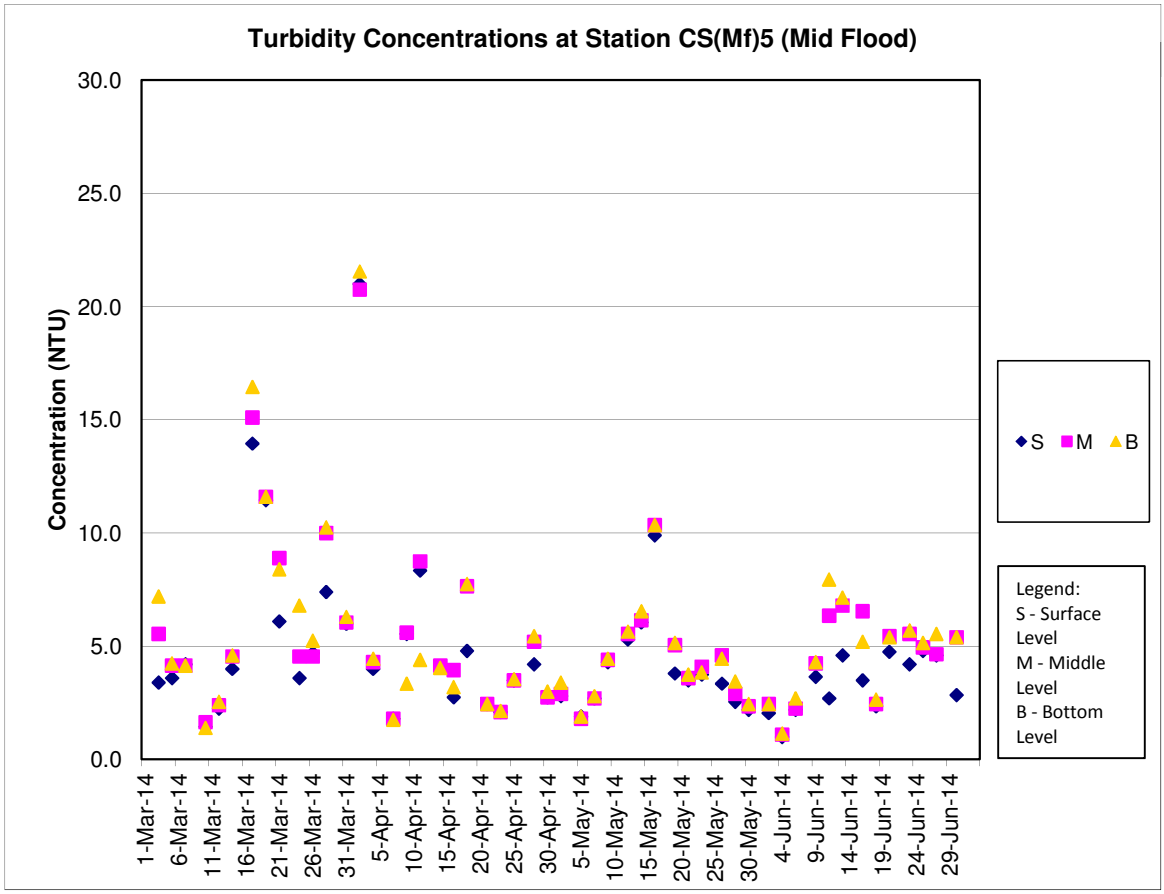
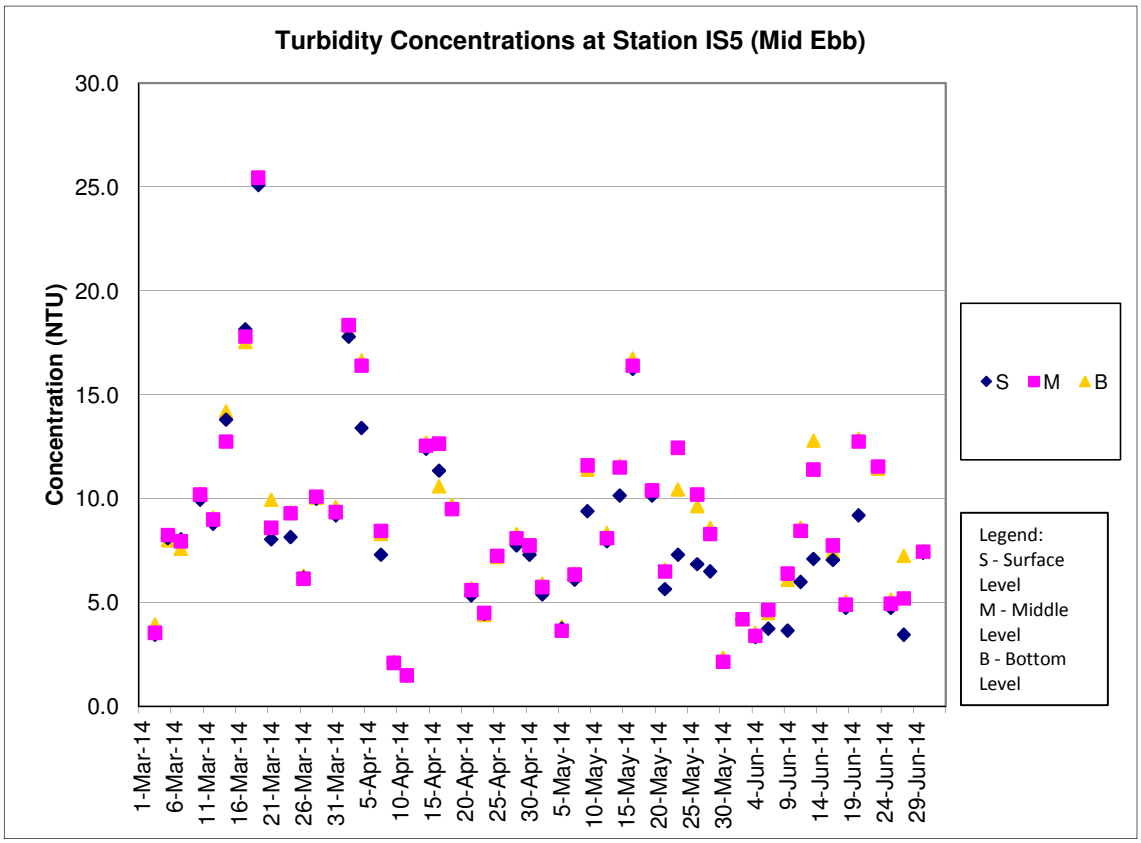
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

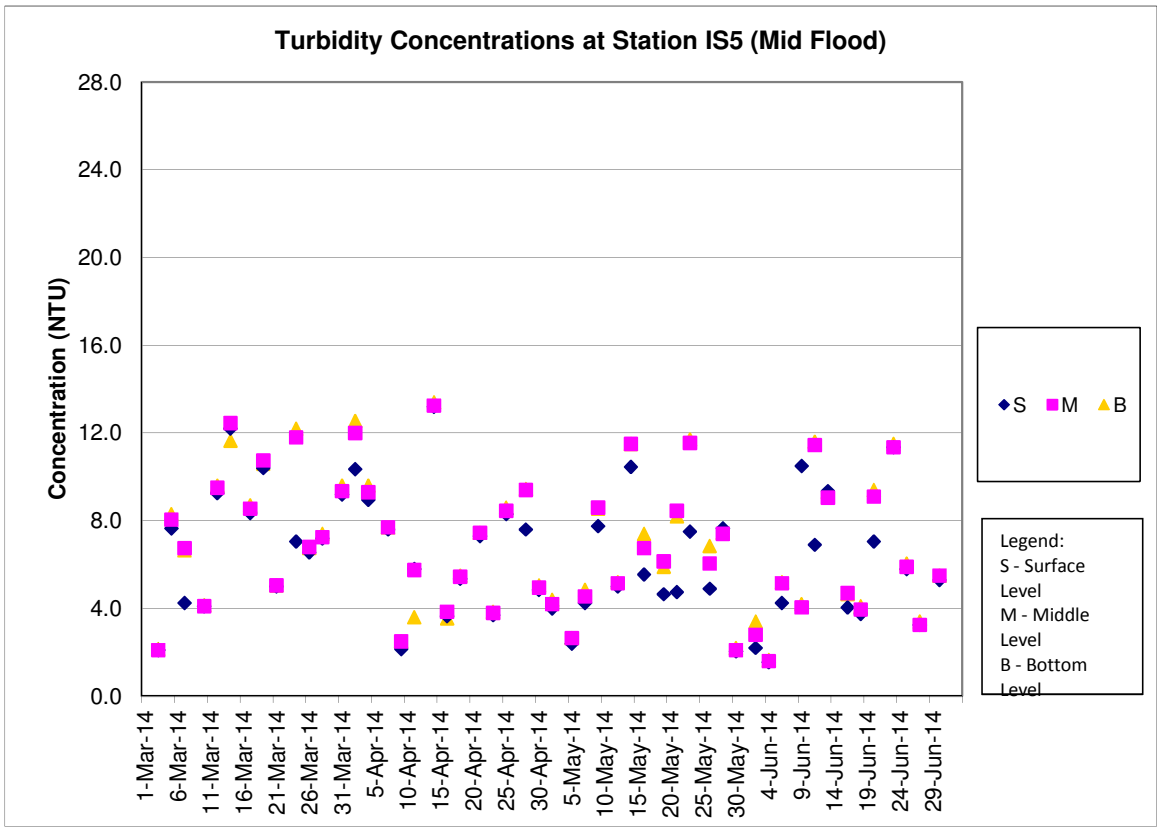

Turbidity Concentrations at Station CS2 (Mid Ebb)
Concentration (NTU)
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

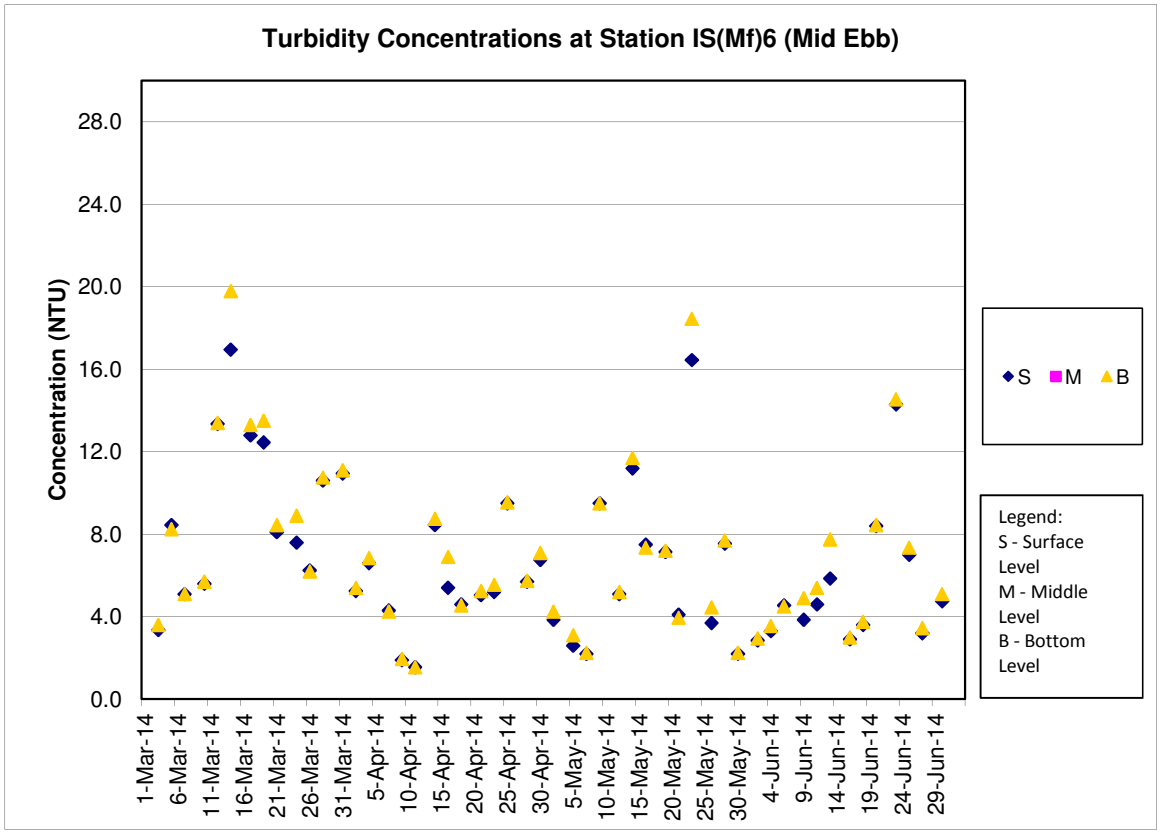

Turbidity Concentrations at Station CS2 (Mid Flood)
Concentration (NTU)
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-...
15-May-...
20-May-...
25-May-...
30-May-...
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

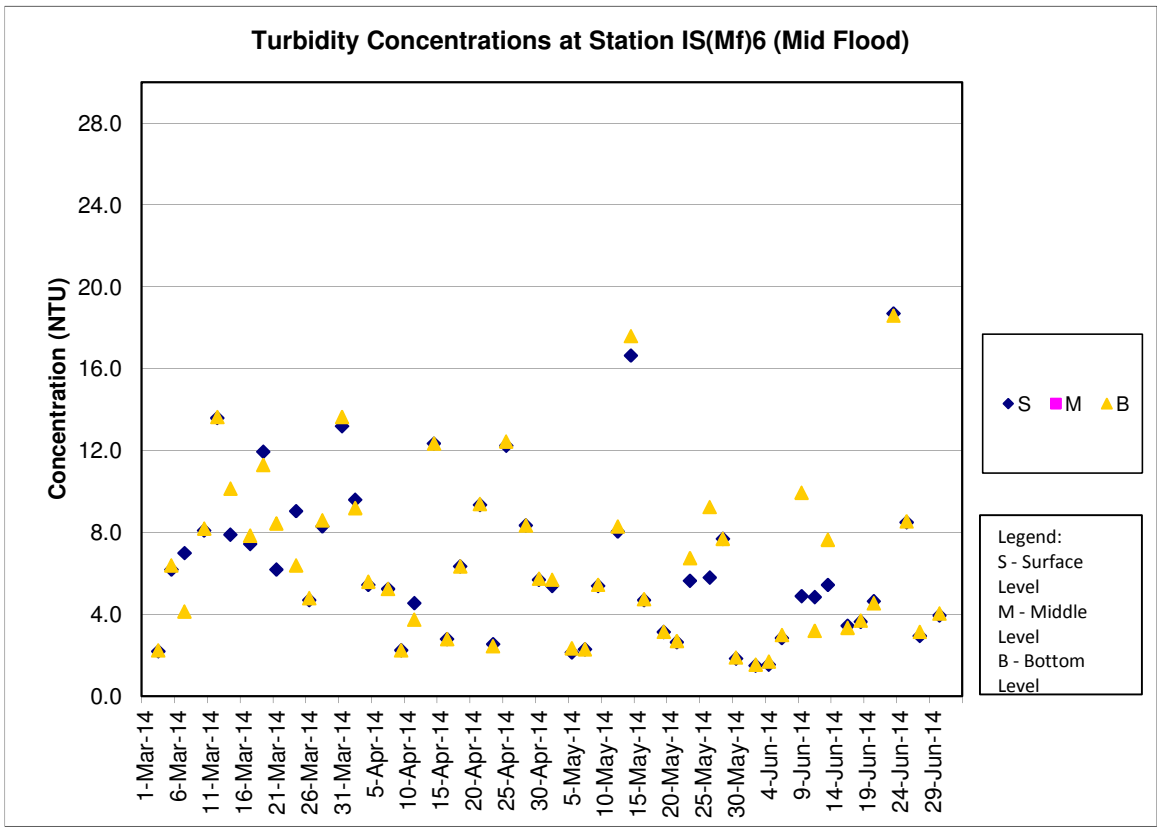

Turbidity Concentrations at Station CS(Mf)5 (Mid Ebb)
Concentration (NTU)
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

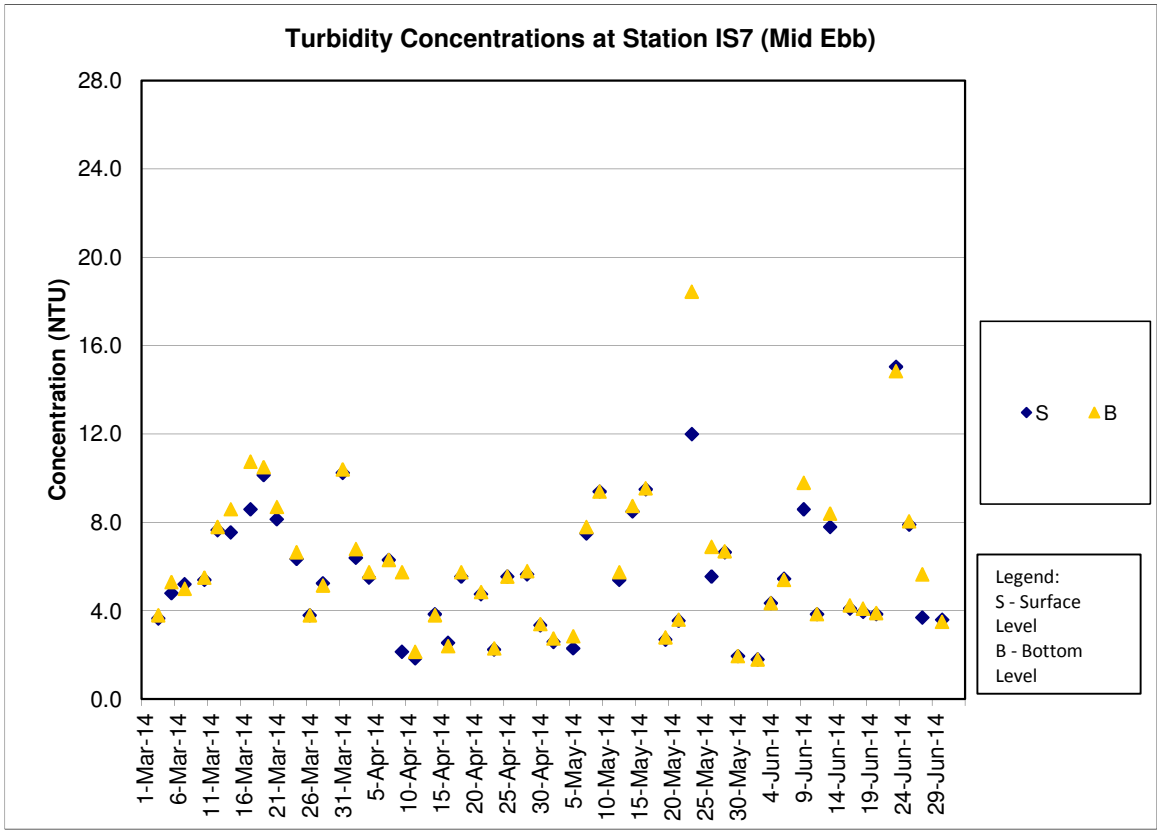

Turbidity Concentrations at Station CS(Mf)5 (Mid Flood)
Concentration (NTU)
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

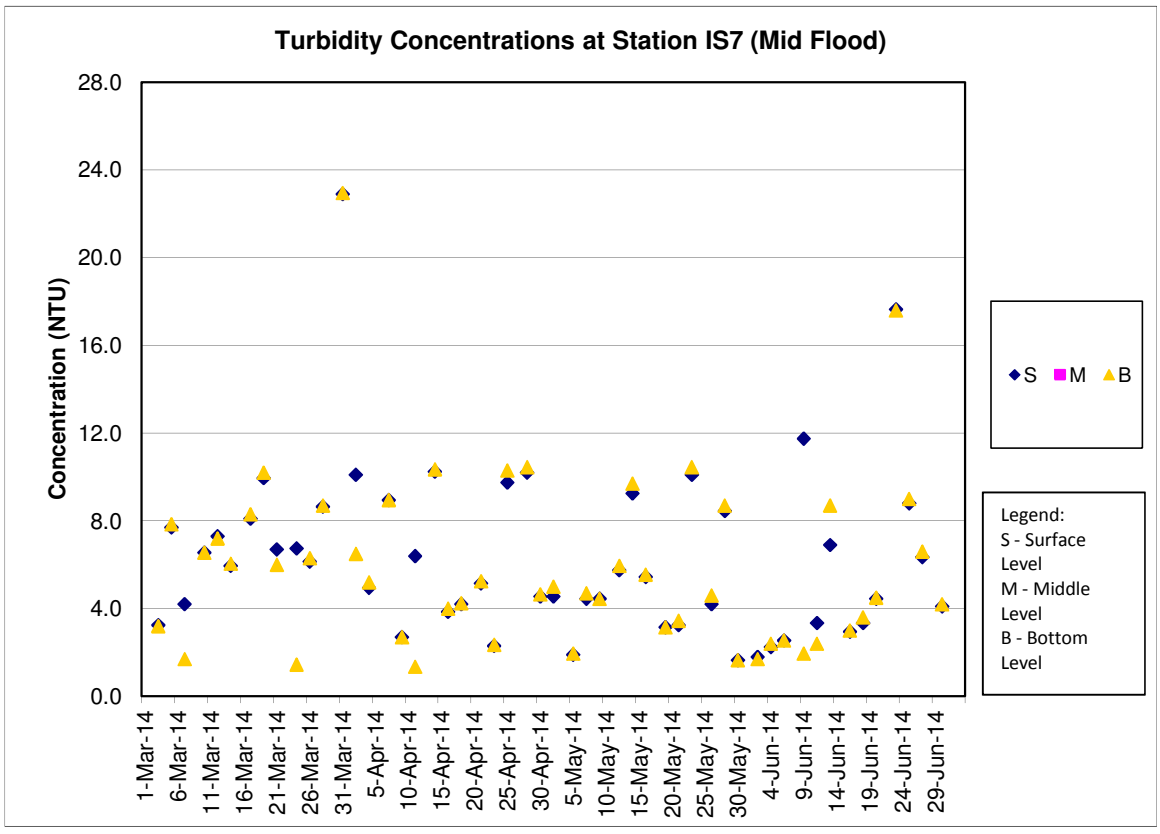

Turbidity Concentrations at Station IS5 (Mid Ebb)
Concentration (NTU)
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

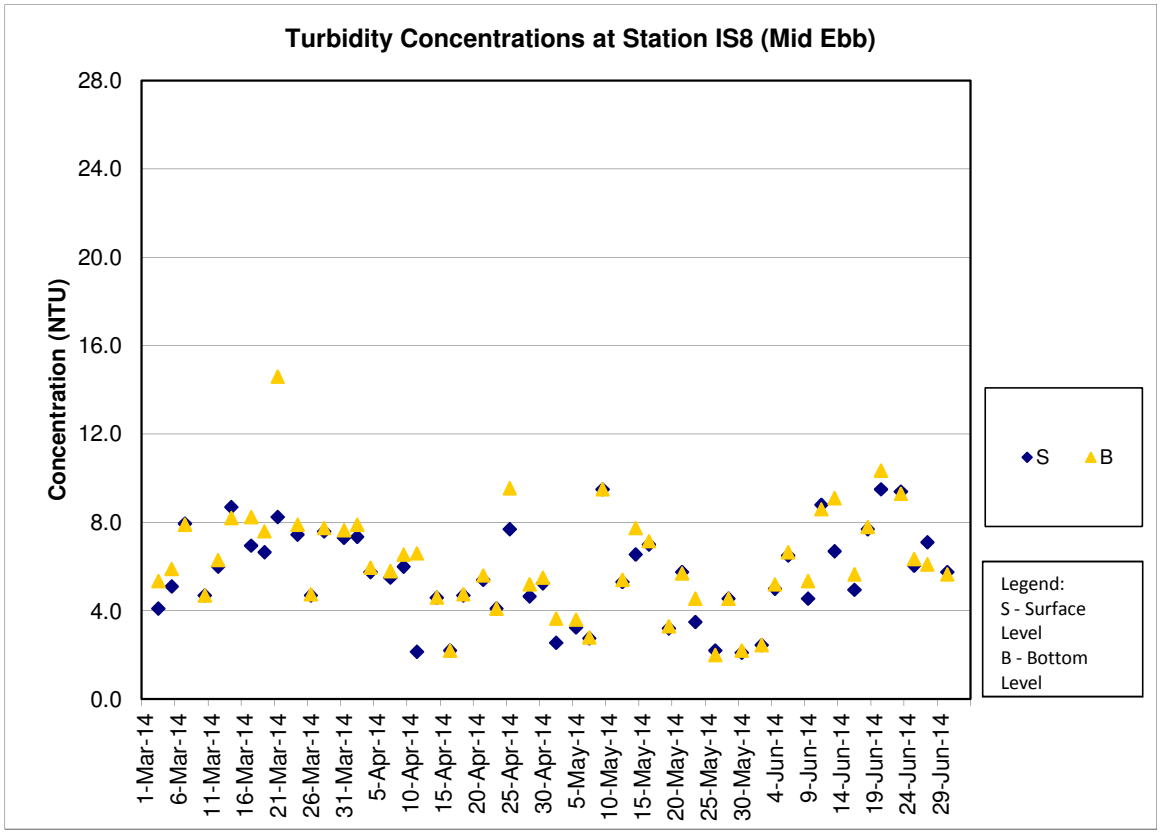

Turbidity Concentrations at Station IS5 (Mid Flood)
Concentration (NTU)
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

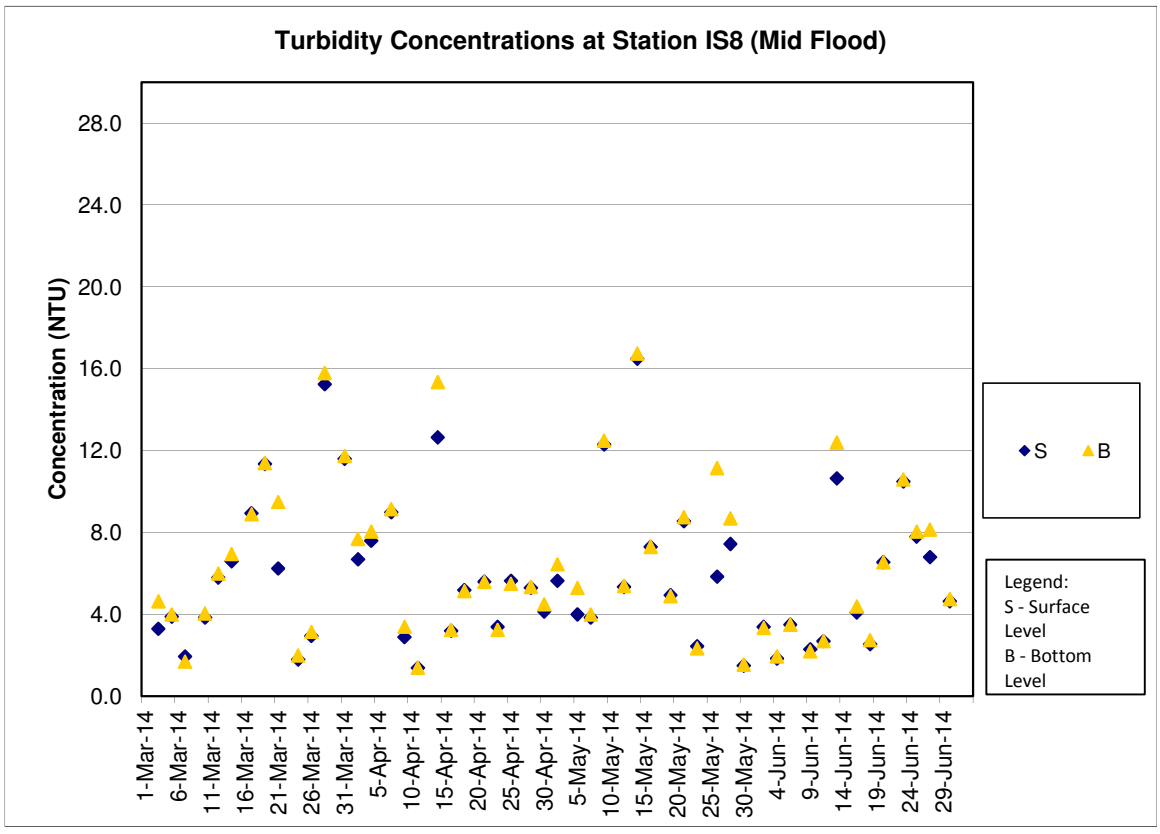

Turbidity Concentrations at Station IS(Mf)6 (Mid Ebb)
Concentration (NTU)
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

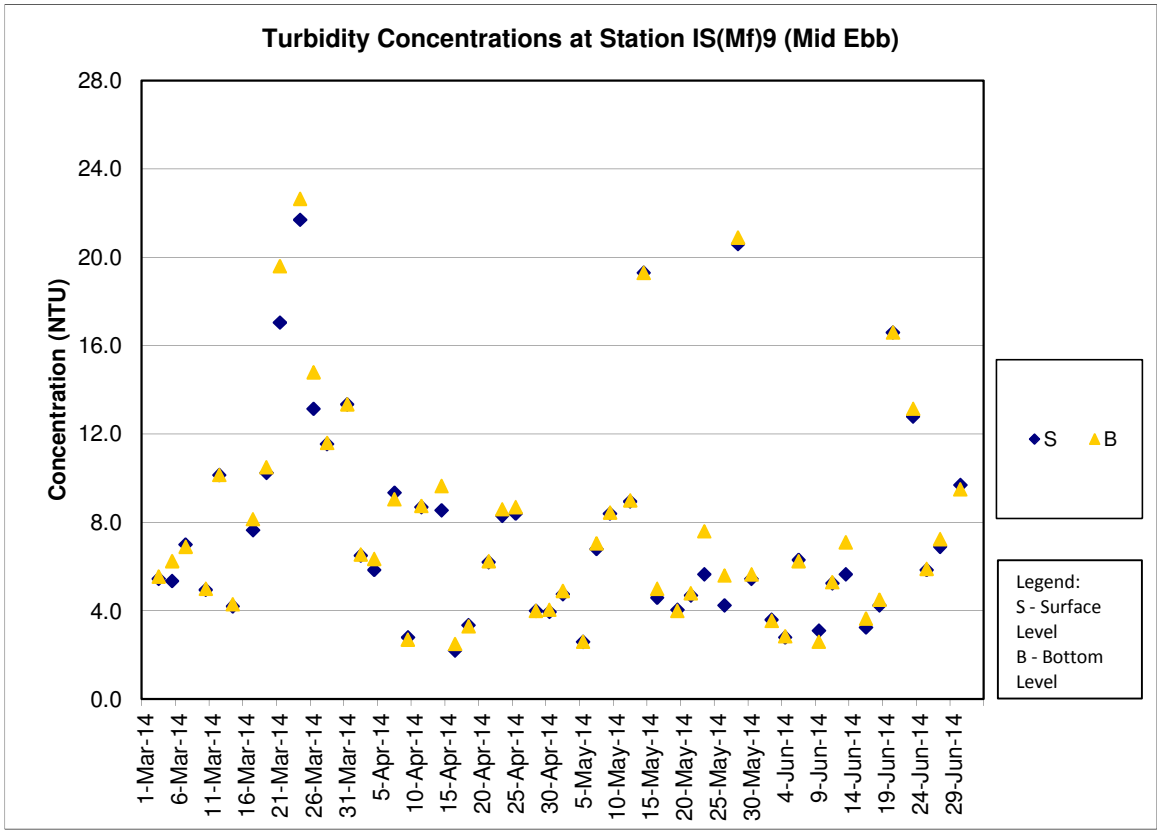

Turbidity Concentrations at Station IS(Mf)6 (Mid Flood)
Concentration (NTU)
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

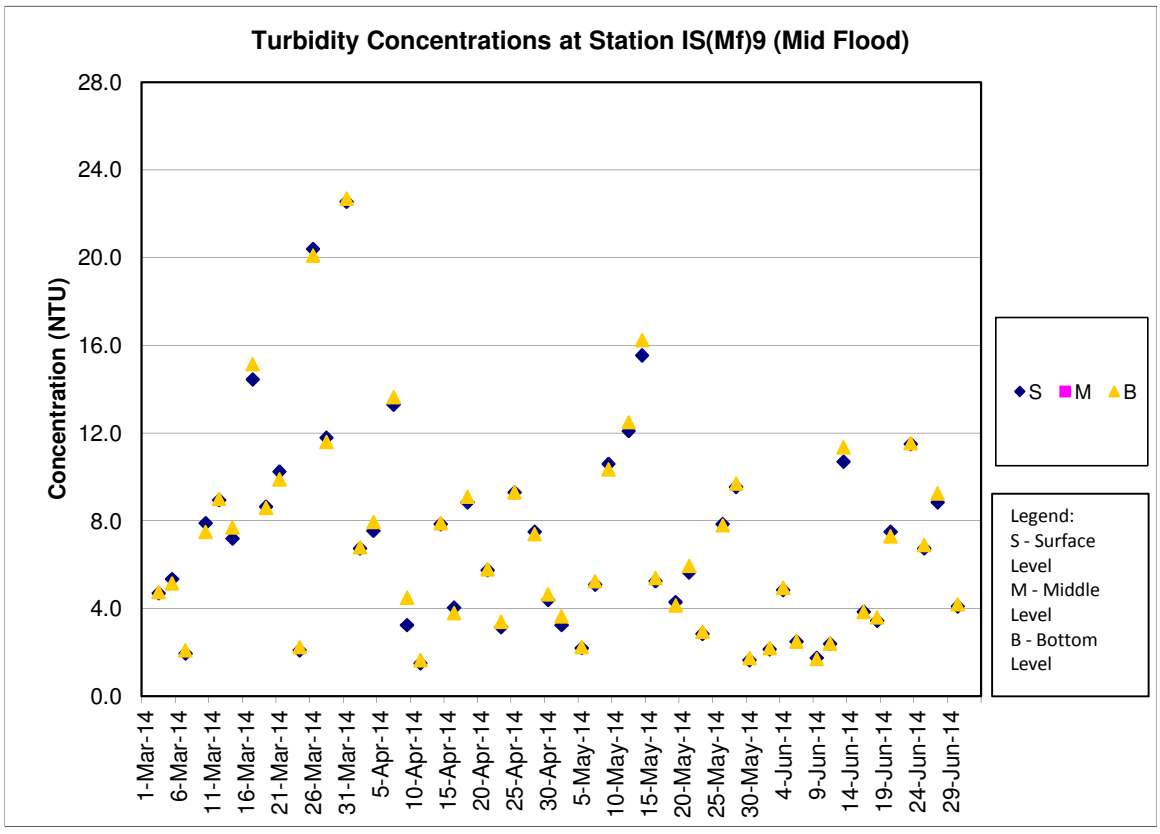

Turbidity Concentrations at Station IS7 (Mid Ebb)
Concentration (NTU)
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S
B
Legend:
S - Surface Level
B - Bottom Level

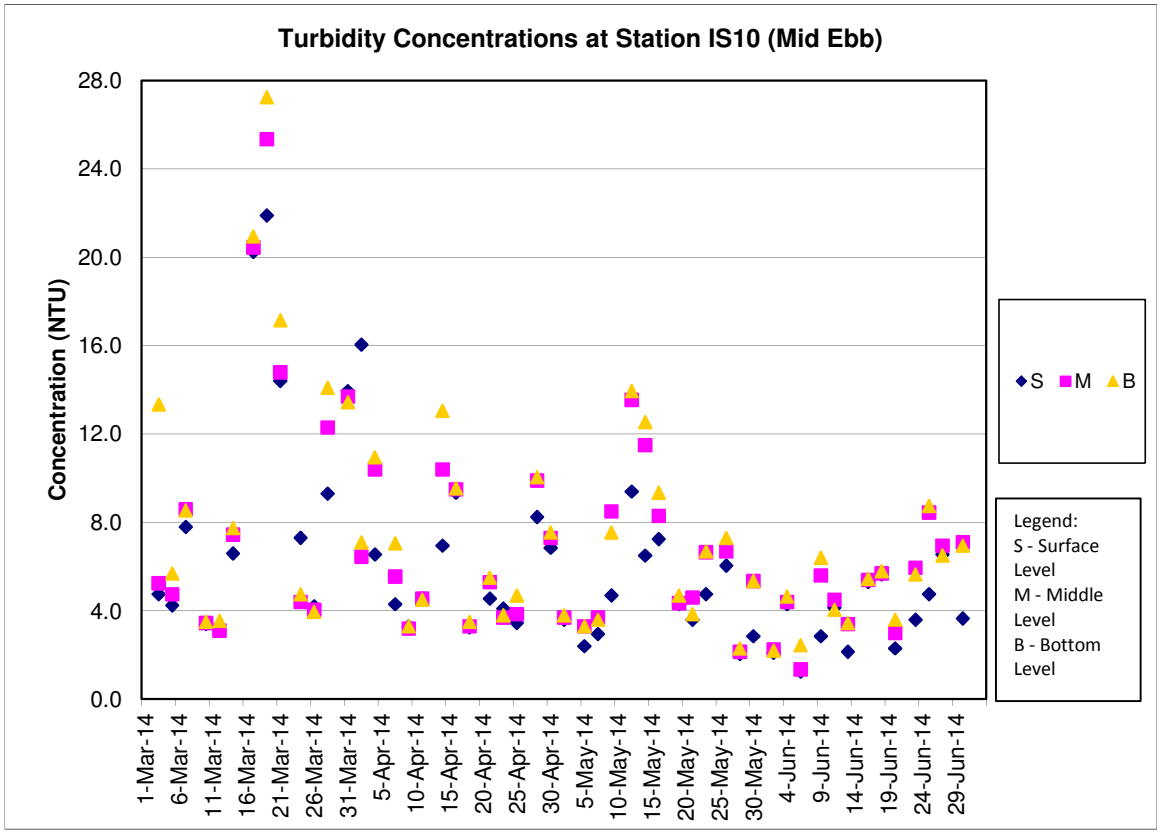

Turbidity Concentrations at Station IS7 (Mid Flood)
Concentration (NTU)
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

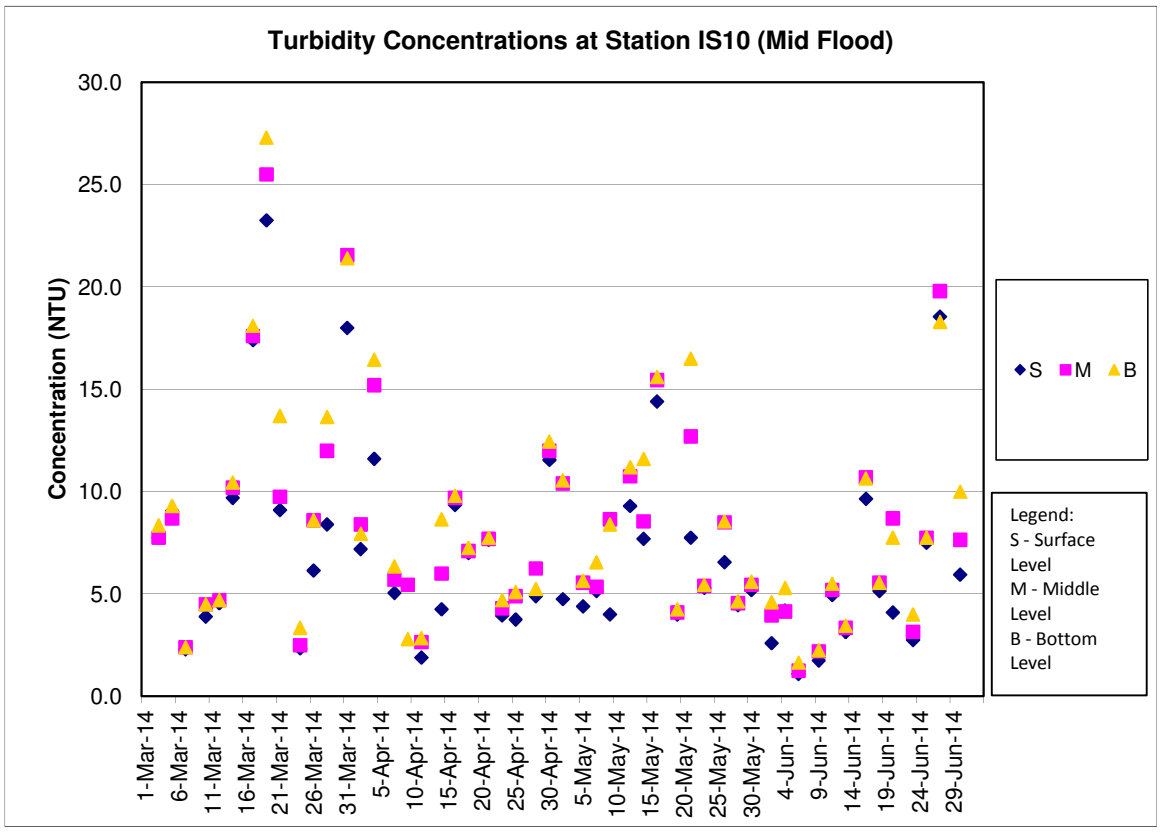

Turbidity Concentrations at Station IS8 (Mid Ebb)
Concentration (NTU)
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S
B
Legend:
S - Surface Level
B - Bottom Level

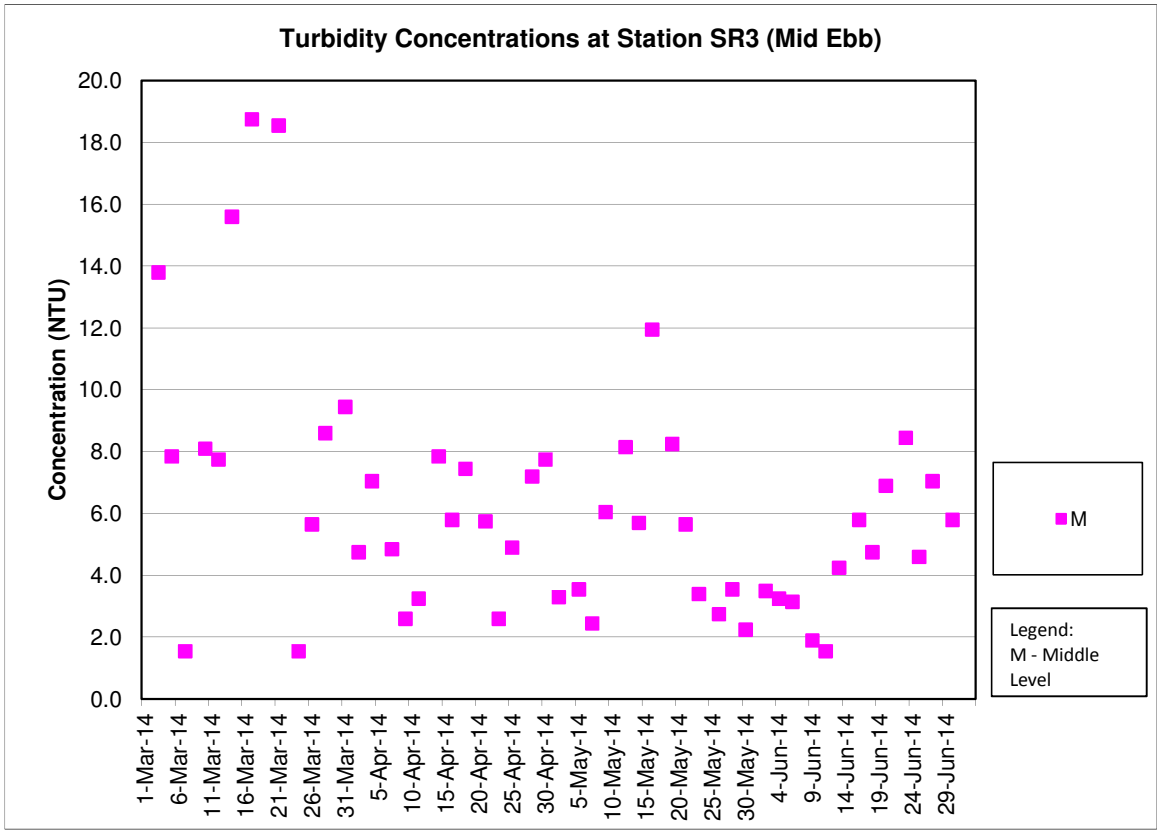

Turbidity Concentrations at Station IS8 (Mid Flood)
Concentration (NTU)
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S
B
Legend:
S - Surface Level
B - Bottom Level

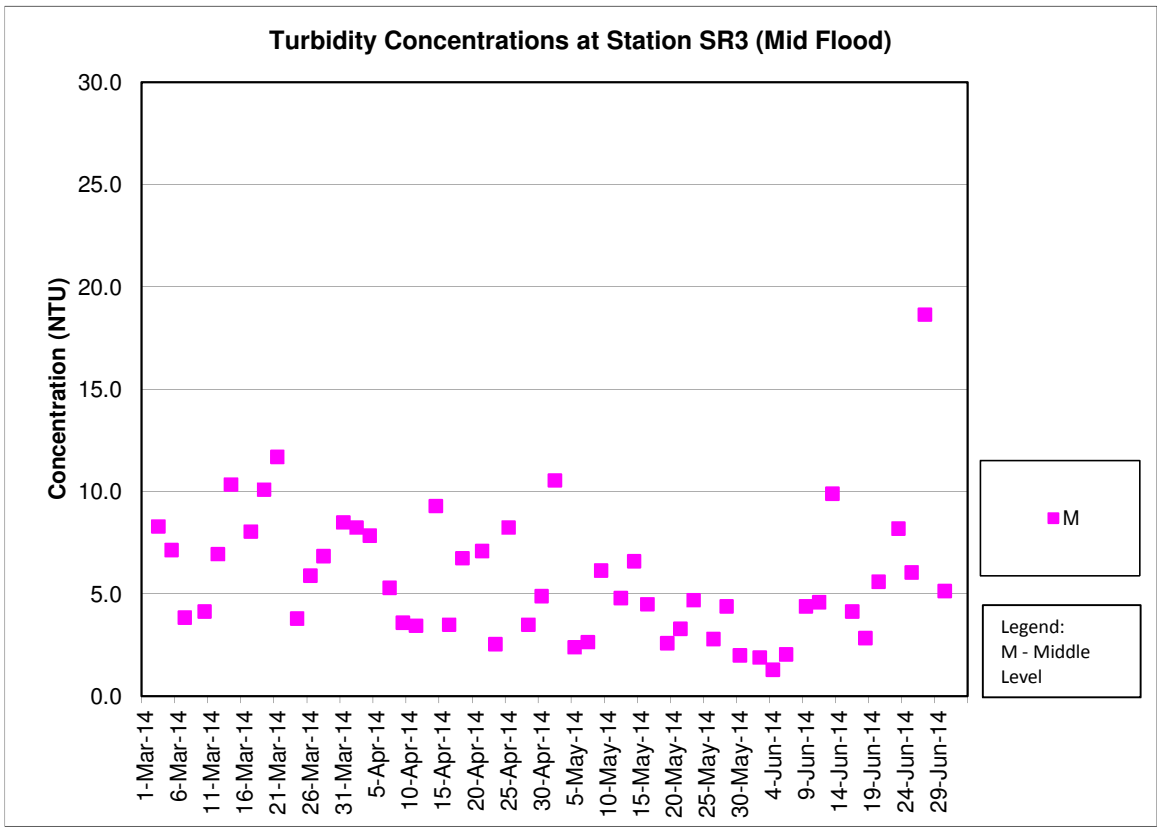

Turbidity Concentrations at Station IS(Mf)9 (Mid Ebb)
Concentration (NTU)
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S
B
Legend:
S - Surface Level
B - Bottom Level

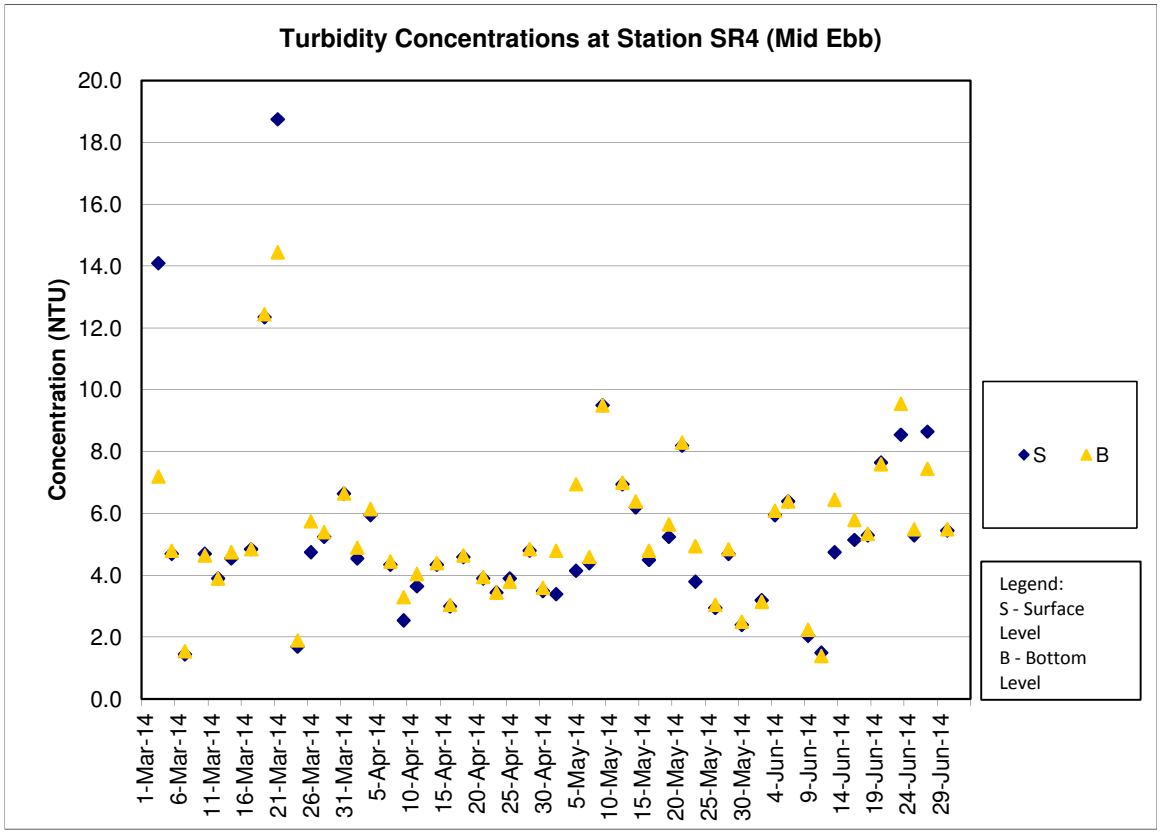

Turbidity Concentrations at Station IS(Mf)9 (Mid Flood)
Concentration (NTU)
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

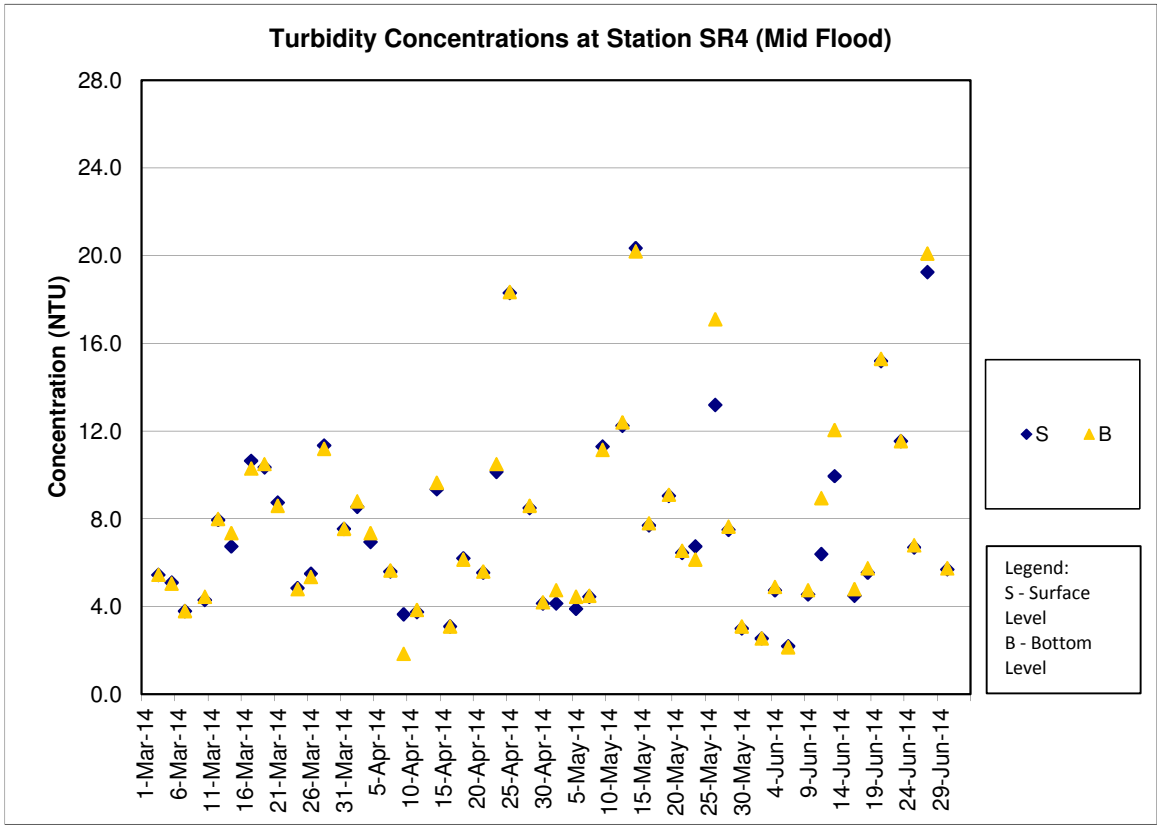

Turbidity Concentrations at Station IS10 (Mid Ebb)
Concentration (NTU)
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

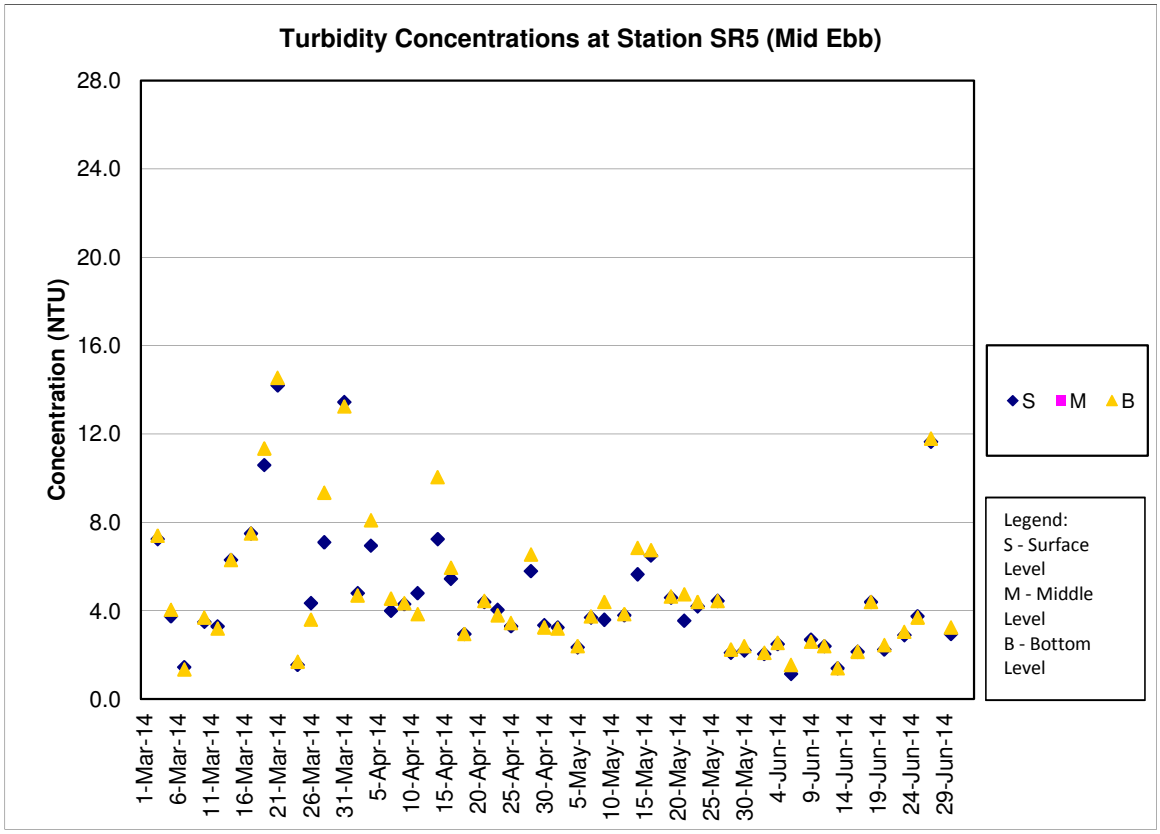

Turbidity Concentrations at Station IS10 (Mid Flood)
Concentration (NTU)
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

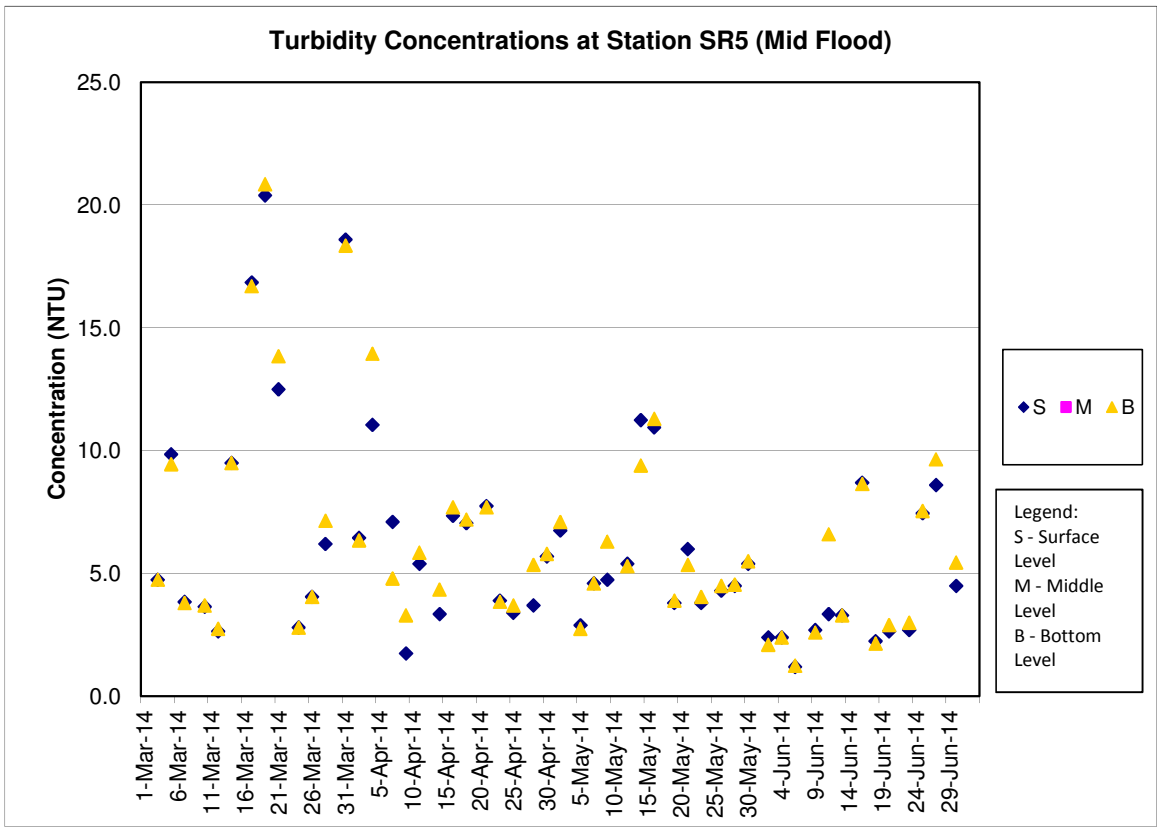

Turbidity Concentrations at Station SR3 (Mid Ebb)
Concentration (NTU)
20.0
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
M
Legend:
M - Middle
Level

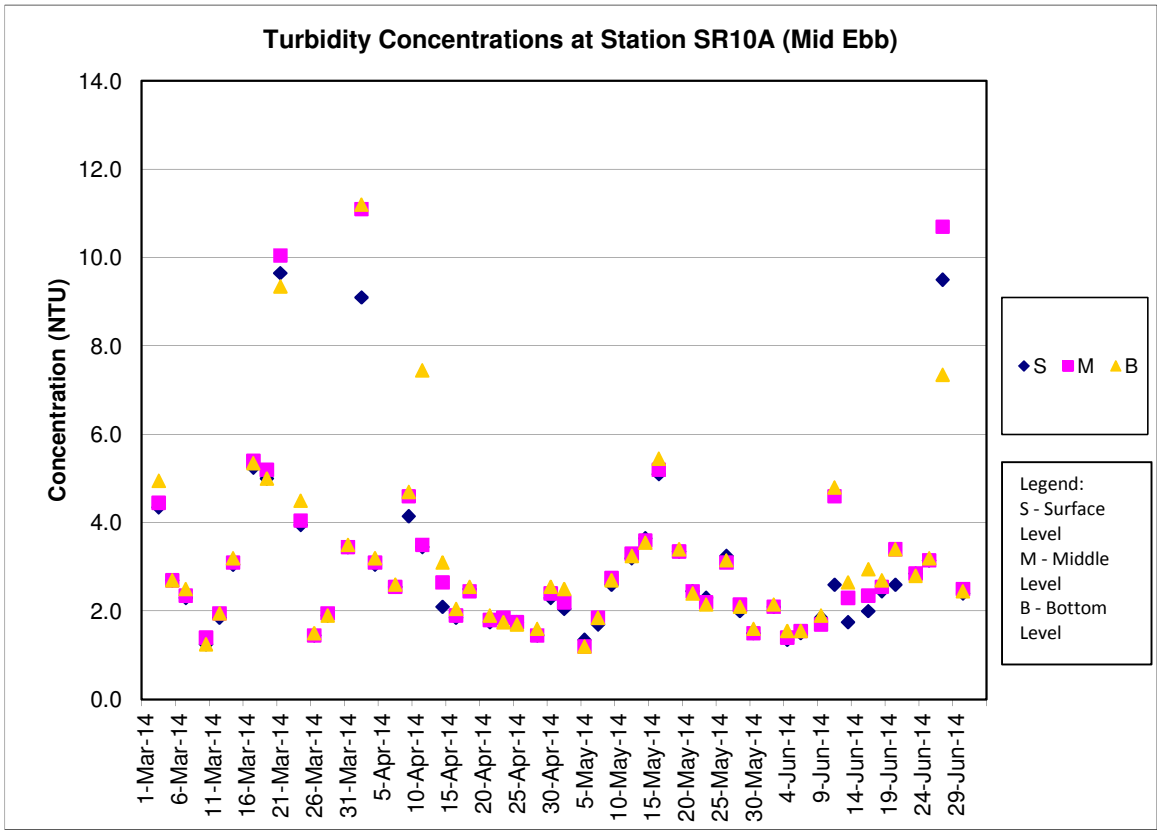

Turbidity Concentrations at Station SR3 (Mid Flood)
Concentration (NTU)
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
M
Legend:
M - Middle
Level

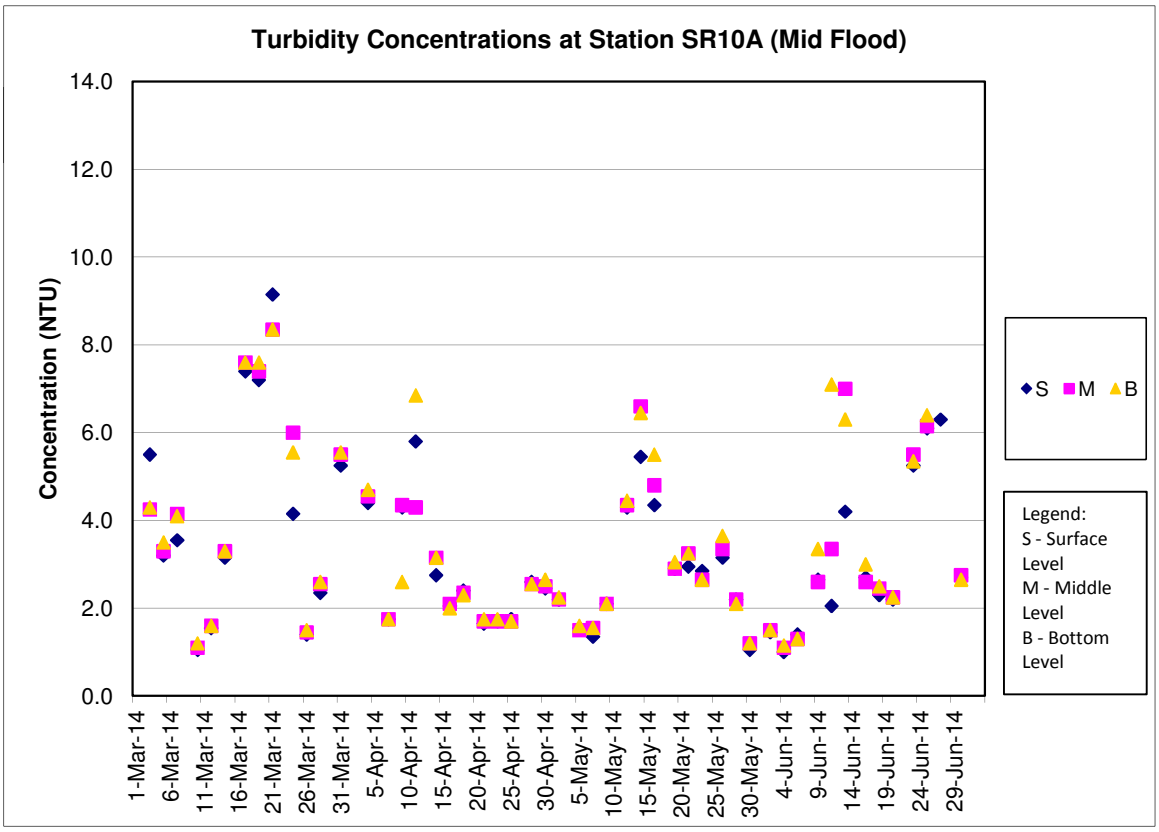

Turbidity Concentrations at Station SR4 (Mid Ebb)
Concentration (NTU)
20.0
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S
B
Legend:
S - Surface Level
B - Bottom Level

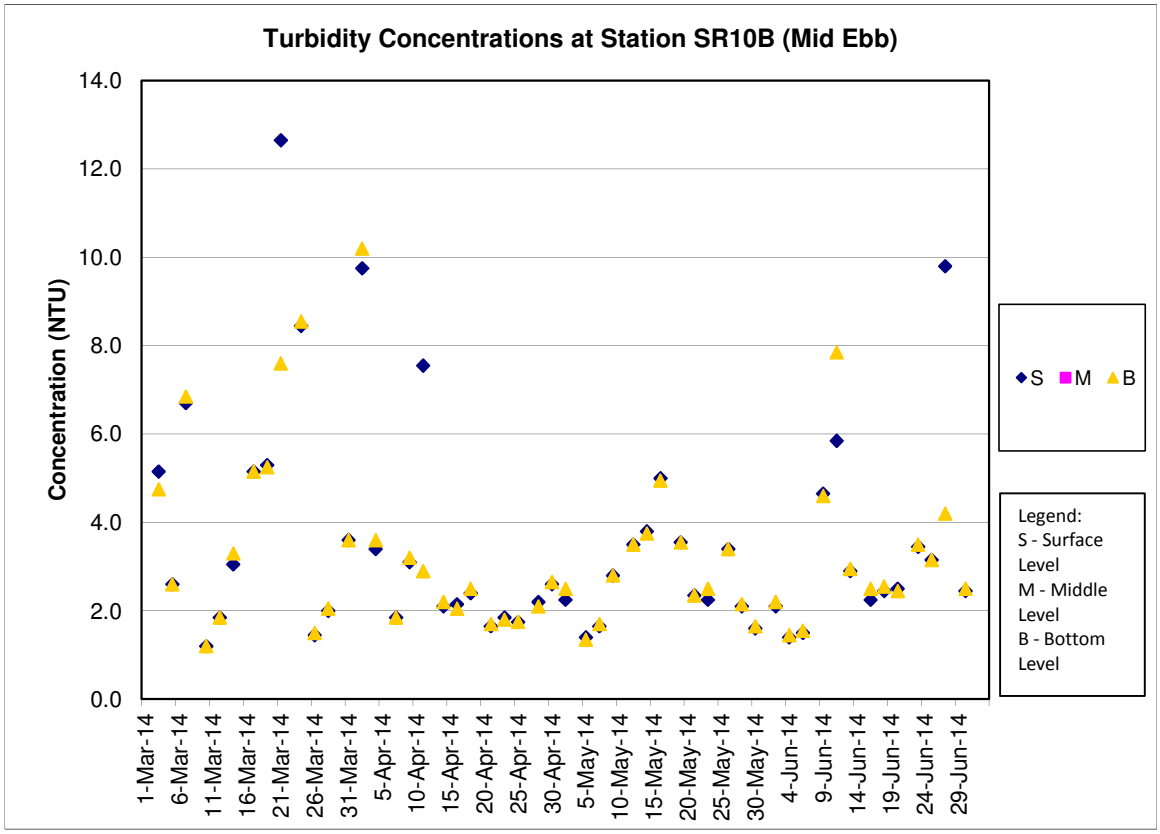

Turbidity Concentrations at Station SR4 (Mid Flood)
Concentration (NTU)
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S
B
Legend:
S - Surface Level
B - Bottom Level

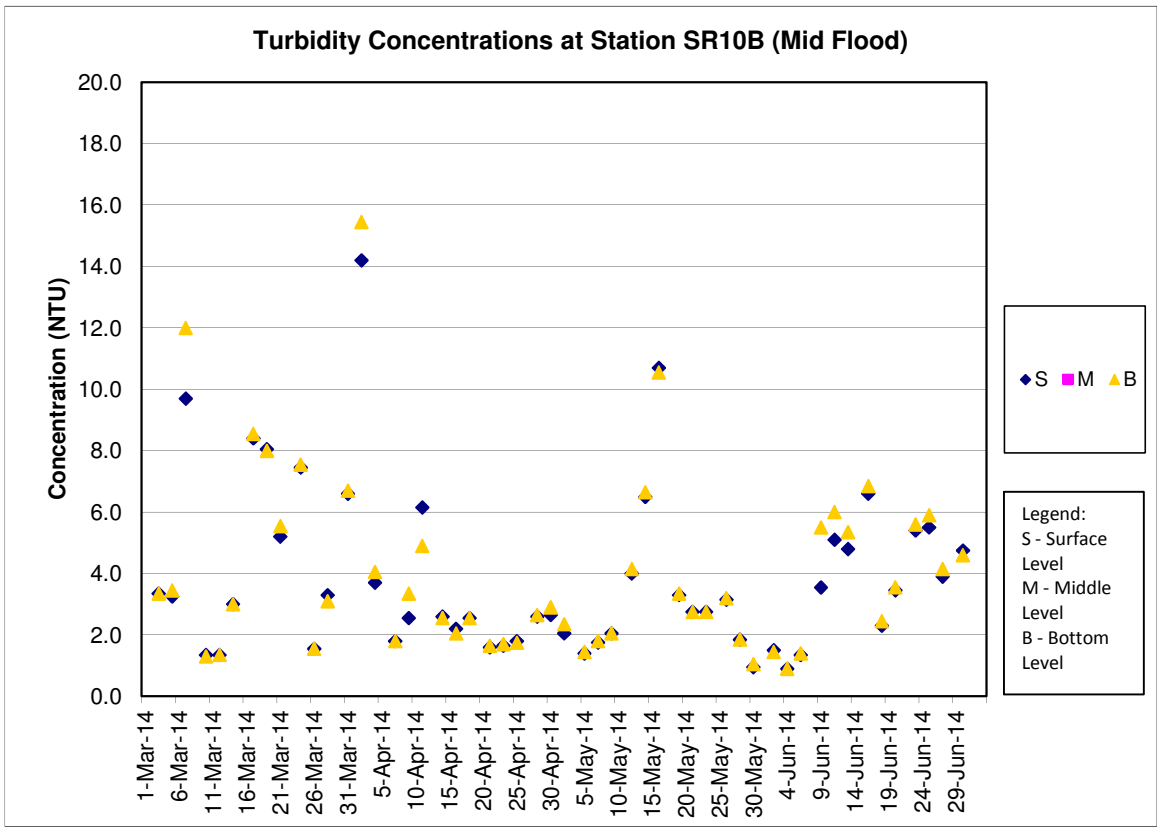

Turbidity Concentrations at Station SR5 (Mid Ebb)
Concentration (NTU)
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

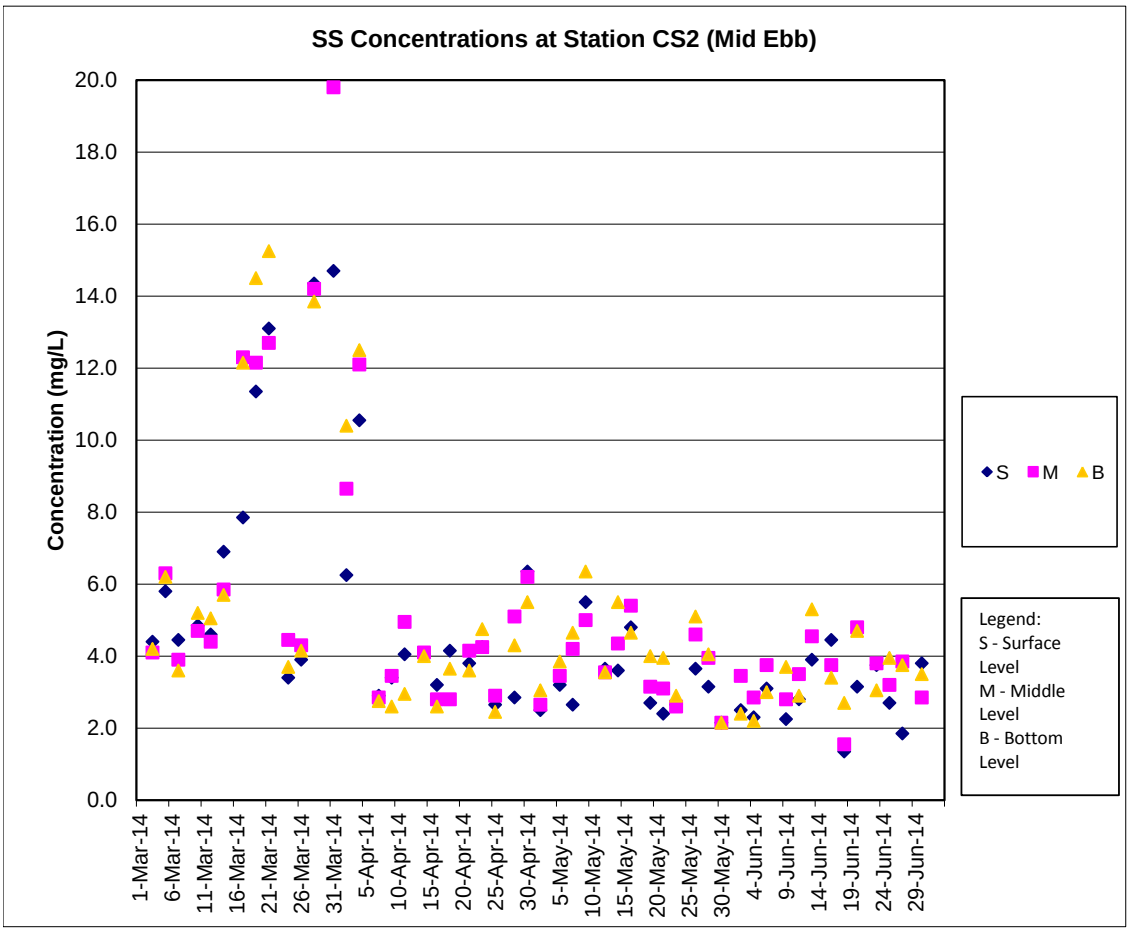

Turbidity Concentrations at Station SR5 (Mid Flood)
Concentration (NTU)
25.0
20.0
15.0
10.0
5.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

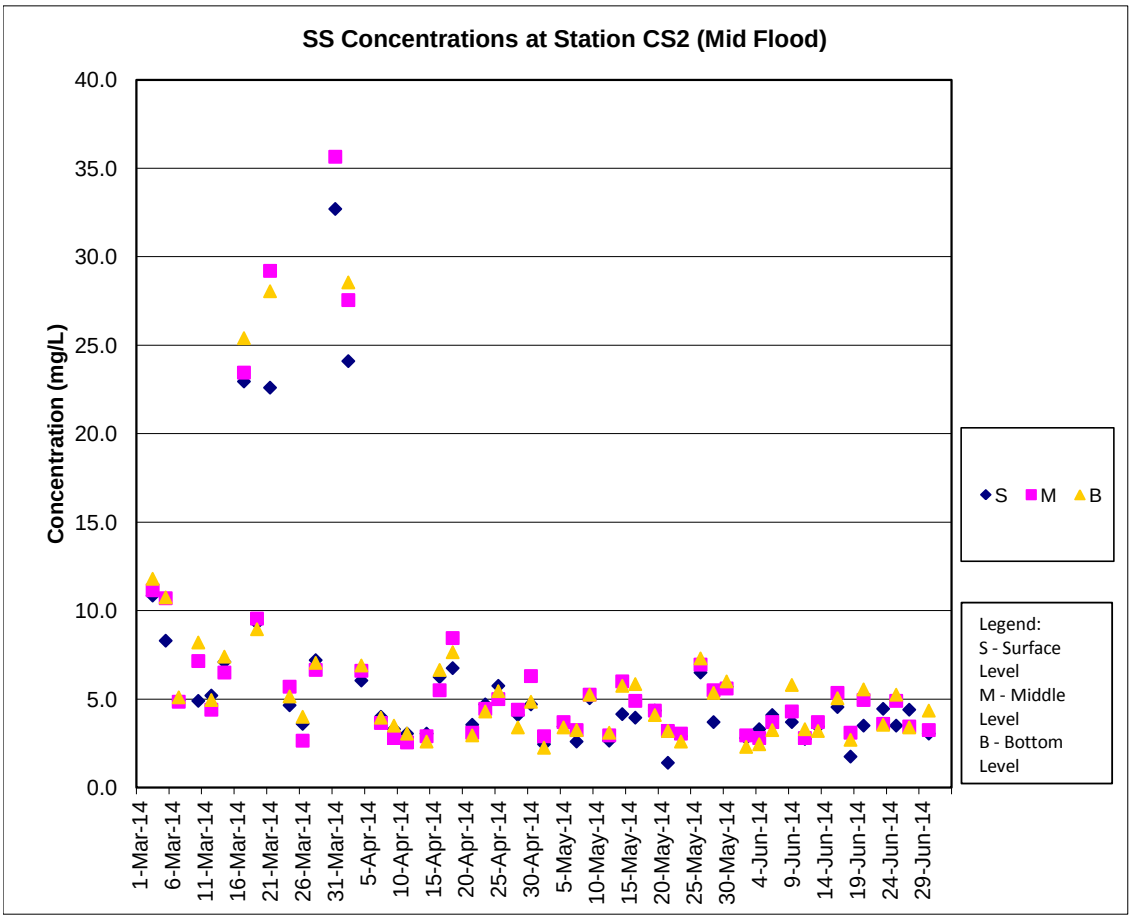

Turbidity Concentrations at Station SR10A (Mid Ebb)
Concentration (NTU)
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

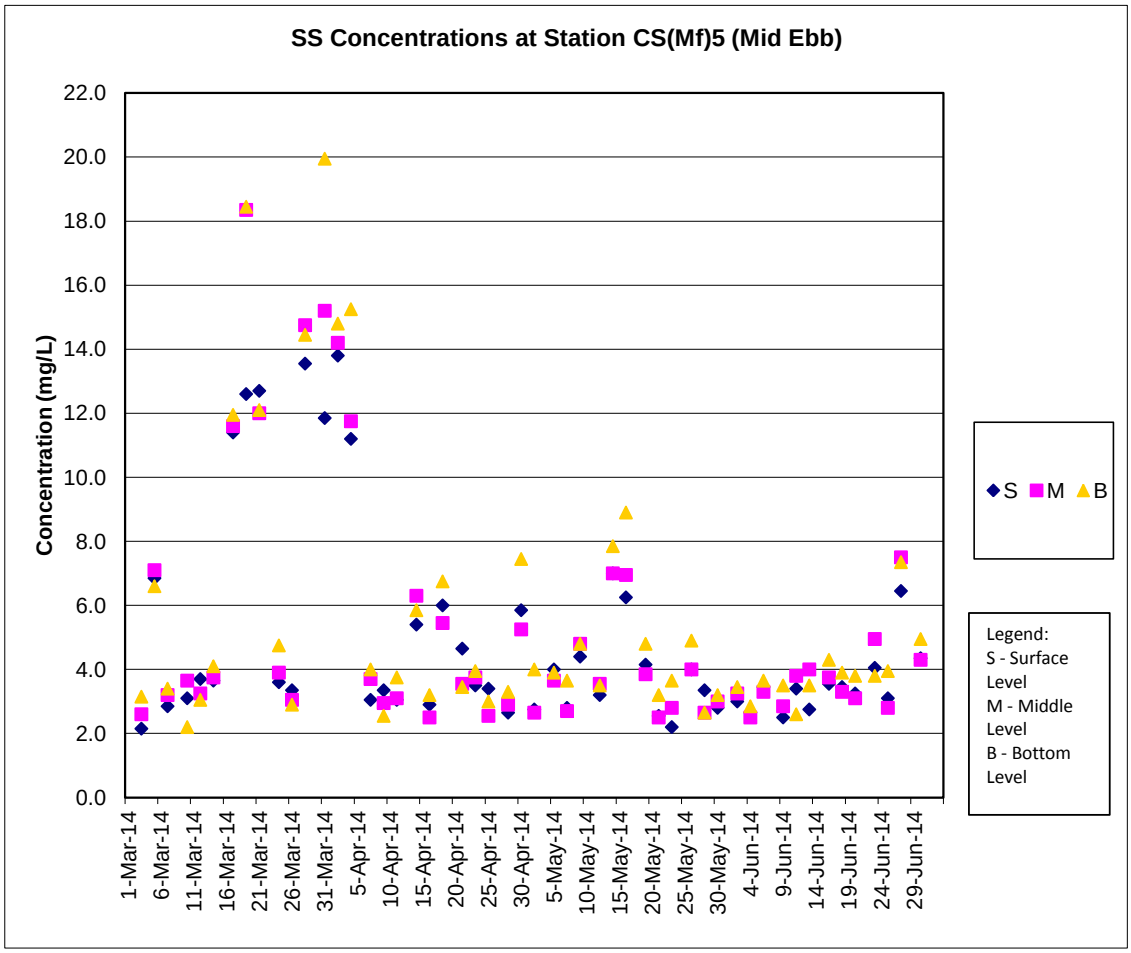

Turbidity Concentrations at Station SR10A (Mid Flood)
Concentration (NTU)
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

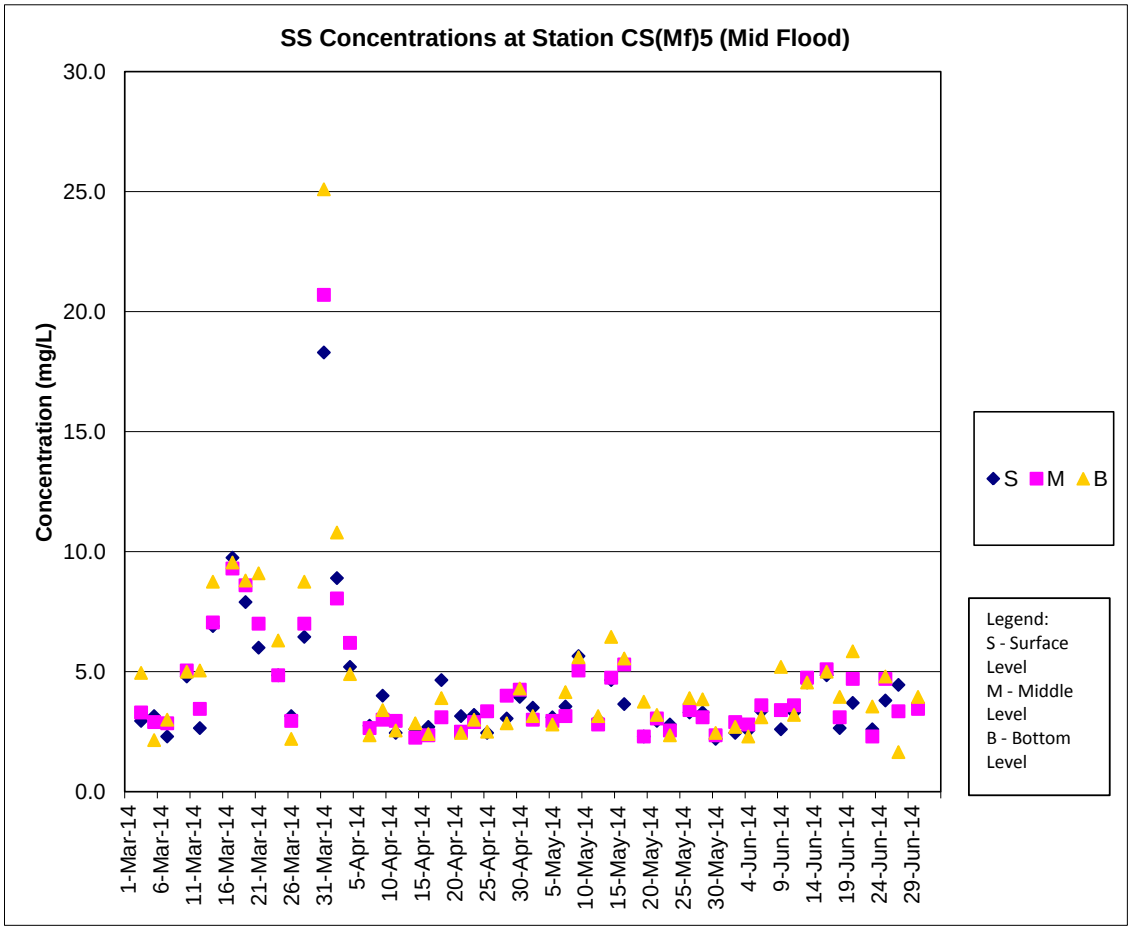

Turbidity Concentrations at Station SR10B (Mid Ebb)
Concentration (NTU)
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

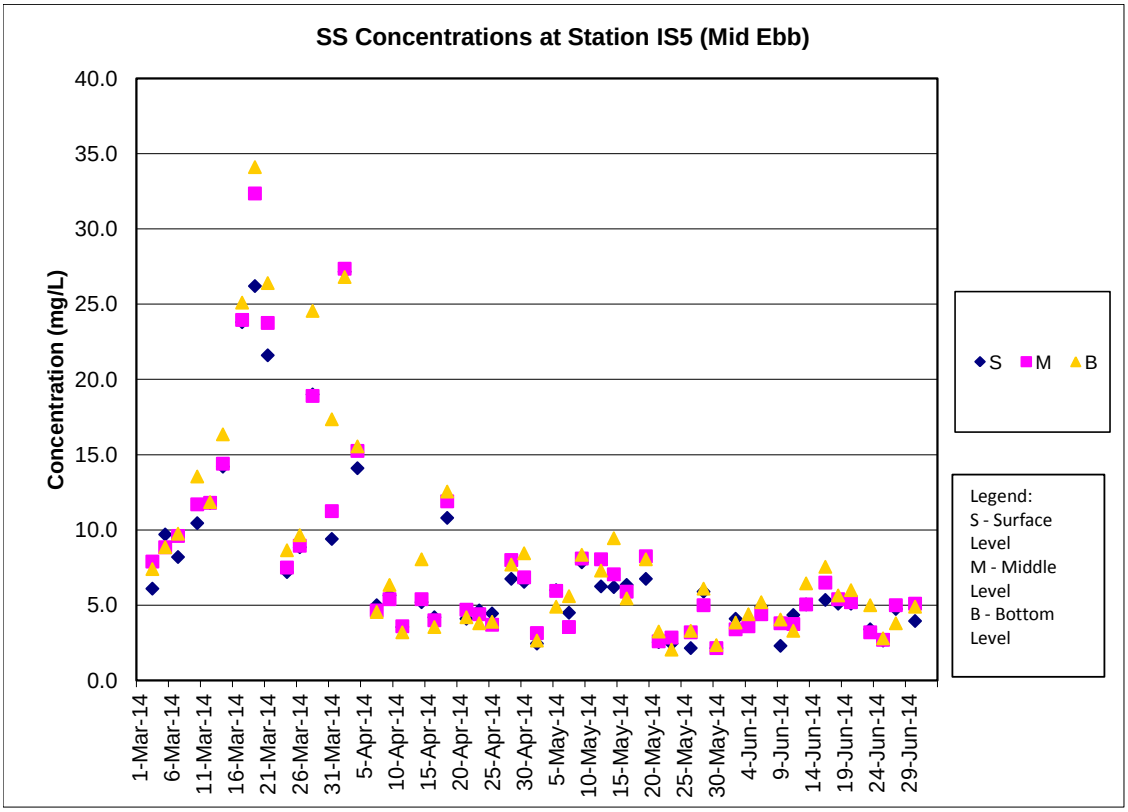

Turbidity Concentrations at Station SR10B (Mid Flood)
Concentration (NTU)
20.0
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

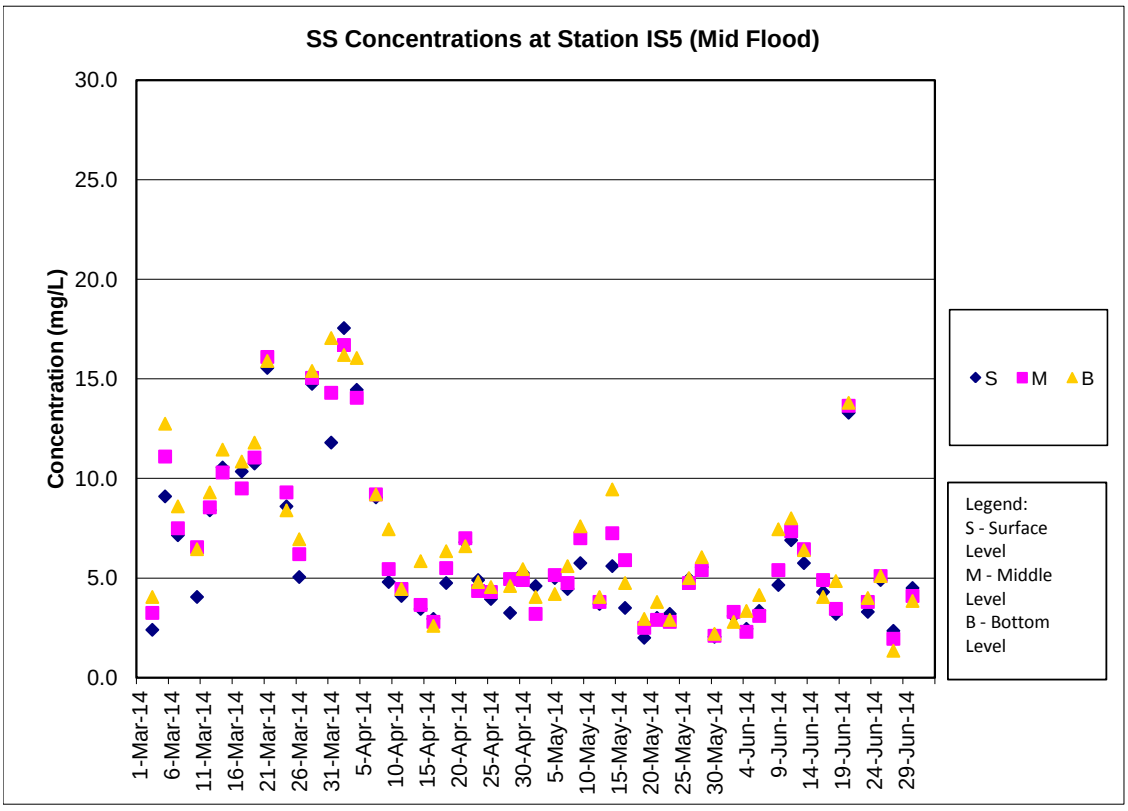

SS Concentrations at Station CS2 (Mid Ebb)
Concentration (mg/L)
20.0
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

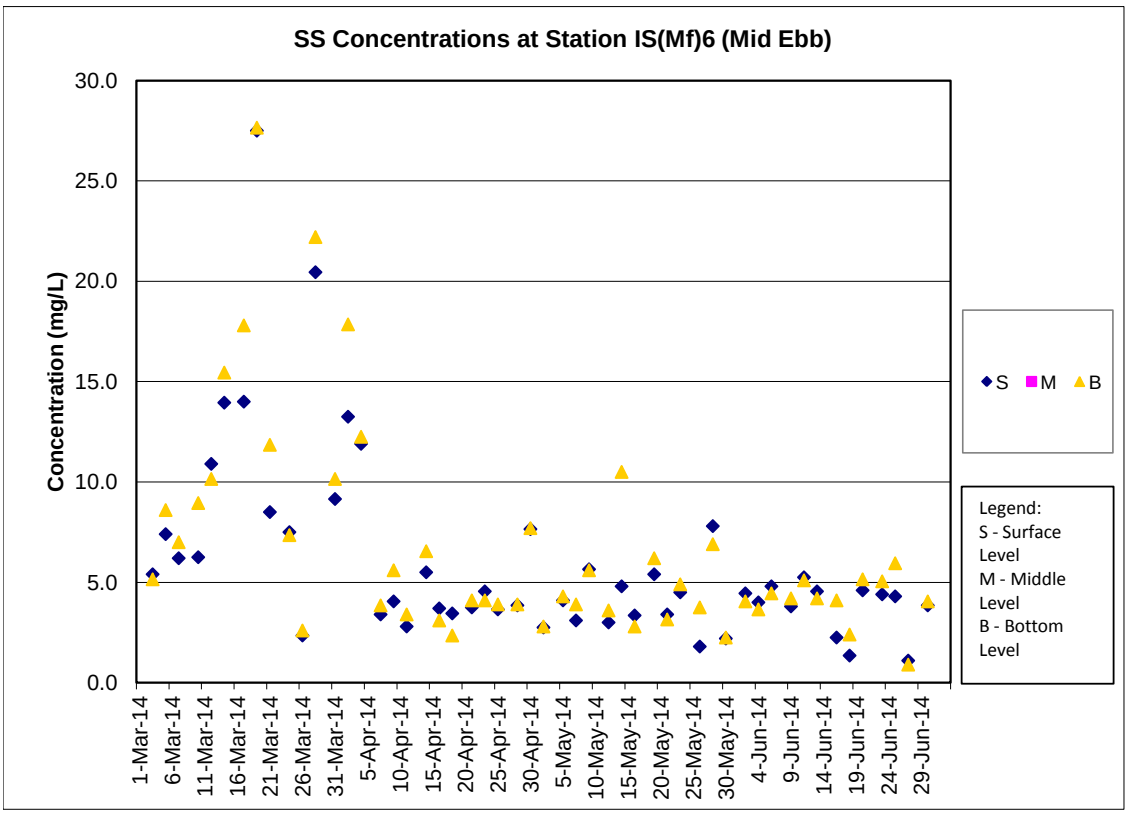

SS Concentrations at Station CS2 (Mid Flood)
Concentration (mg/L)
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

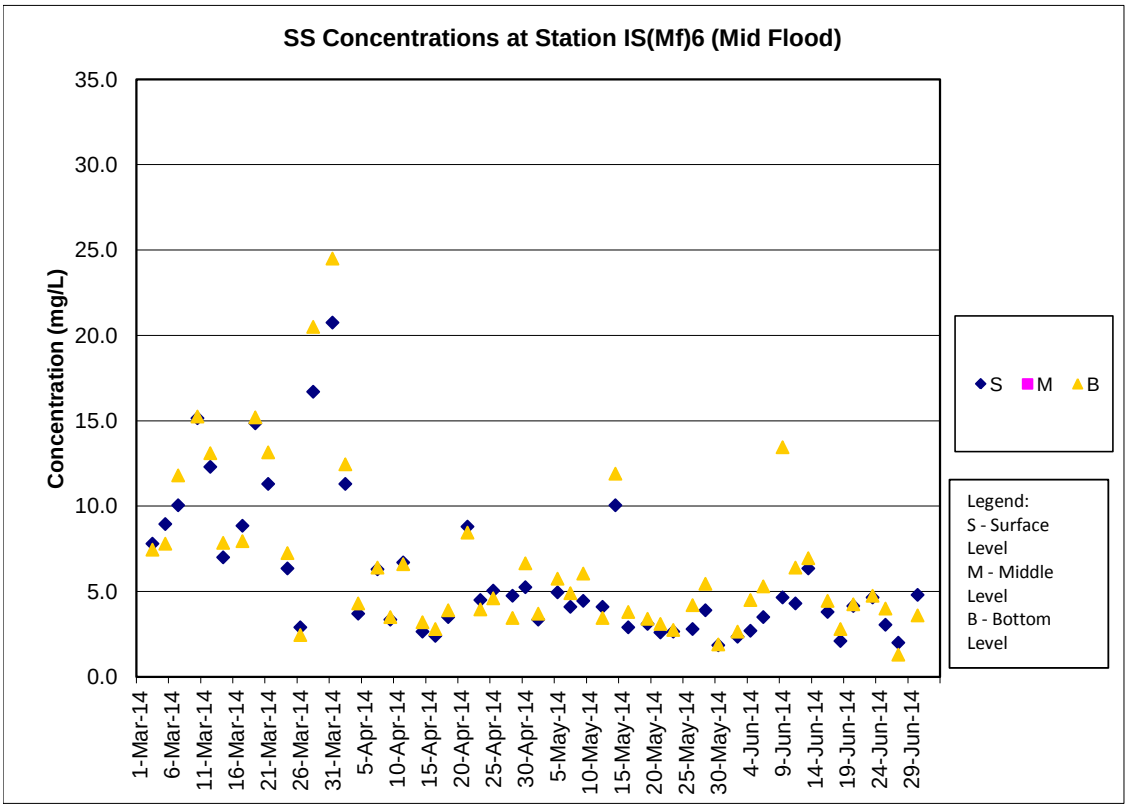

SS Concentrations at Station CS(Mf)5 (Mid Ebb)
Concentration (mg/L)
22.0
20.0
18.0
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

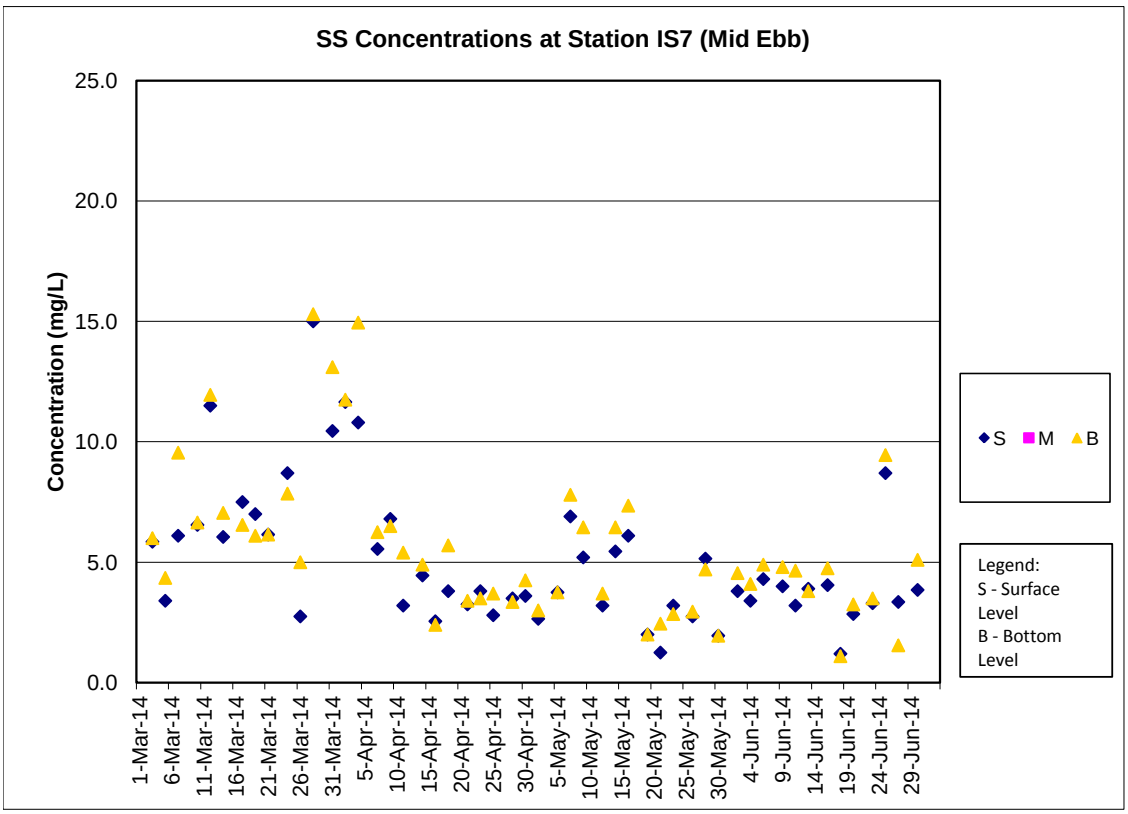

SS Concentrations at Station CS(Mf)5 (Mid Flood)
Concentration (mg/L)
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

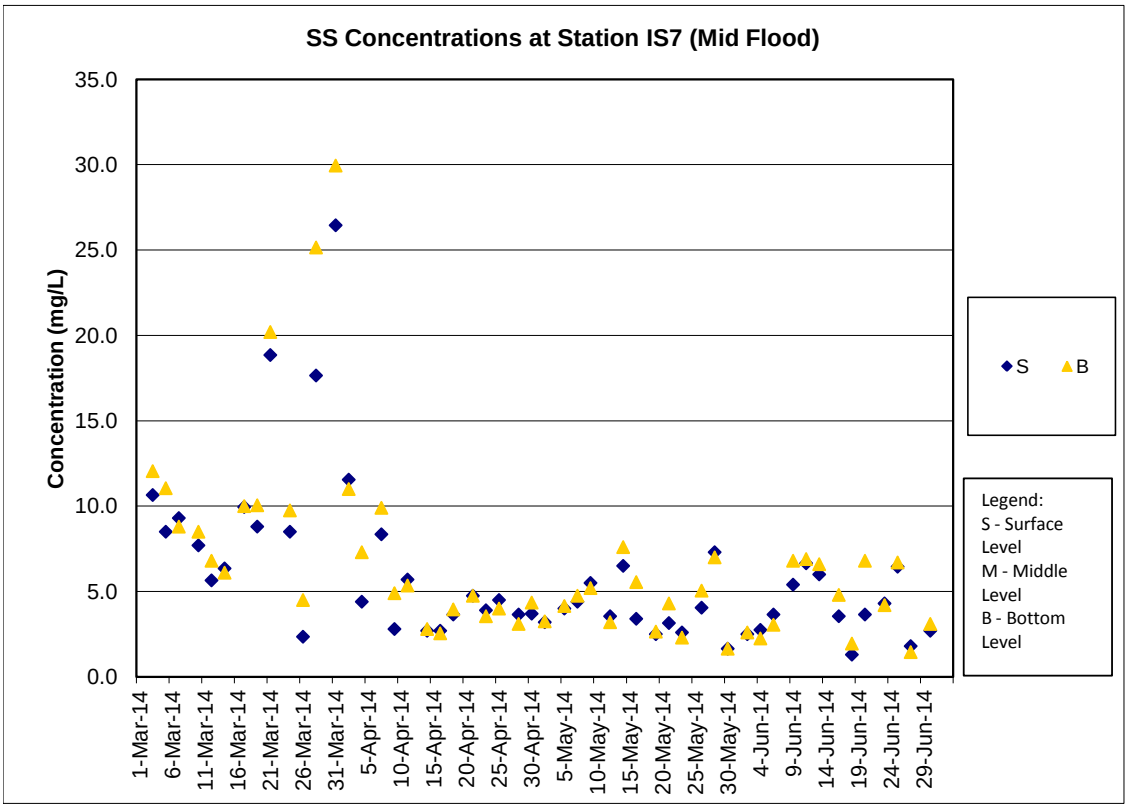

SS Concentrations at Station IS5 (Mid Ebb)
Concentration (mg/L)
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

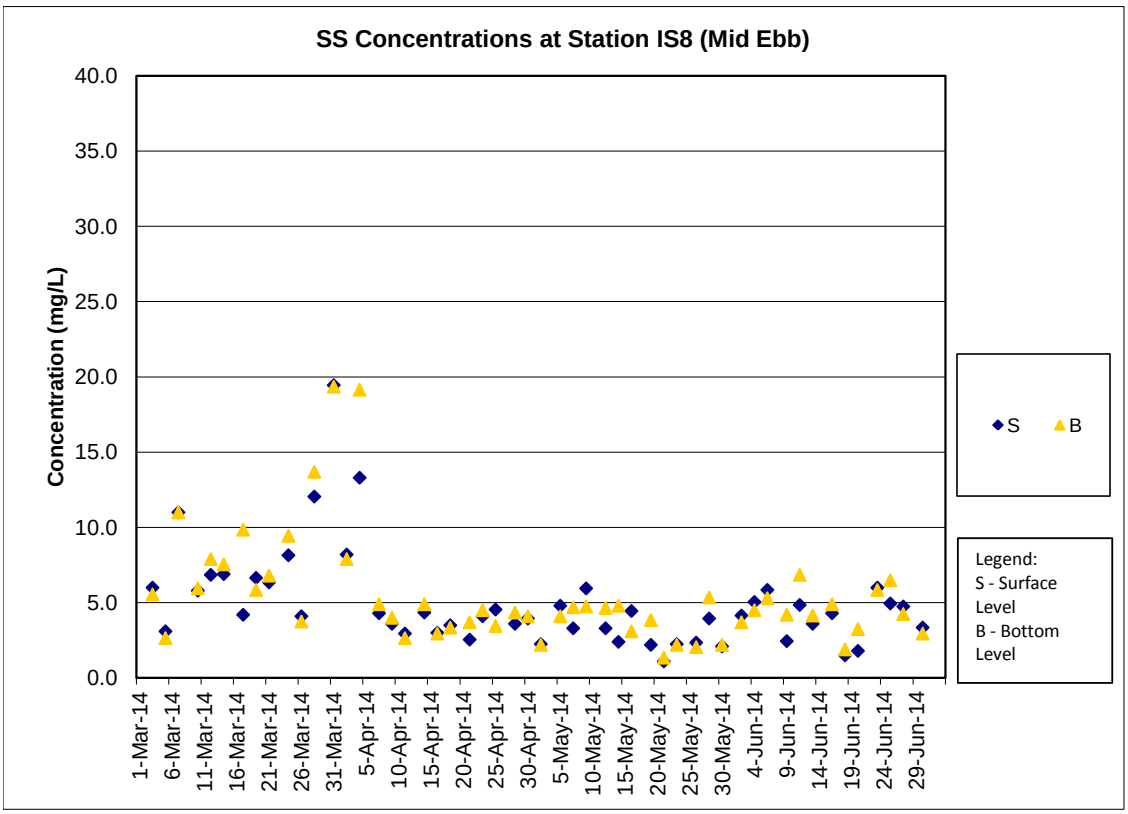

SS Concentrations at Station IS5 (Mid Flood)
Concentration (mg/L)
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

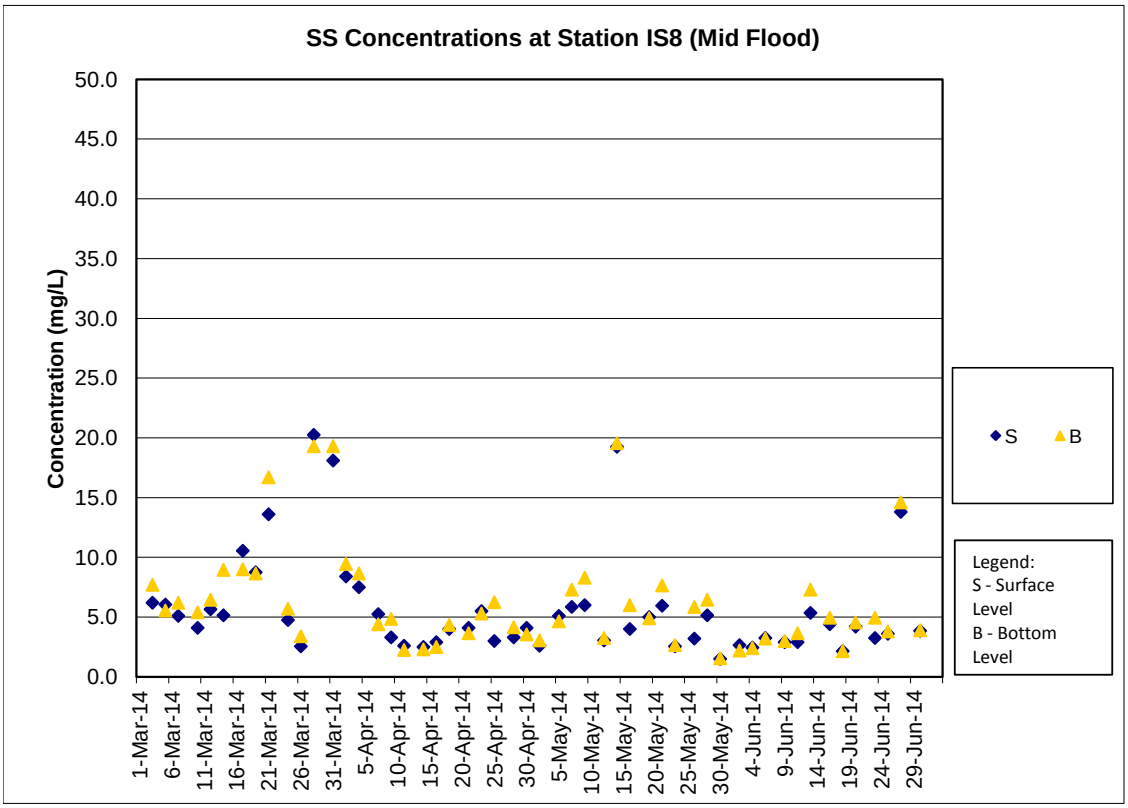

SS Concentrations at Station IS(Mf)6 (Mid Ebb)
Concentration (mg/L)
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

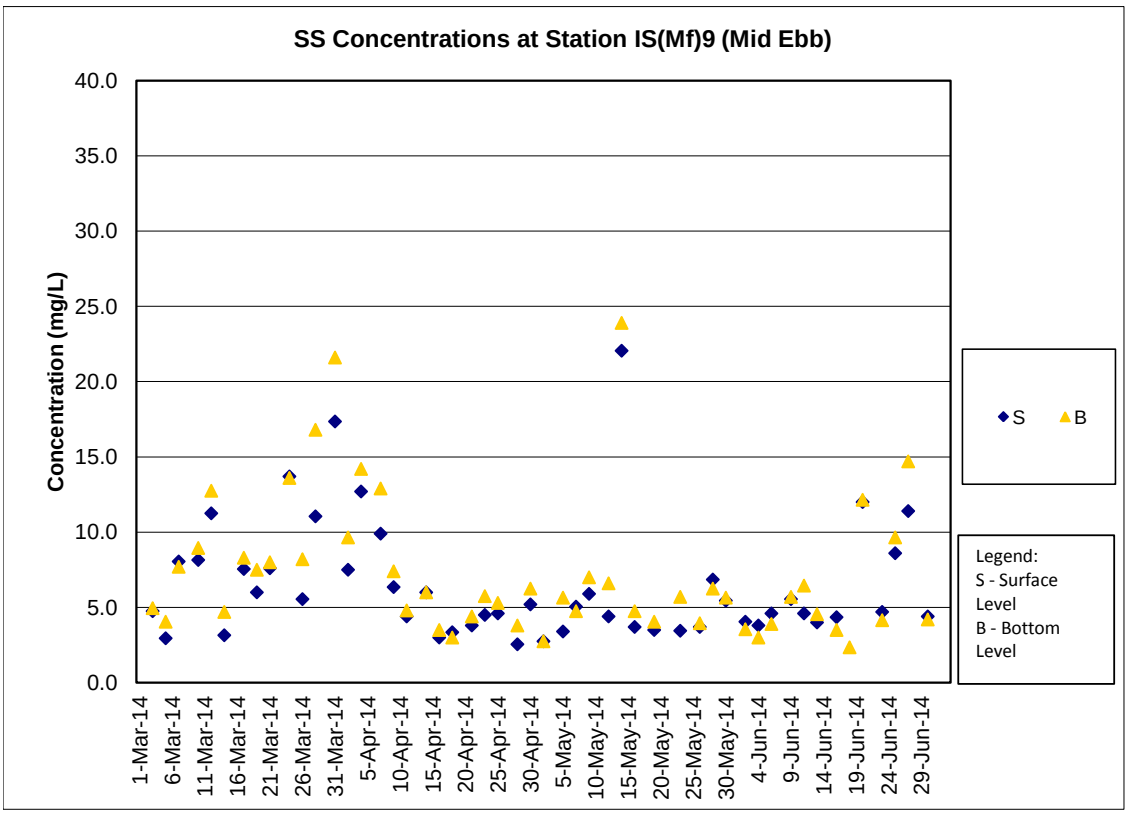

SS Concentrations at Station IS(Mf)6 (Mid Flood)
Concentration (mg/L)
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

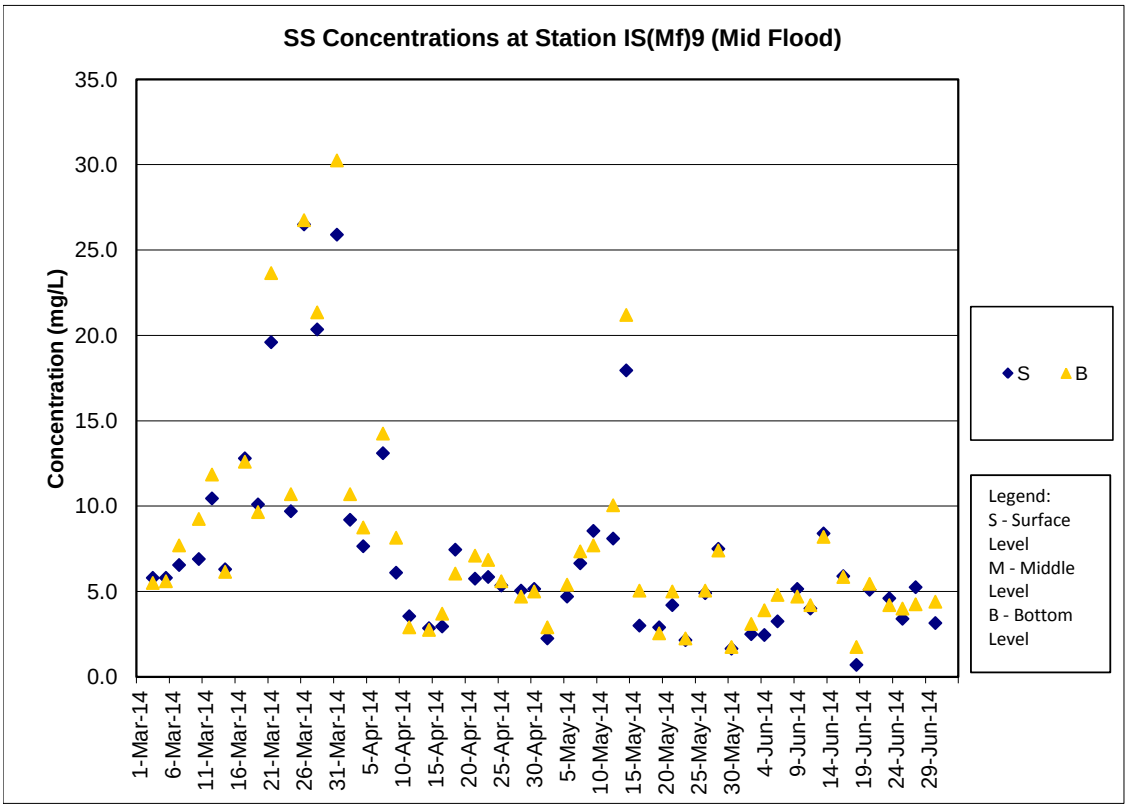

SS Concentrations at Station IS7 (Mid Ebb)
Concentration (mg/L)
25.0
20.0
15.0
10.0
5.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S
M
B
Legend:
S - Surface Level
B - Bottom Level

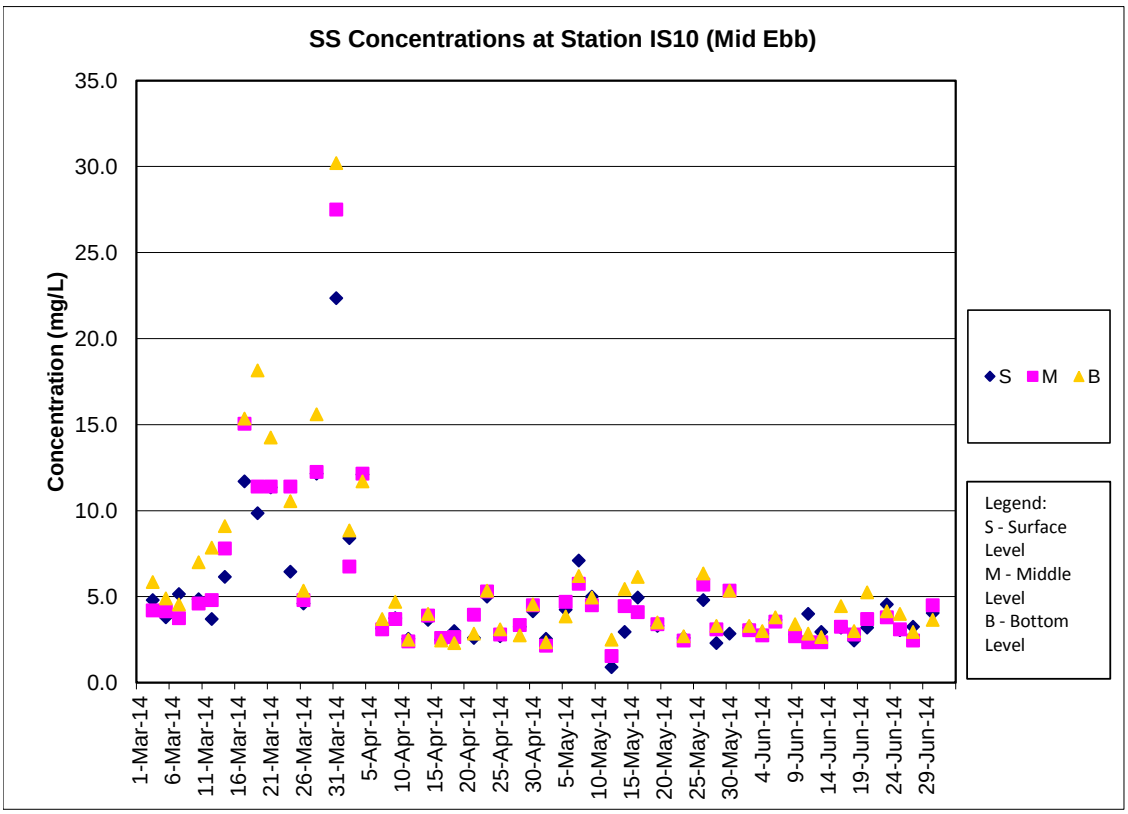

SS Concentrations at Station IS7 (Mid Flood)
Concentration (mg/L)
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


SS Concentrations at Station IS8 (Mid Ebb)
Concentration (mg/L)
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S
B
Legend:
S - Surface Level
B - Bottom Level


SS Concentrations at Station IS8 (Mid Flood)
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-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S
B
Legend:
S - Surface Level
B - Bottom Level


SS Concentrations at Station IS(Mf)9 (Mid Ebb)
Concentration (mg/L)
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S
B
Legend:
S - Surface Level
B - Bottom Level


SS Concentrations at Station IS(Mf)9 (Mid Flood)
Concentration (mg/L)
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


SS Concentrations at Station IS10 (Mid Ebb)
Concentration (mg/L)
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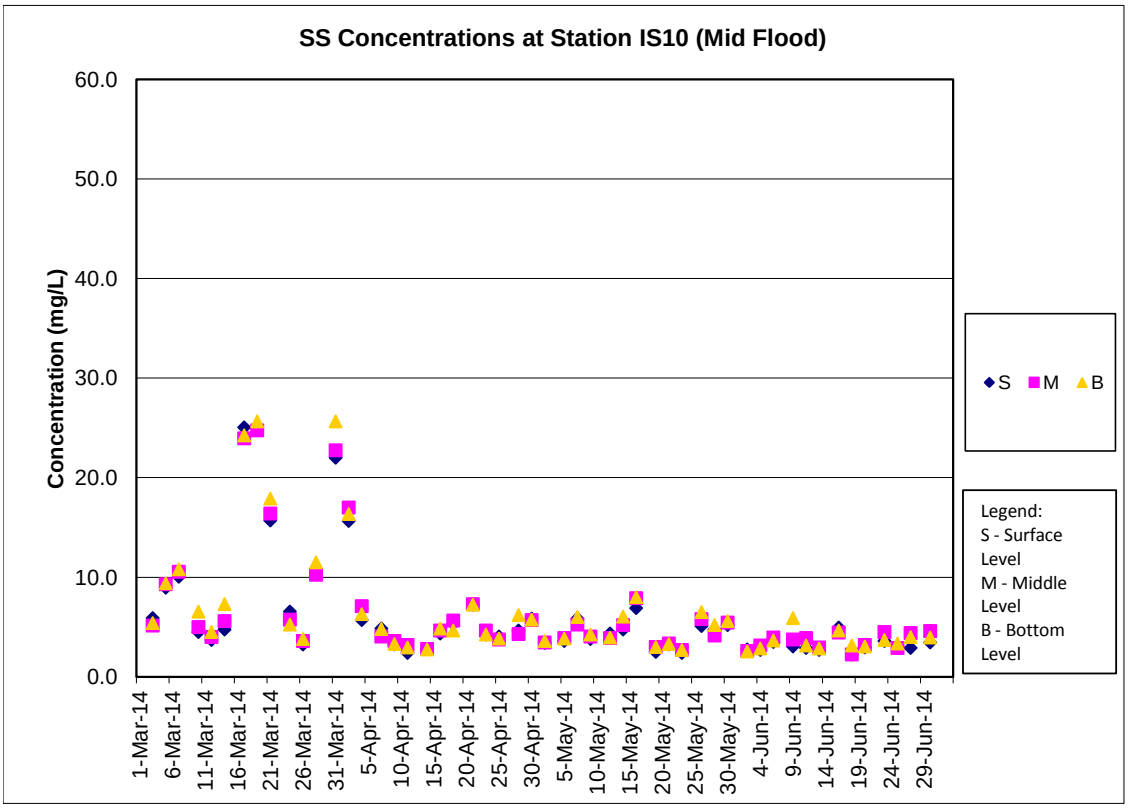
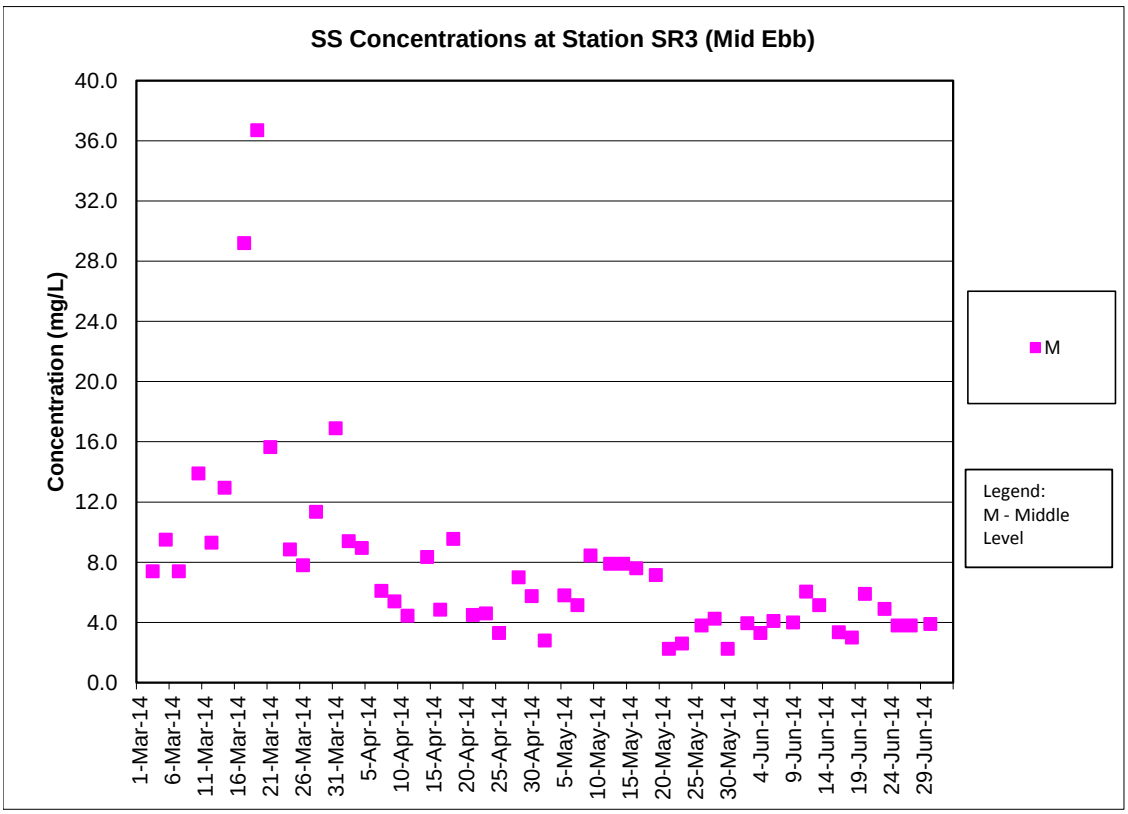
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


SS Concentrations at Station IS10 (Mid Flood)
Concentration (mg/L)
60.0
50.0
40.0
30.0
20.0
10.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


SS Concentrations at Station SR3 (Mid Ebb)
Concentration (mg/L)
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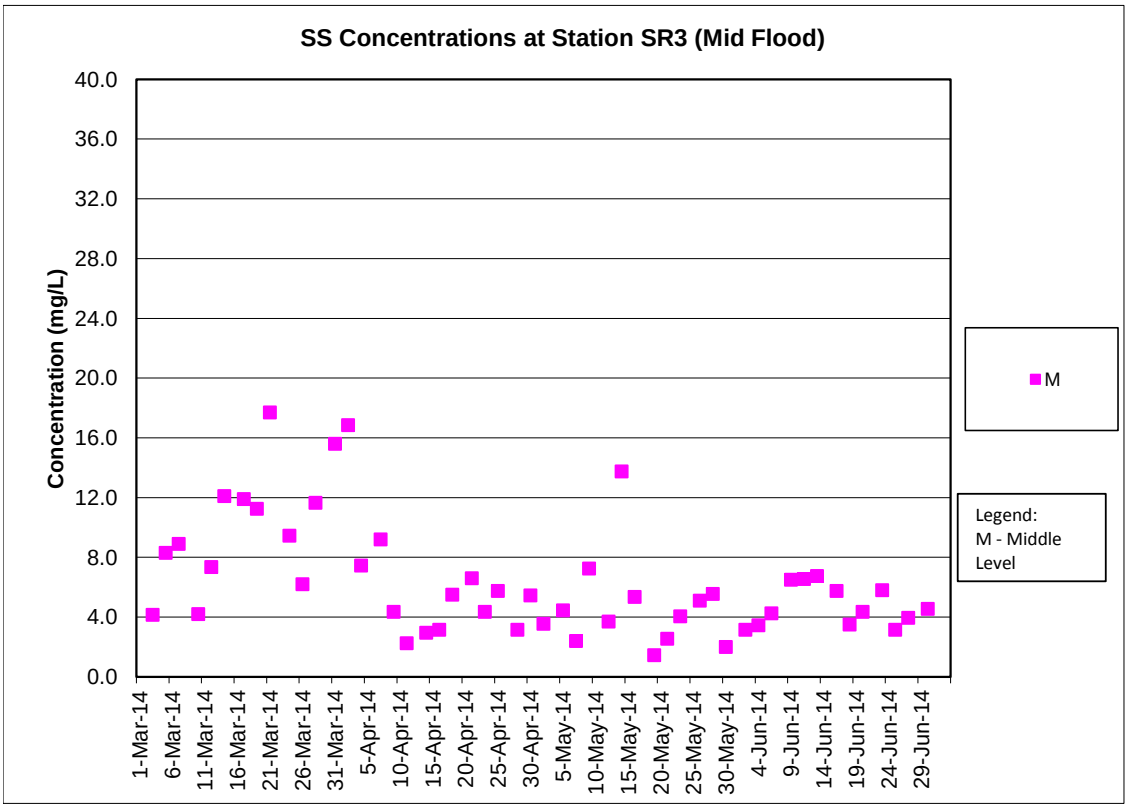
36.0
32.0
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
M
Legend:
M - Middle
Level


SS Concentrations at Station SR3 (Mid Flood)
Concentration (mg/L)
40.0
36.0
32.0
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
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14-Jun-14
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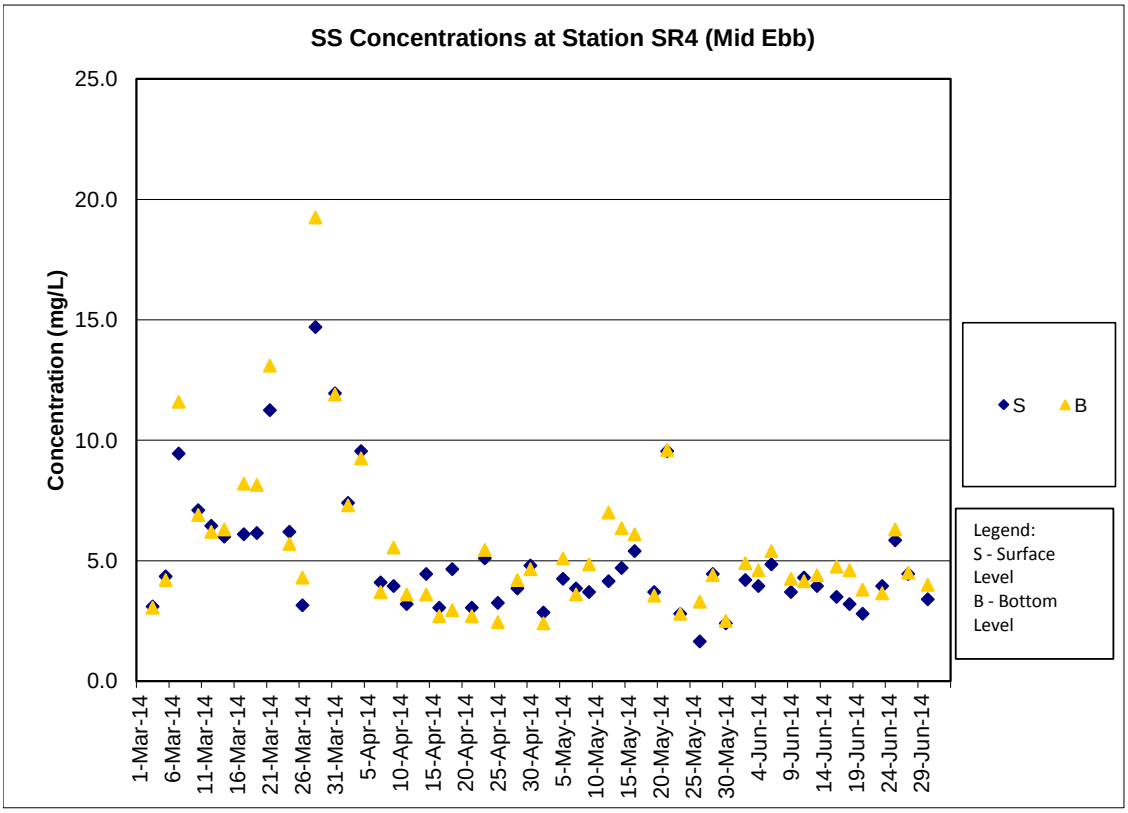
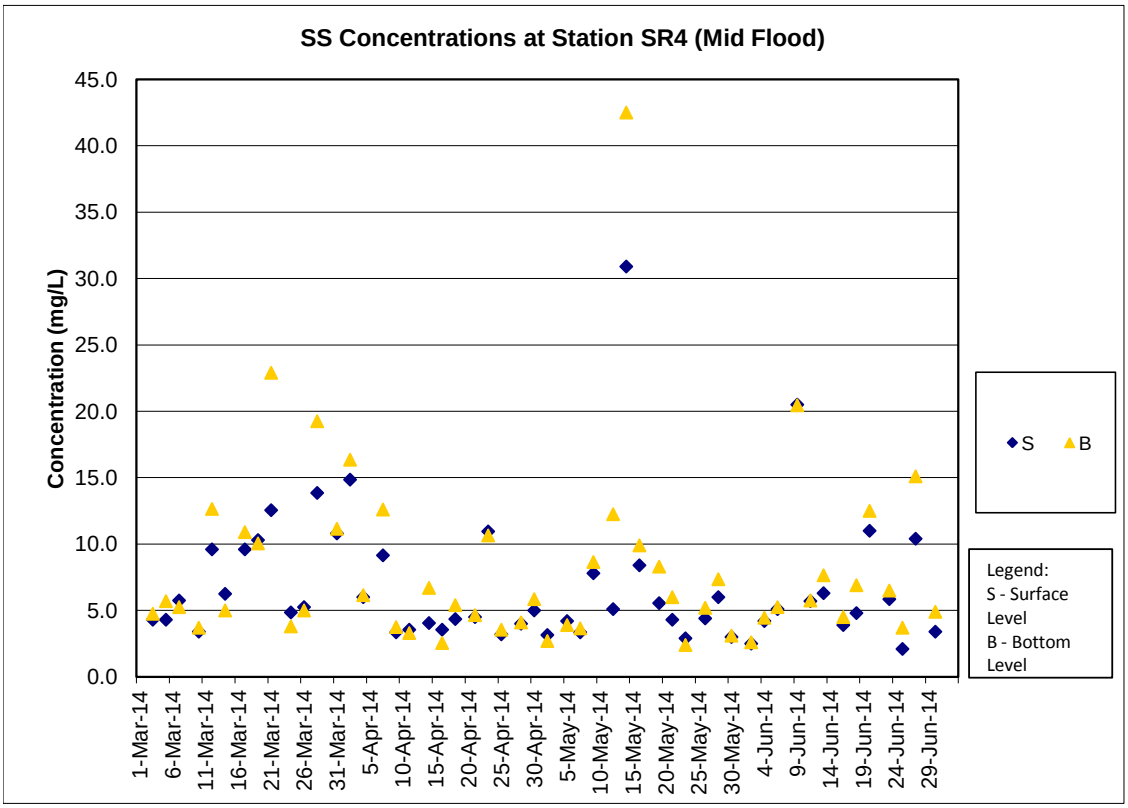
24-Jun-14
29-Jun-14
M
Legend:
M - Middle
Level


SS Concentrations at Station SR4 (Mid Ebb)
Concentration (mg/L)
25.0
20.0
15.0
10.0
5.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S
B
Legend:
S - Surface Level
B - Bottom Level


SS Concentrations at Station SR4 (Mid Flood)
Concentration (mg/L)
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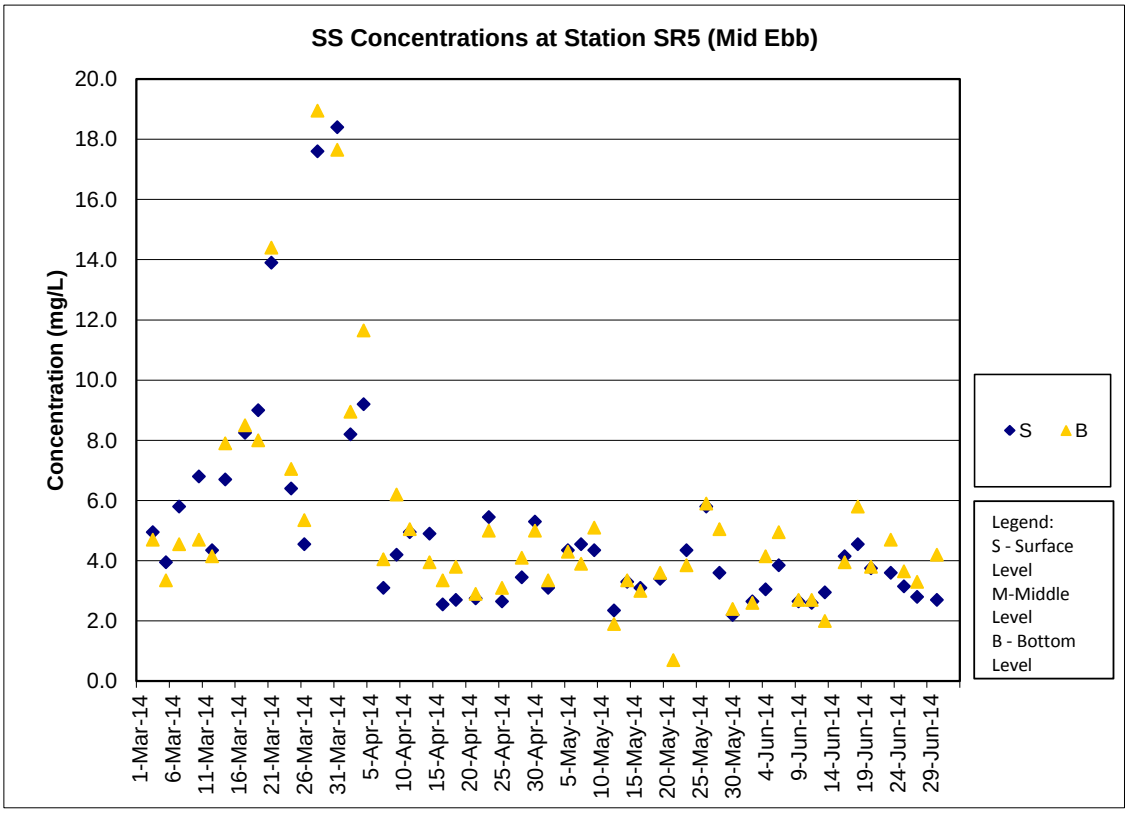
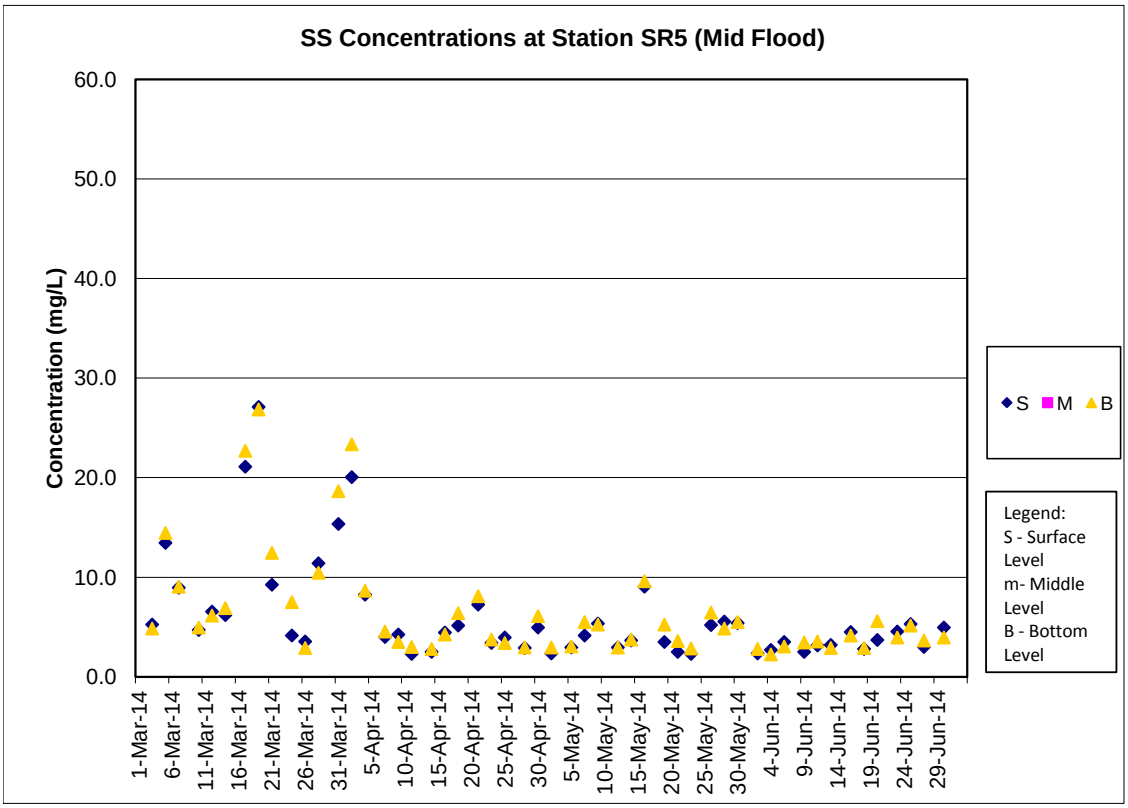
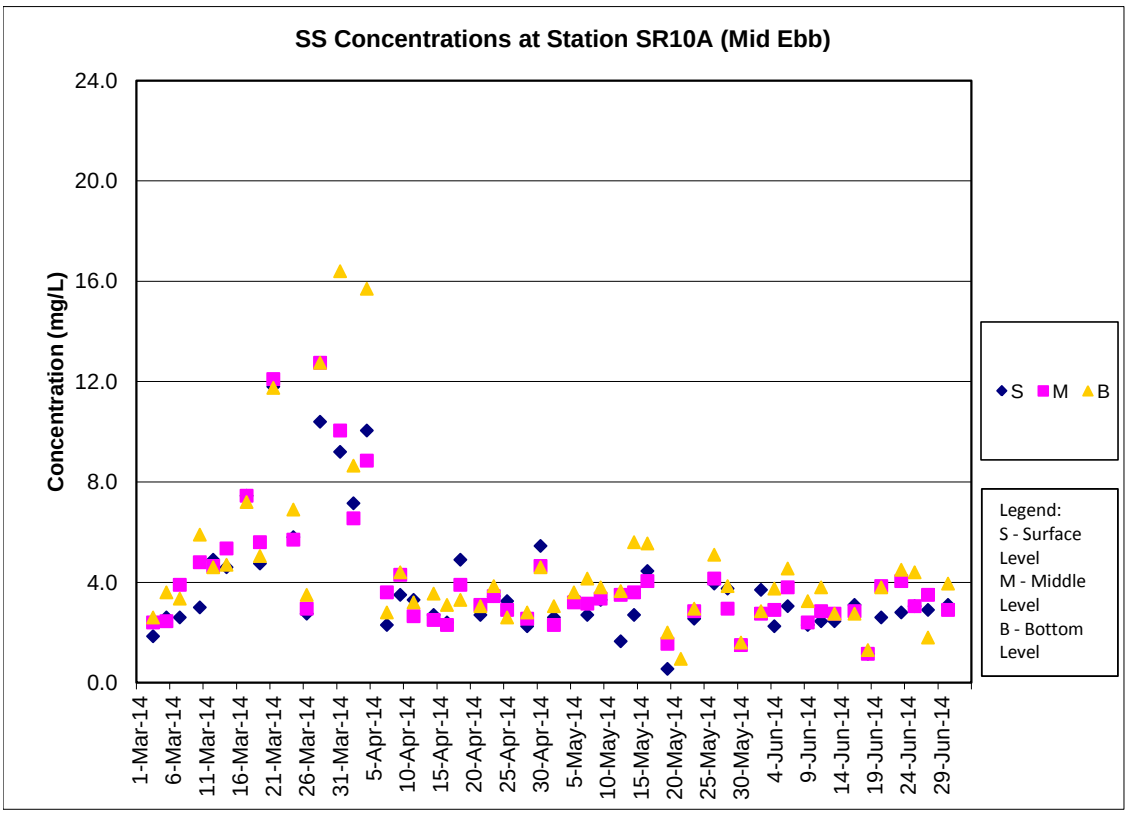
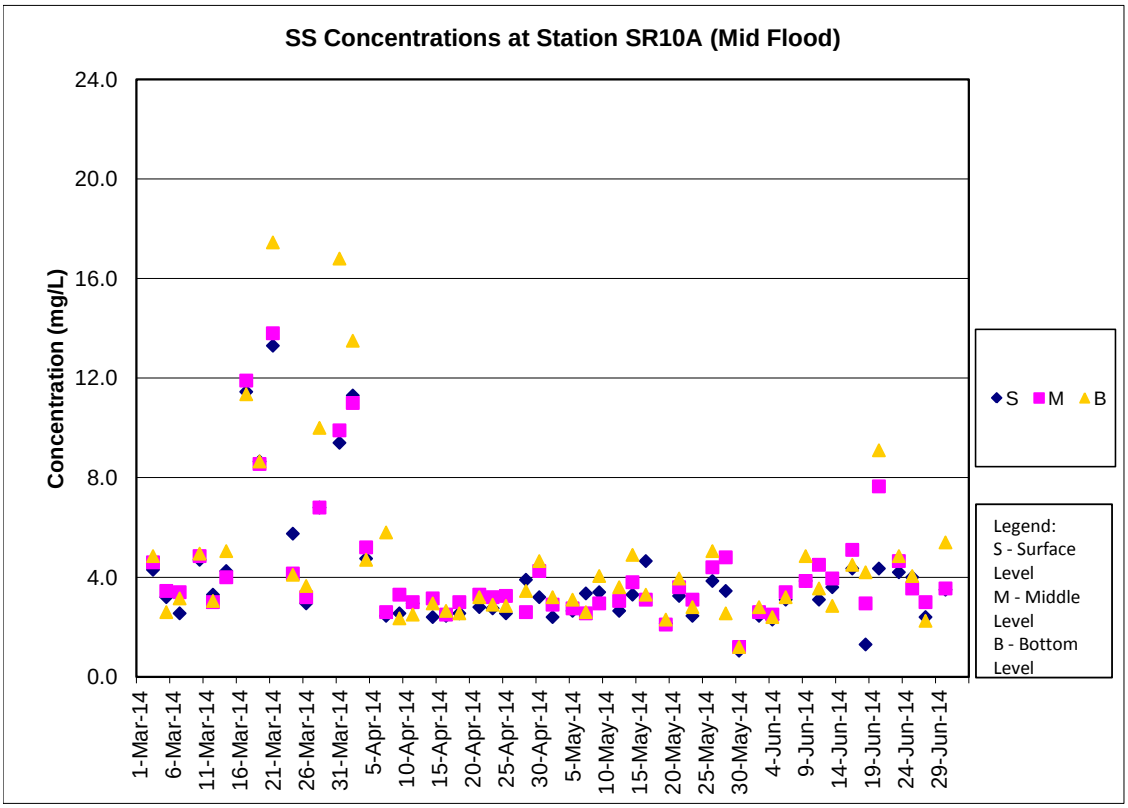
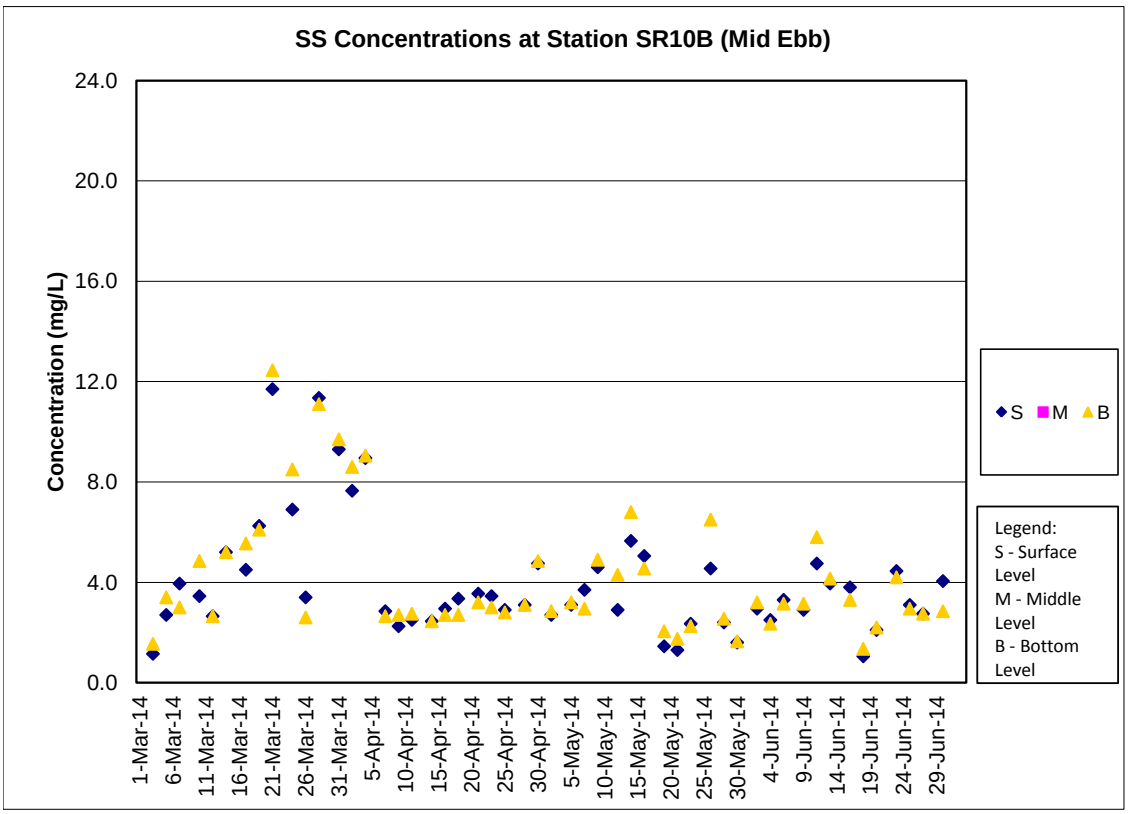
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S
B
Legend:
S - Surface Level
B - Bottom Level


SS Concentrations at Station SR5 (Mid Ebb)
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-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S
B
Legend:
S - Surface Level
M-Middle Level
B - Bottom Level


SS Concentrations at Station SR5 (Mid Flood)
Concentration (mg/L)
60.0
50.0
40.0
30.0
20.0
10.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S
M
B
Legend:
S - Surface Level
m- Middle Level
B - Bottom Level


SS Concentrations at Station SR10A (Mid Ebb)
Concentration (mg/L)
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


SS Concentrations at Station SR10A (Mid Flood)
Concentration (mg/L)
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


SS Concentrations at Station SR10B (Mid Ebb)
Concentration (mg/L)
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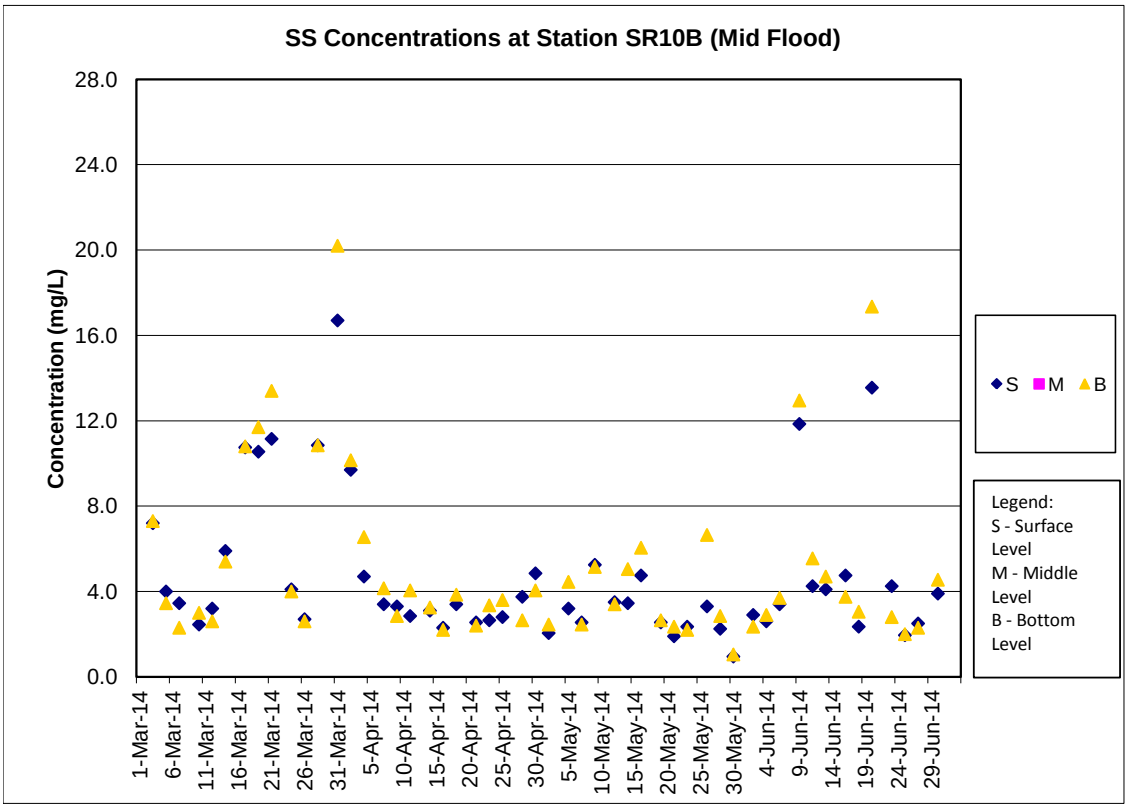
20.0
16.0
12.0
8.0
4.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


SS Concentrations at Station SR10B (Mid Flood)
Concentration (mg/L)
28.0
24.0
20.0
16.0
12.0
8.0
4.0
0.0
1-Mar-14
6-Mar-14
11-Mar-14
16-Mar-14
21-Mar-14
26-Mar-14
31-Mar-14
5-Apr-14
10-Apr-14
15-Apr-14
20-Apr-14
25-Apr-14
30-Apr-14
5-May-14
10-May-14
15-May-14
20-May-14
25-May-14
30-May-14
4-Jun-14
9-Jun-14
14-Jun-14
19-Jun-14
24-Jun-14
29-Jun-14
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

APPENDIX F

Event and Action Plan

Event and Action Plan for Air Quality

Event	Action			
	ET	IEC	SO	Contractor
Exceedance of Action Level for one sample	1. Identify source, investigate the causes of exceedance and propose remedial measures; 2. Inform IEC and SO; 3. Repeat measurement to confirm finding; 4. Increase monitoring frequency to daily.	1. Check monitoring data submitted by ET; 2. Check Contractor's working method.	1. Notify Contractor.	1. Rectify any unacceptable practice; 2. Amend working methods if appropriate.
Exceedance of Action Level for two or more consecutive samples	1. Identify source; 2. Inform IEC and SO; 3. Advise the SO on the effectiveness of the proposed remedial measures; 4. Repeat measurements to confirm findings; 5. Increase monitoring frequency to daily; 6. Discuss with IEC and Contractor on remedial actions required; 7. If exceedance continues, arrange meeting with IEC and SO; 8. If exceedance stops, cease additional monitoring.	1. Check monitoring data submitted by ET; 2. Check Contractor's working method; 3. Discuss with ET and Contractor on possible remedial measures; 4. Advise the ET on the effectiveness of the proposed remedial measures; 5. Supervise Implementation of remedial measures.	1. Confirm receipt of notification of failure in writing; 2. Notify Contractor;	1. Submit proposals for remedial to SO within 3 working days of notification; 2. Implement the agreed proposals; 3. Amend proposal if appropriate.

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

Event and Action Plan for Noise

Event	Action			
	ET	IEC	SO	Contractor
Exceedance of Action Level	1. Identify source, investigate the causes of exceedance and propose remedial measures; 2. Notify IEC and Contractor; 3. Report the results of investigation to the IEC, SO and Contractor; 4. Discuss with the Contractor and formulate remedial measures; 5. Increase monitoring frequency to check mitigation effectiveness.	1. Review the analysed results submitted by the ET; 2. Review the proposed remedial measures by the Contractor and advise the SO accordingly; 3. Supervise the implementation of remedial measures.	1. Confirm receipt of notification of failure in writing; 2. Notify Contractor; 3. Require Contractor to propose remedial measures for the analysed noise problem; 4. Ensure remedial measures are properly implemented	1. Submit noise mitigation proposals to IEC; 2. Implement noise mitigation proposals.
Exceedance of Limit Level	1. Identify source; 2. Inform IEC, SO, EPD and Contractor; 3. Repeat measurements to confirm findings; 4. Increase monitoring frequency; 5. Carry out analysis of Contractor's working procedures to determine possible mitigation to be implemented; 6. Inform IEC, SO and EPD the causes and actions taken for the exceedances; 7. Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and SO informed of the results; 8. If exceedance stops, cease additional monitoring.	1. Discuss amongst SO, ET, and Contractor on the potential remedial actions; 2. Review Contractors remedial actions whenever necessary to assure their effectiveness and advise the SO accordingly; 3. Supervise the implementation of remedial measures.	1. Confirm receipt of notification of failure in writing; 2. Notify Contractor; 3. Require Contractor to propose remedial measures for the analysed noise problem; 4. Ensure remedial measures properly implemented; 5. If exceedance continues, consider what portion of the work is responsible and instruct the Contractor to stop that portion of work until the exceedance is abated.	1. Take immediate action to avoid further exceedance; 2. Submit proposals for remedial actions to IEC within 3 working days of notification; 3. Implement the agreed proposals; 4. Resubmit proposals if problem still not under control; 5. Stop the relevant portion of works as determined by the SO until the exceedance is abated.

Event and Action Plan for Water Quality

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

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

Event and Action Plan for Dolphin Monitoring

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

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

Event and Action Plan for Mudflat Monitoring

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

APPENDIX G

Wind Data

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
05/06/2014	06:32	0	---
05/06/2014	06:35	4	ENE
05/06/2014	06:40	3	SSE
05/06/2014	06:45	5	E
05/06/2014	06:50	3	ENE
05/06/2014	06:55	3	ENE
05/06/2014	07:00	2	S
05/06/2014	07:05	2	E
05/06/2014	07:10	3	N
05/06/2014	07:15	5	N
05/06/2014	07:20	6	N
05/06/2014	07:25	5	NNW
05/06/2014	07:30	8	N
05/06/2014	07:35	6	NNW
05/06/2014	07:40	5	NE
05/06/2014	07:45	3	SSE
05/06/2014	07:50	4	NW
05/06/2014	07:55	3	NNW
05/06/2014	08:00	2	NE
05/06/2014	08:05	4	NNW
05/06/2014	08:10	7	NNW
05/06/2014	08:15	5	NNW
05/06/2014	08:20	5	N
05/06/2014	08:25	7	SSE
05/06/2014	08:30	7	SE
05/06/2014	08:35	3	ESE
05/06/2014	08:40	3	ENE
05/06/2014	08:45	4	ENE
05/06/2014	08:50	5	N
05/06/2014	08:55	3	SSE
05/06/2014	09:00	3	E
05/06/2014	09:05	3	E
05/06/2014	09:10	2	ENE
05/06/2014	09:15	2	ENE
05/06/2014	09:20	4	NNE
05/06/2014	09:25	4	NNE
05/06/2014	09:30	2	S
05/06/2014	09:35	3	ESE
05/06/2014	09:40	4	S
05/06/2014	09:45	2	ESE
05/06/2014	09:50	3	ENE
05/06/2014	09:55	3	NNE
05/06/2014	10:00	4	N
05/06/2014	10:05	2	N
05/06/2014	10:10	6	NW
05/06/2014	10:15	2	NNE
05/06/2014	10:20	3	N
05/06/2014	10:25	2	SW
05/06/2014	10:30	5	W
05/06/2014	10:35	9	N
05/06/2014	10:40	2	SE
05/06/2014	10:45	1	S
05/06/2014	10:50	1	SSE
05/06/2014	10:55	2	ESE
05/06/2014	11:00	1	SE
05/06/2014	11:05	0	SE
05/06/2014	11:10	1	ESE
05/06/2014	11:15	1	N
05/06/2014	11:20	0	WNW
05/06/2014	11:25	1	SSE
05/06/2014	11:30	3	NW
05/06/2014	11:35	3	N
05/06/2014	11:40	3	N
05/06/2014	11:45	1	ENE
05/06/2014	11:50	3	SSE
05/06/2014	11:55	4	SE
05/06/2014	12:00	3	SE
05/06/2014	12:05	3	NNE
05/06/2014	12:10	3	NE
05/06/2014	12:15	3	N
05/06/2014	12:20	4	ENE
05/06/2014	12:25	4	N
05/06/2014	12:30	2	NNW
05/06/2014	12:35	1	SSE
05/06/2014	12:40	1	NNE
05/06/2014	12:45	2	S
05/06/2014	12:50	2	SSE
05/06/2014	12:55	2	S
05/06/2014	13:00	5	NNW
05/06/2014	13:05	5	SSE
05/06/2014	13:10	5	SE
05/06/2014	13:15	3	SE
05/06/2014	13:20	5	N
05/06/2014	13:25	5	N
05/06/2014	13:30	4	NW
05/06/2014	13:35	3	NW
05/06/2014	13:40	2	NNW
05/06/2014	13:45	4	N
05/06/2014	13:50	2	NNW
05/06/2014	13:55	3	N
05/06/2014	14:00	3	N
05/06/2014	14:05	1	NNW
05/06/2014	14:10	0	---
05/06/2014	14:15	0	E
05/06/2014	14:20	1	E
05/06/2014	14:25	1	ESE
05/06/2014	14:30	3	NE
05/06/2014	14:35	2	NW
05/06/2014	14:40	2	E
05/06/2014	14:45	1	SSE
05/06/2014	14:50	2	SSE
05/06/2014	14:55	1	ESE
05/06/2014	15:00	2	S
05/06/2014	15:05	2	SE
05/06/2014	15:10	4	SE
05/06/2014	15:15	3	SSE
05/06/2014	15:20	1	E
05/06/2014	15:25	4	N
05/06/2014	15:30	1	NNE
05/06/2014	15:35	0	S
05/06/2014	15:40	1	S
05/06/2014	15:45	1	S

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
05/06/2014	15:50	0	---
05/06/2014	15:55	0	N
05/06/2014	16:00	3	NNW
05/06/2014	16:05	0	---
05/06/2014	16:10	0	---
05/06/2014	16:15	0	---
05/06/2014	16:20	0	---
05/06/2014	16:25	1	N
05/06/2014	16:30	0	---
05/06/2014	16:35	0	S
05/06/2014	16:40	0	E
05/06/2014	16:45	0	E
05/06/2014	16:50	0	---
05/06/2014	16:55	0	---
05/06/2014	17:00	0	---
05/06/2014	17:05	0	---
05/06/2014	17:10	0	S
05/06/2014	17:15	0	---
05/06/2014	17:20	0	---
05/06/2014	17:25	0	---
05/06/2014	17:30	0	---
05/06/2014	17:35	0	---
05/06/2014	17:40	4	NNW
05/06/2014	17:45	3	NNW
05/06/2014	17:50	3	NNW
05/06/2014	17:55	1	NW
05/06/2014	18:00	0	---
05/06/2014	18:05	0	---
05/06/2014	18:10	0	---
05/06/2014	18:15	0	SSE
05/06/2014	18:20	0	NNW
05/06/2014	18:25	1	NNW
05/06/2014	18:30	3	NNE
05/06/2014	18:35	1	E
05/06/2014	18:40	3	NNE
05/06/2014	18:45	1	NNW
05/06/2014	18:50	1	SSE
05/06/2014	18:55	1	E
05/06/2014	19:00	4	NNW
05/06/2014	19:05	3	NW
05/06/2014	19:10	1	WNW
05/06/2014	19:15	1	SSE
05/06/2014	19:20	1	ESE
05/06/2014	19:25	1	ENE
05/06/2014	19:30	0	NNW
05/06/2014	19:35	2	SSE
05/06/2014	19:40	1	ESE
05/06/2014	19:45	0	ENE
05/06/2014	19:50	0	---
05/06/2014	19:55	3	NW
05/06/2014	20:00	4	N
05/06/2014	20:05	3	N
05/06/2014	20:10	2	NW
05/06/2014	20:15	2	NW
05/06/2014	20:20	2	NNW
05/06/2014	20:25	1	ENE
05/06/2014	20:30	0	S
05/06/2014	20:35	2	S
05/06/2014	20:40	1	NW
05/06/2014	20:45	2	NW
05/06/2014	20:50	2	NNE
05/06/2014	20:55	4	NW
05/06/2014	21:00	4	NNW
05/06/2014	21:05	2	NNW
05/06/2014	21:10	4	NNW
05/06/2014	21:15	5	NW
05/06/2014	21:20	3	NNW
05/06/2014	21:25	3	NW
05/06/2014	21:30	3	WNW
05/06/2014	21:35	2	NNE
05/06/2014	21:40	3	NNW
05/06/2014	21:45	1	WNW
05/06/2014	21:50	0	N
05/06/2014	21:55	0	---
05/06/2014	22:00	0	NW
05/06/2014	22:05	3	N
05/06/2014	22:10	3	NNW
05/06/2014	22:15	6	NNW
05/06/2014	22:20	6	NNW
05/06/2014	22:25	6	N
05/06/2014	22:30	5	NNE
05/06/2014	22:35	3	NNE
05/06/2014	22:40	2	NNW
05/06/2014	22:45	3	NNE
05/06/2014	22:50	3	NNW
05/06/2014	22:55	3	N
05/06/2014	23:00	3	N
05/06/2014	23:05	4	NW
05/06/2014	23:10	3	N
05/06/2014	23:15	3	NNW
05/06/2014	23:20	2	N
05/06/2014	23:25	1	ENE
05/06/2014	23:30	2	NNW
05/06/2014	23:35	0	NW
05/06/2014	23:40	3	NW
05/06/2014	23:45	2	N
05/06/2014	23:50	2	N
05/06/2014	23:55	1	N
06/06/2014	00:00	1	NNW
06/06/2014	00:05	1	NNW
06/06/2014	00:10	0	---
06/06/2014	00:15	0	N
06/06/2014	00:20	0	N
06/06/2014	00:25	2	SE
06/06/2014	00:30	2	ESE
06/06/2014	00:35	0	ESE
06/06/2014	00:40	0	S
06/06/2014	00:45	0	---
06/06/2014	00:50	0	S
06/06/2014	00:55	0	---
06/06/2014	01:00	0	---
06/06/2014	01:05	0	---

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
06/06/2014	01:10	0	---	06/06/2014	05:50	5	ESE
06/06/2014	01:15	0	S	06/06/2014	05:55	3	SE
06/06/2014	01:20	0	---	06/06/2014	06:00	0	SSE
06/06/2014	01:25	0	S	06/06/2014	06:05	2	SSE
06/06/2014	01:30	0	---	06/06/2014	06:10	2	ESE
06/06/2014	01:35	0	---	06/06/2014	06:15	3	N
06/06/2014	01:40	0	---	06/06/2014	06:20	2	ENE
06/06/2014	01:45	0	---	06/06/2014	06:25	1	S
06/06/2014	01:50	0	---	06/06/2014	06:30	2	SSE
06/06/2014	01:55	0	---	06/06/2014	06:35	1	ENE
06/06/2014	02:00	0	---	06/06/2014	06:40	1	SE
06/06/2014	02:05	0	---	06/06/2014	06:45	4	SSE
06/06/2014	02:10	0	---	06/06/2014	06:50	4	SE
06/06/2014	02:15	0	---	06/06/2014	06:55	5	SE
06/06/2014	02:20	0	---	06/06/2014	07:00	4	ESE
06/06/2014	02:25	0	---	06/06/2014	07:05	4	SE
06/06/2014	02:30	0	---	06/06/2014	07:10	4	SE
06/06/2014	02:35	0	---	06/06/2014	07:15	3	ESE
06/06/2014	02:40	0	NNE	06/06/2014	07:20	6	N
06/06/2014	02:45	0	NNE	06/06/2014	07:25	3	NNW
06/06/2014	02:50	1	NNE	06/06/2014	07:30	3	N
06/06/2014	02:55	0	N	06/06/2014	07:35	2	NW
06/06/2014	03:00	0	---	06/06/2014	07:40	4	S
06/06/2014	03:05	0	---	06/06/2014	07:45	3	S
06/06/2014	03:10	0	---	06/06/2014	07:50	1	SSW
06/06/2014	03:15	0	---	06/06/2014	07:55	2	S
06/06/2014	03:20	2	NE	06/06/2014	08:00	0	SW
06/06/2014	03:25	4	N	06/06/2014	08:05	1	SSW
06/06/2014	03:30	3	NNE	06/06/2014	08:10	1	E
06/06/2014	03:35	1	N	06/06/2014	08:15	3	S
06/06/2014	03:40	2	N	06/06/2014	08:20	2	NNE
06/06/2014	03:45	3	NNW	06/06/2014	08:25	6	WNW
06/06/2014	03:50	2	N	06/06/2014	08:30	5	N
06/06/2014	03:55	1	NE	06/06/2014	08:35	6	NW
06/06/2014	04:00	2	S	06/06/2014	08:40	5	N
06/06/2014	04:05	2	ENE	06/06/2014	08:45	6	NNW
06/06/2014	04:10	3	ESE	06/06/2014	08:50	6	N
06/06/2014	04:15	8	NNW	06/06/2014	08:55	5	NW
06/06/2014	04:20	6	N	06/06/2014	09:00	7	WNW
06/06/2014	04:25	2	NNW	06/06/2014	09:05	8	NNW
06/06/2014	04:30	3	N	06/06/2014	09:10	11	NNW
06/06/2014	04:35	2	N	06/06/2014	09:15	10	NNW
06/06/2014	04:40	3	N	06/06/2014	09:20	14	NNW
06/06/2014	04:45	5	N	06/06/2014	09:25	15	NW
06/06/2014	04:50	4	N	06/06/2014	09:30	11	NNW
06/06/2014	04:55	4	N	06/06/2014	09:35	10	NNW
06/06/2014	05:00	4	N	06/06/2014	09:40	8	NW
06/06/2014	05:05	5	N	06/06/2014	09:45	9	NW
06/06/2014	05:10	4	N	06/06/2014	09:50	6	NW
06/06/2014	05:15	4	N	06/06/2014	09:55	2	WNW
06/06/2014	05:20	3	N	06/06/2014	10:00	1	S
06/06/2014	05:25	4	N	06/06/2014	10:05	1	N
06/06/2014	05:30	4	N	06/06/2014	10:10	3	NNE
06/06/2014	05:35	4	NNW	06/06/2014	10:15	0	NNE
06/06/2014	05:40	2	NNE	06/06/2014	10:20	0	NNE
06/06/2014	05:45	1	NNE	06/06/2014	10:25	2	NNW

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
06/06/2014	10:30	3	NW	06/06/2014	15:10	2	WNW
06/06/2014	10:35	1	W	06/06/2014	15:15	3	NNW
06/06/2014	10:40	2	NW	06/06/2014	15:20	3	NNW
06/06/2014	10:45	2	NNW	06/06/2014	15:25	4	NNW
06/06/2014	10:50	3	N	06/06/2014	15:30	4	NNW
06/06/2014	10:55	4	NNW	06/06/2014	15:35	4	NW
06/06/2014	11:00	1	W	06/06/2014	15:40	3	NW
06/06/2014	11:05	3	N	06/06/2014	15:45	2	WNW
06/06/2014	11:10	2	NW	06/06/2014	15:50	1	NW
06/06/2014	11:15	1	NNW	06/06/2014	15:55	2	WNW
06/06/2014	11:20	0	NE	06/06/2014	16:00	3	WNW
06/06/2014	11:25	1	NW	06/06/2014	16:05	3	WNW
06/06/2014	11:30	1	WNW	06/06/2014	16:10	2	WNW
06/06/2014	11:35	0	NW	06/06/2014	16:15	2	NW
06/06/2014	11:40	0	NW	06/06/2014	16:20	0	NW
06/06/2014	11:45	0	---	06/06/2014	16:25	0	SSW
06/06/2014	11:50	1	NE	06/06/2014	16:30	0	---
06/06/2014	11:55	3	E	06/06/2014	16:35	0	---
06/06/2014	12:00	2	ENE	06/06/2014	16:40	0	---
06/06/2014	12:05	3	NNW	06/06/2014	16:45	0	---
06/06/2014	12:10	1	NNE	06/06/2014	16:50	0	---
06/06/2014	12:15	1	NNW	06/06/2014	16:55	0	---
06/06/2014	12:20	0	ESE	06/06/2014	17:00	0	---
06/06/2014	12:25	2	S	06/06/2014	17:05	0	---
06/06/2014	12:30	2	SSW	06/06/2014	17:10	0	---
06/06/2014	12:35	0	---	06/06/2014	17:15	0	SSW
06/06/2014	12:40	2	N	06/06/2014	17:20	0	SSW
06/06/2014	12:45	2	N	06/06/2014	17:25	0	---
06/06/2014	12:50	0	WNW	06/06/2014	17:30	0	---
06/06/2014	12:55	2	NNW	06/06/2014	17:35	0	---
06/06/2014	13:00	2	N	06/06/2014	17:40	0	---
06/06/2014	13:05	2	N	06/06/2014	17:45	0	---
06/06/2014	13:10	4	N	06/06/2014	17:50	0	NW
06/06/2014	13:15	4	NNW	06/06/2014	17:55	2	NW
06/06/2014	13:20	3	WNW	06/06/2014	18:00	1	NW
06/06/2014	13:25	1	NW	06/06/2014	18:05	1	NNW
06/06/2014	13:30	2	NW	06/06/2014	18:10	1	NW
06/06/2014	13:35	2	WNW	06/06/2014	18:15	3	WNW
06/06/2014	13:40	2	WNW	06/06/2014	18:20	2	WNW
06/06/2014	13:45	3	WNW	06/06/2014	18:25	3	WNW
06/06/2014	13:50	3	NNW	06/06/2014	18:30	3	WNW
06/06/2014	13:55	3	NW	06/06/2014	18:35	1	WNW
06/06/2014	14:00	3	WNW	06/06/2014	18:40	2	WNW
06/06/2014	14:05	4	NW	06/06/2014	18:45	1	WNW
06/06/2014	14:10	3	NNW	06/06/2014	18:50	2	WNW
06/06/2014	14:15	3	NW	06/06/2014	18:55	2	NNW
06/06/2014	14:20	3	NNW	06/06/2014	19:00	1	NNW
06/06/2014	14:25	1	NNW	06/06/2014	19:05	1	SSW
06/06/2014	14:30	2	N	06/06/2014	19:10	0	SSW
06/06/2014	14:35	5	NNW	06/06/2014	19:15	0	SSW
06/06/2014	14:40	4	NW	06/06/2014	19:20	0	---
06/06/2014	14:45	4	NNW	06/06/2014	19:25	0	SSW
06/06/2014	14:50	2	NW	06/06/2014	19:30	0	---
06/06/2014	14:55	3	NNW	06/06/2014	19:35	0	---
06/06/2014	15:00	3	NW	06/06/2014	19:40	0	---
06/06/2014	15:05	2	NW	06/06/2014	19:45	0	NNW

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
06/06/2014	19:50	1	NNW	07/06/2014	00:30	0	---
06/06/2014	19:55	0	WNW	07/06/2014	00:35	0	---
06/06/2014	20:00	1	WNW	07/06/2014	00:40	0	---
06/06/2014	20:05	0	W	07/06/2014	00:45	0	---
06/06/2014	20:10	1	WNW	07/06/2014	00:50	0	---
06/06/2014	20:15	1	NW	07/06/2014	00:55	0	---
06/06/2014	20:20	1	NW	07/06/2014	01:00	0	---
06/06/2014	20:25	1	NNW	07/06/2014	01:05	0	---
06/06/2014	20:30	0	---	07/06/2014	01:10	0	---
06/06/2014	20:35	0	---	07/06/2014	01:15	0	---
06/06/2014	20:40	0	---	07/06/2014	01:20	0	---
06/06/2014	20:45	0	---	07/06/2014	01:25	0	---
06/06/2014	20:50	0	---	07/06/2014	01:30	0	---
06/06/2014	20:55	0	---	07/06/2014	01:35	0	---
06/06/2014	21:00	0	---	07/06/2014	01:40	0	---
06/06/2014	21:05	0	---	07/06/2014	01:45	0	---
06/06/2014	21:10	0	---	07/06/2014	01:50	0	---
06/06/2014	21:15	0	---	07/06/2014	01:55	0	---
06/06/2014	21:20	0	---	07/06/2014	02:00	0	---
06/06/2014	21:25	0	NNW	07/06/2014	02:05	0	---
06/06/2014	21:30	0	---	07/06/2014	02:10	0	---
06/06/2014	21:35	0	---	07/06/2014	02:15	0	---
06/06/2014	21:40	0	---	07/06/2014	02:20	0	---
06/06/2014	21:45	0	W	07/06/2014	02:25	0	---
06/06/2014	21:50	2	WNW	07/06/2014	02:30	0	---
06/06/2014	21:55	3	WNW	07/06/2014	02:35	0	---
06/06/2014	22:00	5	NNW	07/06/2014	02:40	0	---
06/06/2014	22:05	0	NNW	07/06/2014	02:45	0	---
06/06/2014	22:10	0	NNW	07/06/2014	02:50	0	---
06/06/2014	22:15	0	---	07/06/2014	02:55	0	---
06/06/2014	22:20	0	---	07/06/2014	03:00	0	---
06/06/2014	22:25	0	---	07/06/2014	03:05	0	---
06/06/2014	22:30	0	---	07/06/2014	03:10	0	---
06/06/2014	22:35	0	---	07/06/2014	03:15	0	---
06/06/2014	22:40	0	---	07/06/2014	03:20	0	---
06/06/2014	22:45	0	---	07/06/2014	03:25	1	NNW
06/06/2014	22:50	0	---	07/06/2014	03:30	2	WNW
06/06/2014	22:55	0	---	07/06/2014	03:35	1	WNW
06/06/2014	23:00	0	---	07/06/2014	03:40	1	WNW
06/06/2014	23:05	0	---	07/06/2014	03:45	3	WNW
06/06/2014	23:10	0	WNW	07/06/2014	03:50	0	WNW
06/06/2014	23:15	0	---	07/06/2014	03:55	0	WNW
06/06/2014	23:20	0	---	07/06/2014	04:00	1	NNW
06/06/2014	23:25	0	SSW	07/06/2014	04:05	0	NNW
06/06/2014	23:30	0	SSW	07/06/2014	04:10	0	---
06/06/2014	23:35	1	W	07/06/2014	04:15	0	---
06/06/2014	23:40	0	W	07/06/2014	04:20	0	---
06/06/2014	23:45	0	---	07/06/2014	04:25	0	NW
06/06/2014	23:50	0	---	07/06/2014	04:30	0	NW
06/06/2014	23:55	0	---	07/06/2014	04:35	1	ENE
07/06/2014	00:00	0	---	07/06/2014	04:40	4	ENE
07/06/2014	00:05	0	---	07/06/2014	04:45	2	ENE
07/06/2014	00:10	0	---	07/06/2014	04:50	2	NE
07/06/2014	00:15	0	---	07/06/2014	04:55	1	NE
07/06/2014	00:20	0	---	07/06/2014	05:00	2	ENE
07/06/2014	00:25	0	---	07/06/2014	05:05	2	ENE

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

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

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
07/06/2014	14:30	0	N	07/06/2014	19:10	0	---
07/06/2014	14:35	2	E	07/06/2014	19:15	0	---
07/06/2014	14:40	2	E	07/06/2014	19:20	0	---
07/06/2014	14:45	2	ENE	07/06/2014	19:25	0	---
07/06/2014	14:50	1	E	07/06/2014	19:30	0	---
07/06/2014	14:55	0	NE	07/06/2014	19:35	0	---
07/06/2014	15:00	0	E	07/06/2014	19:40	0	---
07/06/2014	15:05	0	E	07/06/2014	19:45	0	---
07/06/2014	15:10	0	SSE	07/06/2014	19:50	0	---
07/06/2014	15:15	2	SSE	07/06/2014	19:55	0	---
07/06/2014	15:20	2	ESE	07/06/2014	20:00	0	---
07/06/2014	15:25	2	SE	07/06/2014	20:05	1	NNW
07/06/2014	15:30	1	SE	07/06/2014	20:10	0	NNW
07/06/2014	15:35	1	E	07/06/2014	20:15	0	---
07/06/2014	15:40	0	E	07/06/2014	20:20	0	---
07/06/2014	15:45	2	SE	07/06/2014	20:25	0	---
07/06/2014	15:50	1	ESE	07/06/2014	20:30	0	---
07/06/2014	15:55	3	SSE	07/06/2014	20:35	0	---
07/06/2014	16:00	1	SSE	07/06/2014	20:40	0	---
07/06/2014	16:05	0	SSE	07/06/2014	20:45	0	---
07/06/2014	16:10	0	---	07/06/2014	20:50	0	---
07/06/2014	16:15	0	---	07/06/2014	20:55	0	---
07/06/2014	16:20	0	---	07/06/2014	21:00	0	---
07/06/2014	16:25	0	SSE	07/06/2014	21:05	0	---
07/06/2014	16:30	3	NNW	07/06/2014	21:10	0	---
07/06/2014	16:35	3	NW	07/06/2014	21:15	0	---
07/06/2014	16:40	1	NW	07/06/2014	21:20	0	---
07/06/2014	16:45	0	NNW	07/06/2014	21:25	0	WNW
07/06/2014	16:50	1	NNW	07/06/2014	21:30	2	NW
07/06/2014	16:55	0	NW	07/06/2014	21:35	1	NW
07/06/2014	17:00	2	N	07/06/2014	21:40	2	NW
07/06/2014	17:05	2	NNW	07/06/2014	21:45	2	WNW
07/06/2014	17:10	0	NNW	07/06/2014	21:50	2	WNW
07/06/2014	17:15	0	NNW	07/06/2014	21:55	1	NW
07/06/2014	17:20	0	---	07/06/2014	22:00	1	NW
07/06/2014	17:25	0	NNW	07/06/2014	22:05	2	NW
07/06/2014	17:30	0	---	07/06/2014	22:10	2	NNW
07/06/2014	17:35	0	---	07/06/2014	22:15	1	NNW
07/06/2014	17:40	0	---	07/06/2014	22:20	0	---
07/06/2014	17:45	0	---	07/06/2014	22:25	0	---
07/06/2014	17:50	0	---	07/06/2014	22:30	1	NNW
07/06/2014	17:55	0	---	07/06/2014	22:35	0	NNW
07/06/2014	18:00	0	---	07/06/2014	22:40	0	NNW
07/06/2014	18:05	0	---	07/06/2014	22:45	1	WNW
07/06/2014	18:10	0	---	07/06/2014	22:50	1	WNW
07/06/2014	18:15	0	---	07/06/2014	22:55	2	WNW
07/06/2014	18:20	0	---	07/06/2014	23:00	2	WNW
07/06/2014	18:25	0	---	07/06/2014	23:05	1	WNW
07/06/2014	18:30	0	---	07/06/2014	23:10	1	NW
07/06/2014	18:35	0	---	07/06/2014	23:15	1	NW
07/06/2014	18:40	0	---	07/06/2014	23:20	1	NW
07/06/2014	18:45	0	---	07/06/2014	23:25	0	NW
07/06/2014	18:50	0	---	07/06/2014	23:30	0	---
07/06/2014	18:55	0	---	07/06/2014	23:35	0	---
07/06/2014	19:00	0	---	07/06/2014	23:40	0	---
07/06/2014	19:05	0	---	07/06/2014	23:45	1	NNW

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
07/06/2014	23:50	0	NNW	08/06/2014	04:30	2	N
07/06/2014	23:55	0	---	08/06/2014	04:35	1	ENE
08/06/2014	00:00	1	NNW	08/06/2014	04:40	1	ENE
08/06/2014	00:05	0	NNW	08/06/2014	04:45	2	ENE
08/06/2014	00:10	0	WNW	08/06/2014	04:50	3	NNW
08/06/2014	00:15	2	WNW	08/06/2014	04:55	3	N
08/06/2014	00:20	3	WNW	08/06/2014	05:00	2	NNW
08/06/2014	00:25	2	WNW	08/06/2014	05:05	5	N
08/06/2014	00:30	2	NW	08/06/2014	05:10	4	N
08/06/2014	00:35	3	NW	08/06/2014	05:15	6	NNW
08/06/2014	00:40	3	NNW	08/06/2014	05:20	5	NNW
08/06/2014	00:45	2	NW	08/06/2014	05:25	3	NNW
08/06/2014	00:50	2	NW	08/06/2014	05:30	1	WNW
08/06/2014	00:55	3	WNW	08/06/2014	05:35	3	NNW
08/06/2014	01:00	4	NW	08/06/2014	05:40	2	WNW
08/06/2014	01:05	3	WNW	08/06/2014	05:45	3	NW
08/06/2014	01:10	4	NNW	08/06/2014	05:50	3	N
08/06/2014	01:15	3	NW	08/06/2014	05:55	4	NNW
08/06/2014	01:20	1	NW	08/06/2014	06:00	6	NNW
08/06/2014	01:25	0	NNW	08/06/2014	06:05	5	NNW
08/06/2014	01:30	0	---	08/06/2014	06:10	5	N
08/06/2014	01:35	0	---	08/06/2014	06:15	4	N
08/06/2014	01:40	0	---	08/06/2014	06:20	5	NNW
08/06/2014	01:45	0	---	08/06/2014	06:25	5	NW
08/06/2014	01:50	1	WNW	08/06/2014	06:30	6	NW
08/06/2014	01:55	2	WNW	08/06/2014	06:35	5	NW
08/06/2014	02:00	0	NW	08/06/2014	06:40	5	WNW
08/06/2014	02:05	1	NW	08/06/2014	06:45	4	WNW
08/06/2014	02:10	2	W	08/06/2014	06:50	5	NW
08/06/2014	02:15	1	WNW	08/06/2014	06:55	5	NW
08/06/2014	02:20	2	WNW	08/06/2014	07:00	4	NW
08/06/2014	02:25	2	NNW	08/06/2014	07:05	6	WNW
08/06/2014	02:30	2	NW	08/06/2014	07:10	5	NW
08/06/2014	02:35	2	WNW	08/06/2014	07:15	4	NW
08/06/2014	02:40	4	W	08/06/2014	07:20	2	WNW
08/06/2014	02:45	2	W	08/06/2014	07:25	2	NW
08/06/2014	02:50	2	W	08/06/2014	07:30	5	NW
08/06/2014	02:55	0	WNW	08/06/2014	07:35	4	NW
08/06/2014	03:00	2	W	08/06/2014	07:40	5	NW
08/06/2014	03:05	1	NW	08/06/2014	07:45	6	NW
08/06/2014	03:10	2	WNW	08/06/2014	07:50	5	NW
08/06/2014	03:15	3	WNW	08/06/2014	07:55	6	NW
08/06/2014	03:20	1	WNW	08/06/2014	08:00	5	NW
08/06/2014	03:25	1	WNW	08/06/2014	08:05	4	NW
08/06/2014	03:30	1	WNW	08/06/2014	08:10	4	NW
08/06/2014	03:35	0	WNW	08/06/2014	08:15	5	NNW
08/06/2014	03:40	0	NNE	08/06/2014	08:20	5	NNW
08/06/2014	03:45	1	NNE	08/06/2014	08:25	6	N
08/06/2014	03:50	1	N	08/06/2014	08:30	5	NNW
08/06/2014	03:55	0	---	08/06/2014	08:35	6	NNW
08/06/2014	04:00	1	NNE	08/06/2014	08:40	6	NNW
08/06/2014	04:05	3	NNE	08/06/2014	08:45	7	N
08/06/2014	04:10	1	NNW	08/06/2014	08:50	9	NNW
08/06/2014	04:15	3	N	08/06/2014	08:55	8	NNW
08/06/2014	04:20	2	N	08/06/2014	09:00	9	N
08/06/2014	04:25	3	NE	08/06/2014	09:05	7	NNW

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
08/06/2014	09:10	7	NNW	08/06/2014	13:50	5	SE
08/06/2014	09:15	8	N	08/06/2014	13:55	3	ESE
08/06/2014	09:20	9	NNW	08/06/2014	14:00	4	E
08/06/2014	09:25	8	NNW	08/06/2014	14:05	0	E
08/06/2014	09:30	6	N	08/06/2014	14:10	2	ENE
08/06/2014	09:35	6	N	08/06/2014	14:15	2	E
08/06/2014	09:40	4	NNW	08/06/2014	14:20	0	E
08/06/2014	09:45	2	WNW	08/06/2014	14:25	0	---
08/06/2014	09:50	2	WNW	08/06/2014	14:30	0	---
08/06/2014	09:55	4	NNW	08/06/2014	14:35	0	---
08/06/2014	10:00	4	NNW	08/06/2014	14:40	0	---
08/06/2014	10:05	2	N	08/06/2014	14:45	0	---
08/06/2014	10:10	4	WNW	08/06/2014	14:50	0	---
08/06/2014	10:15	5	NW	08/06/2014	14:55	0	---
08/06/2014	10:20	3	N	08/06/2014	15:00	0	---
08/06/2014	10:25	4	N	08/06/2014	15:05	0	---
08/06/2014	10:30	3	NNE	08/06/2014	15:10	0	---
08/06/2014	10:35	4	N	08/06/2014	15:15	0	---
08/06/2014	10:40	5	NW	08/06/2014	15:20	0	---
08/06/2014	10:45	5	WNW	08/06/2014	15:25	2	N
08/06/2014	10:50	4	NNW	08/06/2014	15:30	2	NNW
08/06/2014	10:55	5	NNW	08/06/2014	15:35	1	NW
08/06/2014	11:00	5	NW	08/06/2014	15:40	3	NW
08/06/2014	11:05	5	NW	08/06/2014	15:45	4	NW
08/06/2014	11:10	5	WNW	08/06/2014	15:50	3	NW
08/06/2014	11:15	6	NNW	08/06/2014	15:55	4	NW
08/06/2014	11:20	4	NW	08/06/2014	16:00	5	NW
08/06/2014	11:25	5	NW	08/06/2014	16:05	2	NW
08/06/2014	11:30	4	NNE	08/06/2014	16:10	0	---
08/06/2014	11:35	4	NNW	08/06/2014	16:15	1	NW
08/06/2014	11:40	4	N	08/06/2014	16:20	2	WNW
08/06/2014	11:45	6	NNW	08/06/2014	16:25	3	WNW
08/06/2014	11:50	4	WNW	08/06/2014	16:30	4	NW
08/06/2014	11:55	4	NW	08/06/2014	16:35	3	NW
08/06/2014	12:00	2	WNW	08/06/2014	16:40	3	NW
08/06/2014	12:05	2	ENE	08/06/2014	16:45	4	NW
08/06/2014	12:10	3	NNE	08/06/2014	16:50	3	NW
08/06/2014	12:15	3	N	08/06/2014	16:55	3	NW
08/06/2014	12:20	2	NE	08/06/2014	17:00	5	NW
08/06/2014	12:25	3	NNW	08/06/2014	17:05	3	NNW
08/06/2014	12:30	4	N	08/06/2014	17:10	5	N
08/06/2014	12:35	6	NNW	08/06/2014	17:15	4	N
08/06/2014	12:40	6	NW	08/06/2014	17:20	3	ENE
08/06/2014	12:45	5	NW	08/06/2014	17:25	3	NE
08/06/2014	12:50	5	NW	08/06/2014	17:30	4	N
08/06/2014	12:55	4	NNW	08/06/2014	17:35	4	NNW
08/06/2014	13:00	4	NNW	08/06/2014	17:40	5	NNW
08/06/2014	13:05	1	N	08/06/2014	17:45	4	NNW
08/06/2014	13:10	1	NNW	08/06/2014	17:50	1	N
08/06/2014	13:15	1	N	08/06/2014	17:55	0	---
08/06/2014	13:20	5	SE	08/06/2014	18:00	0	---
08/06/2014	13:25	5	SE	08/06/2014	18:05	1	SSW
08/06/2014	13:30	5	SE	08/06/2014	18:10	2	SSE
08/06/2014	13:35	5	SE	08/06/2014	18:15	2	SSE
08/06/2014	13:40	4	SE	08/06/2014	18:20	1	SSE
08/06/2014	13:45	5	ESE	08/06/2014	18:25	2	SSE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
08/06/2014	18:30	4	SSE
08/06/2014	18:35	3	SSE
08/06/2014	18:40	3	ESE
08/06/2014	18:45	4	SE
08/06/2014	18:50	6	SE
08/06/2014	18:55	1	ESE
08/06/2014	19:00	1	ENE
08/06/2014	19:05	5	SSE
08/06/2014	19:10	10	SE
08/06/2014	19:15	8	SSE
08/06/2014	19:20	2	S
08/06/2014	19:25	0	SSE
08/06/2014	19:30	4	NNE
08/06/2014	19:35	6	ESE
08/06/2014	19:40	2	NE
08/06/2014	19:45	2	SSE
08/06/2014	19:50	4	SSE
08/06/2014	19:55	5	SE
08/06/2014	20:00	8	SE
08/06/2014	20:05	6	SE
08/06/2014	20:10	5	SSE
08/06/2014	20:15	4	ESE
08/06/2014	20:20	6	E
08/06/2014	20:25	8	SE
08/06/2014	20:30	9	SE
08/06/2014	20:35	8	SE
08/06/2014	20:40	8	SSE
08/06/2014	20:45	12	SE
08/06/2014	20:50	10	SSE
08/06/2014	20:55	9	SSE
08/06/2014	21:00	9	SSE
08/06/2014	21:05	8	SE
08/06/2014	21:10	7	SSE
08/06/2014	21:15	7	SSE
08/06/2014	21:20	9	SE
08/06/2014	21:25	9	SSE
08/06/2014	21:30	7	SSE
08/06/2014	21:35	7	SSE
08/06/2014	21:40	7	SSE
08/06/2014	21:45	8	E
08/06/2014	21:50	7	SE
08/06/2014	21:55	4	SSE
08/06/2014	22:00	5	SE
08/06/2014	22:05	4	NNE
08/06/2014	22:10	3	NNW
08/06/2014	22:15	5	SE
08/06/2014	22:20	9	SE
08/06/2014	22:25	9	SSE
08/06/2014	22:30	7	SSE
08/06/2014	22:35	9	SE
08/06/2014	22:40	8	SE
08/06/2014	22:45	7	SE
08/06/2014	22:50	7	SSE
08/06/2014	22:55	6	SE
08/06/2014	23:00	7	S
08/06/2014	23:05	6	SSE
08/06/2014	23:10	4	ENE
08/06/2014	23:15	3	NNE
08/06/2014	23:20	4	ESE
08/06/2014	23:25	4	N
08/06/2014	23:30	5	ESE
08/06/2014	23:35	6	SE
08/06/2014	23:40	7	ESE
08/06/2014	23:45	8	SE
08/06/2014	23:50	9	SSE
08/06/2014	23:55	6	ENE
09/06/2014	00:00	5	E
09/06/2014	00:05	4	S
09/06/2014	00:10	5	SE
09/06/2014	00:15	8	SE
09/06/2014	00:20	9	SE
09/06/2014	00:25	8	SSE
09/06/2014	00:30	8	SSE
09/06/2014	00:35	7	SE
09/06/2014	00:40	8	SSE
09/06/2014	00:45	7	SE
09/06/2014	00:50	7	SSE
09/06/2014	00:55	9	SE
09/06/2014	01:00	9	SSE
09/06/2014	01:05	9	SE
09/06/2014	01:10	9	SE
09/06/2014	01:15	7	SE
09/06/2014	01:20	6	SE
09/06/2014	01:25	5	ESE
09/06/2014	01:30	7	SE
09/06/2014	01:35	7	SSE
09/06/2014	01:40	8	SE
09/06/2014	01:45	10	SE
09/06/2014	01:50	12	SSE
09/06/2014	01:55	13	SSE
09/06/2014	02:00	11	SSE
09/06/2014	02:05	8	SSE
09/06/2014	02:10	7	SE
09/06/2014	02:15	7	SE
09/06/2014	02:20	6	SSE
09/06/2014	02:25	4	ESE
09/06/2014	02:30	6	SSE
09/06/2014	02:35	6	SE
09/06/2014	02:40	6	SE
09/06/2014	02:45	7	SSE
09/06/2014	02:50	6	SE
09/06/2014	02:55	7	SE
09/06/2014	03:00	7	SE
09/06/2014	03:05	6	SE
09/06/2014	03:10	6	SE
09/06/2014	03:15	6	SE
09/06/2014	03:20	5	SSE
09/06/2014	03:25	7	SE
09/06/2014	03:30	7	S
09/06/2014	03:35	5	SSE
09/06/2014	03:40	8	SSE
09/06/2014	03:45	10	SSE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
09/06/2014	03:50	9	SSE	09/06/2014	08:30	7	SSE
09/06/2014	03:55	9	SSE	09/06/2014	08:35	6	SSE
09/06/2014	04:00	9	SSE	09/06/2014	08:40	6	SSE
09/06/2014	04:05	9	SSE	09/06/2014	08:45	2	S
09/06/2014	04:10	11	SSE	09/06/2014	08:50	4	S
09/06/2014	04:15	10	SE	09/06/2014	08:55	3	S
09/06/2014	04:20	10	SSE	09/06/2014	09:00	2	E
09/06/2014	04:25	9	SSE	09/06/2014	09:05	2	E
09/06/2014	04:30	13	SSE	09/06/2014	09:10	5	N
09/06/2014	04:35	9	SSE	09/06/2014	09:15	6	NNW
09/06/2014	04:40	12	SSE	09/06/2014	09:20	4	N
09/06/2014	04:45	11	SSE	09/06/2014	09:25	4	NNW
09/06/2014	04:50	9	SE	09/06/2014	09:30	2	NNW
09/06/2014	04:55	8	SE	09/06/2014	09:35	3	ENE
09/06/2014	05:00	6	SE	09/06/2014	09:40	3	ENE
09/06/2014	05:05	5	SE	09/06/2014	09:45	6	SSE
09/06/2014	05:10	4	SE	09/06/2014	09:50	8	SSE
09/06/2014	05:15	5	ESE	09/06/2014	09:55	7	SSE
09/06/2014	05:20	6	SE	09/06/2014	10:00	6	SSE
09/06/2014	05:25	7	SSE	09/06/2014	10:05	6	SE
09/06/2014	05:30	8	SE	09/06/2014	10:10	4	SSE
09/06/2014	05:35	8	SE	09/06/2014	10:15	5	WSW
09/06/2014	05:40	7	SE	09/06/2014	10:20	8	SSE
09/06/2014	05:45	6	SSE	09/06/2014	10:25	5	SSE
09/06/2014	05:50	8	SSE	09/06/2014	10:30	6	SSE
09/06/2014	05:55	8	SSE	09/06/2014	10:35	5	SE
09/06/2014	06:00	7	SSE	09/06/2014	10:40	7	SE
09/06/2014	06:05	9	SE	09/06/2014	10:45	6	SSE
09/06/2014	06:10	6	SSE	09/06/2014	10:50	6	SSE
09/06/2014	06:15	8	SSE	09/06/2014	10:55	8	SE
09/06/2014	06:20	6	SSE	09/06/2014	11:00	7	SSE
09/06/2014	06:25	6	SSE	09/06/2014	11:05	8	SE
09/06/2014	06:30	6	SSE	09/06/2014	11:10	9	SSE
09/06/2014	06:35	5	SSE	09/06/2014	11:15	6	SSE
09/06/2014	06:40	5	SE	09/06/2014	11:20	7	SE
09/06/2014	06:45	5	ESE	09/06/2014	11:25	6	SSE
09/06/2014	06:50	5	SSE	09/06/2014	11:30	6	SE
09/06/2014	06:55	6	ESE	09/06/2014	11:35	6	SE
09/06/2014	07:00	7	SSE	09/06/2014	11:40	7	SE
09/06/2014	07:05	5	SSE	09/06/2014	11:45	7	SSE
09/06/2014	07:10	5	SSE	09/06/2014	11:50	8	SE
09/06/2014	07:15	5	S	09/06/2014	11:55	9	SSE
09/06/2014	07:20	4	SE	09/06/2014	12:00	8	SE
09/06/2014	07:25	4	SSE	09/06/2014	12:05	9	SSE
09/06/2014	07:30	6	SE	09/06/2014	12:10	9	SE
09/06/2014	07:35	6	ESE	09/06/2014	12:15	9	SSE
09/06/2014	07:40	6	SSE	09/06/2014	12:20	6	SE
09/06/2014	07:45	6	SE	09/06/2014	12:25	9	SSE
09/06/2014	07:50	6	SSE	09/06/2014	12:30	8	SE
09/06/2014	07:55	6	SSE	09/06/2014	12:35	8	SE
09/06/2014	08:00	7	SE	09/06/2014	12:40	8	SSE
09/06/2014	08:05	6	SSE	09/06/2014	12:45	6	SSE
09/06/2014	08:10	5	SSE	09/06/2014	12:50	7	SE
09/06/2014	08:15	4	ESE	09/06/2014	12:55	5	SSE
09/06/2014	08:20	8	ESE	09/06/2014	13:00	5	SE
09/06/2014	08:25	6	SSE	09/06/2014	13:05	5	SSE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
09/06/2014	13:10	6	SE	09/06/2014	17:50	2	SSE
09/06/2014	13:15	7	SSE	09/06/2014	17:55	4	SSE
09/06/2014	13:20	6	SSE	09/06/2014	18:00	8	SSE
09/06/2014	13:25	8	SSE	09/06/2014	18:05	7	SSE
09/06/2014	13:30	5	SSE	09/06/2014	18:10	8	SSE
09/06/2014	13:35	6	SSE	09/06/2014	18:15	8	SSE
09/06/2014	13:40	6	SSE	09/06/2014	18:20	6	SSE
09/06/2014	13:45	7	SSE	09/06/2014	18:25	8	SSE
09/06/2014	13:50	5	SE	09/06/2014	18:30	9	SE
09/06/2014	13:55	4	SSE	09/06/2014	18:35	7	SE
09/06/2014	14:00	3	ESE	09/06/2014	18:40	7	SSE
09/06/2014	14:05	5	SE	09/06/2014	18:45	7	SSE
09/06/2014	14:10	5	SSE	09/06/2014	18:50	4	SE
09/06/2014	14:15	4	SSE	09/06/2014	18:55	6	SE
09/06/2014	14:20	5	SE	09/06/2014	19:00	3	SE
09/06/2014	14:25	5	SSE	09/06/2014	19:05	5	SE
09/06/2014	14:30	4	SE	09/06/2014	19:10	6	SE
09/06/2014	14:35	5	SE	09/06/2014	19:15	7	SE
09/06/2014	14:40	6	SSE	09/06/2014	19:20	7	SE
09/06/2014	14:45	6	SE	09/06/2014	19:25	8	SSE
09/06/2014	14:50	4	ESE	09/06/2014	19:30	7	SSE
09/06/2014	14:55	5	ESE	09/06/2014	19:35	7	SE
09/06/2014	15:00	5	SE	09/06/2014	19:40	6	SE
09/06/2014	15:05	4	SW	09/06/2014	19:45	6	SSE
09/06/2014	15:10	3	SE	09/06/2014	19:50	6	SE
09/06/2014	15:15	4	ESE	09/06/2014	19:55	7	SE
09/06/2014	15:20	6	SE	09/06/2014	20:00	8	SSE
09/06/2014	15:25	4	ESE	09/06/2014	20:05	6	SSE
09/06/2014	15:30	4	ESE	09/06/2014	20:10	5	SE
09/06/2014	15:35	4	ENE	09/06/2014	20:15	6	SSE
09/06/2014	15:40	3	E	09/06/2014	20:20	7	SSE
09/06/2014	15:45	4	NNE	09/06/2014	20:25	7	SE
09/06/2014	15:50	4	E	09/06/2014	20:30	6	SSE
09/06/2014	15:55	4	N	09/06/2014	20:35	6	SE
09/06/2014	16:00	2	NNE	09/06/2014	20:40	8	SSE
09/06/2014	16:05	3	NNE	09/06/2014	20:45	7	SSE
09/06/2014	16:10	3	SSE	09/06/2014	20:50	8	SSE
09/06/2014	16:15	3	ESE	09/06/2014	20:55	7	SSE
09/06/2014	16:20	4	NE	09/06/2014	21:00	7	SE
09/06/2014	16:25	1	NE	09/06/2014	21:05	6	SE
09/06/2014	16:30	3	SSE	09/06/2014	21:10	6	SSE
09/06/2014	16:35	5	SSE	09/06/2014	21:15	4	SSE
09/06/2014	16:40	5	SSE	09/06/2014	21:20	4	SSE
09/06/2014	16:45	4	ESE	09/06/2014	21:25	4	ESE
09/06/2014	16:50	5	SE	09/06/2014	21:30	5	SE
09/06/2014	16:55	3	SSW	09/06/2014	21:35	3	S
09/06/2014	17:00	2	SE	09/06/2014	21:40	4	SE
09/06/2014	17:05	3	E	09/06/2014	21:45	4	NE
09/06/2014	17:10	3	E	09/06/2014	21:50	3	ENE
09/06/2014	17:15	3	ESE	09/06/2014	21:55	2	SE
09/06/2014	17:20	3	S	09/06/2014	22:00	2	NNE
09/06/2014	17:25	4	SE	09/06/2014	22:05	4	ESE
09/06/2014	17:30	5	SSE	09/06/2014	22:10	6	SSE
09/06/2014	17:35	4	SE	09/06/2014	22:15	3	NW
09/06/2014	17:40	5	SE	09/06/2014	22:20	4	NNE
09/06/2014	17:45	6	SSE	09/06/2014	22:25	3	E

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
09/06/2014	22:30	3	N	10/06/2014	03:10	3	SSE
09/06/2014	22:35	4	NE	10/06/2014	03:15	7	SSE
09/06/2014	22:40	5	NNW	10/06/2014	03:20	8	SSE
09/06/2014	22:45	6	SSE	10/06/2014	03:25	7	SSE
09/06/2014	22:50	3	W	10/06/2014	03:30	5	ESE
09/06/2014	22:55	5	SE	10/06/2014	03:35	5	SE
09/06/2014	23:00	5	SE	10/06/2014	03:40	4	SE
09/06/2014	23:05	6	SSE	10/06/2014	03:45	6	SSE
09/06/2014	23:10	4	SE	10/06/2014	03:50	5	SE
09/06/2014	23:15	6	SSE	10/06/2014	03:55	7	SSE
09/06/2014	23:20	5	SSE	10/06/2014	04:00	6	SSE
09/06/2014	23:25	6	SE	10/06/2014	04:05	7	SSE
09/06/2014	23:30	6	SSE	10/06/2014	04:10	5	SE
09/06/2014	23:35	4	SSE	10/06/2014	04:15	9	SE
09/06/2014	23:40	6	SSE	10/06/2014	04:20	7	SSE
09/06/2014	23:45	8	SE	10/06/2014	04:25	8	SSE
09/06/2014	23:50	3	SSE	10/06/2014	04:30	6	SE
09/06/2014	23:55	4	SE	10/06/2014	04:35	4	SSE
10/06/2014	00:00	4	SE	10/06/2014	04:40	6	SSE
10/06/2014	00:05	2	SSE	10/06/2014	04:45	7	SSE
10/06/2014	00:10	5	SSE	10/06/2014	04:50	7	SE
10/06/2014	00:15	5	SSE	10/06/2014	04:55	6	SSE
10/06/2014	00:20	5	SSE	10/06/2014	05:00	7	SSE
10/06/2014	00:25	7	SSE	10/06/2014	05:05	6	SSE
10/06/2014	00:30	5	SSE	10/06/2014	05:10	8	SSE
10/06/2014	00:35	4	SSE	10/06/2014	05:15	6	SE
10/06/2014	00:40	3	SSE	10/06/2014	05:20	9	SSE
10/06/2014	00:45	4	SSE	10/06/2014	05:25	7	SE
10/06/2014	00:50	5	SSE	10/06/2014	05:30	8	SE
10/06/2014	00:55	5	SSE	10/06/2014	05:35	10	SSE
10/06/2014	01:00	5	SSE	10/06/2014	05:40	10	SE
10/06/2014	01:05	4	ESE	10/06/2014	05:45	8	SSE
10/06/2014	01:10	4	SSE	10/06/2014	05:50	6	SSE
10/06/2014	01:15	6	SSE	10/06/2014	05:55	8	SE
10/06/2014	01:20	6	SSE	10/06/2014	06:00	8	SSE
10/06/2014	01:25	6	SSE	10/06/2014	06:05	8	SSE
10/06/2014	01:30	7	SSE	10/06/2014	06:10	7	SSE
10/06/2014	01:35	6	SSE	10/06/2014	06:15	8	SSE
10/06/2014	01:40	6	SSE	10/06/2014	06:20	7	SSE
10/06/2014	01:45	6	SSE	10/06/2014	06:25	8	SE
10/06/2014	01:50	7	SE	10/06/2014	06:30	6	SSE
10/06/2014	01:55	6	SSE	10/06/2014	06:35	7	SE
10/06/2014	02:00	4	SE	10/06/2014	06:40	5	SE
10/06/2014	02:05	3	ESE	10/06/2014	06:45	7	SE
10/06/2014	02:10	1	ESE	10/06/2014	06:50	7	SE
10/06/2014	02:15	1	SE	10/06/2014	06:55	7	SSE
10/06/2014	02:20	5	SE	10/06/2014	07:00	8	SSE
10/06/2014	02:25	6	SE	10/06/2014	07:05	8	SSE
10/06/2014	02:30	5	SSE	10/06/2014	07:10	9	SSE
10/06/2014	02:35	6	SE	10/06/2014	07:15	9	SSE
10/06/2014	02:40	8	SE	10/06/2014	07:20	10	SSE
10/06/2014	02:45	5	SSE	10/06/2014	07:25	9	SSE
10/06/2014	02:50	8	SSE	10/06/2014	07:30	7	SSE
10/06/2014	02:55	8	SSE	10/06/2014	07:35	10	SSE
10/06/2014	03:00	6	SSE	10/06/2014	07:40	7	SSE
10/06/2014	03:05	6	SSE	10/06/2014	07:45	10	SSE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
10/06/2014	07:50	10	SE
10/06/2014	07:55	8	SE
10/06/2014	08:00	7	SE
10/06/2014	08:05	6	SSE
10/06/2014	08:10	8	SSE
10/06/2014	08:15	7	SSE
10/06/2014	08:20	6	SSW
10/06/2014	08:25	7	SSE
10/06/2014	08:30	6	SE
10/06/2014	08:35	7	SSE
10/06/2014	08:40	8	SSE
10/06/2014	08:45	7	SE
10/06/2014	08:50	8	SE
10/06/2014	08:55	6	SE
10/06/2014	09:00	6	SSE
10/06/2014	09:05	7	ESE
10/06/2014	09:10	10	SE
10/06/2014	09:15	10	SE
10/06/2014	09:20	9	SSE
10/06/2014	09:25	8	SE
10/06/2014	09:30	7	SE
10/06/2014	09:35	10	SSE
10/06/2014	09:40	9	SE
10/06/2014	09:45	6	SSE
10/06/2014	09:50	8	SE
10/06/2014	09:55	7	SE
10/06/2014	10:00	6	SE
10/06/2014	10:05	6	SE
10/06/2014	10:10	5	SSE
10/06/2014	10:15	7	SSE
10/06/2014	10:20	6	SE
10/06/2014	10:25	4	SSE
10/06/2014	10:30	7	SE
10/06/2014	10:35	6	SSE
10/06/2014	10:40	5	ESE
10/06/2014	10:45	4	SE
10/06/2014	10:50	5	SE
10/06/2014	10:55	4	SE
10/06/2014	11:00	6	ESE
10/06/2014	11:05	4	SE
10/06/2014	11:10	4	SSE
10/06/2014	11:15	4	SE
10/06/2014	11:20	6	SE
10/06/2014	11:25	5	SSE
10/06/2014	11:30	4	SSE
10/06/2014	11:35	4	SSE
10/06/2014	11:40	4	SSE
10/06/2014	11:45	4	SSE
10/06/2014	11:50	3	SSE
10/06/2014	11:55	4	SE
10/06/2014	12:00	9	ESE
10/06/2014	12:05	7	ESE
10/06/2014	12:10	7	ESE
10/06/2014	12:15	7	ESE
10/06/2014	12:20	5	ESE
10/06/2014	12:25	4	SSE
10/06/2014	12:30	3	SSE
10/06/2014	12:35	5	E
10/06/2014	12:40	5	SE
10/06/2014	12:45	5	ESE
10/06/2014	12:50	6	ESE
10/06/2014	12:55	5	ESE
10/06/2014	13:00	6	ESE
10/06/2014	13:05	4	E
10/06/2014	13:10	3	ESE
10/06/2014	13:15	2	ENE
10/06/2014	13:20	2	W
10/06/2014	13:25	4	ESE
10/06/2014	13:30	6	ESE
10/06/2014	13:35	3	ESE
10/06/2014	13:40	2	S
10/06/2014	13:45	6	NNW
10/06/2014	13:50	6	NNW
10/06/2014	13:55	4	NW
10/06/2014	14:00	2	WNW
10/06/2014	14:05	3	N
10/06/2014	14:10	1	WNW
10/06/2014	14:15	2	WNW
10/06/2014	14:20	4	NW
10/06/2014	14:25	3	NW
10/06/2014	14:30	4	N
10/06/2014	14:35	5	NNW
10/06/2014	14:40	4	NNW
10/06/2014	14:45	3	NW
10/06/2014	14:50	3	NNW
10/06/2014	14:55	3	NW
10/06/2014	15:00	4	NW
10/06/2014	15:05	4	WNW
10/06/2014	15:10	3	WNW
10/06/2014	15:15	2	NW
10/06/2014	15:20	2	NNW
10/06/2014	15:25	1	WNW
10/06/2014	15:30	1	SSE
10/06/2014	15:35	2	ESE
10/06/2014	15:40	2	ESE
10/06/2014	15:45	3	E
10/06/2014	15:50	2	ENE
10/06/2014	15:55	1	ENE
10/06/2014	16:00	3	NE
10/06/2014	16:05	4	N
10/06/2014	16:10	2	NNW
10/06/2014	16:15	1	NNE
10/06/2014	16:20	2	SE
10/06/2014	16:25	2	E
10/06/2014	16:30	1	ESE
10/06/2014	16:35	0	NW
10/06/2014	16:40	0	---
10/06/2014	16:45	0	---
10/06/2014	16:50	3	NNE
10/06/2014	16:55	3	NE
10/06/2014	17:00	3	NNW
10/06/2014	17:05	3	N

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
10/06/2014	17:10	3	N	10/06/2014	21:50	2	NE
10/06/2014	17:15	2	NE	10/06/2014	21:55	0	ESE
10/06/2014	17:20	3	E	10/06/2014	22:00	2	NE
10/06/2014	17:25	3	SE	10/06/2014	22:05	1	NE
10/06/2014	17:30	0	SE	10/06/2014	22:10	2	SSW
10/06/2014	17:35	3	SSE	10/06/2014	22:15	1	W
10/06/2014	17:40	3	SE	10/06/2014	22:20	2	SSE
10/06/2014	17:45	2	SSE	10/06/2014	22:25	5	SE
10/06/2014	17:50	3	ENE	10/06/2014	22:30	5	SE
10/06/2014	17:55	2	NNW	10/06/2014	22:35	6	SSE
10/06/2014	18:00	5	NE	10/06/2014	22:40	3	SSW
10/06/2014	18:05	3	ENE	10/06/2014	22:45	2	SE
10/06/2014	18:10	7	ENE	10/06/2014	22:50	3	SSE
10/06/2014	18:15	5	SE	10/06/2014	22:55	2	E
10/06/2014	18:20	2	E	10/06/2014	23:00	2	NE
10/06/2014	18:25	1	ESE	10/06/2014	23:05	1	ENE
10/06/2014	18:30	2	ESE	10/06/2014	23:10	3	SE
10/06/2014	18:35	2	ESE	10/06/2014	23:15	2	ESE
10/06/2014	18:40	4	ENE	10/06/2014	23:20	3	E
10/06/2014	18:45	3	NE	10/06/2014	23:25	0	SE
10/06/2014	18:50	3	NW	10/06/2014	23:30	3	ESE
10/06/2014	18:55	1	NW	10/06/2014	23:35	3	ENE
10/06/2014	19:00	3	SSE	10/06/2014	23:40	2	NE
10/06/2014	19:05	4	SE	10/06/2014	23:45	3	NE
10/06/2014	19:10	3	SSE	10/06/2014	23:50	2	NE
10/06/2014	19:15	2	SE	10/06/2014	23:55	3	SE
10/06/2014	19:20	5	SE	11/06/2014	00:00	3	E
10/06/2014	19:25	5	SE	11/06/2014	00:05	3	SE
10/06/2014	19:30	7	SE	11/06/2014	00:10	5	SSE
10/06/2014	19:35	6	SSE	11/06/2014	00:15	5	SSE
10/06/2014	19:40	7	SSE	11/06/2014	00:20	6	SSE
10/06/2014	19:45	6	SSE	11/06/2014	00:25	6	SSE
10/06/2014	19:50	5	SSE	11/06/2014	00:30	5	SE
10/06/2014	19:55	4	S	11/06/2014	00:35	7	SSE
10/06/2014	20:00	3	N	11/06/2014	00:40	7	SSE
10/06/2014	20:05	5	SE	11/06/2014	00:45	4	SSE
10/06/2014	20:10	3	ENE	11/06/2014	00:50	5	SE
10/06/2014	20:15	5	SE	11/06/2014	00:55	4	S
10/06/2014	20:20	7	SSE	11/06/2014	01:00	5	SE
10/06/2014	20:25	6	SSE	11/06/2014	01:05	3	SE
10/06/2014	20:30	2	E	11/06/2014	01:10	4	SE
10/06/2014	20:35	2	SE	11/06/2014	01:15	3	S
10/06/2014	20:40	4	SE	11/06/2014	01:20	3	SSE
10/06/2014	20:45	4	SW	11/06/2014	01:25	2	S
10/06/2014	20:50	2	S	11/06/2014	01:30	5	SE
10/06/2014	20:55	3	E	11/06/2014	01:35	4	S
10/06/2014	21:00	4	ESE	11/06/2014	01:40	5	S
10/06/2014	21:05	3	SE	11/06/2014	01:45	6	SSE
10/06/2014	21:10	0	NNE	11/06/2014	01:50	5	SSE
10/06/2014	21:15	3	ESE	11/06/2014	01:55	3	SE
10/06/2014	21:20	0	SE	11/06/2014	02:00	4	SSE
10/06/2014	21:25	0	---	11/06/2014	02:05	4	SSE
10/06/2014	21:30	0	---	11/06/2014	02:10	5	SSE
10/06/2014	21:35	2	SSE	11/06/2014	02:15	3	SSW
10/06/2014	21:40	1	SSW	11/06/2014	02:20	4	SSE
10/06/2014	21:45	1	N	11/06/2014	02:25	4	S

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
11/06/2014	02:30	3	SSE	11/06/2014	07:10	7	SSE
11/06/2014	02:35	5	SSE	11/06/2014	07:15	6	SSE
11/06/2014	02:40	5	SSE	11/06/2014	07:20	7	SSE
11/06/2014	02:45	4	E	11/06/2014	07:25	5	S
11/06/2014	02:50	3	E	11/06/2014	07:30	4	S
11/06/2014	02:55	6	SE	11/06/2014	07:35	6	SSE
11/06/2014	03:00	5	SSE	11/06/2014	07:40	6	SSE
11/06/2014	03:05	4	SSE	11/06/2014	07:45	6	SSE
11/06/2014	03:10	5	SE	11/06/2014	07:50	5	SSE
11/06/2014	03:15	5	SE	11/06/2014	07:55	9	SSE
11/06/2014	03:20	5	SSE	11/06/2014	08:00	6	SSE
11/06/2014	03:25	7	SE	11/06/2014	08:05	5	SSE
11/06/2014	03:30	6	SE	11/06/2014	08:10	5	SSE
11/06/2014	03:35	7	SE	11/06/2014	08:15	6	SSE
11/06/2014	03:40	7	ESE	11/06/2014	08:20	9	SSE
11/06/2014	03:45	6	ESE	11/06/2014	08:25	6	SSE
11/06/2014	03:50	4	SE	11/06/2014	08:30	7	SSE
11/06/2014	03:55	3	SE	11/06/2014	08:35	6	SSE
11/06/2014	04:00	4	SSE	11/06/2014	08:40	7	S
11/06/2014	04:05	3	SSE	11/06/2014	08:45	6	S
11/06/2014	04:10	5	SE	11/06/2014	08:50	6	SSE
11/06/2014	04:15	4	SSE	11/06/2014	08:55	6	SSE
11/06/2014	04:20	4	SSE	11/06/2014	09:00	6	SSE
11/06/2014	04:25	4	SSE	11/06/2014	09:05	5	S
11/06/2014	04:30	5	SSE	11/06/2014	09:10	6	SSE
11/06/2014	04:35	7	SSE	11/06/2014	09:15	5	SSE
11/06/2014	04:40	6	SSE	11/06/2014	09:20	6	SSE
11/06/2014	04:45	7	S	11/06/2014	09:25	6	SSE
11/06/2014	04:50	6	SSE	11/06/2014	09:30	6	SSE
11/06/2014	04:55	6	SSE	11/06/2014	09:35	5	SSE
11/06/2014	05:00	7	SSE	11/06/2014	09:40	5	SE
11/06/2014	05:05	9	SSE	11/06/2014	09:45	5	SSE
11/06/2014	05:10	7	SSE	11/06/2014	09:50	5	SSE
11/06/2014	05:15	5	SSE	11/06/2014	09:55	5	SSE
11/06/2014	05:20	9	SSE	11/06/2014	10:00	4	SSW
11/06/2014	05:25	9	SSE	11/06/2014	10:05	7	SSE
11/06/2014	05:30	8	SSE	11/06/2014	10:10	6	SSE
11/06/2014	05:35	9	SSE	11/06/2014	10:15	6	SSE
11/06/2014	05:40	9	SSE	11/06/2014	10:20	7	SSE
11/06/2014	05:45	8	SE	11/06/2014	10:25	8	SSE
11/06/2014	05:50	9	SSE	11/06/2014	10:30	9	SSE
11/06/2014	05:55	7	SSE	11/06/2014	10:35	8	SSE
11/06/2014	06:00	9	SSE	11/06/2014	10:40	8	SSE
11/06/2014	06:05	8	SSE	11/06/2014	10:45	7	SSE
11/06/2014	06:10	8	SSE	11/06/2014	10:50	7	SSE
11/06/2014	06:15	10	SSE	11/06/2014	10:55	8	SSE
11/06/2014	06:20	8	SSE	11/06/2014	11:00	8	SSE
11/06/2014	06:25	7	SSE	11/06/2014	11:05	9	SSE
11/06/2014	06:30	8	SSE	11/06/2014	11:10	8	SSE
11/06/2014	06:35	9	SSE	11/06/2014	11:15	8	SSE
11/06/2014	06:40	6	SSE	11/06/2014	11:20	9	SSE
11/06/2014	06:45	8	SSE	11/06/2014	11:25	8	SSE
11/06/2014	06:50	6	SSE	11/06/2014	11:30	8	SSE
11/06/2014	06:55	7	SSE	11/06/2014	11:35	6	SSE
11/06/2014	07:00	6	SSE	11/06/2014	11:40	8	SSE
11/06/2014	07:05	5	SSE	11/06/2014	11:45	6	SSE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
11/06/2014	11:50	5	SSE	11/06/2014	16:30	2	WNW
11/06/2014	11:55	6	SE	11/06/2014	16:35	1	WNW
11/06/2014	12:00	7	SSE	11/06/2014	16:40	2	SSE
11/06/2014	12:05	8	SSE	11/06/2014	16:45	3	SE
11/06/2014	12:10	8	SSE	11/06/2014	16:50	3	NNW
11/06/2014	12:15	7	S	11/06/2014	16:55	1	NW
11/06/2014	12:20	8	SSE	11/06/2014	17:00	2	NW
11/06/2014	12:25	7	SSE	11/06/2014	17:05	3	NNW
11/06/2014	12:30	6	SSE	11/06/2014	17:10	1	NNW
11/06/2014	12:35	8	SSE	11/06/2014	17:15	0	NNW
11/06/2014	12:40	8	SSE	11/06/2014	17:20	1	SSE
11/06/2014	12:45	7	SSE	11/06/2014	17:25	1	SSE
11/06/2014	12:50	7	SSE	11/06/2014	17:30	1	N
11/06/2014	12:55	7	SSE	11/06/2014	17:35	2	NNE
11/06/2014	13:00	7	SSE	11/06/2014	17:40	3	NNE
11/06/2014	13:05	7	SSE	11/06/2014	17:45	1	N
11/06/2014	13:10	7	SSE	11/06/2014	17:50	0	---
11/06/2014	13:15	6	SE	11/06/2014	17:55	2	N
11/06/2014	13:20	6	SSE	11/06/2014	18:00	3	NNW
11/06/2014	13:25	6	SSE	11/06/2014	18:05	0	NE
11/06/2014	13:30	7	SSE	11/06/2014	18:10	2	N
11/06/2014	13:35	6	SSE	11/06/2014	18:15	3	N
11/06/2014	13:40	5	SSE	11/06/2014	18:20	3	NNW
11/06/2014	13:45	4	SSE	11/06/2014	18:25	3	NNW
11/06/2014	13:50	6	SSE	11/06/2014	18:30	1	E
11/06/2014	13:55	8	SSE	11/06/2014	18:35	1	E
11/06/2014	14:00	5	SSE	11/06/2014	18:40	4	SE
11/06/2014	14:05	6	SSE	11/06/2014	18:45	4	SE
11/06/2014	14:10	6	SSW	11/06/2014	18:50	4	SE
11/06/2014	14:15	4	SSE	11/06/2014	18:55	5	SE
11/06/2014	14:20	5	SE	11/06/2014	19:00	5	SE
11/06/2014	14:25	3	SSE	11/06/2014	19:05	4	SE
11/06/2014	14:30	4	SSE	11/06/2014	19:10	5	SE
11/06/2014	14:35	2	SE	11/06/2014	19:15	5	SE
11/06/2014	14:40	2	S	11/06/2014	19:20	3	SE
11/06/2014	14:45	4	SSE	11/06/2014	19:25	2	SSE
11/06/2014	14:50	1	SSE	11/06/2014	19:30	2	SSE
11/06/2014	14:55	0	SSE	11/06/2014	19:35	2	ESE
11/06/2014	15:00	2	SSE	11/06/2014	19:40	3	SE
11/06/2014	15:05	1	SE	11/06/2014	19:45	2	SE
11/06/2014	15:10	2	ESE	11/06/2014	19:50	4	SSE
11/06/2014	15:15	1	S	11/06/2014	19:55	3	SSE
11/06/2014	15:20	1	ESE	11/06/2014	20:00	5	SSE
11/06/2014	15:25	1	SE	11/06/2014	20:05	3	SE
11/06/2014	15:30	1	S	11/06/2014	20:10	4	S
11/06/2014	15:35	2	SSE	11/06/2014	20:15	4	SE
11/06/2014	15:40	2	SSE	11/06/2014	20:20	3	SSE
11/06/2014	15:45	2	S	11/06/2014	20:25	6	SE
11/06/2014	15:50	2	SE	11/06/2014	20:30	5	SE
11/06/2014	15:55	0	SE	11/06/2014	20:35	7	SSE
11/06/2014	16:00	0	SE	11/06/2014	20:40	6	SSE
11/06/2014	16:05	1	WNW	11/06/2014	20:45	7	SSE
11/06/2014	16:10	2	WNW	11/06/2014	20:50	3	S
11/06/2014	16:15	1	WNW	11/06/2014	20:55	3	SSE
11/06/2014	16:20	0	NNW	11/06/2014	21:00	5	SSE
11/06/2014	16:25	0	---	11/06/2014	21:05	6	SSE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
11/06/2014	21:10	6	SSE	12/06/2014	01:50	5	ESE
11/06/2014	21:15	4	SE	12/06/2014	01:55	6	S
11/06/2014	21:20	4	SE	12/06/2014	02:00	5	SSE
11/06/2014	21:25	3	SSE	12/06/2014	02:05	6	SE
11/06/2014	21:30	4	ESE	12/06/2014	02:10	6	SSE
11/06/2014	21:35	3	SE	12/06/2014	02:15	5	SSE
11/06/2014	21:40	3	SSE	12/06/2014	02:20	5	SSE
11/06/2014	21:45	2	SSE	12/06/2014	02:25	4	SSE
11/06/2014	21:50	2	SSE	12/06/2014	02:30	6	SSE
11/06/2014	21:55	2	ESE	12/06/2014	02:35	4	SSE
11/06/2014	22:00	3	SE	12/06/2014	02:40	5	SSE
11/06/2014	22:05	1	SSE	12/06/2014	02:45	3	SSE
11/06/2014	22:10	4	SSE	12/06/2014	02:50	4	SSE
11/06/2014	22:15	4	SSE	12/06/2014	02:55	4	SSE
11/06/2014	22:20	5	SSE	12/06/2014	03:00	5	SSE
11/06/2014	22:25	4	SE	12/06/2014	03:05	5	SSE
11/06/2014	22:30	5	SSE	12/06/2014	03:10	5	SSE
11/06/2014	22:35	4	SE	12/06/2014	03:15	4	SE
11/06/2014	22:40	4	SSE	12/06/2014	03:20	5	SE
11/06/2014	22:45	2	SSE	12/06/2014	03:25	6	SSE
11/06/2014	22:50	5	SE	12/06/2014	03:30	6	SSE
11/06/2014	22:55	5	SE	12/06/2014	03:35	5	SE
11/06/2014	23:00	5	SSE	12/06/2014	03:40	4	SSE
11/06/2014	23:05	5	SE	12/06/2014	03:45	4	SSE
11/06/2014	23:10	4	SSE	12/06/2014	03:50	5	SE
11/06/2014	23:15	3	SSE	12/06/2014	03:55	5	SSE
11/06/2014	23:20	3	SSE	12/06/2014	04:00	5	SSE
11/06/2014	23:25	4	SSE	12/06/2014	04:05	4	SSE
11/06/2014	23:30	4	SSE	12/06/2014	04:10	5	SSE
11/06/2014	23:35	5	SSE	12/06/2014	04:15	4	SSE
11/06/2014	23:40	5	SE	12/06/2014	04:20	4	SSE
11/06/2014	23:45	4	SE	12/06/2014	04:25	4	SSE
11/06/2014	23:50	3	SSE	12/06/2014	04:30	4	SE
11/06/2014	23:55	4	SE	12/06/2014	04:35	3	SE
12/06/2014	00:00	3	SE	12/06/2014	04:40	2	SW
12/06/2014	00:05	4	SE	12/06/2014	04:45	4	SE
12/06/2014	00:10	6	SE	12/06/2014	04:50	5	SE
12/06/2014	00:15	4	SSE	12/06/2014	04:55	6	S
12/06/2014	00:20	3	SSE	12/06/2014	05:00	3	SSE
12/06/2014	00:25	3	SSE	12/06/2014	05:05	3	SSE
12/06/2014	00:30	2	S	12/06/2014	05:10	4	SSE
12/06/2014	00:35	4	SSE	12/06/2014	05:15	2	SSE
12/06/2014	00:40	5	SE	12/06/2014	05:20	4	SE
12/06/2014	00:45	3	SE	12/06/2014	05:25	4	SE
12/06/2014	00:50	3	SSE	12/06/2014	05:30	5	SSE
12/06/2014	00:55	4	SE	12/06/2014	05:35	3	SSE
12/06/2014	01:00	3	SE	12/06/2014	05:40	5	SSE
12/06/2014	01:05	4	SSE	12/06/2014	05:45	7	S
12/06/2014	01:10	4	SSE	12/06/2014	05:50	5	SSE
12/06/2014	01:15	4	SSE	12/06/2014	05:55	4	SSE
12/06/2014	01:20	4	SSE	12/06/2014	06:00	6	SE
12/06/2014	01:25	4	SSE	12/06/2014	06:05	4	SSW
12/06/2014	01:30	3	S	12/06/2014	06:10	4	SSE
12/06/2014	01:35	4	SSW	12/06/2014	06:15	2	ESE
12/06/2014	01:40	4	SSE	12/06/2014	06:20	5	WSW
12/06/2014	01:45	3	SE	12/06/2014	06:25	4	SE

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

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

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
12/06/2014	15:50	1	E	12/06/2014	20:30	7	SE
12/06/2014	15:55	0	ESE	12/06/2014	20:35	7	SE
12/06/2014	16:00	3	NNW	12/06/2014	20:40	5	SE
12/06/2014	16:05	3	W	12/06/2014	20:45	6	ESE
12/06/2014	16:10	2	SSE	12/06/2014	20:50	5	SE
12/06/2014	16:15	1	SSE	12/06/2014	20:55	4	SE
12/06/2014	16:20	1	E	12/06/2014	21:00	5	SE
12/06/2014	16:25	1	W	12/06/2014	21:05	6	ESE
12/06/2014	16:30	1	NNW	12/06/2014	21:10	5	SE
12/06/2014	16:35	1	NE	12/06/2014	21:15	4	ESE
12/06/2014	16:40	1	ESE	12/06/2014	21:20	3	ESE
12/06/2014	16:45	2	SSE	12/06/2014	21:25	3	ESE
12/06/2014	16:50	2	SSE	12/06/2014	21:30	4	SE
12/06/2014	16:55	2	SW	12/06/2014	21:35	3	SE
12/06/2014	17:00	6	SE	12/06/2014	21:40	3	SE
12/06/2014	17:05	3	SE	12/06/2014	21:45	4	SE
12/06/2014	17:10	3	SSE	12/06/2014	21:50	3	SE
12/06/2014	17:15	3	SE	12/06/2014	21:55	3	SE
12/06/2014	17:20	2	E	12/06/2014	22:00	2	SE
12/06/2014	17:25	1	SSE	12/06/2014	22:05	1	SSE
12/06/2014	17:30	3	SE	12/06/2014	22:10	0	SSE
12/06/2014	17:35	4	SE	12/06/2014	22:15	0	---
12/06/2014	17:40	5	ESE	12/06/2014	22:20	0	---
12/06/2014	17:45	5	SE	12/06/2014	22:25	0	---
12/06/2014	17:50	2	S	12/06/2014	22:30	0	---
12/06/2014	17:55	3	SE	12/06/2014	22:35	0	---
12/06/2014	18:00	2	SSE	12/06/2014	22:40	0	---
12/06/2014	18:05	4	SSE	12/06/2014	22:45	0	---
12/06/2014	18:10	5	SSE	12/06/2014	22:50	0	---
12/06/2014	18:15	3	ESE	12/06/2014	22:55	0	---
12/06/2014	18:20	5	ESE	12/06/2014	23:00	0	---
12/06/2014	18:25	6	ESE	12/06/2014	23:05	0	---
12/06/2014	18:30	6	SE	12/06/2014	23:10	0	---
12/06/2014	18:35	3	ESE	12/06/2014	23:15	0	---
12/06/2014	18:40	4	SSE	12/06/2014	23:20	0	---
12/06/2014	18:45	6	SE	12/06/2014	23:25	0	---
12/06/2014	18:50	5	SE	12/06/2014	23:30	0	---
12/06/2014	18:55	7	SE	12/06/2014	23:35	0	---
12/06/2014	19:00	5	SE	12/06/2014	23:40	0	---
12/06/2014	19:05	4	SE	12/06/2014	23:45	0	---
12/06/2014	19:10	4	SE	12/06/2014	23:50	0	---
12/06/2014	19:15	6	SE	12/06/2014	23:55	0	---
12/06/2014	19:20	6	SE	13/06/2014	00:00	0	---
12/06/2014	19:25	6	SE	13/06/2014	00:05	0	---
12/06/2014	19:30	6	SE	13/06/2014	00:10	0	---
12/06/2014	19:35	7	SE	13/06/2014	00:15	0	---
12/06/2014	19:40	6	SE	13/06/2014	00:20	0	---
12/06/2014	19:45	7	SE	13/06/2014	00:25	0	---
12/06/2014	19:50	7	SE	13/06/2014	00:30	0	---
12/06/2014	19:55	7	SE	13/06/2014	00:35	0	---
12/06/2014	20:00	8	ESE	13/06/2014	00:40	0	---
12/06/2014	20:05	7	SE	13/06/2014	00:45	0	---
12/06/2014	20:10	8	SE	13/06/2014	00:50	0	---
12/06/2014	20:15	8	SE	13/06/2014	00:55	0	---
12/06/2014	20:20	8	SE	13/06/2014	01:00	0	---
12/06/2014	20:25	6	SE	13/06/2014	01:05	0	---

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
13/06/2014	01:10	0	---	13/06/2014	05:50	2	E
13/06/2014	01:15	0	---	13/06/2014	05:55	1	ESE
13/06/2014	01:20	0	---	13/06/2014	06:00	0	ESE
13/06/2014	01:25	0	---	13/06/2014	06:05	2	ESE
13/06/2014	01:30	0	---	13/06/2014	06:10	1	E
13/06/2014	01:35	0	---	13/06/2014	06:15	0	ESE
13/06/2014	01:40	0	---	13/06/2014	06:20	0	---
13/06/2014	01:45	0	---	13/06/2014	06:25	1	E
13/06/2014	01:50	0	---	13/06/2014	06:30	2	ENE
13/06/2014	01:55	0	---	13/06/2014	06:35	1	SSE
13/06/2014	02:00	0	---	13/06/2014	06:40	2	SE
13/06/2014	02:05	0	---	13/06/2014	06:45	2	SSE
13/06/2014	02:10	0	---	13/06/2014	06:50	3	SE
13/06/2014	02:15	0	---	13/06/2014	06:55	3	ESE
13/06/2014	02:20	0	---	13/06/2014	07:00	3	ESE
13/06/2014	02:25	0	---	13/06/2014	07:05	4	E
13/06/2014	02:30	0	---	13/06/2014	07:10	3	E
13/06/2014	02:35	0	---	13/06/2014	07:15	1	E
13/06/2014	02:40	0	---	13/06/2014	07:20	1	ENE
13/06/2014	02:45	0	---	13/06/2014	07:25	1	ENE
13/06/2014	02:50	0	---	13/06/2014	07:30	0	ENE
13/06/2014	02:55	0	---	13/06/2014	07:35	4	E
13/06/2014	03:00	0	---	13/06/2014	07:40	4	ENE
13/06/2014	03:05	0	---	13/06/2014	07:45	2	E
13/06/2014	03:10	0	---	13/06/2014	07:50	3	E
13/06/2014	03:15	0	---	13/06/2014	07:55	4	E
13/06/2014	03:20	0	---	13/06/2014	08:00	3	E
13/06/2014	03:25	0	---	13/06/2014	08:05	4	E
13/06/2014	03:30	0	---	13/06/2014	08:10	4	E
13/06/2014	03:35	0	---	13/06/2014	08:15	6	ESE
13/06/2014	03:40	0	---	13/06/2014	08:20	6	E
13/06/2014	03:45	0	---	13/06/2014	08:25	7	SE
13/06/2014	03:50	0	---	13/06/2014	08:30	8	SE
13/06/2014	03:55	0	---	13/06/2014	08:35	8	SE
13/06/2014	04:00	0	---	13/06/2014	08:40	9	SE
13/06/2014	04:05	0	---	13/06/2014	08:45	8	SE
13/06/2014	04:10	0	---	13/06/2014	08:50	8	SE
13/06/2014	04:15	0	---	13/06/2014	08:55	10	SE
13/06/2014	04:20	0	---	13/06/2014	09:00	9	SE
13/06/2014	04:25	0	---	13/06/2014	09:05	9	SE
13/06/2014	04:30	0	---	13/06/2014	09:10	8	SE
13/06/2014	04:35	0	---	13/06/2014	09:15	7	SSE
13/06/2014	04:40	0	---	13/06/2014	09:20	6	SSE
13/06/2014	04:45	1	ESE	13/06/2014	09:25	7	SSE
13/06/2014	04:50	2	E	13/06/2014	09:30	5	SSE
13/06/2014	04:55	1	E	13/06/2014	09:35	8	SSE
13/06/2014	05:00	1	SE	13/06/2014	09:40	7	SE
13/06/2014	05:05	2	ESE	13/06/2014	09:45	7	SE
13/06/2014	05:10	2	ESE	13/06/2014	09:50	7	SE
13/06/2014	05:15	2	E	13/06/2014	09:55	9	ESE
13/06/2014	05:20	2	E	13/06/2014	10:00	8	SE
13/06/2014	05:25	2	E	13/06/2014	10:05	6	SSE
13/06/2014	05:30	2	E	13/06/2014	10:10	6	SSE
13/06/2014	05:35	2	E	13/06/2014	10:15	6	SSE
13/06/2014	05:40	3	E	13/06/2014	10:20	5	SSE
13/06/2014	05:45	3	E	13/06/2014	10:25	7	SSE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
13/06/2014	10:30	8	SSE	13/06/2014	15:10	10	SSE
13/06/2014	10:35	4	SSE	13/06/2014	15:15	7	SSE
13/06/2014	10:40	5	SSE	13/06/2014	15:20	10	SE
13/06/2014	10:45	7	SE	13/06/2014	15:25	6	SSE
13/06/2014	10:50	6	S	13/06/2014	15:30	6	SSE
13/06/2014	10:55	7	S	13/06/2014	15:35	6	SE
13/06/2014	11:00	5	SSW	13/06/2014	15:40	7	SE
13/06/2014	11:05	3	SE	13/06/2014	15:45	6	SSE
13/06/2014	11:10	3	SE	13/06/2014	15:50	5	S
13/06/2014	11:15	3	SE	13/06/2014	15:55	5	SSE
13/06/2014	11:20	5	SSE	13/06/2014	16:00	3	SE
13/06/2014	11:25	4	ESE	13/06/2014	16:05	4	SSW
13/06/2014	11:30	5	SE	13/06/2014	16:10	2	SSE
13/06/2014	11:35	4	ESE	13/06/2014	16:15	4	SSE
13/06/2014	11:40	2	E	13/06/2014	16:20	6	SSE
13/06/2014	11:45	2	E	13/06/2014	16:25	5	SE
13/06/2014	11:50	4	ESE	13/06/2014	16:30	6	SE
13/06/2014	11:55	5	SSE	13/06/2014	16:35	6	SE
13/06/2014	12:00	5	SE	13/06/2014	16:40	6	SSE
13/06/2014	12:05	6	ESE	13/06/2014	16:45	5	SE
13/06/2014	12:10	5	ESE	13/06/2014	16:50	3	SE
13/06/2014	12:15	5	ESE	13/06/2014	16:55	4	SSE
13/06/2014	12:20	6	ESE	13/06/2014	17:00	4	SE
13/06/2014	12:25	5	SSE	13/06/2014	17:05	4	SSE
13/06/2014	12:30	6	SSE	13/06/2014	17:10	5	SSE
13/06/2014	12:35	4	SSE	13/06/2014	17:15	3	ESE
13/06/2014	12:40	5	SSE	13/06/2014	17:20	3	SE
13/06/2014	12:45	5	SSE	13/06/2014	17:25	4	SE
13/06/2014	12:50	5	SSE	13/06/2014	17:30	3	ESE
13/06/2014	12:55	6	SSE	13/06/2014	17:35	5	SE
13/06/2014	13:00	5	SSE	13/06/2014	17:40	6	SSE
13/06/2014	13:05	6	SSE	13/06/2014	17:45	4	SE
13/06/2014	13:10	6	SE	13/06/2014	17:50	4	SE
13/06/2014	13:15	5	SSE	13/06/2014	17:55	4	SSE
13/06/2014	13:20	5	SSE	13/06/2014	18:00	6	SSE
13/06/2014	13:25	7	SSE	13/06/2014	18:05	3	SSE
13/06/2014	13:30	7	SSE	13/06/2014	18:10	5	SE
13/06/2014	13:35	7	SSE	13/06/2014	18:15	3	SSE
13/06/2014	13:40	8	SSE	13/06/2014	18:20	5	SE
13/06/2014	13:45	6	SSE	13/06/2014	18:25	6	SE
13/06/2014	13:50	7	SSE	13/06/2014	18:30	3	SSE
13/06/2014	13:55	6	SSE	13/06/2014	18:35	4	SSE
13/06/2014	14:00	6	SSE	13/06/2014	18:40	4	SE
13/06/2014	14:05	7	SSE	13/06/2014	18:45	1	ESE
13/06/2014	14:10	6	SSE	13/06/2014	18:50	2	SE
13/06/2014	14:15	7	SSE	13/06/2014	18:55	2	SSE
13/06/2014	14:20	5	SE	13/06/2014	19:00	3	SW
13/06/2014	14:25	3	SW	13/06/2014	19:05	2	SSE
13/06/2014	14:30	4	SSE	13/06/2014	19:10	1	SSE
13/06/2014	14:35	2	SE	13/06/2014	19:15	2	SE
13/06/2014	14:40	4	SSE	13/06/2014	19:20	2	SE
13/06/2014	14:45	6	SSE	13/06/2014	19:25	2	SE
13/06/2014	14:50	8	SSE	13/06/2014	19:30	5	SSE
13/06/2014	14:55	6	SSE	13/06/2014	19:35	5	SE
13/06/2014	15:00	7	SSE	13/06/2014	19:40	3	SSE
13/06/2014	15:05	8	SSE	13/06/2014	19:45	3	S

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
13/06/2014	19:50	2	S	14/06/2014	00:30	1	NNW
13/06/2014	19:55	3	E	14/06/2014	00:35	0	NNW
13/06/2014	20:00	1	SSE	14/06/2014	00:40	0	NNW
13/06/2014	20:05	2	SE	14/06/2014	00:45	0	---
13/06/2014	20:10	2	ESE	14/06/2014	00:50	0	---
13/06/2014	20:15	4	SSE	14/06/2014	00:55	0	---
13/06/2014	20:20	4	S	14/06/2014	01:00	0	---
13/06/2014	20:25	4	SSE	14/06/2014	01:05	0	---
13/06/2014	20:30	5	SE	14/06/2014	01:10	0	S
13/06/2014	20:35	5	SSE	14/06/2014	01:15	0	S
13/06/2014	20:40	6	SE	14/06/2014	01:20	0	S
13/06/2014	20:45	5	SSE	14/06/2014	01:25	0	---
13/06/2014	20:50	5	SSE	14/06/2014	01:30	0	---
13/06/2014	20:55	6	SSE	14/06/2014	01:35	0	SSE
13/06/2014	21:00	5	SE	14/06/2014	01:40	0	---
13/06/2014	21:05	1	ESE	14/06/2014	01:45	0	---
13/06/2014	21:10	3	SE	14/06/2014	01:50	0	---
13/06/2014	21:15	5	SE	14/06/2014	01:55	1	NNW
13/06/2014	21:20	6	SE	14/06/2014	02:00	0	---
13/06/2014	21:25	6	SSE	14/06/2014	02:05	0	---
13/06/2014	21:30	5	SSE	14/06/2014	02:10	0	---
13/06/2014	21:35	4	SSE	14/06/2014	02:15	0	---
13/06/2014	21:40	4	SSE	14/06/2014	02:20	0	SSW
13/06/2014	21:45	6	SSE	14/06/2014	02:25	2	SSW
13/06/2014	21:50	5	SSE	14/06/2014	02:30	0	SSW
13/06/2014	21:55	6	SSE	14/06/2014	02:35	1	NNW
13/06/2014	22:00	6	SSE	14/06/2014	02:40	2	WNW
13/06/2014	22:05	8	SSE	14/06/2014	02:45	1	W
13/06/2014	22:10	3	SE	14/06/2014	02:50	0	W
13/06/2014	22:15	5	SSE	14/06/2014	02:55	0	W
13/06/2014	22:20	8	SSE	14/06/2014	03:00	0	W
13/06/2014	22:25	6	SSE	14/06/2014	03:05	0	---
13/06/2014	22:30	6	SE	14/06/2014	03:10	0	---
13/06/2014	22:35	5	SE	14/06/2014	03:15	0	---
13/06/2014	22:40	4	SE	14/06/2014	03:20	0	NNW
13/06/2014	22:45	5	ESE	14/06/2014	03:25	1	NNW
13/06/2014	22:50	5	ESE	14/06/2014	03:30	2	WNW
13/06/2014	22:55	2	ESE	14/06/2014	03:35	2	WNW
13/06/2014	23:00	1	SSE	14/06/2014	03:40	1	WNW
13/06/2014	23:05	0	---	14/06/2014	03:45	0	SSW
13/06/2014	23:10	0	---	14/06/2014	03:50	0	W
13/06/2014	23:15	0	---	14/06/2014	03:55	0	---
13/06/2014	23:20	0	SSE	14/06/2014	04:00	0	---
13/06/2014	23:25	0	---	14/06/2014	04:05	0	---
13/06/2014	23:30	0	---	14/06/2014	04:10	0	---
13/06/2014	23:35	0	---	14/06/2014	04:15	0	---
13/06/2014	23:40	0	---	14/06/2014	04:20	0	---
13/06/2014	23:45	0	---	14/06/2014	04:25	2	NNW
13/06/2014	23:50	0	SSW	14/06/2014	04:30	2	NNW
13/06/2014	23:55	0	---	14/06/2014	04:35	0	NNW
14/06/2014	00:00	1	SSW	14/06/2014	04:40	0	---
14/06/2014	00:05	1	SSW	14/06/2014	04:45	0	---
14/06/2014	00:10	0	SSW	14/06/2014	04:50	0	---
14/06/2014	00:15	0	---	14/06/2014	04:55	0	---
14/06/2014	00:20	0	N	14/06/2014	05:00	0	---
14/06/2014	00:25	2	N	14/06/2014	05:05	0	---

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

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

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
14/06/2014	14:30	4	S	14/06/2014	19:10	3	NW
14/06/2014	14:35	0	---	14/06/2014	19:15	3	NW
14/06/2014	14:40	4	SSE	14/06/2014	19:20	2	NW
14/06/2014	14:45	6	SSE	14/06/2014	19:25	2	NW
14/06/2014	14:50	5	SSE	14/06/2014	19:30	0	NW
14/06/2014	14:55	4	SSE	14/06/2014	19:35	0	---
14/06/2014	15:00	3	SSE	14/06/2014	19:40	0	---
14/06/2014	15:05	6	SSE	14/06/2014	19:45	0	---
14/06/2014	15:10	5	SSE	14/06/2014	19:50	0	---
14/06/2014	15:15	7	SSE	14/06/2014	19:55	0	---
14/06/2014	15:20	5	SSE	14/06/2014	20:00	0	---
14/06/2014	15:25	5	SSE	14/06/2014	20:05	0	---
14/06/2014	15:30	6	SSE	14/06/2014	20:10	0	---
14/06/2014	15:35	7	SE	14/06/2014	20:15	0	---
14/06/2014	15:40	5	SSE	14/06/2014	20:20	0	---
14/06/2014	15:45	3	SSE	14/06/2014	20:25	0	---
14/06/2014	15:50	3	SSE	14/06/2014	20:30	0	---
14/06/2014	15:55	2	SSE	14/06/2014	20:35	0	NW
14/06/2014	16:00	2	SSE	14/06/2014	20:40	3	NNW
14/06/2014	16:05	3	SSE	14/06/2014	20:45	3	NNW
14/06/2014	16:10	2	SSE	14/06/2014	20:50	3	NW
14/06/2014	16:15	5	SSE	14/06/2014	20:55	4	NW
14/06/2014	16:20	3	SSE	14/06/2014	21:00	3	NW
14/06/2014	16:25	1	SE	14/06/2014	21:05	3	NW
14/06/2014	16:30	3	SE	14/06/2014	21:10	3	NW
14/06/2014	16:35	4	SE	14/06/2014	21:15	4	NW
14/06/2014	16:40	6	SSE	14/06/2014	21:20	4	NW
14/06/2014	16:45	6	SE	14/06/2014	21:25	3	WNW
14/06/2014	16:50	1	SSE	14/06/2014	21:30	0	NW
14/06/2014	16:55	3	SSE	14/06/2014	21:35	2	NNW
14/06/2014	17:00	4	SW	14/06/2014	21:40	2	NW
14/06/2014	17:05	2	SSE	14/06/2014	21:45	1	WNW
14/06/2014	17:10	3	SE	14/06/2014	21:50	3	WNW
14/06/2014	17:15	5	SSE	14/06/2014	21:55	3	WNW
14/06/2014	17:20	4	SSE	14/06/2014	22:00	2	WNW
14/06/2014	17:25	5	SE	14/06/2014	22:05	4	NW
14/06/2014	17:30	3	SE	14/06/2014	22:10	4	NNW
14/06/2014	17:35	2	SSE	14/06/2014	22:15	3	NW
14/06/2014	17:40	1	SSE	14/06/2014	22:20	4	NW
14/06/2014	17:45	1	SSE	14/06/2014	22:25	5	NNW
14/06/2014	17:50	1	SSE	14/06/2014	22:30	4	NNW
14/06/2014	17:55	2	SE	14/06/2014	22:35	3	NNW
14/06/2014	18:00	1	ESE	14/06/2014	22:40	4	NNW
14/06/2014	18:05	0	SSE	14/06/2014	22:45	4	NNW
14/06/2014	18:10	0	---	14/06/2014	22:50	4	NNW
14/06/2014	18:15	0	---	14/06/2014	22:55	5	NNW
14/06/2014	18:20	1	NW	14/06/2014	23:00	5	NNW
14/06/2014	18:25	0	NW	14/06/2014	23:05	4	NNW
14/06/2014	18:30	0	---	14/06/2014	23:10	6	NNW
14/06/2014	18:35	0	---	14/06/2014	23:15	6	NW
14/06/2014	18:40	0	---	14/06/2014	23:20	5	NW
14/06/2014	18:45	0	---	14/06/2014	23:25	4	NW
14/06/2014	18:50	0	---	14/06/2014	23:30	5	NW
14/06/2014	18:55	1	NNW	14/06/2014	23:35	6	NW
14/06/2014	19:00	3	NW	14/06/2014	23:40	7	NW
14/06/2014	19:05	3	NW	14/06/2014	23:45	7	NW

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
14/06/2014	23:50	6	NW	15/06/2014	04:30	0	ENE
14/06/2014	23:55	6	NW	15/06/2014	04:35	1	E
15/06/2014	00:00	6	NW	15/06/2014	04:40	4	NE
15/06/2014	00:05	3	NW	15/06/2014	04:45	4	NE
15/06/2014	00:10	4	NW	15/06/2014	04:50	6	NE
15/06/2014	00:15	4	NNW	15/06/2014	04:55	6	NE
15/06/2014	00:20	3	NNW	15/06/2014	05:00	6	ENE
15/06/2014	00:25	1	NNW	15/06/2014	05:05	4	ENE
15/06/2014	00:30	2	NW	15/06/2014	05:10	4	E
15/06/2014	00:35	2	NNW	15/06/2014	05:15	4	E
15/06/2014	00:40	1	WNW	15/06/2014	05:20	2	ESE
15/06/2014	00:45	0	WNW	15/06/2014	05:25	1	E
15/06/2014	00:50	0	---	15/06/2014	05:30	1	E
15/06/2014	00:55	0	---	15/06/2014	05:35	0	E
15/06/2014	01:00	0	WNW	15/06/2014	05:40	0	---
15/06/2014	01:05	0	---	15/06/2014	05:45	0	SSW
15/06/2014	01:10	0	---	15/06/2014	05:50	0	---
15/06/2014	01:15	0	---	15/06/2014	05:55	0	---
15/06/2014	01:20	0	---	15/06/2014	06:00	2	W
15/06/2014	01:25	0	---	15/06/2014	06:05	3	N
15/06/2014	01:30	0	---	15/06/2014	06:10	3	N
15/06/2014	01:35	0	---	15/06/2014	06:15	2	NNE
15/06/2014	01:40	0	---	15/06/2014	06:20	1	N
15/06/2014	01:45	0	---	15/06/2014	06:25	1	N
15/06/2014	01:50	0	---	15/06/2014	06:30	2	NE
15/06/2014	01:55	1	NNW	15/06/2014	06:35	3	NE
15/06/2014	02:00	2	NW	15/06/2014	06:40	7	NNE
15/06/2014	02:05	3	NW	15/06/2014	06:45	5	NNE
15/06/2014	02:10	3	N	15/06/2014	06:50	5	NE
15/06/2014	02:15	3	NNW	15/06/2014	06:55	5	NE
15/06/2014	02:20	1	N	15/06/2014	07:00	3	NE
15/06/2014	02:25	0	NNW	15/06/2014	07:05	1	ENE
15/06/2014	02:30	0	---	15/06/2014	07:10	0	E
15/06/2014	02:35	0	---	15/06/2014	07:15	0	---
15/06/2014	02:40	0	---	15/06/2014	07:20	0	E
15/06/2014	02:45	1	NNE	15/06/2014	07:25	0	---
15/06/2014	02:50	0	NNE	15/06/2014	07:30	0	S
15/06/2014	02:55	0	---	15/06/2014	07:35	1	S
15/06/2014	03:00	0	NNE	15/06/2014	07:40	0	WNW
15/06/2014	03:05	2	ENE	15/06/2014	07:45	1	NNW
15/06/2014	03:10	2	E	15/06/2014	07:50	0	S
15/06/2014	03:15	4	SE	15/06/2014	07:55	2	SE
15/06/2014	03:20	5	SE	15/06/2014	08:00	1	WNW
15/06/2014	03:25	2	SSE	15/06/2014	08:05	3	SSW
15/06/2014	03:30	0	S	15/06/2014	08:10	2	S
15/06/2014	03:35	0	---	15/06/2014	08:15	1	ESE
15/06/2014	03:40	1	SE	15/06/2014	08:20	2	SE
15/06/2014	03:45	2	SSE	15/06/2014	08:25	3	S
15/06/2014	03:50	2	SE	15/06/2014	08:30	3	SSE
15/06/2014	03:55	0	SE	15/06/2014	08:35	2	S
15/06/2014	04:00	0	---	15/06/2014	08:40	1	SE
15/06/2014	04:05	0	---	15/06/2014	08:45	1	SSW
15/06/2014	04:10	0	SE	15/06/2014	08:50	0	SW
15/06/2014	04:15	0	---	15/06/2014	08:55	3	NNW
15/06/2014	04:20	0	SW	15/06/2014	09:00	3	NW
15/06/2014	04:25	0	S	15/06/2014	09:05	4	WNW

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
15/06/2014	09:10	2	WNW	15/06/2014	13:50	3	NW
15/06/2014	09:15	3	SSE	15/06/2014	13:55	3	NW
15/06/2014	09:20	2	NE	15/06/2014	14:00	3	NW
15/06/2014	09:25	3	WNW	15/06/2014	14:05	2	NW
15/06/2014	09:30	1	N	15/06/2014	14:10	2	NNW
15/06/2014	09:35	3	NNW	15/06/2014	14:15	3	NNW
15/06/2014	09:40	4	NNW	15/06/2014	14:20	2	NNW
15/06/2014	09:45	6	N	15/06/2014	14:25	1	N
15/06/2014	09:50	6	NNW	15/06/2014	14:30	2	N
15/06/2014	09:55	5	NNW	15/06/2014	14:35	2	N
15/06/2014	10:00	4	NNW	15/06/2014	14:40	1	ESE
15/06/2014	10:05	3	N	15/06/2014	14:45	4	ESE
15/06/2014	10:10	5	N	15/06/2014	14:50	8	SE
15/06/2014	10:15	6	NW	15/06/2014	14:55	5	SE
15/06/2014	10:20	4	WNW	15/06/2014	15:00	5	SE
15/06/2014	10:25	6	N	15/06/2014	15:05	5	ESE
15/06/2014	10:30	5	NNE	15/06/2014	15:10	4	ESE
15/06/2014	10:35	6	N	15/06/2014	15:15	1	SE
15/06/2014	10:40	5	N	15/06/2014	15:20	2	ESE
15/06/2014	10:45	5	N	15/06/2014	15:25	5	ESE
15/06/2014	10:50	6	NW	15/06/2014	15:30	4	E
15/06/2014	10:55	5	NW	15/06/2014	15:35	3	ESE
15/06/2014	11:00	5	NW	15/06/2014	15:40	4	ESE
15/06/2014	11:05	4	NW	15/06/2014	15:45	3	E
15/06/2014	11:10	5	NNW	15/06/2014	15:50	6	ESE
15/06/2014	11:15	5	NNW	15/06/2014	15:55	5	ESE
15/06/2014	11:20	6	NNW	15/06/2014	16:00	4	SE
15/06/2014	11:25	6	N	15/06/2014	16:05	5	SE
15/06/2014	11:30	4	N	15/06/2014	16:10	4	SE
15/06/2014	11:35	4	N	15/06/2014	16:15	3	SE
15/06/2014	11:40	4	N	15/06/2014	16:20	5	ESE
15/06/2014	11:45	4	N	15/06/2014	16:25	4	ESE
15/06/2014	11:50	6	NW	15/06/2014	16:30	0	SSE
15/06/2014	11:55	3	NW	15/06/2014	16:35	0	---
15/06/2014	12:00	2	NNW	15/06/2014	16:40	0	ESE
15/06/2014	12:05	3	NW	15/06/2014	16:45	0	NE
15/06/2014	12:10	5	NW	15/06/2014	16:50	2	NE
15/06/2014	12:15	4	WNW	15/06/2014	16:55	0	NE
15/06/2014	12:20	5	NW	15/06/2014	17:00	0	---
15/06/2014	12:25	5	NW	15/06/2014	17:05	0	---
15/06/2014	12:30	5	NW	15/06/2014	17:10	0	---
15/06/2014	12:35	5	NW	15/06/2014	17:15	1	SE
15/06/2014	12:40	4	NW	15/06/2014	17:20	0	---
15/06/2014	12:45	4	NW	15/06/2014	17:25	0	---
15/06/2014	12:50	5	NW	15/06/2014	17:30	0	---
15/06/2014	12:55	5	NW	15/06/2014	17:35	0	---
15/06/2014	13:00	4	NW	15/06/2014	17:40	0	---
15/06/2014	13:05	5	NW	15/06/2014	17:45	0	---
15/06/2014	13:10	5	NW	15/06/2014	17:50	0	---
15/06/2014	13:15	4	NW	15/06/2014	17:55	0	---
15/06/2014	13:20	4	NW	15/06/2014	18:00	0	---
15/06/2014	13:25	4	NW	15/06/2014	18:05	0	---
15/06/2014	13:30	5	NW	15/06/2014	18:10	0	---
15/06/2014	13:35	5	NW	15/06/2014	18:15	0	---
15/06/2014	13:40	4	NW	15/06/2014	18:20	4	SE
15/06/2014	13:45	2	NW	15/06/2014	18:25	4	SE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
15/06/2014	18:30	5	SE	15/06/2014	23:10	3	SSW
15/06/2014	18:35	4	SE	15/06/2014	23:15	3	NE
15/06/2014	18:40	4	SSE	15/06/2014	23:20	4	N
15/06/2014	18:45	0	SE	15/06/2014	23:25	3	ENE
15/06/2014	18:50	0	SE	15/06/2014	23:30	4	E
15/06/2014	18:55	0	---	15/06/2014	23:35	4	NE
15/06/2014	19:00	0	---	15/06/2014	23:40	5	NE
15/06/2014	19:05	0	---	15/06/2014	23:45	3	NNE
15/06/2014	19:10	0	---	15/06/2014	23:50	3	SSW
15/06/2014	19:15	0	---	15/06/2014	23:55	3	S
15/06/2014	19:20	1	SE	16/06/2014	00:00	2	SE
15/06/2014	19:25	2	NW	16/06/2014	00:05	7	ESE
15/06/2014	19:30	5	NNW	16/06/2014	00:10	8	SE
15/06/2014	19:35	4	N	16/06/2014	00:15	8	SSE
15/06/2014	19:40	1	NNE	16/06/2014	00:20	9	SSE
15/06/2014	19:45	0	---	16/06/2014	00:25	6	SSE
15/06/2014	19:50	0	---	16/06/2014	00:30	5	S
15/06/2014	19:55	0	---	16/06/2014	00:35	5	S
15/06/2014	20:00	1	ENE	16/06/2014	00:40	5	SSE
15/06/2014	20:05	2	ENE	16/06/2014	00:45	3	S
15/06/2014	20:10	1	N	16/06/2014	00:50	1	SSW
15/06/2014	20:15	1	E	16/06/2014	00:55	1	NW
15/06/2014	20:20	3	SE	16/06/2014	01:00	1	NW
15/06/2014	20:25	2	SE	16/06/2014	01:05	3	NNW
15/06/2014	20:30	3	SE	16/06/2014	01:10	2	NNW
15/06/2014	20:35	2	SSW	16/06/2014	01:15	3	NW
15/06/2014	20:40	1	S	16/06/2014	01:20	2	NNW
15/06/2014	20:45	5	E	16/06/2014	01:25	0	NNE
15/06/2014	20:50	5	ESE	16/06/2014	01:30	0	---
15/06/2014	20:55	2	SE	16/06/2014	01:35	0	---
15/06/2014	21:00	0	WSW	16/06/2014	01:40	1	SE
15/06/2014	21:05	0	---	16/06/2014	01:45	1	SE
15/06/2014	21:10	0	NW	16/06/2014	01:50	0	---
15/06/2014	21:15	0	NW	16/06/2014	01:55	0	---
15/06/2014	21:20	0	---	16/06/2014	02:00	0	---
15/06/2014	21:25	1	ESE	16/06/2014	02:05	0	---
15/06/2014	21:30	0	E	16/06/2014	02:10	3	E
15/06/2014	21:35	1	E	16/06/2014	02:15	0	E
15/06/2014	21:40	1	ENE	16/06/2014	02:20	0	---
15/06/2014	21:45	3	ESE	16/06/2014	02:25	0	---
15/06/2014	21:50	2	S	16/06/2014	02:30	0	---
15/06/2014	21:55	1	SSE	16/06/2014	02:35	0	---
15/06/2014	22:00	2	SE	16/06/2014	02:40	0	---
15/06/2014	22:05	4	SE	16/06/2014	02:45	0	---
15/06/2014	22:10	1	WSW	16/06/2014	02:50	0	---
15/06/2014	22:15	1	NW	16/06/2014	02:55	0	---
15/06/2014	22:20	0	ESE	16/06/2014	03:00	0	---
15/06/2014	22:25	1	ESE	16/06/2014	03:05	0	---
15/06/2014	22:30	4	SSE	16/06/2014	03:10	0	---
15/06/2014	22:35	2	N	16/06/2014	03:15	0	---
15/06/2014	22:40	2	N	16/06/2014	03:20	0	---
15/06/2014	22:45	2	S	16/06/2014	03:25	0	---
15/06/2014	22:50	3	SSW	16/06/2014	03:30	0	---
15/06/2014	22:55	2	SSW	16/06/2014	03:35	0	---
15/06/2014	23:00	3	NE	16/06/2014	03:40	0	SE
15/06/2014	23:05	2	S	16/06/2014	03:45	4	SE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
16/06/2014	03:50	2	SE
16/06/2014	03:55	2	SE
16/06/2014	04:00	2	SE
16/06/2014	04:05	2	SE
16/06/2014	04:10	2	SE
16/06/2014	04:15	1	SE
16/06/2014	04:20	2	SE
16/06/2014	04:25	2	S
16/06/2014	04:30	0	SE
16/06/2014	04:35	0	---
16/06/2014	04:40	0	---
16/06/2014	04:45	0	---
16/06/2014	04:50	0	---
16/06/2014	04:55	0	---
16/06/2014	05:00	0	---
16/06/2014	05:05	0	---
16/06/2014	05:10	0	---
16/06/2014	05:15	0	---
16/06/2014	05:20	0	---
16/06/2014	05:25	0	---
16/06/2014	05:30	1	SE
16/06/2014	05:35	3	SE
16/06/2014	05:40	4	SE
16/06/2014	05:45	5	SE
16/06/2014	05:50	3	SE
16/06/2014	05:55	4	SE
16/06/2014	06:00	4	SE
16/06/2014	06:05	5	SE
16/06/2014	06:10	5	SE
16/06/2014	06:15	5	SE
16/06/2014	06:20	3	SE
16/06/2014	06:25	5	SE
16/06/2014	06:30	4	SE
16/06/2014	06:35	4	SE
16/06/2014	06:40	4	ESE
16/06/2014	06:45	4	ESE
16/06/2014	06:50	5	SE
16/06/2014	06:55	4	SE
16/06/2014	07:00	6	ESE
16/06/2014	07:05	5	SE
16/06/2014	07:10	6	ESE
16/06/2014	07:15	6	SE
16/06/2014	07:20	6	ESE
16/06/2014	07:25	6	SE
16/06/2014	07:30	5	SE
16/06/2014	07:35	6	SE
16/06/2014	07:40	7	ESE
16/06/2014	07:45	6	SE
16/06/2014	07:50	6	ESE
16/06/2014	07:55	5	ESE
16/06/2014	08:00	5	ESE
16/06/2014	08:05	6	ESE
16/06/2014	08:10	5	E
16/06/2014	08:15	6	ESE
16/06/2014	08:20	5	ESE
16/06/2014	08:25	5	ESE
16/06/2014	08:30	4	E
16/06/2014	08:35	6	ESE
16/06/2014	08:40	5	ESE
16/06/2014	08:45	6	E
16/06/2014	08:50	6	ESE
16/06/2014	08:55	6	SE
16/06/2014	09:00	5	SE
16/06/2014	09:05	5	ESE
16/06/2014	09:10	5	ESE
16/06/2014	09:15	5	E
16/06/2014	09:20	4	ESE
16/06/2014	09:25	4	ESE
16/06/2014	09:30	3	ESE
16/06/2014	09:35	2	NNE
16/06/2014	09:40	2	NNE
16/06/2014	09:45	3	E
16/06/2014	09:50	4	SE
16/06/2014	09:55	4	S
16/06/2014	10:00	3	SE
16/06/2014	10:05	4	ESE
16/06/2014	10:10	4	ENE
16/06/2014	10:15	4	NE
16/06/2014	10:20	4	NNE
16/06/2014	10:25	4	E
16/06/2014	10:30	5	SE
16/06/2014	10:35	6	SE
16/06/2014	10:40	5	SE
16/06/2014	10:45	4	E
16/06/2014	10:50	3	ESE
16/06/2014	10:55	3	ESE
16/06/2014	11:00	4	ENE
16/06/2014	11:05	4	E
16/06/2014	11:10	6	E
16/06/2014	11:15	4	NE
16/06/2014	11:20	5	NE
16/06/2014	11:25	6	ESE
16/06/2014	11:30	4	NE
16/06/2014	11:35	6	ENE
16/06/2014	11:40	4	ESE
16/06/2014	11:45	6	ESE
16/06/2014	11:50	6	E
16/06/2014	11:55	5	N
16/06/2014	12:00	6	E
16/06/2014	12:05	7	NW
16/06/2014	12:10	7	NNW
16/06/2014	12:15	8	N
16/06/2014	12:20	8	NNW
16/06/2014	12:25	9	NW
16/06/2014	12:30	5	NNE
16/06/2014	12:35	6	N
16/06/2014	12:40	7	NNW
16/06/2014	12:45	8	NNW
16/06/2014	12:50	6	N
16/06/2014	12:55	7	NNW
16/06/2014	13:00	5	ENE
16/06/2014	13:05	6	SE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
16/06/2014	13:10	8	ESE	16/06/2014	17:50	5	E
16/06/2014	13:15	7	SE	16/06/2014	17:55	5	SE
16/06/2014	13:20	6	E	16/06/2014	18:00	5	NE
16/06/2014	13:25	6	E	16/06/2014	18:05	4	NNE
16/06/2014	13:30	6	ENE	16/06/2014	18:10	5	ESE
16/06/2014	13:35	6	ESE	16/06/2014	18:15	4	ENE
16/06/2014	13:40	7	SE	16/06/2014	18:20	5	E
16/06/2014	13:45	5	ESE	16/06/2014	18:25	5	E
16/06/2014	13:50	5	SSE	16/06/2014	18:30	3	ESE
16/06/2014	13:55	6	S	16/06/2014	18:35	4	SE
16/06/2014	14:00	6	SE	16/06/2014	18:40	4	SE
16/06/2014	14:05	7	ESE	16/06/2014	18:45	4	E
16/06/2014	14:10	5	ESE	16/06/2014	18:50	2	NNE
16/06/2014	14:15	5	ENE	16/06/2014	18:55	4	NNE
16/06/2014	14:20	4	ENE	16/06/2014	19:00	5	N
16/06/2014	14:25	6	ESE	16/06/2014	19:05	4	NW
16/06/2014	14:30	7	ENE	16/06/2014	19:10	6	NW
16/06/2014	14:35	9	N	16/06/2014	19:15	6	N
16/06/2014	14:40	7	N	16/06/2014	19:20	7	NNW
16/06/2014	14:45	6	E	16/06/2014	19:25	6	NNW
16/06/2014	14:50	5	SE	16/06/2014	19:30	5	N
16/06/2014	14:55	4	ENE	16/06/2014	19:35	4	N
16/06/2014	15:00	5	NNW	16/06/2014	19:40	6	NNW
16/06/2014	15:05	5	NNW	16/06/2014	19:45	5	NNW
16/06/2014	15:10	5	ENE	16/06/2014	19:50	7	NNW
16/06/2014	15:15	5	N	16/06/2014	19:55	6	NNW
16/06/2014	15:20	5	NE	16/06/2014	20:00	4	NNW
16/06/2014	15:25	7	N	16/06/2014	20:05	4	N
16/06/2014	15:30	8	NNW	16/06/2014	20:10	3	NE
16/06/2014	15:35	9	NW	16/06/2014	20:15	4	NNW
16/06/2014	15:40	7	N	16/06/2014	20:20	3	E
16/06/2014	15:45	8	NW	16/06/2014	20:25	6	NNW
16/06/2014	15:50	7	NNW	16/06/2014	20:30	4	NNW
16/06/2014	15:55	7	N	16/06/2014	20:35	5	N
16/06/2014	16:00	9	NNW	16/06/2014	20:40	3	NNE
16/06/2014	16:05	7	NNW	16/06/2014	20:45	3	NNE
16/06/2014	16:10	6	NNW	16/06/2014	20:50	6	NNW
16/06/2014	16:15	7	NNW	16/06/2014	20:55	4	NNW
16/06/2014	16:20	7	N	16/06/2014	21:00	5	N
16/06/2014	16:25	6	N	16/06/2014	21:05	5	NW
16/06/2014	16:30	8	NNE	16/06/2014	21:10	4	NNW
16/06/2014	16:35	7	NNW	16/06/2014	21:15	4	NNW
16/06/2014	16:40	5	ENE	16/06/2014	21:20	5	NW
16/06/2014	16:45	4	SSE	16/06/2014	21:25	3	NW
16/06/2014	16:50	5	E	16/06/2014	21:30	4	NNW
16/06/2014	16:55	5	E	16/06/2014	21:35	3	N
16/06/2014	17:00	5	NNW	16/06/2014	21:40	4	NNW
16/06/2014	17:05	7	NNW	16/06/2014	21:45	4	NNW
16/06/2014	17:10	4	NNE	16/06/2014	21:50	4	NNW
16/06/2014	17:15	4	SSE	16/06/2014	21:55	2	NE
16/06/2014	17:20	5	E	16/06/2014	22:00	1	NE
16/06/2014	17:25	5	SE	16/06/2014	22:05	3	N
16/06/2014	17:30	4	SSE	16/06/2014	22:10	4	NNW
16/06/2014	17:35	5	SSE	16/06/2014	22:15	2	NNE
16/06/2014	17:40	5	NE	16/06/2014	22:20	2	E
16/06/2014	17:45	6	E	16/06/2014	22:25	3	N

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
16/06/2014	22:30	4	N	17/06/2014	03:10	3	SE
16/06/2014	22:35	4	NNW	17/06/2014	03:15	2	NE
16/06/2014	22:40	3	NNW	17/06/2014	03:20	2	SSE
16/06/2014	22:45	4	NNW	17/06/2014	03:25	1	NE
16/06/2014	22:50	2	E	17/06/2014	03:30	1	NNE
16/06/2014	22:55	2	NE	17/06/2014	03:35	2	SE
16/06/2014	23:00	4	NNW	17/06/2014	03:40	3	NNE
16/06/2014	23:05	5	NNW	17/06/2014	03:45	2	N
16/06/2014	23:10	4	NNW	17/06/2014	03:50	2	SSE
16/06/2014	23:15	4	NNW	17/06/2014	03:55	2	SSE
16/06/2014	23:20	3	NNW	17/06/2014	04:00	2	ENE
16/06/2014	23:25	3	NW	17/06/2014	04:05	3	NW
16/06/2014	23:30	4	NNW	17/06/2014	04:10	2	SSW
16/06/2014	23:35	3	NW	17/06/2014	04:15	3	ESE
16/06/2014	23:40	3	N	17/06/2014	04:20	3	NNW
16/06/2014	23:45	3	NNW	17/06/2014	04:25	4	NNW
16/06/2014	23:50	2	N	17/06/2014	04:30	1	E
16/06/2014	23:55	3	NNE	17/06/2014	04:35	2	SW
17/06/2014	00:00	2	NNW	17/06/2014	04:40	2	SE
17/06/2014	00:05	2	N	17/06/2014	04:45	2	E
17/06/2014	00:10	3	NW	17/06/2014	04:50	3	WNW
17/06/2014	00:15	3	WNW	17/06/2014	04:55	1	S
17/06/2014	00:20	3	NNW	17/06/2014	05:00	2	SE
17/06/2014	00:25	3	NNW	17/06/2014	05:05	3	NE
17/06/2014	00:30	1	SSE	17/06/2014	05:10	2	WSW
17/06/2014	00:35	2	ESE	17/06/2014	05:15	2	NNE
17/06/2014	00:40	1	NNE	17/06/2014	05:20	4	N
17/06/2014	00:45	2	N	17/06/2014	05:25	4	NE
17/06/2014	00:50	2	N	17/06/2014	05:30	3	N
17/06/2014	00:55	3	NNW	17/06/2014	05:35	0	NNW
17/06/2014	01:00	2	NNW	17/06/2014	05:40	2	SSE
17/06/2014	01:05	2	N	17/06/2014	05:45	2	N
17/06/2014	01:10	2	N	17/06/2014	05:50	2	NW
17/06/2014	01:15	2	NE	17/06/2014	05:55	2	S
17/06/2014	01:20	2	SSE	17/06/2014	06:00	3	ENE
17/06/2014	01:25	2	SSE	17/06/2014	06:05	2	ENE
17/06/2014	01:30	2	NNW	17/06/2014	06:10	3	E
17/06/2014	01:35	3	NW	17/06/2014	06:15	3	NNE
17/06/2014	01:40	1	N	17/06/2014	06:20	3	SSE
17/06/2014	01:45	3	NE	17/06/2014	06:25	3	SE
17/06/2014	01:50	2	NW	17/06/2014	06:30	3	NE
17/06/2014	01:55	2	S	17/06/2014	06:35	3	ENE
17/06/2014	02:00	3	ENE	17/06/2014	06:40	3	NNE
17/06/2014	02:05	3	WNW	17/06/2014	06:45	3	ESE
17/06/2014	02:10	1	NNW	17/06/2014	06:50	4	ESE
17/06/2014	02:15	1	NNW	17/06/2014	06:55	3	ENE
17/06/2014	02:20	1	NNW	17/06/2014	07:00	3	NE
17/06/2014	02:25	1	ENE	17/06/2014	07:05	5	NNE
17/06/2014	02:30	3	S	17/06/2014	07:10	5	SE
17/06/2014	02:35	3	E	17/06/2014	07:15	4	NE
17/06/2014	02:40	2	SSE	17/06/2014	07:20	4	NNW
17/06/2014	02:45	1	N	17/06/2014	07:25	4	SE
17/06/2014	02:50	1	NNW	17/06/2014	07:30	4	N
17/06/2014	02:55	1	NNW	17/06/2014	07:35	3	ENE
17/06/2014	03:00	1	NE	17/06/2014	07:40	6	NW
17/06/2014	03:05	2	SE	17/06/2014	07:45	3	ESE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
17/06/2014	07:50	2	SE	17/06/2014	12:30	6	NNW
17/06/2014	07:55	5	SE	17/06/2014	12:35	7	N
17/06/2014	08:00	3	NNE	17/06/2014	12:40	6	NNW
17/06/2014	08:05	5	N	17/06/2014	12:45	4	NE
17/06/2014	08:10	7	N	17/06/2014	12:50	7	N
17/06/2014	08:15	6	N	17/06/2014	12:55	6	N
17/06/2014	08:20	3	NNE	17/06/2014	13:00	9	NW
17/06/2014	08:25	2	NNW	17/06/2014	13:05	6	N
17/06/2014	08:30	2	E	17/06/2014	13:10	6	NNW
17/06/2014	08:35	3	E	17/06/2014	13:15	6	NW
17/06/2014	08:40	3	E	17/06/2014	13:20	5	NNW
17/06/2014	08:45	2	ESE	17/06/2014	13:25	4	NNW
17/06/2014	08:50	3	NE	17/06/2014	13:30	3	NNW
17/06/2014	08:55	3	SE	17/06/2014	13:35	6	NW
17/06/2014	09:00	3	E	17/06/2014	13:40	6	NW
17/06/2014	09:05	2	N	17/06/2014	13:45	4	NNW
17/06/2014	09:10	4	E	17/06/2014	13:50	4	N
17/06/2014	09:15	5	NNE	17/06/2014	13:55	3	NNW
17/06/2014	09:20	6	NW	17/06/2014	14:00	3	NNE
17/06/2014	09:25	6	NNW	17/06/2014	14:05	5	NNW
17/06/2014	09:30	3	N	17/06/2014	14:10	5	NNW
17/06/2014	09:35	3	WNW	17/06/2014	14:15	6	NNW
17/06/2014	09:40	5	NE	17/06/2014	14:20	4	NE
17/06/2014	09:45	4	SSE	17/06/2014	14:25	4	NW
17/06/2014	09:50	5	SE	17/06/2014	14:30	4	NNW
17/06/2014	09:55	4	SE	17/06/2014	14:35	5	N
17/06/2014	10:00	3	NE	17/06/2014	14:40	4	NNE
17/06/2014	10:05	2	ENE	17/06/2014	14:45	3	N
17/06/2014	10:10	4	ENE	17/06/2014	14:50	5	NW
17/06/2014	10:15	5	ENE	17/06/2014	14:55	2	N
17/06/2014	10:20	4	NNW	17/06/2014	15:00	2	N
17/06/2014	10:25	4	NNE	17/06/2014	15:05	3	NE
17/06/2014	10:30	8	N	17/06/2014	15:10	3	NNE
17/06/2014	10:35	4	NNW	17/06/2014	15:15	4	N
17/06/2014	10:40	6	NW	17/06/2014	15:20	2	N
17/06/2014	10:45	3	E	17/06/2014	15:25	5	NNW
17/06/2014	10:50	4	NNW	17/06/2014	15:30	5	NNW
17/06/2014	10:55	5	N	17/06/2014	15:35	5	NNW
17/06/2014	11:00	4	N	17/06/2014	15:40	5	N
17/06/2014	11:05	2	N	17/06/2014	15:45	4	N
17/06/2014	11:10	6	N	17/06/2014	15:50	3	N
17/06/2014	11:15	4	N	17/06/2014	15:55	3	N
17/06/2014	11:20	5	N	17/06/2014	16:00	4	NNE
17/06/2014	11:25	3	ENE	17/06/2014	16:05	4	N
17/06/2014	11:30	5	NNW	17/06/2014	16:10	4	N
17/06/2014	11:35	4	N	17/06/2014	16:15	2	SE
17/06/2014	11:40	4	N	17/06/2014	16:20	3	E
17/06/2014	11:45	3	N	17/06/2014	16:25	3	N
17/06/2014	11:50	3	NE	17/06/2014	16:30	2	SSE
17/06/2014	11:55	3	SE	17/06/2014	16:35	2	N
17/06/2014	12:00	6	SE	17/06/2014	16:40	4	NNE
17/06/2014	12:05	5	ENE	17/06/2014	16:45	1	ESE
17/06/2014	12:10	3	SE	17/06/2014	16:50	3	NNW
17/06/2014	12:15	5	NNW	17/06/2014	16:55	2	NNW
17/06/2014	12:20	4	ENE	17/06/2014	17:00	2	N
17/06/2014	12:25	5	ENE	17/06/2014	17:05	2	NNE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
17/06/2014	17:10	1	N	17/06/2014	21:50	4	NNW
17/06/2014	17:15	2	NNE	17/06/2014	21:55	2	ENE
17/06/2014	17:20	2	N	17/06/2014	22:00	3	SE
17/06/2014	17:25	5	NNW	17/06/2014	22:05	1	NE
17/06/2014	17:30	6	N	17/06/2014	22:10	1	ESE
17/06/2014	17:35	4	NW	17/06/2014	22:15	3	NNE
17/06/2014	17:40	5	NNW	17/06/2014	22:20	1	SSE
17/06/2014	17:45	6	N	17/06/2014	22:25	2	NNE
17/06/2014	17:50	8	NNW	17/06/2014	22:30	2	SSE
17/06/2014	17:55	5	NNW	17/06/2014	22:35	1	E
17/06/2014	18:00	6	N	17/06/2014	22:40	2	ENE
17/06/2014	18:05	5	NW	17/06/2014	22:45	0	ENE
17/06/2014	18:10	5	NNW	17/06/2014	22:50	0	ENE
17/06/2014	18:15	4	N	17/06/2014	22:55	0	---
17/06/2014	18:20	4	N	17/06/2014	23:00	1	SSW
17/06/2014	18:25	7	N	17/06/2014	23:05	2	E
17/06/2014	18:30	3	W	17/06/2014	23:10	1	N
17/06/2014	18:35	2	ESE	17/06/2014	23:15	3	NNW
17/06/2014	18:40	2	E	17/06/2014	23:20	3	NNW
17/06/2014	18:45	4	S	17/06/2014	23:25	2	NNW
17/06/2014	18:50	4	E	17/06/2014	23:30	3	NNE
17/06/2014	18:55	3	E	17/06/2014	23:35	2	N
17/06/2014	19:00	0	---	17/06/2014	23:40	2	NNW
17/06/2014	19:05	0	S	17/06/2014	23:45	1	NW
17/06/2014	19:10	1	ESE	17/06/2014	23:50	8	NNW
17/06/2014	19:15	3	E	17/06/2014	23:55	2	NE
17/06/2014	19:20	2	ESE	18/06/2014	00:00	0	NE
17/06/2014	19:25	1	E	18/06/2014	00:05	0	---
17/06/2014	19:30	2	N	18/06/2014	00:10	4	NNW
17/06/2014	19:35	5	NNW	18/06/2014	00:15	8	NNW
17/06/2014	19:40	2	N	18/06/2014	00:20	9	NNW
17/06/2014	19:45	4	N	18/06/2014	00:25	11	NNW
17/06/2014	19:50	4	NNW	18/06/2014	00:30	9	NNW
17/06/2014	19:55	4	NW	18/06/2014	00:35	6	WNW
17/06/2014	20:00	3	NW	18/06/2014	00:40	4	N
17/06/2014	20:05	0	WNW	18/06/2014	00:45	2	WNW
17/06/2014	20:10	1	SE	18/06/2014	00:50	1	SSW
17/06/2014	20:15	1	ESE	18/06/2014	00:55	1	SSW
17/06/2014	20:20	2	ENE	18/06/2014	01:00	2	N
17/06/2014	20:25	0	S	18/06/2014	01:05	2	NNW
17/06/2014	20:30	1	SSE	18/06/2014	01:10	3	NW
17/06/2014	20:35	1	SSE	18/06/2014	01:15	3	NNW
17/06/2014	20:40	0	NE	18/06/2014	01:20	0	NNW
17/06/2014	20:45	1	NNE	18/06/2014	01:25	0	---
17/06/2014	20:50	0	---	18/06/2014	01:30	0	---
17/06/2014	20:55	2	NNW	18/06/2014	01:35	0	N
17/06/2014	21:00	5	N	18/06/2014	01:40	1	SE
17/06/2014	21:05	2	N	18/06/2014	01:45	0	SE
17/06/2014	21:10	0	W	18/06/2014	01:50	0	SE
17/06/2014	21:15	2	NNE	18/06/2014	01:55	0	---
17/06/2014	21:20	3	NE	18/06/2014	02:00	0	---
17/06/2014	21:25	3	SSE	18/06/2014	02:05	0	---
17/06/2014	21:30	4	SE	18/06/2014	02:10	1	SSE
17/06/2014	21:35	4	ESE	18/06/2014	02:15	2	SSE
17/06/2014	21:40	6	ENE	18/06/2014	02:20	1	ESE
17/06/2014	21:45	4	S	18/06/2014	02:25	1	SSE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
18/06/2014	02:30	2	SE	18/06/2014	07:10	3	E
18/06/2014	02:35	1	S	18/06/2014	07:15	4	NNW
18/06/2014	02:40	0	---	18/06/2014	07:20	2	S
18/06/2014	02:45	1	ESE	18/06/2014	07:25	2	E
18/06/2014	02:50	6	NNW	18/06/2014	07:30	3	NNW
18/06/2014	02:55	8	NNW	18/06/2014	07:35	4	NW
18/06/2014	03:00	8	NNW	18/06/2014	07:40	4	N
18/06/2014	03:05	9	NNW	18/06/2014	07:45	4	NNW
18/06/2014	03:10	4	N	18/06/2014	07:50	4	SSW
18/06/2014	03:15	2	WNW	18/06/2014	07:55	5	NNW
18/06/2014	03:20	1	NW	18/06/2014	08:00	5	NW
18/06/2014	03:25	3	SSE	18/06/2014	08:05	5	NW
18/06/2014	03:30	2	SE	18/06/2014	08:10	4	N
18/06/2014	03:35	2	SSE	18/06/2014	08:15	5	NNW
18/06/2014	03:40	0	---	18/06/2014	08:20	4	N
18/06/2014	03:45	2	SSE	18/06/2014	08:25	6	NNW
18/06/2014	03:50	1	SSE	18/06/2014	08:30	3	NNW
18/06/2014	03:55	1	S	18/06/2014	08:35	3	N
18/06/2014	04:00	0	S	18/06/2014	08:40	2	ENE
18/06/2014	04:05	0	NW	18/06/2014	08:45	3	N
18/06/2014	04:10	1	NW	18/06/2014	08:50	4	N
18/06/2014	04:15	4	NE	18/06/2014	08:55	4	NNE
18/06/2014	04:20	4	WNW	18/06/2014	09:00	5	NNW
18/06/2014	04:25	3	WNW	18/06/2014	09:05	4	N
18/06/2014	04:30	0	WNW	18/06/2014	09:10	3	N
18/06/2014	04:35	2	NE	18/06/2014	09:15	4	SW
18/06/2014	04:40	3	NNE	18/06/2014	09:20	3	NW
18/06/2014	04:45	1	NW	18/06/2014	09:25	3	NNE
18/06/2014	04:50	0	NNW	18/06/2014	09:30	4	NW
18/06/2014	04:55	1	E	18/06/2014	09:35	4	NNE
18/06/2014	05:00	1	E	18/06/2014	09:40	3	NE
18/06/2014	05:05	0	E	18/06/2014	09:45	3	E
18/06/2014	05:10	4	ESE	18/06/2014	09:50	3	ESE
18/06/2014	05:15	5	SE	18/06/2014	09:55	3	SE
18/06/2014	05:20	6	SE	18/06/2014	10:00	6	SSE
18/06/2014	05:25	4	SSE	18/06/2014	10:05	4	E
18/06/2014	05:30	4	SE	18/06/2014	10:10	6	ENE
18/06/2014	05:35	4	SE	18/06/2014	10:15	5	SSE
18/06/2014	05:40	3	SE	18/06/2014	10:20	5	ESE
18/06/2014	05:45	3	ESE	18/06/2014	10:25	2	ESE
18/06/2014	05:50	3	SE	18/06/2014	10:30	6	S
18/06/2014	05:55	4	ESE	18/06/2014	10:35	3	E
18/06/2014	06:00	3	ESE	18/06/2014	10:40	4	SSW
18/06/2014	06:05	4	SE	18/06/2014	10:45	4	SSE
18/06/2014	06:10	4	ESE	18/06/2014	10:50	4	S
18/06/2014	06:15	3	SE	18/06/2014	10:55	4	SE
18/06/2014	06:20	3	SE	18/06/2014	11:00	4	SE
18/06/2014	06:25	3	ESE	18/06/2014	11:05	5	NNE
18/06/2014	06:30	3	ESE	18/06/2014	11:10	4	S
18/06/2014	06:35	4	ESE	18/06/2014	11:15	3	ENE
18/06/2014	06:40	1	ESE	18/06/2014	11:20	4	S
18/06/2014	06:45	4	NNW	18/06/2014	11:25	4	ESE
18/06/2014	06:50	4	N	18/06/2014	11:30	4	E
18/06/2014	06:55	3	NNE	18/06/2014	11:35	5	SSE
18/06/2014	07:00	3	ESE	18/06/2014	11:40	3	SSE
18/06/2014	07:05	4	N	18/06/2014	11:45	5	SSE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
18/06/2014	11:50	5	SSE	18/06/2014	16:30	3	NNE
18/06/2014	11:55	5	SSE	18/06/2014	16:35	5	NNW
18/06/2014	12:00	3	SSE	18/06/2014	16:40	5	N
18/06/2014	12:05	6	S	18/06/2014	16:45	3	ENE
18/06/2014	12:10	7	S	18/06/2014	16:50	2	NE
18/06/2014	12:15	4	SE	18/06/2014	16:55	2	NW
18/06/2014	12:20	4	SSE	18/06/2014	17:00	2	NE
18/06/2014	12:25	2	E	18/06/2014	17:05	3	SSE
18/06/2014	12:30	4	SSE	18/06/2014	17:10	4	NW
18/06/2014	12:35	2	S	18/06/2014	17:15	2	NW
18/06/2014	12:40	3	SE	18/06/2014	17:20	4	NE
18/06/2014	12:45	3	E	18/06/2014	17:25	3	ENE
18/06/2014	12:50	4	S	18/06/2014	17:30	3	ESE
18/06/2014	12:55	4	WNW	18/06/2014	17:35	3	N
18/06/2014	13:00	4	SSE	18/06/2014	17:40	3	NNW
18/06/2014	13:05	4	SSE	18/06/2014	17:45	5	N
18/06/2014	13:10	5	SE	18/06/2014	17:50	2	SSE
18/06/2014	13:15	2	NW	18/06/2014	17:55	3	ENE
18/06/2014	13:20	4	SSW	18/06/2014	18:00	5	NE
18/06/2014	13:25	2	S	18/06/2014	18:05	4	SE
18/06/2014	13:30	3	ESE	18/06/2014	18:10	5	SE
18/06/2014	13:35	3	E	18/06/2014	18:15	3	ESE
18/06/2014	13:40	3	SSE	18/06/2014	18:20	3	SE
18/06/2014	13:45	2	S	18/06/2014	18:25	3	N
18/06/2014	13:50	2	ENE	18/06/2014	18:30	6	NW
18/06/2014	13:55	2	NE	18/06/2014	18:35	3	N
18/06/2014	14:00	3	NNE	18/06/2014	18:40	3	SE
18/06/2014	14:05	5	NNW	18/06/2014	18:45	4	ESE
18/06/2014	14:10	3	N	18/06/2014	18:50	3	ESE
18/06/2014	14:15	3	ENE	18/06/2014	18:55	4	NE
18/06/2014	14:20	5	NW	18/06/2014	19:00	4	NE
18/06/2014	14:25	2	NNW	18/06/2014	19:05	2	WNW
18/06/2014	14:30	2	E	18/06/2014	19:10	2	E
18/06/2014	14:35	3	E	18/06/2014	19:15	3	N
18/06/2014	14:40	4	SSE	18/06/2014	19:20	3	WNW
18/06/2014	14:45	4	ESE	18/06/2014	19:25	2	NNW
18/06/2014	14:50	4	E	18/06/2014	19:30	2	E
18/06/2014	14:55	2	SSE	18/06/2014	19:35	2	NW
18/06/2014	15:00	4	SE	18/06/2014	19:40	2	E
18/06/2014	15:05	4	NNE	18/06/2014	19:45	1	ENE
18/06/2014	15:10	6	N	18/06/2014	19:50	3	NNE
18/06/2014	15:15	2	NE	18/06/2014	19:55	4	N
18/06/2014	15:20	6	NNE	18/06/2014	20:00	2	NE
18/06/2014	15:25	6	NNE	18/06/2014	20:05	4	N
18/06/2014	15:30	5	SSE	18/06/2014	20:10	2	ENE
18/06/2014	15:35	4	E	18/06/2014	20:15	3	ENE
18/06/2014	15:40	5	E	18/06/2014	20:20	2	ESE
18/06/2014	15:45	4	ESE	18/06/2014	20:25	3	ENE
18/06/2014	15:50	3	N	18/06/2014	20:30	3	SE
18/06/2014	15:55	2	ENE	18/06/2014	20:35	3	NNE
18/06/2014	16:00	4	NNE	18/06/2014	20:40	3	NNW
18/06/2014	16:05	3	SSE	18/06/2014	20:45	3	NNE
18/06/2014	16:10	4	E	18/06/2014	20:50	4	NE
18/06/2014	16:15	3	SE	18/06/2014	20:55	5	NNW
18/06/2014	16:20	5	SE	18/06/2014	21:00	3	ESE
18/06/2014	16:25	3	NNE	18/06/2014	21:05	7	NNW

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
18/06/2014	21:10	5	NNW	19/06/2014	01:50	2	NNW
18/06/2014	21:15	4	S	19/06/2014	01:55	2	NNE
18/06/2014	21:20	3	SE	19/06/2014	02:00	1	N
18/06/2014	21:25	3	SE	19/06/2014	02:05	0	N
18/06/2014	21:30	4	SE	19/06/2014	02:10	1	NW
18/06/2014	21:35	5	NNW	19/06/2014	02:15	2	NW
18/06/2014	21:40	4	NNE	19/06/2014	02:20	0	NW
18/06/2014	21:45	4	NNE	19/06/2014	02:25	3	SE
18/06/2014	21:50	5	SE	19/06/2014	02:30	2	SSE
18/06/2014	21:55	3	ENE	19/06/2014	02:35	2	SE
18/06/2014	22:00	4	N	19/06/2014	02:40	0	SE
18/06/2014	22:05	5	N	19/06/2014	02:45	2	SE
18/06/2014	22:10	5	NNW	19/06/2014	02:50	0	SE
18/06/2014	22:15	4	NW	19/06/2014	02:55	0	SE
18/06/2014	22:20	5	NW	19/06/2014	03:00	0	---
18/06/2014	22:25	3	SSW	19/06/2014	03:05	0	SE
18/06/2014	22:30	1	NE	19/06/2014	03:10	0	E
18/06/2014	22:35	2	NNW	19/06/2014	03:15	0	---
18/06/2014	22:40	2	N	19/06/2014	03:20	0	---
18/06/2014	22:45	2	SSE	19/06/2014	03:25	0	---
18/06/2014	22:50	4	NNE	19/06/2014	03:30	0	---
18/06/2014	22:55	2	NE	19/06/2014	03:35	0	---
18/06/2014	23:00	2	N	19/06/2014	03:40	0	---
18/06/2014	23:05	3	N	19/06/2014	03:45	0	---
18/06/2014	23:10	4	NNW	19/06/2014	03:50	2	NNE
18/06/2014	23:15	2	N	19/06/2014	03:55	3	NNE
18/06/2014	23:20	3	ESE	19/06/2014	04:00	2	NE
18/06/2014	23:25	5	NNW	19/06/2014	04:05	2	NE
18/06/2014	23:30	6	N	19/06/2014	04:10	2	NE
18/06/2014	23:35	4	SSE	19/06/2014	04:15	2	NE
18/06/2014	23:40	3	NE	19/06/2014	04:20	1	ESE
18/06/2014	23:45	3	NNW	19/06/2014	04:25	3	ESE
18/06/2014	23:50	3	ENE	19/06/2014	04:30	2	ESE
18/06/2014	23:55	4	NNW	19/06/2014	04:35	2	S
19/06/2014	00:00	5	N	19/06/2014	04:40	3	NNW
19/06/2014	00:05	4	N	19/06/2014	04:45	1	SSE
19/06/2014	00:10	3	N	19/06/2014	04:50	1	ENE
19/06/2014	00:15	6	SSE	19/06/2014	04:55	3	NNW
19/06/2014	00:20	2	W	19/06/2014	05:00	2	NE
19/06/2014	00:25	1	NE	19/06/2014	05:05	0	ENE
19/06/2014	00:30	3	NNW	19/06/2014	05:10	1	ENE
19/06/2014	00:35	3	NNW	19/06/2014	05:15	1	ENE
19/06/2014	00:40	2	N	19/06/2014	05:20	0	---
19/06/2014	00:45	0	N	19/06/2014	05:25	5	ENE
19/06/2014	00:50	0	---	19/06/2014	05:30	4	ESE
19/06/2014	00:55	0	---	19/06/2014	05:35	4	E
19/06/2014	01:00	0	---	19/06/2014	05:40	3	E
19/06/2014	01:05	0	---	19/06/2014	05:45	3	E
19/06/2014	01:10	0	---	19/06/2014	05:50	4	ESE
19/06/2014	01:15	0	---	19/06/2014	05:55	4	SE
19/06/2014	01:20	0	ESE	19/06/2014	06:00	5	ESE
19/06/2014	01:25	1	SSE	19/06/2014	06:05	4	E
19/06/2014	01:30	4	N	19/06/2014	06:10	4	E
19/06/2014	01:35	4	NNW	19/06/2014	06:15	4	ESE
19/06/2014	01:40	3	NNW	19/06/2014	06:20	3	SE
19/06/2014	01:45	2	NNW	19/06/2014	06:25	0	SE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
19/06/2014	06:30	0	---	19/06/2014	11:10	6	E
19/06/2014	06:35	0	---	19/06/2014	11:15	4	SE
19/06/2014	06:40	0	E	19/06/2014	11:20	4	ENE
19/06/2014	06:45	3	E	19/06/2014	11:25	4	E
19/06/2014	06:50	2	E	19/06/2014	11:30	3	SE
19/06/2014	06:55	3	ENE	19/06/2014	11:35	4	SSE
19/06/2014	07:00	4	ENE	19/06/2014	11:40	4	SSE
19/06/2014	07:05	2	ENE	19/06/2014	11:45	3	ENE
19/06/2014	07:10	4	SE	19/06/2014	11:50	3	NE
19/06/2014	07:15	4	E	19/06/2014	11:55	3	ESE
19/06/2014	07:20	3	SSW	19/06/2014	12:00	3	NNE
19/06/2014	07:25	4	SSE	19/06/2014	12:05	4	ESE
19/06/2014	07:30	5	S	19/06/2014	12:10	6	SSE
19/06/2014	07:35	4	ESE	19/06/2014	12:15	4	SE
19/06/2014	07:40	6	SE	19/06/2014	12:20	5	SE
19/06/2014	07:45	4	SE	19/06/2014	12:25	5	SSE
19/06/2014	07:50	5	E	19/06/2014	12:30	5	SE
19/06/2014	07:55	5	ESE	19/06/2014	12:35	4	SE
19/06/2014	08:00	4	E	19/06/2014	12:40	5	E
19/06/2014	08:05	6	NE	19/06/2014	12:45	3	S
19/06/2014	08:10	4	SE	19/06/2014	12:50	3	ESE
19/06/2014	08:15	3	ENE	19/06/2014	12:55	3	SE
19/06/2014	08:20	5	SE	19/06/2014	13:00	4	N
19/06/2014	08:25	4	ENE	19/06/2014	13:05	3	NNE
19/06/2014	08:30	5	NE	19/06/2014	13:10	3	SE
19/06/2014	08:35	3	E	19/06/2014	13:15	4	NNE
19/06/2014	08:40	4	NE	19/06/2014	13:20	4	SE
19/06/2014	08:45	5	NE	19/06/2014	13:25	4	ESE
19/06/2014	08:50	4	SE	19/06/2014	13:30	4	SSE
19/06/2014	08:55	3	NE	19/06/2014	13:35	5	E
19/06/2014	09:00	5	ENE	19/06/2014	13:40	3	WNW
19/06/2014	09:05	6	ESE	19/06/2014	13:45	4	ENE
19/06/2014	09:10	4	ESE	19/06/2014	13:50	4	ESE
19/06/2014	09:15	6	NE	19/06/2014	13:55	5	E
19/06/2014	09:20	6	NNE	19/06/2014	14:00	3	ENE
19/06/2014	09:25	7	N	19/06/2014	14:05	4	SSE
19/06/2014	09:30	7	N	19/06/2014	14:10	5	SE
19/06/2014	09:35	7	NW	19/06/2014	14:15	5	SSE
19/06/2014	09:40	8	N	19/06/2014	14:20	4	SE
19/06/2014	09:45	8	N	19/06/2014	14:25	3	ENE
19/06/2014	09:50	4	ENE	19/06/2014	14:30	4	SE
19/06/2014	09:55	5	N	19/06/2014	14:35	5	ENE
19/06/2014	10:00	5	SSE	19/06/2014	14:40	4	E
19/06/2014	10:05	5	NE	19/06/2014	14:45	4	S
19/06/2014	10:10	4	NNE	19/06/2014	14:50	3	ESE
19/06/2014	10:15	4	NE	19/06/2014	14:55	2	SE
19/06/2014	10:20	5	ENE	19/06/2014	15:00	3	E
19/06/2014	10:25	6	NNW	19/06/2014	15:05	4	NE
19/06/2014	10:30	6	SE	19/06/2014	15:10	4	NNE
19/06/2014	10:35	4	ENE	19/06/2014	15:15	4	NNE
19/06/2014	10:40	5	ENE	19/06/2014	15:20	3	ESE
19/06/2014	10:45	7	ESE	19/06/2014	15:25	4	ESE
19/06/2014	10:50	4	SSE	19/06/2014	15:30	3	SE
19/06/2014	10:55	3	SE	19/06/2014	15:35	3	E
19/06/2014	11:00	4	NE	19/06/2014	15:40	3	NE
19/06/2014	11:05	6	ESE	19/06/2014	15:45	5	NNW

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
19/06/2014	15:50	4	SE
19/06/2014	15:55	4	ENE
19/06/2014	16:00	3	E
19/06/2014	16:05	2	E
19/06/2014	16:10	4	SSE
19/06/2014	16:15	2	NNE
19/06/2014	16:20	3	E
19/06/2014	16:25	4	NNW
19/06/2014	16:30	2	N
19/06/2014	16:35	3	ESE
19/06/2014	16:40	3	SSE
19/06/2014	16:45	2	ENE
19/06/2014	16:50	3	ESE
19/06/2014	16:55	3	SE
19/06/2014	17:00	2	ENE
19/06/2014	17:05	5	NW
19/06/2014	17:10	5	NW
19/06/2014	17:15	3	S
19/06/2014	17:20	4	NNE
19/06/2014	17:25	6	NNW
19/06/2014	17:30	7	NNW
19/06/2014	17:35	3	E
19/06/2014	17:40	5	SE
19/06/2014	17:45	4	E
19/06/2014	17:50	4	NE
19/06/2014	17:55	4	SSE
19/06/2014	18:00	4	NE
19/06/2014	18:05	4	N
19/06/2014	18:10	3	NNE
19/06/2014	18:15	4	SE
19/06/2014	18:20	8	NW
19/06/2014	18:25	8	NNW
19/06/2014	18:30	3	ENE
19/06/2014	18:35	5	NNE
19/06/2014	18:40	4	NNE
19/06/2014	18:45	2	NNE
19/06/2014	18:50	3	E
19/06/2014	18:55	4	ENE
19/06/2014	19:00	5	N
19/06/2014	19:05	5	ESE
19/06/2014	19:10	3	ESE
19/06/2014	19:15	5	NE
19/06/2014	19:20	5	E
19/06/2014	19:25	6	S
19/06/2014	19:30	3	NE
19/06/2014	19:35	2	S
19/06/2014	19:40	5	ENE
19/06/2014	19:45	6	NE
19/06/2014	19:50	5	NNW
19/06/2014	19:55	5	ENE
19/06/2014	20:00	4	NNW
19/06/2014	20:05	5	N
19/06/2014	20:10	4	NE
19/06/2014	20:15	4	E
19/06/2014	20:20	5	NNE
19/06/2014	20:25	6	NNW
19/06/2014	20:30	5	NW
19/06/2014	20:35	4	SSE
19/06/2014	20:40	6	NE
19/06/2014	20:45	4	E
19/06/2014	20:50	4	SE
19/06/2014	20:55	4	E
19/06/2014	21:00	3	SE
19/06/2014	21:05	4	NNE
19/06/2014	21:10	5	NNE
19/06/2014	21:15	4	SE
19/06/2014	21:20	4	E
19/06/2014	21:25	5	SE
19/06/2014	21:30	5	SE
19/06/2014	21:35	4	NE
19/06/2014	21:40	4	SSE
19/06/2014	21:45	4	ESE
19/06/2014	21:50	4	E
19/06/2014	21:55	4	E
19/06/2014	22:00	4	NE
19/06/2014	22:05	4	ESE
19/06/2014	22:10	5	ENE
19/06/2014	22:15	7	SSE
19/06/2014	22:20	3	N
19/06/2014	22:25	6	SE
19/06/2014	22:30	6	SSE
19/06/2014	22:35	4	E
19/06/2014	22:40	5	ESE
19/06/2014	22:45	5	SSE
19/06/2014	22:50	4	SSE
19/06/2014	22:55	5	N
19/06/2014	23:00	4	NE
19/06/2014	23:05	5	NNE
19/06/2014	23:10	6	NE
19/06/2014	23:15	4	NE
19/06/2014	23:20	5	SSE
19/06/2014	23:25	6	N
19/06/2014	23:30	5	NE
19/06/2014	23:35	4	ENE
19/06/2014	23:40	5	ENE
19/06/2014	23:45	4	NE
19/06/2014	23:50	4	N
19/06/2014	23:55	4	SSE
20/06/2014	00:00	4	SE
20/06/2014	00:05	5	N
20/06/2014	00:10	4	NNE
20/06/2014	00:15	5	NE
20/06/2014	00:20	4	N
20/06/2014	00:25	4	N
20/06/2014	00:30	5	NNW
20/06/2014	00:35	3	NE
20/06/2014	00:40	4	SSE
20/06/2014	00:45	5	ESE
20/06/2014	00:50	3	ESE
20/06/2014	00:55	6	NE
20/06/2014	01:00	6	E
20/06/2014	01:05	5	ENE

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

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

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
20/06/2014	10:30	5	NNW	20/06/2014	15:10	3	ESE
20/06/2014	10:35	4	NNW	20/06/2014	15:15	2	S
20/06/2014	10:40	4	WNW	20/06/2014	15:20	5	SE
20/06/2014	10:45	4	NNE	20/06/2014	15:25	4	SE
20/06/2014	10:50	4	N	20/06/2014	15:30	2	NE
20/06/2014	10:55	5	NW	20/06/2014	15:35	4	ENE
20/06/2014	11:00	3	N	20/06/2014	15:40	4	SE
20/06/2014	11:05	3	NNW	20/06/2014	15:45	5	E
20/06/2014	11:10	4	NNW	20/06/2014	15:50	6	E
20/06/2014	11:15	3	N	20/06/2014	15:55	5	SE
20/06/2014	11:20	2	NNE	20/06/2014	16:00	6	SE
20/06/2014	11:25	3	NE	20/06/2014	16:05	5	SE
20/06/2014	11:30	3	NNW	20/06/2014	16:10	6	SE
20/06/2014	11:35	4	NNW	20/06/2014	16:15	5	ESE
20/06/2014	11:40	4	N	20/06/2014	16:20	7	SE
20/06/2014	11:45	4	WNW	20/06/2014	16:25	4	SE
20/06/2014	11:50	4	N	20/06/2014	16:30	6	ESE
20/06/2014	11:55	3	NNE	20/06/2014	16:35	6	ESE
20/06/2014	12:00	3	ENE	20/06/2014	16:40	3	ESE
20/06/2014	12:05	4	N	20/06/2014	16:45	2	ESE
20/06/2014	12:10	3	ENE	20/06/2014	16:50	3	ENE
20/06/2014	12:15	3	NE	20/06/2014	16:55	6	SE
20/06/2014	12:20	4	SE	20/06/2014	17:00	5	SE
20/06/2014	12:25	3	SE	20/06/2014	17:05	4	ESE
20/06/2014	12:30	4	SE	20/06/2014	17:10	3	E
20/06/2014	12:35	2	ESE	20/06/2014	17:15	3	ENE
20/06/2014	12:40	3	ESE	20/06/2014	17:20	4	N
20/06/2014	12:45	4	SE	20/06/2014	17:25	3	NNE
20/06/2014	12:50	3	E	20/06/2014	17:30	6	N
20/06/2014	12:55	5	ENE	20/06/2014	17:35	4	SE
20/06/2014	13:00	4	N	20/06/2014	17:40	2	ESE
20/06/2014	13:05	5	NNE	20/06/2014	17:45	5	ESE
20/06/2014	13:10	4	E	20/06/2014	17:50	5	ESE
20/06/2014	13:15	5	NE	20/06/2014	17:55	4	ESE
20/06/2014	13:20	5	N	20/06/2014	18:00	4	ENE
20/06/2014	13:25	3	E	20/06/2014	18:05	4	E
20/06/2014	13:30	3	SSE	20/06/2014	18:10	4	ESE
20/06/2014	13:35	6	NW	20/06/2014	18:15	3	SE
20/06/2014	13:40	5	NNW	20/06/2014	18:20	4	E
20/06/2014	13:45	4	N	20/06/2014	18:25	3	ESE
20/06/2014	13:50	4	NNW	20/06/2014	18:30	4	E
20/06/2014	13:55	4	SSE	20/06/2014	18:35	3	SSE
20/06/2014	14:00	5	SSE	20/06/2014	18:40	5	ENE
20/06/2014	14:05	4	S	20/06/2014	18:45	5	SE
20/06/2014	14:10	3	ENE	20/06/2014	18:50	5	SSE
20/06/2014	14:15	4	E	20/06/2014	18:55	4	SE
20/06/2014	14:20	4	E	20/06/2014	19:00	3	NE
20/06/2014	14:25	3	E	20/06/2014	19:05	3	SE
20/06/2014	14:30	4	ESE	20/06/2014	19:10	4	ESE
20/06/2014	14:35	4	E	20/06/2014	19:15	3	ESE
20/06/2014	14:40	4	SE	20/06/2014	19:20	4	ESE
20/06/2014	14:45	4	SE	20/06/2014	19:25	5	SE
20/06/2014	14:50	4	SSE	20/06/2014	19:30	6	E
20/06/2014	14:55	2	SE	20/06/2014	19:35	5	SE
20/06/2014	15:00	2	SE	20/06/2014	19:40	4	SSE
20/06/2014	15:05	4	ENE	20/06/2014	19:45	6	E

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
20/06/2014	19:50	3	SE	21/06/2014	00:30	5	ESE
20/06/2014	19:55	4	SE	21/06/2014	00:35	2	ESE
20/06/2014	20:00	5	SE	21/06/2014	00:40	4	ENE
20/06/2014	20:05	4	SSE	21/06/2014	00:45	5	SE
20/06/2014	20:10	4	ESE	21/06/2014	00:50	3	E
20/06/2014	20:15	3	E	21/06/2014	00:55	4	SE
20/06/2014	20:20	3	ENE	21/06/2014	01:00	4	ESE
20/06/2014	20:25	3	ENE	21/06/2014	01:05	5	SE
20/06/2014	20:30	5	N	21/06/2014	01:10	4	S
20/06/2014	20:35	8	N	21/06/2014	01:15	3	ESE
20/06/2014	20:40	4	WNW	21/06/2014	01:20	6	SE
20/06/2014	20:45	6	NNW	21/06/2014	01:25	4	SE
20/06/2014	20:50	3	S	21/06/2014	01:30	4	E
20/06/2014	20:55	5	E	21/06/2014	01:35	4	SE
20/06/2014	21:00	5	SSE	21/06/2014	01:40	4	ESE
20/06/2014	21:05	7	E	21/06/2014	01:45	6	SE
20/06/2014	21:10	6	ESE	21/06/2014	01:50	7	SE
20/06/2014	21:15	8	N	21/06/2014	01:55	6	NNW
20/06/2014	21:20	6	SE	21/06/2014	02:00	5	S
20/06/2014	21:25	6	SSE	21/06/2014	02:05	4	SE
20/06/2014	21:30	7	SE	21/06/2014	02:10	5	ENE
20/06/2014	21:35	4	E	21/06/2014	02:15	3	SSE
20/06/2014	21:40	5	E	21/06/2014	02:20	4	ENE
20/06/2014	21:45	7	SE	21/06/2014	02:25	5	NNW
20/06/2014	21:50	5	ESE	21/06/2014	02:30	5	SSE
20/06/2014	21:55	5	E	21/06/2014	02:35	2	SSE
20/06/2014	22:00	5	SE	21/06/2014	02:40	4	E
20/06/2014	22:05	5	ESE	21/06/2014	02:45	4	ESE
20/06/2014	22:10	3	E	21/06/2014	02:50	6	N
20/06/2014	22:15	7	NNW	21/06/2014	02:55	6	SSE
20/06/2014	22:20	7	ESE	21/06/2014	03:00	5	E
20/06/2014	22:25	3	E	21/06/2014	03:05	4	SE
20/06/2014	22:30	6	SSE	21/06/2014	03:10	3	NNE
20/06/2014	22:35	6	SE	21/06/2014	03:15	3	ENE
20/06/2014	22:40	6	E	21/06/2014	03:20	3	E
20/06/2014	22:45	5	SSE	21/06/2014	03:25	3	SE
20/06/2014	22:50	5	SSE	21/06/2014	03:30	2	ENE
20/06/2014	22:55	4	E	21/06/2014	03:35	4	NW
20/06/2014	23:00	6	SE	21/06/2014	03:40	5	NNW
20/06/2014	23:05	6	SSE	21/06/2014	03:45	3	N
20/06/2014	23:10	5	SE	21/06/2014	03:50	5	N
20/06/2014	23:15	4	SE	21/06/2014	03:55	4	NNW
20/06/2014	23:20	8	SSE	21/06/2014	04:00	5	NNW
20/06/2014	23:25	6	SE	21/06/2014	04:05	7	N
20/06/2014	23:30	6	SE	21/06/2014	04:10	7	WNW
20/06/2014	23:35	5	E	21/06/2014	04:15	5	WNW
20/06/2014	23:40	6	SE	21/06/2014	04:20	3	NW
20/06/2014	23:45	5	ENE	21/06/2014	04:25	3	WNW
20/06/2014	23:50	5	ESE	21/06/2014	04:30	3	N
20/06/2014	23:55	5	ESE	21/06/2014	04:35	1	NNE
21/06/2014	00:00	4	E	21/06/2014	04:40	1	ENE
21/06/2014	00:05	3	S	21/06/2014	04:45	2	NW
21/06/2014	00:10	2	ENE	21/06/2014	04:50	3	NNE
21/06/2014	00:15	4	SSE	21/06/2014	04:55	3	N
21/06/2014	00:20	3	SE	21/06/2014	05:00	1	N
21/06/2014	00:25	4	E	21/06/2014	05:05	0	N

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
21/06/2014	05:10	1	SSE	21/06/2014	09:50	5	ENE
21/06/2014	05:15	1	SSE	21/06/2014	09:55	4	SE
21/06/2014	05:20	1	SW	21/06/2014	10:00	3	SE
21/06/2014	05:25	4	NNW	21/06/2014	10:05	2	NE
21/06/2014	05:30	3	NW	21/06/2014	10:10	3	N
21/06/2014	05:35	0	NNW	21/06/2014	10:15	3	N
21/06/2014	05:40	0	---	21/06/2014	10:20	2	ESE
21/06/2014	05:45	0	---	21/06/2014	10:25	3	NNE
21/06/2014	05:50	0	N	21/06/2014	10:30	4	N
21/06/2014	05:55	1	NE	21/06/2014	10:35	4	N
21/06/2014	06:00	2	WNW	21/06/2014	10:40	3	NNE
21/06/2014	06:05	2	S	21/06/2014	10:45	3	ESE
21/06/2014	06:10	2	E	21/06/2014	10:50	5	ESE
21/06/2014	06:15	3	SSE	21/06/2014	10:55	3	ENE
21/06/2014	06:20	0	SSW	21/06/2014	11:00	4	E
21/06/2014	06:25	0	---	21/06/2014	11:05	5	ESE
21/06/2014	06:30	1	SSW	21/06/2014	11:10	4	E
21/06/2014	06:35	2	NNW	21/06/2014	11:15	4	SE
21/06/2014	06:40	2	ESE	21/06/2014	11:20	2	ENE
21/06/2014	06:45	3	NNE	21/06/2014	11:25	3	E
21/06/2014	06:50	2	NW	21/06/2014	11:30	5	ESE
21/06/2014	06:55	0	ENE	21/06/2014	11:35	2	ENE
21/06/2014	07:00	0	ESE	21/06/2014	11:40	3	ESE
21/06/2014	07:05	0	---	21/06/2014	11:45	3	ENE
21/06/2014	07:10	1	ESE	21/06/2014	11:50	5	ENE
21/06/2014	07:15	2	ESE	21/06/2014	11:55	2	E
21/06/2014	07:20	1	S	21/06/2014	12:00	4	ENE
21/06/2014	07:25	1	S	21/06/2014	12:05	4	ENE
21/06/2014	07:30	0	S	21/06/2014	12:10	3	ESE
21/06/2014	07:35	2	SE	21/06/2014	12:15	2	NE
21/06/2014	07:40	5	ESE	21/06/2014	12:20	4	NNW
21/06/2014	07:45	5	SE	21/06/2014	12:25	3	ESE
21/06/2014	07:50	2	SE	21/06/2014	12:30	3	E
21/06/2014	07:55	1	SE	21/06/2014	12:35	4	ENE
21/06/2014	08:00	0	SW	21/06/2014	12:40	5	NNE
21/06/2014	08:05	3	NE	21/06/2014	12:45	4	ENE
21/06/2014	08:10	1	NE	21/06/2014	12:50	4	N
21/06/2014	08:15	1	E	21/06/2014	12:55	4	NNW
21/06/2014	08:20	0	ENE	21/06/2014	13:00	3	N
21/06/2014	08:25	0	---	21/06/2014	13:05	3	NE
21/06/2014	08:30	1	ENE	21/06/2014	13:10	2	ESE
21/06/2014	08:35	1	SE	21/06/2014	13:15	3	E
21/06/2014	08:40	1	ESE	21/06/2014	13:20	2	ESE
21/06/2014	08:45	4	ESE	21/06/2014	13:25	4	SSE
21/06/2014	08:50	4	ESE	21/06/2014	13:30	6	NW
21/06/2014	08:55	3	ESE	21/06/2014	13:35	4	SE
21/06/2014	09:00	2	ENE	21/06/2014	13:40	3	SSE
21/06/2014	09:05	4	ESE	21/06/2014	13:45	2	ESE
21/06/2014	09:10	3	ESE	21/06/2014	13:50	3	NNW
21/06/2014	09:15	2	ENE	21/06/2014	13:55	4	NNW
21/06/2014	09:20	3	ESE	21/06/2014	14:00	6	NW
21/06/2014	09:25	3	ESE	21/06/2014	14:05	4	SSE
21/06/2014	09:30	2	E	21/06/2014	14:10	5	WNW
21/06/2014	09:35	2	E	21/06/2014	14:15	5	NW
21/06/2014	09:40	2	NE	21/06/2014	14:20	2	SE
21/06/2014	09:45	2	NE	21/06/2014	14:25	2	SE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
21/06/2014	14:30	5	WNW	21/06/2014	19:10	1	N
21/06/2014	14:35	3	NW	21/06/2014	19:15	2	NE
21/06/2014	14:40	2	NNW	21/06/2014	19:20	0	NE
21/06/2014	14:45	4	S	21/06/2014	19:25	3	N
21/06/2014	14:50	2	ENE	21/06/2014	19:30	1	N
21/06/2014	14:55	4	SSE	21/06/2014	19:35	4	NNW
21/06/2014	15:00	3	NW	21/06/2014	19:40	3	N
21/06/2014	15:05	4	SSE	21/06/2014	19:45	1	N
21/06/2014	15:10	5	SSE	21/06/2014	19:50	3	NW
21/06/2014	15:15	2	WNW	21/06/2014	19:55	1	NW
21/06/2014	15:20	3	NE	21/06/2014	20:00	1	SSE
21/06/2014	15:25	4	E	21/06/2014	20:05	2	SE
21/06/2014	15:30	3	SE	21/06/2014	20:10	2	SE
21/06/2014	15:35	4	E	21/06/2014	20:15	2	SE
21/06/2014	15:40	5	SSE	21/06/2014	20:20	3	ESE
21/06/2014	15:45	5	SSE	21/06/2014	20:25	1	SSE
21/06/2014	15:50	5	SSE	21/06/2014	20:30	0	SSE
21/06/2014	15:55	7	SSE	21/06/2014	20:35	0	---
21/06/2014	16:00	4	SSE	21/06/2014	20:40	0	SE
21/06/2014	16:05	5	ESE	21/06/2014	20:45	4	SE
21/06/2014	16:10	4	N	21/06/2014	20:50	4	SE
21/06/2014	16:15	4	ESE	21/06/2014	20:55	1	SE
21/06/2014	16:20	1	S	21/06/2014	21:00	0	---
21/06/2014	16:25	4	NNW	21/06/2014	21:05	2	WNW
21/06/2014	16:30	2	NE	21/06/2014	21:10	0	NW
21/06/2014	16:35	2	ENE	21/06/2014	21:15	0	---
21/06/2014	16:40	1	SSE	21/06/2014	21:20	3	SE
21/06/2014	16:45	1	NNW	21/06/2014	21:25	4	SE
21/06/2014	16:50	2	NNE	21/06/2014	21:30	2	S
21/06/2014	16:55	3	ENE	21/06/2014	21:35	2	SSW
21/06/2014	17:00	3	ENE	21/06/2014	21:40	1	WNW
21/06/2014	17:05	3	ESE	21/06/2014	21:45	2	WNW
21/06/2014	17:10	3	SSE	21/06/2014	21:50	2	NNW
21/06/2014	17:15	1	W	21/06/2014	21:55	3	NW
21/06/2014	17:20	3	ENE	21/06/2014	22:00	2	NNW
21/06/2014	17:25	5	NNW	21/06/2014	22:05	0	NW
21/06/2014	17:30	6	NNW	21/06/2014	22:10	0	---
21/06/2014	17:35	5	NNW	21/06/2014	22:15	1	NW
21/06/2014	17:40	6	N	21/06/2014	22:20	2	N
21/06/2014	17:45	5	NNE	21/06/2014	22:25	4	NNE
21/06/2014	17:50	3	NE	21/06/2014	22:30	5	NE
21/06/2014	17:55	2	ENE	21/06/2014	22:35	1	NNW
21/06/2014	18:00	1	ESE	21/06/2014	22:40	2	SSW
21/06/2014	18:05	1	NNW	21/06/2014	22:45	1	SE
21/06/2014	18:10	9	NNW	21/06/2014	22:50	1	SSE
21/06/2014	18:15	6	NNW	21/06/2014	22:55	0	---
21/06/2014	18:20	5	N	21/06/2014	23:00	2	SSE
21/06/2014	18:25	1	N	21/06/2014	23:05	2	SSE
21/06/2014	18:30	2	SSE	21/06/2014	23:10	0	S
21/06/2014	18:35	1	SSE	21/06/2014	23:15	1	NW
21/06/2014	18:40	3	NW	21/06/2014	23:20	1	NNW
21/06/2014	18:45	4	NNW	21/06/2014	23:25	2	S
21/06/2014	18:50	6	N	21/06/2014	23:30	4	NW
21/06/2014	18:55	6	NNW	21/06/2014	23:35	0	NNW
21/06/2014	19:00	4	NNW	21/06/2014	23:40	0	---
21/06/2014	19:05	3	NNW	21/06/2014	23:45	3	SE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
21/06/2014	23:50	3	SSE	22/06/2014	04:30	0	NW
21/06/2014	23:55	5	ESE	22/06/2014	04:35	2	SE
22/06/2014	00:00	3	E	22/06/2014	04:40	1	SE
22/06/2014	00:05	3	SE	22/06/2014	04:45	0	SE
22/06/2014	00:10	3	SE	22/06/2014	04:50	0	SE
22/06/2014	00:15	3	SSE	22/06/2014	04:55	1	S
22/06/2014	00:20	4	SSE	22/06/2014	05:00	0	---
22/06/2014	00:25	6	SSE	22/06/2014	05:05	0	---
22/06/2014	00:30	2	S	22/06/2014	05:10	0	NW
22/06/2014	00:35	2	S	22/06/2014	05:15	3	WNW
22/06/2014	00:40	5	NNE	22/06/2014	05:20	2	NNW
22/06/2014	00:45	2	SSW	22/06/2014	05:25	2	NW
22/06/2014	00:50	1	E	22/06/2014	05:30	1	NW
22/06/2014	00:55	1	ENE	22/06/2014	05:35	0	NW
22/06/2014	01:00	2	NNE	22/06/2014	05:40	0	---
22/06/2014	01:05	1	N	22/06/2014	05:45	1	NW
22/06/2014	01:10	1	W	22/06/2014	05:50	0	NW
22/06/2014	01:15	1	W	22/06/2014	05:55	0	---
22/06/2014	01:20	1	SSE	22/06/2014	06:00	0	---
22/06/2014	01:25	0	---	22/06/2014	06:05	0	---
22/06/2014	01:30	0	---	22/06/2014	06:10	0	---
22/06/2014	01:35	0	---	22/06/2014	06:15	1	NW
22/06/2014	01:40	2	WNW	22/06/2014	06:20	1	SSE
22/06/2014	01:45	1	NE	22/06/2014	06:25	0	SSE
22/06/2014	01:50	0	---	22/06/2014	06:30	2	WNW
22/06/2014	01:55	0	---	22/06/2014	06:35	4	NNW
22/06/2014	02:00	0	---	22/06/2014	06:40	1	N
22/06/2014	02:05	1	NW	22/06/2014	06:45	1	NE
22/06/2014	02:10	1	NW	22/06/2014	06:50	2	NE
22/06/2014	02:15	2	SSE	22/06/2014	06:55	3	S
22/06/2014	02:20	0	SSE	22/06/2014	07:00	3	S
22/06/2014	02:25	2	SSE	22/06/2014	07:05	1	S
22/06/2014	02:30	3	SE	22/06/2014	07:10	1	S
22/06/2014	02:35	5	ESE	22/06/2014	07:15	2	S
22/06/2014	02:40	1	E	22/06/2014	07:20	1	SSE
22/06/2014	02:45	4	SE	22/06/2014	07:25	0	E
22/06/2014	02:50	7	SE	22/06/2014	07:30	2	ENE
22/06/2014	02:55	5	SE	22/06/2014	07:35	1	NNE
22/06/2014	03:00	5	SE	22/06/2014	07:40	2	N
22/06/2014	03:05	4	ESE	22/06/2014	07:45	3	WNW
22/06/2014	03:10	3	SE	22/06/2014	07:50	2	NW
22/06/2014	03:15	5	SE	22/06/2014	07:55	0	N
22/06/2014	03:20	4	SE	22/06/2014	08:00	0	---
22/06/2014	03:25	1	SE	22/06/2014	08:05	0	SSE
22/06/2014	03:30	1	SE	22/06/2014	08:10	1	S
22/06/2014	03:35	3	WNW	22/06/2014	08:15	0	S
22/06/2014	03:40	4	WNW	22/06/2014	08:20	1	NNE
22/06/2014	03:45	2	NW	22/06/2014	08:25	1	NE
22/06/2014	03:50	0	NW	22/06/2014	08:30	1	NW
22/06/2014	03:55	0	---	22/06/2014	08:35	0	---
22/06/2014	04:00	0	---	22/06/2014	08:40	0	SSE
22/06/2014	04:05	0	---	22/06/2014	08:45	2	SSE
22/06/2014	04:10	1	NW	22/06/2014	08:50	1	SE
22/06/2014	04:15	1	NW	22/06/2014	08:55	2	SE
22/06/2014	04:20	0	NW	22/06/2014	09:00	0	SE
22/06/2014	04:25	0	NW	22/06/2014	09:05	0	---

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
22/06/2014	09:10	0	---	22/06/2014	13:50	3	NNE
22/06/2014	09:15	0	---	22/06/2014	13:55	2	NNE
22/06/2014	09:20	0	---	22/06/2014	14:00	2	E
22/06/2014	09:25	0	---	22/06/2014	14:05	1	E
22/06/2014	09:30	0	---	22/06/2014	14:10	1	E
22/06/2014	09:35	0	---	22/06/2014	14:15	1	E
22/06/2014	09:40	0	---	22/06/2014	14:20	1	E
22/06/2014	09:45	0	---	22/06/2014	14:25	1	E
22/06/2014	09:50	4	NNW	22/06/2014	14:30	0	E
22/06/2014	09:55	5	NNW	22/06/2014	14:35	0	E
22/06/2014	10:00	2	NNE	22/06/2014	14:40	0	SSE
22/06/2014	10:05	1	NE	22/06/2014	14:45	1	ESE
22/06/2014	10:10	2	NNW	22/06/2014	14:50	1	ESE
22/06/2014	10:15	1	NW	22/06/2014	14:55	1	ESE
22/06/2014	10:20	0	WNW	22/06/2014	15:00	2	SE
22/06/2014	10:25	1	WNW	22/06/2014	15:05	2	SSE
22/06/2014	10:30	2	WNW	22/06/2014	15:10	2	SSE
22/06/2014	10:35	2	NW	22/06/2014	15:15	2	SE
22/06/2014	10:40	4	NNW	22/06/2014	15:20	2	SSE
22/06/2014	10:45	3	N	22/06/2014	15:25	1	SSE
22/06/2014	10:50	0	N	22/06/2014	15:30	1	SSW
22/06/2014	10:55	0	---	22/06/2014	15:35	1	SSE
22/06/2014	11:00	0	---	22/06/2014	15:40	0	SSE
22/06/2014	11:05	1	SSE	22/06/2014	15:45	1	SSE
22/06/2014	11:10	1	SE	22/06/2014	15:50	2	S
22/06/2014	11:15	1	SE	22/06/2014	15:55	2	S
22/06/2014	11:20	1	SE	22/06/2014	16:00	1	SSW
22/06/2014	11:25	4	SE	22/06/2014	16:05	2	SSE
22/06/2014	11:30	4	SE	22/06/2014	16:10	3	SSE
22/06/2014	11:35	4	SSE	22/06/2014	16:15	3	SE
22/06/2014	11:40	3	SE	22/06/2014	16:20	3	SSE
22/06/2014	11:45	4	SE	22/06/2014	16:25	3	SSE
22/06/2014	11:50	3	ESE	22/06/2014	16:30	2	SSE
22/06/2014	11:55	3	SE	22/06/2014	16:35	2	SSE
22/06/2014	12:00	2	ESE	22/06/2014	16:40	1	SSE
22/06/2014	12:05	3	E	22/06/2014	16:45	0	SSE
22/06/2014	12:10	2	ESE	22/06/2014	16:50	0	---
22/06/2014	12:15	1	ESE	22/06/2014	16:55	2	WNW
22/06/2014	12:20	2	SE	22/06/2014	17:00	1	WNW
22/06/2014	12:25	3	SSE	22/06/2014	17:05	0	---
22/06/2014	12:30	4	SSE	22/06/2014	17:10	0	WNW
22/06/2014	12:35	4	SE	22/06/2014	17:15	0	---
22/06/2014	12:40	5	SE	22/06/2014	17:20	0	---
22/06/2014	12:45	5	SE	22/06/2014	17:25	1	WNW
22/06/2014	12:50	5	SE	22/06/2014	17:30	2	WNW
22/06/2014	12:55	4	SE	22/06/2014	17:35	4	NW
22/06/2014	13:00	2	ESE	22/06/2014	17:40	5	NW
22/06/2014	13:05	2	ESE	22/06/2014	17:45	5	NW
22/06/2014	13:10	1	ESE	22/06/2014	17:50	4	WNW
22/06/2014	13:15	2	ESE	22/06/2014	17:55	3	WNW
22/06/2014	13:20	3	N	22/06/2014	18:00	2	WNW
22/06/2014	13:25	3	NNW	22/06/2014	18:05	5	NW
22/06/2014	13:30	5	NNW	22/06/2014	18:10	4	WNW
22/06/2014	13:35	4	NNE	22/06/2014	18:15	4	NW
22/06/2014	13:40	3	N	22/06/2014	18:20	2	WNW
22/06/2014	13:45	3	N	22/06/2014	18:25	1	SW

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
22/06/2014	18:30	2	W	22/06/2014	23:10	0	WNW
22/06/2014	18:35	1	W	22/06/2014	23:15	0	---
22/06/2014	18:40	0	W	22/06/2014	23:20	0	---
22/06/2014	18:45	0	---	22/06/2014	23:25	0	---
22/06/2014	18:50	1	SSW	22/06/2014	23:30	0	---
22/06/2014	18:55	2	SSW	22/06/2014	23:35	1	SE
22/06/2014	19:00	1	SSW	22/06/2014	23:40	2	SE
22/06/2014	19:05	0	---	22/06/2014	23:45	1	NE
22/06/2014	19:10	0	W	22/06/2014	23:50	1	NNW
22/06/2014	19:15	3	WNW	22/06/2014	23:55	4	SSE
22/06/2014	19:20	1	NNW	23/06/2014	00:00	4	SSE
22/06/2014	19:25	1	SSW	23/06/2014	00:05	5	SSE
22/06/2014	19:30	1	SSW	23/06/2014	00:10	4	SSE
22/06/2014	19:35	2	NW	23/06/2014	00:15	4	SSE
22/06/2014	19:40	0	NW	23/06/2014	00:20	5	SSE
22/06/2014	19:45	0	NW	23/06/2014	00:25	2	SW
22/06/2014	19:50	0	NW	23/06/2014	00:30	4	SSE
22/06/2014	19:55	0	NW	23/06/2014	00:35	4	SE
22/06/2014	20:00	0	---	23/06/2014	00:40	3	SSE
22/06/2014	20:05	0	---	23/06/2014	00:45	2	SE
22/06/2014	20:10	0	---	23/06/2014	00:50	1	NNE
22/06/2014	20:15	0	---	23/06/2014	00:55	0	---
22/06/2014	20:20	0	---	23/06/2014	01:00	0	S
22/06/2014	20:25	0	---	23/06/2014	01:05	1	SSE
22/06/2014	20:30	0	---	23/06/2014	01:10	1	S
22/06/2014	20:35	0	---	23/06/2014	01:15	3	SSE
22/06/2014	20:40	0	---	23/06/2014	01:20	6	SE
22/06/2014	20:45	0	---	23/06/2014	01:25	6	SSE
22/06/2014	20:50	0	---	23/06/2014	01:30	6	SE
22/06/2014	20:55	1	NW	23/06/2014	01:35	7	SE
22/06/2014	21:00	2	NW	23/06/2014	01:40	8	SE
22/06/2014	21:05	3	WNW	23/06/2014	01:45	6	ESE
22/06/2014	21:10	3	WNW	23/06/2014	01:50	4	ESE
22/06/2014	21:15	1	WNW	23/06/2014	01:55	3	ESE
22/06/2014	21:20	2	S	23/06/2014	02:00	7	NNW
22/06/2014	21:25	1	SSW	23/06/2014	02:05	6	NNW
22/06/2014	21:30	0	SSW	23/06/2014	02:10	6	NW
22/06/2014	21:35	0	SSW	23/06/2014	02:15	4	SSE
22/06/2014	21:40	0	---	23/06/2014	02:20	2	S
22/06/2014	21:45	0	---	23/06/2014	02:25	3	SE
22/06/2014	21:50	0	---	23/06/2014	02:30	2	WSW
22/06/2014	21:55	0	---	23/06/2014	02:35	2	NW
22/06/2014	22:00	0	---	23/06/2014	02:40	1	NW
22/06/2014	22:05	0	---	23/06/2014	02:45	3	WNW
22/06/2014	22:10	1	NW	23/06/2014	02:50	2	NW
22/06/2014	22:15	3	NW	23/06/2014	02:55	1	WNW
22/06/2014	22:20	2	NW	23/06/2014	03:00	0	SSE
22/06/2014	22:25	1	WNW	23/06/2014	03:05	1	SSE
22/06/2014	22:30	1	SSE	23/06/2014	03:10	0	SE
22/06/2014	22:35	0	---	23/06/2014	03:15	0	---
22/06/2014	22:40	0	---	23/06/2014	03:20	1	SSE
22/06/2014	22:45	0	---	23/06/2014	03:25	3	SE
22/06/2014	22:50	0	---	23/06/2014	03:30	1	SSE
22/06/2014	22:55	0	---	23/06/2014	03:35	1	SE
22/06/2014	23:00	0	WNW	23/06/2014	03:40	2	S
22/06/2014	23:05	0	WNW	23/06/2014	03:45	1	SSE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
23/06/2014	03:50	1	SE	23/06/2014	17:20	2	E
23/06/2014	03:55	1	SE	23/06/2014	17:25	2	E
23/06/2014	04:00	1	ESE	23/06/2014	17:30	3	SE
23/06/2014	04:05	1	SW	23/06/2014	17:35	2	ESE
23/06/2014	04:10	0	W	23/06/2014	17:40	1	W
23/06/2014	04:15	0	SE	23/06/2014	17:45	3	WNW
23/06/2014	04:20	0	SSE	23/06/2014	17:50	2	E
23/06/2014	04:25	1	SSE	23/06/2014	17:55	2	SSE
23/06/2014	04:30	1	SSW	23/06/2014	18:00	4	NNE
23/06/2014	04:35	0	---	23/06/2014	18:05	4	N
23/06/2014	04:40	0	SSW	23/06/2014	18:10	4	NNE
23/06/2014	04:45	1	SSW	23/06/2014	18:15	6	NW
23/06/2014	04:50	0	---	23/06/2014	18:20	4	N
23/06/2014	04:55	0	---	23/06/2014	18:25	5	NNE
23/06/2014	05:00	0	---	23/06/2014	18:30	2	NE
23/06/2014	05:05	0	---	23/06/2014	18:35	4	SSE
23/06/2014	05:10	0	---	23/06/2014	18:40	2	N
23/06/2014	05:15	0	---	23/06/2014	18:45	1	NNW
23/06/2014	05:20	0	---	23/06/2014	18:50	3	W
23/06/2014	05:25	1	W	23/06/2014	18:55	2	N
23/06/2014	05:30	2	NE	23/06/2014	19:00	2	WNW
23/06/2014	05:35	1	SSW	23/06/2014	19:05	1	NNW
23/06/2014	05:40	0	---	23/06/2014	19:10	1	NW
23/06/2014	05:45	1	SE	23/06/2014	19:15	0	---
23/06/2014	05:50	2	NE	23/06/2014	19:20	0	---
23/06/2014	14:45	2	SSE	23/06/2014	19:25	0	ESE
23/06/2014	14:50	3	SSE	23/06/2014	19:30	2	E
23/06/2014	14:55	4	SE	23/06/2014	19:35	0	ENE
23/06/2014	15:00	3	S	23/06/2014	19:40	0	WNW
23/06/2014	15:05	3	SE	23/06/2014	19:45	3	NNE
23/06/2014	15:10	2	SSE	23/06/2014	19:50	3	ENE
23/06/2014	15:15	3	SSE	23/06/2014	19:55	3	N
23/06/2014	15:20	2	SSE	23/06/2014	20:00	3	ENE
23/06/2014	15:25	3	S	23/06/2014	20:05	4	SE
23/06/2014	15:30	3	SSE	23/06/2014	20:10	3	SE
23/06/2014	15:35	2	S	23/06/2014	20:15	2	NNW
23/06/2014	15:40	1	ENE	23/06/2014	20:20	3	NNE
23/06/2014	15:45	2	SSW	23/06/2014	20:25	2	ESE
23/06/2014	15:50	4	SE	23/06/2014	20:30	1	SE
23/06/2014	15:55	3	S	23/06/2014	20:35	2	ENE
23/06/2014	16:00	4	S	23/06/2014	20:40	5	N
23/06/2014	16:05	3	ESE	23/06/2014	20:45	4	E
23/06/2014	16:10	6	SSE	23/06/2014	20:50	4	E
23/06/2014	16:15	4	SSE	23/06/2014	20:55	3	E
23/06/2014	16:20	4	S	23/06/2014	21:00	3	ESE
23/06/2014	16:25	2	SSW	23/06/2014	21:05	1	ESE
23/06/2014	16:30	3	SSE	23/06/2014	21:10	1	E
23/06/2014	16:35	6	SSE	23/06/2014	21:15	2	NNW
23/06/2014	16:40	6	SSE	23/06/2014	21:20	4	N
23/06/2014	16:45	3	NE	23/06/2014	21:25	6	NNW
23/06/2014	16:50	4	E	23/06/2014	21:30	3	N
23/06/2014	16:55	4	SW	23/06/2014	21:35	2	NE
23/06/2014	17:00	5	SE	23/06/2014	21:40	5	NW
23/06/2014	17:05	2	E	23/06/2014	21:45	4	NNW
23/06/2014	17:10	2	ESE	23/06/2014	21:50	4	N
23/06/2014	17:15	4	ESE	23/06/2014	21:55	3	N

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
23/06/2014	22:00	1	ENE	24/06/2014	02:40	1	SW
23/06/2014	22:05	1	S	24/06/2014	02:45	1	SW
23/06/2014	22:10	3	S	24/06/2014	02:50	0	SW
23/06/2014	22:15	3	SSW	24/06/2014	02:55	0	SW
23/06/2014	22:20	1	S	24/06/2014	03:00	0	SW
23/06/2014	22:25	2	E	24/06/2014	03:05	1	SE
23/06/2014	22:30	3	ESE	24/06/2014	03:10	1	SE
23/06/2014	22:35	3	ESE	24/06/2014	03:15	3	SE
23/06/2014	22:40	3	SSE	24/06/2014	03:20	2	SSE
23/06/2014	22:45	3	SSE	24/06/2014	03:25	2	SSE
23/06/2014	22:50	3	S	24/06/2014	03:30	0	SSE
23/06/2014	22:55	1	SE	24/06/2014	03:35	0	SSE
23/06/2014	23:00	0	S	24/06/2014	03:40	3	ESE
23/06/2014	23:05	0	SSE	24/06/2014	03:45	4	SE
23/06/2014	23:10	3	ESE	24/06/2014	03:50	2	SE
23/06/2014	23:15	1	W	24/06/2014	03:55	3	SE
23/06/2014	23:20	0	---	24/06/2014	04:00	3	SE
23/06/2014	23:25	0	---	24/06/2014	04:05	3	ESE
23/06/2014	23:30	0	---	24/06/2014	04:10	4	SE
23/06/2014	23:35	0	---	24/06/2014	04:15	3	SE
23/06/2014	23:40	0	---	24/06/2014	04:20	2	SSE
23/06/2014	23:45	0	---	24/06/2014	04:25	1	SSE
23/06/2014	23:50	0	---	24/06/2014	04:30	2	SE
23/06/2014	23:55	0	---	24/06/2014	04:35	3	SE
24/06/2014	00:00	0	---	24/06/2014	04:40	3	S
24/06/2014	00:05	0	---	24/06/2014	04:45	2	SE
24/06/2014	00:10	0	---	24/06/2014	04:50	3	SE
24/06/2014	00:15	0	---	24/06/2014	04:55	2	SE
24/06/2014	00:20	0	---	24/06/2014	05:00	1	SSE
24/06/2014	00:25	0	---	24/06/2014	05:05	0	---
24/06/2014	00:30	0	---	24/06/2014	05:10	0	---
24/06/2014	00:35	0	---	24/06/2014	05:15	2	SSE
24/06/2014	00:40	0	---	24/06/2014	05:20	3	SE
24/06/2014	00:45	0	---	24/06/2014	05:25	1	ESE
24/06/2014	00:50	0	NNW	24/06/2014	05:30	5	ENE
24/06/2014	00:55	4	NNE	24/06/2014	05:35	3	E
24/06/2014	01:00	1	NNW	24/06/2014	05:40	2	ENE
24/06/2014	01:05	0	E	24/06/2014	05:45	3	NE
24/06/2014	01:10	2	S	24/06/2014	05:50	9	NNW
24/06/2014	01:15	0	S	24/06/2014	05:55	10	N
24/06/2014	01:20	1	S	24/06/2014	06:00	10	NNW
24/06/2014	01:25	0	WSW	24/06/2014	06:05	3	W
24/06/2014	01:30	0	WSW	24/06/2014	06:10	2	SE
24/06/2014	01:35	1	WNW	24/06/2014	06:15	1	SW
24/06/2014	01:40	2	WNW	24/06/2014	06:20	5	SSW
24/06/2014	01:45	1	ESE	24/06/2014	06:25	6	N
24/06/2014	01:50	1	ESE	24/06/2014	06:30	5	N
24/06/2014	01:55	0	WNW	24/06/2014	06:35	3	NNW
24/06/2014	02:00	1	WNW	24/06/2014	06:40	2	W
24/06/2014	02:05	1	S	24/06/2014	06:45	1	S
24/06/2014	02:10	2	WNW	24/06/2014	06:50	1	NE
24/06/2014	02:15	4	N	24/06/2014	06:55	1	NNE
24/06/2014	02:20	6	ESE	24/06/2014	07:00	0	NNE
24/06/2014	02:25	3	ESE	24/06/2014	07:05	4	SE
24/06/2014	02:30	1	SW	24/06/2014	07:10	6	SSE
24/06/2014	02:35	0	SW	24/06/2014	07:15	4	SSE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
24/06/2014	07:20	5	SE	24/06/2014	12:00	4	NE
24/06/2014	07:25	5	SE	24/06/2014	12:05	3	ENE
24/06/2014	07:30	2	SSE	24/06/2014	12:10	3	ENE
24/06/2014	07:35	1	S	24/06/2014	12:15	2	ESE
24/06/2014	07:40	0	SSW	24/06/2014	12:20	1	ESE
24/06/2014	07:45	0	SSW	24/06/2014	12:25	2	ESE
24/06/2014	07:50	2	NNW	24/06/2014	12:30	3	NE
24/06/2014	07:55	0	N	24/06/2014	12:35	3	NE
24/06/2014	08:00	2	E	24/06/2014	12:40	2	ESE
24/06/2014	08:05	2	S	24/06/2014	12:45	4	NE
24/06/2014	08:10	2	ESE	24/06/2014	12:50	5	NW
24/06/2014	08:15	0	SSW	24/06/2014	12:55	1	NNW
24/06/2014	08:20	0	---	24/06/2014	13:00	2	NNE
24/06/2014	08:25	0	---	24/06/2014	13:05	2	NNE
24/06/2014	08:30	1	E	24/06/2014	13:10	2	NE
24/06/2014	08:35	3	S	24/06/2014	13:15	5	ENE
24/06/2014	08:40	3	S	24/06/2014	13:20	2	E
24/06/2014	08:45	2	SSE	24/06/2014	13:25	2	SSE
24/06/2014	08:50	2	SSE	24/06/2014	13:30	2	S
24/06/2014	08:55	1	ESE	24/06/2014	13:35	4	WNW
24/06/2014	09:00	1	ENE	24/06/2014	13:40	2	ENE
24/06/2014	09:05	2	ESE	24/06/2014	13:45	4	N
24/06/2014	09:10	1	E	24/06/2014	13:50	3	NNW
24/06/2014	09:15	1	E	24/06/2014	13:55	3	NE
24/06/2014	09:20	1	ENE	24/06/2014	14:00	2	WSW
24/06/2014	09:25	2	ENE	24/06/2014	14:05	4	NW
24/06/2014	09:30	1	ESE	24/06/2014	14:10	2	NNE
24/06/2014	09:35	2	SSW	24/06/2014	14:15	2	ENE
24/06/2014	09:40	2	S	24/06/2014	14:20	3	E
24/06/2014	09:45	2	ESE	24/06/2014	14:25	2	NE
24/06/2014	09:50	2	SSW	24/06/2014	14:30	3	SSE
24/06/2014	09:55	2	S	24/06/2014	14:35	3	SSE
24/06/2014	10:00	2	S	24/06/2014	14:40	1	E
24/06/2014	10:05	4	NW	24/06/2014	14:45	1	ESE
24/06/2014	10:10	2	NE	24/06/2014	14:50	3	NE
24/06/2014	10:15	2	ENE	24/06/2014	14:55	3	SSW
24/06/2014	10:20	2	SSE	24/06/2014	15:00	4	SSE
24/06/2014	10:25	4	NNW	24/06/2014	15:05	2	SSE
24/06/2014	10:30	5	NNW	24/06/2014	15:10	3	SE
24/06/2014	10:35	4	N	24/06/2014	15:15	3	W
24/06/2014	10:40	4	NNW	24/06/2014	15:20	1	NE
24/06/2014	10:45	3	NNW	24/06/2014	15:25	1	E
24/06/2014	10:50	3	NNE	24/06/2014	15:30	2	N
24/06/2014	10:55	3	E	24/06/2014	15:35	2	NW
24/06/2014	11:00	4	ENE	24/06/2014	15:40	2	NNW
24/06/2014	11:05	2	ESE	24/06/2014	15:45	2	N
24/06/2014	11:10	2	E	24/06/2014	15:50	4	NW
24/06/2014	11:15	3	W	24/06/2014	15:55	3	NW
24/06/2014	11:20	3	NNE	24/06/2014	16:00	1	NNW
24/06/2014	11:25	2	NNE	24/06/2014	16:05	1	SSW
24/06/2014	11:30	3	NE	24/06/2014	16:10	2	SE
24/06/2014	11:35	2	N	24/06/2014	16:15	1	SSE
24/06/2014	11:40	2	NE	24/06/2014	16:20	1	SSW
24/06/2014	11:45	5	E	24/06/2014	16:25	1	SSW
24/06/2014	11:50	2	E	24/06/2014	16:30	1	SSW
24/06/2014	11:55	2	NE	24/06/2014	16:35	1	WSW

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
24/06/2014	16:40	2	NNW
24/06/2014	16:45	1	SSE
24/06/2014	16:50	2	S
24/06/2014	16:55	1	S
24/06/2014	17:00	1	SE
24/06/2014	17:05	1	SSE
24/06/2014	17:10	2	S
24/06/2014	17:15	3	ESE
24/06/2014	17:20	0	ESE
24/06/2014	17:25	0	---
24/06/2014	17:30	0	---
24/06/2014	17:35	0	---
24/06/2014	17:40	0	---
24/06/2014	17:45	0	---
24/06/2014	17:50	0	---
24/06/2014	17:55	1	S
24/06/2014	18:00	1	NNW
24/06/2014	18:05	1	N
24/06/2014	18:10	2	SE
24/06/2014	18:15	1	SSE
24/06/2014	18:20	1	SSE
24/06/2014	18:25	0	SSE
24/06/2014	18:30	0	SSE
24/06/2014	18:35	0	---
24/06/2014	18:40	0	---
24/06/2014	18:45	1	SSE
24/06/2014	18:50	2	SSE
24/06/2014	18:55	2	N
24/06/2014	19:00	2	E
24/06/2014	19:05	2	SSW
24/06/2014	19:10	2	ESE
24/06/2014	19:15	2	S
24/06/2014	19:20	0	S
24/06/2014	19:25	1	S
24/06/2014	19:30	1	SSE
24/06/2014	19:35	1	W
24/06/2014	19:40	1	W
24/06/2014	19:45	0	NW
24/06/2014	19:50	0	---
24/06/2014	19:55	1	SE
24/06/2014	20:00	5	SSE
24/06/2014	20:05	4	SSW
24/06/2014	20:10	4	SE
24/06/2014	20:15	5	SSE
24/06/2014	20:20	6	SSE
24/06/2014	20:25	7	SSE
24/06/2014	20:30	6	SSE
24/06/2014	20:35	4	SE
24/06/2014	20:40	4	NNE
24/06/2014	20:45	3	NNE
24/06/2014	20:50	3	WSW
24/06/2014	20:55	2	ESE
24/06/2014	21:00	3	ESE
24/06/2014	21:05	3	S
24/06/2014	21:10	4	SE
24/06/2014	21:15	5	E
24/06/2014	21:20	3	ESE
24/06/2014	21:25	4	ESE
24/06/2014	21:30	3	E
24/06/2014	21:35	3	E
24/06/2014	21:40	3	ESE
24/06/2014	21:45	3	E
24/06/2014	21:50	3	ESE
24/06/2014	21:55	3	N
24/06/2014	22:00	3	SE
24/06/2014	22:05	3	ESE
24/06/2014	22:10	1	NE
24/06/2014	22:15	2	SE
24/06/2014	22:20	2	NW
24/06/2014	22:25	2	NE
24/06/2014	22:30	2	SSW
24/06/2014	22:35	2	SSW
24/06/2014	22:40	2	ESE
24/06/2014	22:45	6	NW
24/06/2014	22:50	1	SSE
24/06/2014	22:55	2	SE
24/06/2014	23:00	1	ESE
24/06/2014	23:05	2	SE
24/06/2014	23:10	3	N
24/06/2014	23:15	1	E
24/06/2014	23:20	2	ENE
24/06/2014	23:25	4	SSE
24/06/2014	23:30	2	S
24/06/2014	23:35	1	SE
24/06/2014	23:40	2	SE
24/06/2014	23:45	2	SSE
24/06/2014	23:50	5	ESE
24/06/2014	23:55	3	E
25/06/2014	00:00	3	ESE
25/06/2014	00:05	4	SSE
25/06/2014	00:10	1	WSW
25/06/2014	00:15	2	SSW
25/06/2014	00:20	3	ESE
25/06/2014	00:25	2	S
25/06/2014	00:30	2	S
25/06/2014	00:35	1	ENE
25/06/2014	00:40	2	N
25/06/2014	00:45	4	NNE
25/06/2014	00:50	6	N
25/06/2014	00:55	2	ESE
25/06/2014	01:00	1	SSE
25/06/2014	01:05	4	SSE
25/06/2014	01:10	5	N
25/06/2014	01:15	3	NNW
25/06/2014	01:20	3	NW
25/06/2014	01:25	4	NNE
25/06/2014	01:30	3	NW
25/06/2014	01:35	4	N
25/06/2014	01:40	4	SE
25/06/2014	01:45	5	SSE
25/06/2014	01:50	5	SE
25/06/2014	01:55	4	ESE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
25/06/2014	02:00	2	NNW	25/06/2014	06:40	8	NNW
25/06/2014	02:05	2	SSE	25/06/2014	06:45	6	NNW
25/06/2014	02:10	3	NNE	25/06/2014	06:50	8	NNW
25/06/2014	02:15	2	SE	25/06/2014	06:55	4	N
25/06/2014	02:20	2	WNW	25/06/2014	07:00	2	NNE
25/06/2014	02:25	4	N	25/06/2014	07:05	4	NNE
25/06/2014	02:30	5	NNE	25/06/2014	07:10	5	N
25/06/2014	02:35	4	NNW	25/06/2014	07:15	6	NW
25/06/2014	02:40	4	NNW	25/06/2014	07:20	5	NW
25/06/2014	02:45	2	NNE	25/06/2014	07:25	2	NW
25/06/2014	02:50	3	NNW	25/06/2014	07:30	1	NNE
25/06/2014	02:55	2	NE	25/06/2014	07:35	2	ENE
25/06/2014	03:00	3	NE	25/06/2014	07:40	1	NE
25/06/2014	03:05	4	N	25/06/2014	07:45	1	E
25/06/2014	03:10	5	NNW	25/06/2014	07:50	1	NE
25/06/2014	03:15	2	NNE	25/06/2014	07:55	1	NNW
25/06/2014	03:20	1	NNE	25/06/2014	08:00	1	NNW
25/06/2014	03:25	0	ENE	25/06/2014	08:05	2	SW
25/06/2014	03:30	3	SSE	25/06/2014	08:10	3	SSE
25/06/2014	03:35	2	ESE	25/06/2014	08:15	3	SSE
25/06/2014	03:40	3	SE	25/06/2014	08:20	1	E
25/06/2014	03:45	3	WNW	25/06/2014	08:25	2	WSW
25/06/2014	03:50	4	ESE	25/06/2014	08:30	4	S
25/06/2014	03:55	2	SE	25/06/2014	08:35	2	NNW
25/06/2014	04:00	5	SE	25/06/2014	08:40	2	S
25/06/2014	04:05	2	SE	25/06/2014	08:45	3	N
25/06/2014	04:10	2	SSE	25/06/2014	08:50	2	NNE
25/06/2014	04:15	2	SE	25/06/2014	08:55	0	---
25/06/2014	04:20	1	SSE	25/06/2014	09:00	3	SSE
25/06/2014	04:25	3	ENE	25/06/2014	09:05	5	ENE
25/06/2014	04:30	3	ENE	25/06/2014	09:10	13	NNW
25/06/2014	04:35	4	WNW	25/06/2014	09:15	13	NNW
25/06/2014	04:40	3	NE	25/06/2014	09:20	8	NNW
25/06/2014	04:45	4	NNE	25/06/2014	09:25	5	NNW
25/06/2014	04:50	2	NNE	25/06/2014	09:30	4	NNW
25/06/2014	04:55	1	E	25/06/2014	09:35	1	N
25/06/2014	05:00	3	NE	25/06/2014	09:40	3	N
25/06/2014	05:05	3	ENE	25/06/2014	09:45	1	N
25/06/2014	05:10	5	N	25/06/2014	09:50	0	N
25/06/2014	05:15	3	NNW	25/06/2014	09:55	1	N
25/06/2014	05:20	2	SE	25/06/2014	10:00	0	N
25/06/2014	05:25	0	SE	25/06/2014	10:05	0	---
25/06/2014	05:30	1	S	25/06/2014	10:10	0	ESE
25/06/2014	05:35	3	SSW	25/06/2014	10:15	1	ESE
25/06/2014	05:40	3	SW	25/06/2014	10:20	2	SE
25/06/2014	05:45	3	NNW	25/06/2014	10:25	3	SSE
25/06/2014	05:50	2	N	25/06/2014	10:30	4	SSE
25/06/2014	05:55	3	N	25/06/2014	10:35	4	SE
25/06/2014	06:00	5	N	25/06/2014	10:40	3	ESE
25/06/2014	06:05	2	NE	25/06/2014	10:45	2	ESE
25/06/2014	06:10	2	NE	25/06/2014	10:50	3	SSE
25/06/2014	06:15	3	NE	25/06/2014	10:55	4	SE
25/06/2014	06:20	4	S	25/06/2014	11:00	3	ESE
25/06/2014	06:25	3	N	25/06/2014	11:05	3	SE
25/06/2014	06:30	4	ENE	25/06/2014	11:10	1	SSW
25/06/2014	06:35	5	SE	25/06/2014	11:15	0	---

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
25/06/2014	11:20	0	---	25/06/2014	16:00	5	N
25/06/2014	11:25	1	ESE	25/06/2014	16:05	3	ESE
25/06/2014	11:30	3	SSE	25/06/2014	16:10	4	NE
25/06/2014	11:35	4	ESE	25/06/2014	16:15	4	E
25/06/2014	11:40	6	SE	25/06/2014	16:20	5	SSE
25/06/2014	11:45	5	SE	25/06/2014	16:25	4	SSE
25/06/2014	11:50	4	SE	25/06/2014	16:30	3	ESE
25/06/2014	11:55	5	SE	25/06/2014	16:35	3	SE
25/06/2014	12:00	6	ESE	25/06/2014	16:40	4	SSE
25/06/2014	12:05	6	ESE	25/06/2014	16:45	3	ESE
25/06/2014	12:10	6	SE	25/06/2014	16:50	4	SSE
25/06/2014	12:15	5	SE	25/06/2014	16:55	3	ENE
25/06/2014	12:20	5	ESE	25/06/2014	17:00	5	SSE
25/06/2014	12:25	3	ESE	25/06/2014	17:05	4	SSE
25/06/2014	12:30	5	SE	25/06/2014	17:10	4	E
25/06/2014	12:35	4	ESE	25/06/2014	17:15	4	SE
25/06/2014	12:40	2	ESE	25/06/2014	17:20	4	NE
25/06/2014	12:45	1	ESE	25/06/2014	17:25	6	NE
25/06/2014	12:50	0	---	25/06/2014	17:30	6	SE
25/06/2014	12:55	0	---	25/06/2014	17:35	5	S
25/06/2014	13:00	0	---	25/06/2014	17:40	4	SE
25/06/2014	13:05	0	---	25/06/2014	17:45	3	ESE
25/06/2014	13:10	0	---	25/06/2014	17:50	4	SE
25/06/2014	13:15	1	W	25/06/2014	17:55	4	SSE
25/06/2014	13:20	1	N	25/06/2014	18:00	3	SE
25/06/2014	13:25	3	N	25/06/2014	18:05	5	SE
25/06/2014	13:30	1	N	25/06/2014	18:10	3	SE
25/06/2014	13:35	1	N	25/06/2014	18:15	5	SSE
25/06/2014	13:40	3	SE	25/06/2014	18:20	3	SE
25/06/2014	13:45	2	ENE	25/06/2014	18:25	5	SE
25/06/2014	13:50	4	N	25/06/2014	18:30	3	SE
25/06/2014	13:55	2	SE	25/06/2014	18:35	2	S
25/06/2014	14:00	2	S	25/06/2014	18:40	3	ESE
25/06/2014	14:05	5	NNW	25/06/2014	18:45	5	SE
25/06/2014	14:10	4	NW	25/06/2014	18:50	4	S
25/06/2014	14:15	3	E	25/06/2014	18:55	3	SE
25/06/2014	14:20	3	NNW	25/06/2014	19:00	4	NE
25/06/2014	14:25	3	NNE	25/06/2014	19:05	5	N
25/06/2014	14:30	3	NNE	25/06/2014	19:10	2	ENE
25/06/2014	14:35	2	NE	25/06/2014	19:15	4	SSW
25/06/2014	14:40	0	NE	25/06/2014	19:20	4	SE
25/06/2014	14:45	1	ENE	25/06/2014	19:25	3	ESE
25/06/2014	14:50	1	NNE	25/06/2014	19:30	4	ESE
25/06/2014	14:55	5	N	25/06/2014	19:35	3	S
25/06/2014	15:00	5	N	25/06/2014	19:40	5	E
25/06/2014	15:05	7	NNW	25/06/2014	19:45	2	SSE
25/06/2014	15:10	4	N	25/06/2014	19:50	4	SE
25/06/2014	15:15	4	N	25/06/2014	19:55	4	S
25/06/2014	15:20	4	NNW	25/06/2014	20:00	2	ENE
25/06/2014	15:25	3	N	25/06/2014	20:05	6	ESE
25/06/2014	15:30	5	NNE	25/06/2014	20:10	3	SSE
25/06/2014	15:35	6	NNW	25/06/2014	20:15	4	ESE
25/06/2014	15:40	7	N	25/06/2014	20:20	4	SSE
25/06/2014	15:45	4	NNE	25/06/2014	20:25	6	SE
25/06/2014	15:50	6	N	25/06/2014	20:30	4	SSE
25/06/2014	15:55	5	N	25/06/2014	20:35	5	ESE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
25/06/2014	20:40	3	SE	26/06/2014	01:20	3	SE
25/06/2014	20:45	5	SE	26/06/2014	01:25	3	E
25/06/2014	20:50	5	SSE	26/06/2014	01:30	4	NNW
25/06/2014	20:55	4	SSE	26/06/2014	01:35	4	ESE
25/06/2014	21:00	4	NNW	26/06/2014	01:40	5	N
25/06/2014	21:05	5	SE	26/06/2014	01:45	4	ENE
25/06/2014	21:10	4	NE	26/06/2014	01:50	4	NNE
25/06/2014	21:15	4	E	26/06/2014	01:55	6	NNW
25/06/2014	21:20	3	ENE	26/06/2014	02:00	6	N
25/06/2014	21:25	5	SE	26/06/2014	02:05	5	NNW
25/06/2014	21:30	4	ENE	26/06/2014	02:10	4	NNE
25/06/2014	21:35	4	SSE	26/06/2014	02:15	4	NNW
25/06/2014	21:40	2	SSE	26/06/2014	02:20	6	NNE
25/06/2014	21:45	2	WNW	26/06/2014	02:25	6	N
25/06/2014	21:50	6	SSE	26/06/2014	02:30	6	N
25/06/2014	21:55	2	NE	26/06/2014	02:35	4	NNW
25/06/2014	22:00	2	NE	26/06/2014	02:40	4	NNW
25/06/2014	22:05	3	E	26/06/2014	02:45	4	NNW
25/06/2014	22:10	4	ESE	26/06/2014	02:50	2	NNW
25/06/2014	22:15	2	ESE	26/06/2014	02:55	2	NW
25/06/2014	22:20	3	SE	26/06/2014	03:00	2	NW
25/06/2014	22:25	4	NNW	26/06/2014	03:05	3	NW
25/06/2014	22:30	4	N	26/06/2014	03:10	2	NNW
25/06/2014	22:35	5	N	26/06/2014	03:15	2	NNW
25/06/2014	22:40	6	NNW	26/06/2014	03:20	2	NNW
25/06/2014	22:45	4	NNW	26/06/2014	03:25	2	N
25/06/2014	22:50	4	NNW	26/06/2014	03:30	2	N
25/06/2014	22:55	5	N	26/06/2014	03:35	1	N
25/06/2014	23:00	4	NNE	26/06/2014	03:40	0	N
25/06/2014	23:05	5	NNE	26/06/2014	03:45	1	NNE
25/06/2014	23:10	2	NNE	26/06/2014	03:50	0	NNE
25/06/2014	23:15	3	N	26/06/2014	03:55	1	NNE
25/06/2014	23:20	4	NNE	26/06/2014	04:00	1	NNE
25/06/2014	23:25	5	N	26/06/2014	04:05	1	NNE
25/06/2014	23:30	4	N	26/06/2014	04:10	2	NNW
25/06/2014	23:35	3	SE	26/06/2014	04:15	3	N
25/06/2014	23:40	3	ESE	26/06/2014	04:20	3	N
25/06/2014	23:45	2	E	26/06/2014	04:25	3	N
25/06/2014	23:50	4	SE	26/06/2014	04:30	3	N
25/06/2014	23:55	2	SSE	26/06/2014	04:35	2	N
26/06/2014	00:00	3	N	26/06/2014	04:40	2	N
26/06/2014	00:05	2	N	26/06/2014	04:45	4	N
26/06/2014	00:10	3	NE	26/06/2014	04:50	4	N
26/06/2014	00:15	5	NNW	26/06/2014	04:55	4	N
26/06/2014	00:20	2	NNE	26/06/2014	05:00	4	N
26/06/2014	00:25	3	ENE	26/06/2014	05:05	2	NE
26/06/2014	00:30	4	WNW	26/06/2014	05:10	1	NNE
26/06/2014	00:35	3	N	26/06/2014	05:15	2	E
26/06/2014	00:40	3	ENE	26/06/2014	05:20	3	SE
26/06/2014	00:45	3	NE	26/06/2014	05:25	2	SE
26/06/2014	00:50	5	NNW	26/06/2014	05:30	2	NNE
26/06/2014	00:55	6	SE	26/06/2014	05:35	3	N
26/06/2014	01:00	4	ESE	26/06/2014	05:40	2	NNE
26/06/2014	01:05	4	SSE	26/06/2014	05:45	2	SW
26/06/2014	01:10	4	NE	26/06/2014	05:50	1	SW
26/06/2014	01:15	4	N	26/06/2014	05:55	2	SE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
26/06/2014	06:00	3	N	26/06/2014	10:40	3	E
26/06/2014	06:05	3	NE	26/06/2014	10:45	2	ESE
26/06/2014	06:10	5	N	26/06/2014	10:50	5	NNW
26/06/2014	06:15	5	N	26/06/2014	10:55	4	NNE
26/06/2014	06:20	5	NNW	26/06/2014	11:00	2	S
26/06/2014	06:25	5	N	26/06/2014	11:05	4	NW
26/06/2014	06:30	6	NNW	26/06/2014	11:10	5	NW
26/06/2014	06:35	5	N	26/06/2014	11:15	5	NNW
26/06/2014	06:40	6	N	26/06/2014	11:20	4	NW
26/06/2014	06:45	6	NNW	26/06/2014	11:25	4	SSE
26/06/2014	06:50	6	NNW	26/06/2014	11:30	3	NE
26/06/2014	06:55	4	NNE	26/06/2014	11:35	3	NNE
26/06/2014	07:00	4	N	26/06/2014	11:40	4	ESE
26/06/2014	07:05	4	N	26/06/2014	11:45	4	N
26/06/2014	07:10	4	N	26/06/2014	11:50	4	N
26/06/2014	07:15	5	NNW	26/06/2014	11:55	7	NNW
26/06/2014	07:20	5	NNW	26/06/2014	12:00	6	NW
26/06/2014	07:25	6	ESE	26/06/2014	12:05	5	NW
26/06/2014	07:30	8	SE	26/06/2014	12:10	6	NW
26/06/2014	07:35	7	SE	26/06/2014	12:15	6	NW
26/06/2014	07:40	6	SE	26/06/2014	12:20	5	NW
26/06/2014	07:45	7	SE	26/06/2014	12:25	4	WNW
26/06/2014	07:50	6	SE	26/06/2014	12:30	3	NW
26/06/2014	07:55	8	ESE	26/06/2014	12:35	4	N
26/06/2014	08:00	8	ESE	26/06/2014	12:40	5	NW
26/06/2014	08:05	7	ESE	26/06/2014	12:45	3	W
26/06/2014	08:10	6	SE	26/06/2014	12:50	3	NNW
26/06/2014	08:15	7	SE	26/06/2014	12:55	4	NNW
26/06/2014	08:20	6	SE	26/06/2014	13:00	5	NW
26/06/2014	08:25	5	SE	26/06/2014	13:05	7	NW
26/06/2014	08:30	5	SE	26/06/2014	13:10	5	NW
26/06/2014	08:35	3	E	26/06/2014	13:15	6	NNW
26/06/2014	08:40	5	ESE	26/06/2014	13:20	6	NNW
26/06/2014	08:45	4	ESE	26/06/2014	13:25	5	N
26/06/2014	08:50	4	ESE	26/06/2014	13:30	7	NNW
26/06/2014	08:55	4	ESE	26/06/2014	13:35	5	NNW
26/06/2014	09:00	5	ESE	26/06/2014	13:40	6	N
26/06/2014	09:05	4	ESE	26/06/2014	13:45	4	NNE
26/06/2014	09:10	4	SE	26/06/2014	13:50	5	E
26/06/2014	09:15	4	ESE	26/06/2014	13:55	3	E
26/06/2014	09:20	5	E	26/06/2014	14:00	4	E
26/06/2014	09:25	5	E	26/06/2014	14:05	3	ESE
26/06/2014	09:30	4	ESE	26/06/2014	14:10	3	NW
26/06/2014	09:35	4	ESE	26/06/2014	14:15	3	ESE
26/06/2014	09:40	4	ESE	26/06/2014	14:20	5	N
26/06/2014	09:45	3	E	26/06/2014	14:25	6	N
26/06/2014	09:50	3	E	26/06/2014	14:30	5	NNW
26/06/2014	09:55	2	E	26/06/2014	14:35	4	NNE
26/06/2014	10:00	2	E	26/06/2014	14:40	5	NNW
26/06/2014	10:05	4	E	26/06/2014	14:45	4	N
26/06/2014	10:10	5	E	26/06/2014	14:50	2	SE
26/06/2014	10:15	3	ENE	26/06/2014	14:55	4	NNW
26/06/2014	10:20	3	SE	26/06/2014	15:00	4	NW
26/06/2014	10:25	4	SE	26/06/2014	15:05	2	NW
26/06/2014	10:30	5	ESE	26/06/2014	15:10	2	SSE
26/06/2014	10:35	3	SSE	26/06/2014	15:15	2	SSE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
26/06/2014	15:20	3	E
26/06/2014	15:25	2	N
26/06/2014	15:30	3	NNW
26/06/2014	15:35	2	NE
26/06/2014	15:40	1	NNE
26/06/2014	15:45	1	E
26/06/2014	15:50	2	NE
26/06/2014	15:55	1	N
26/06/2014	16:00	2	S
26/06/2014	16:05	1	SW
26/06/2014	16:10	2	S
26/06/2014	16:15	2	SE
26/06/2014	16:20	3	SSE
26/06/2014	16:25	3	ESE
26/06/2014	16:30	2	E
26/06/2014	16:35	1	E
26/06/2014	16:40	3	S
26/06/2014	16:45	1	W
26/06/2014	16:50	3	S
26/06/2014	16:55	4	ENE
26/06/2014	17:00	2	SSW
26/06/2014	17:05	2	S
26/06/2014	17:10	2	SSW
26/06/2014	17:15	2	SW
26/06/2014	17:20	3	SE
26/06/2014	17:25	4	SE
26/06/2014	17:30	3	SSE
26/06/2014	17:35	2	SE
26/06/2014	17:40	4	NW
26/06/2014	17:45	4	WNW
26/06/2014	17:50	3	S
26/06/2014	17:55	2	S
26/06/2014	18:00	4	S
26/06/2014	18:05	4	SSE
26/06/2014	18:10	5	SSE
26/06/2014	18:15	2	SSE
26/06/2014	18:20	4	ESE
26/06/2014	18:25	4	SSE
26/06/2014	18:30	4	N
26/06/2014	18:35	4	SSE
26/06/2014	18:40	4	ESE
26/06/2014	18:45	5	SSE
26/06/2014	18:50	6	SSE
26/06/2014	18:55	4	SSE
26/06/2014	19:00	3	SSE
26/06/2014	19:05	2	SSE
26/06/2014	19:10	3	S
26/06/2014	19:15	2	NNE
26/06/2014	19:20	2	WNW
26/06/2014	19:25	2	NW
26/06/2014	19:30	2	N
26/06/2014	19:35	6	SSE
26/06/2014	19:40	5	SSE
26/06/2014	19:45	4	SSE
26/06/2014	19:50	1	SW
26/06/2014	19:55	2	NNE
26/06/2014	20:00	2	NNE
26/06/2014	20:05	2	E
26/06/2014	20:10	3	N
26/06/2014	20:15	4	WNW
26/06/2014	20:20	4	W
26/06/2014	20:25	3	WNW
26/06/2014	20:30	3	S
26/06/2014	20:35	4	S
26/06/2014	20:40	3	SE
26/06/2014	20:45	3	SE
26/06/2014	20:50	2	ESE
26/06/2014	20:55	4	SE
26/06/2014	21:00	3	S
26/06/2014	21:05	1	ENE
26/06/2014	21:10	2	ENE
26/06/2014	21:15	1	SE
26/06/2014	21:20	3	ESE
26/06/2014	21:25	1	ENE
26/06/2014	21:30	1	SE
26/06/2014	21:35	1	NNW
26/06/2014	21:40	3	NNW
26/06/2014	21:45	4	SSW
26/06/2014	21:50	4	S
26/06/2014	21:55	2	S
26/06/2014	22:00	1	SSW
26/06/2014	22:05	3	SE
26/06/2014	22:10	2	SSE
26/06/2014	22:15	3	E
26/06/2014	22:20	2	ENE
26/06/2014	22:25	2	NNE
26/06/2014	22:30	3	ENE
26/06/2014	22:35	2	S
26/06/2014	22:40	1	ESE
26/06/2014	22:45	1	ESE
26/06/2014	22:50	3	S
26/06/2014	22:55	1	E
26/06/2014	23:00	1	NE
26/06/2014	23:05	1	E
26/06/2014	23:10	1	E
26/06/2014	23:15	0	N
26/06/2014	23:20	0	---
26/06/2014	23:25	1	ENE
26/06/2014	23:30	1	NE
26/06/2014	23:35	1	ESE
26/06/2014	23:40	0	NE
26/06/2014	23:45	2	NE
26/06/2014	23:50	1	ESE
26/06/2014	23:55	0	SE
27/06/2014	00:00	1	WNW
27/06/2014	00:05	3	NW
27/06/2014	00:10	1	NW
27/06/2014	00:15	3	N
27/06/2014	00:20	2	NNW
27/06/2014	00:25	4	NW
27/06/2014	00:30	5	NNW
27/06/2014	00:35	5	N

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
27/06/2014	00:40	5	NNW	27/06/2014	05:20	3	ESE
27/06/2014	00:45	2	N	27/06/2014	05:25	4	N
27/06/2014	00:50	0	N	27/06/2014	05:30	3	NE
27/06/2014	00:55	0	---	27/06/2014	05:35	3	ENE
27/06/2014	01:00	0	---	27/06/2014	05:40	2	ENE
27/06/2014	01:05	0	---	27/06/2014	05:45	2	W
27/06/2014	01:10	0	---	27/06/2014	05:50	2	N
27/06/2014	01:15	0	---	27/06/2014	05:55	2	NNE
27/06/2014	01:20	1	NNE	27/06/2014	06:00	3	E
27/06/2014	01:25	0	S	27/06/2014	06:05	4	ESE
27/06/2014	01:30	0	S	27/06/2014	06:10	3	SE
27/06/2014	01:35	1	S	27/06/2014	06:15	3	ESE
27/06/2014	01:40	2	S	27/06/2014	06:20	2	ESE
27/06/2014	01:45	1	S	27/06/2014	06:25	1	ENE
27/06/2014	01:50	0	---	27/06/2014	06:30	2	NNE
27/06/2014	01:55	0	---	27/06/2014	06:35	3	NNE
27/06/2014	02:00	0	---	27/06/2014	06:40	4	N
27/06/2014	02:05	0	---	27/06/2014	06:45	5	SE
27/06/2014	02:10	0	SE	27/06/2014	06:50	7	SE
27/06/2014	02:15	1	SE	27/06/2014	06:55	6	SE
27/06/2014	02:20	0	---	27/06/2014	07:00	6	SE
27/06/2014	02:25	0	---	27/06/2014	07:05	7	SE
27/06/2014	02:30	0	---	27/06/2014	07:10	7	SE
27/06/2014	02:35	0	---	27/06/2014	07:15	7	SE
27/06/2014	02:40	0	---	27/06/2014	07:20	6	SE
27/06/2014	02:45	0	---	27/06/2014	07:25	6	SE
27/06/2014	02:50	0	---	27/06/2014	07:30	6	SE
27/06/2014	02:55	0	---	27/06/2014	07:35	5	SE
27/06/2014	03:00	0	---	27/06/2014	07:40	5	SE
27/06/2014	03:05	0	---	27/06/2014	07:45	4	SSE
27/06/2014	03:10	0	---	27/06/2014	07:50	4	SE
27/06/2014	03:15	0	---	27/06/2014	07:55	5	ESE
27/06/2014	03:20	0	---	27/06/2014	08:00	4	SE
27/06/2014	03:25	0	---	27/06/2014	08:05	5	SE
27/06/2014	03:30	0	SSE	27/06/2014	08:10	5	SE
27/06/2014	03:35	2	N	27/06/2014	08:15	6	SE
27/06/2014	03:40	4	NW	27/06/2014	08:20	4	ESE
27/06/2014	03:45	3	NNW	27/06/2014	08:25	5	ESE
27/06/2014	03:50	3	NNW	27/06/2014	08:30	5	E
27/06/2014	03:55	2	N	27/06/2014	08:35	4	ESE
27/06/2014	04:00	2	N	27/06/2014	08:40	5	E
27/06/2014	04:05	4	N	27/06/2014	08:45	5	ESE
27/06/2014	04:10	0	WNW	27/06/2014	08:50	5	ESE
27/06/2014	04:15	2	E	27/06/2014	08:55	5	ESE
27/06/2014	04:20	2	SE	27/06/2014	09:00	5	SE
27/06/2014	04:25	2	SE	27/06/2014	09:05	6	SE
27/06/2014	04:30	2	SE	27/06/2014	09:10	6	SE
27/06/2014	04:35	3	SE	27/06/2014	09:15	6	SE
27/06/2014	04:40	3	ESE	27/06/2014	09:20	7	SE
27/06/2014	04:45	2	ESE	27/06/2014	09:25	6	SE
27/06/2014	04:50	2	ESE	27/06/2014	09:30	5	SE
27/06/2014	04:55	2	E	27/06/2014	09:35	5	SE
27/06/2014	05:00	2	ESE	27/06/2014	09:40	6	SE
27/06/2014	05:05	2	ESE	27/06/2014	09:45	7	SE
27/06/2014	05:10	2	ENE	27/06/2014	09:50	5	SE
27/06/2014	05:15	2	NE	27/06/2014	09:55	6	SE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
27/06/2014	10:00	6	SE	27/06/2014	14:40	3	ESE
27/06/2014	10:05	6	SE	27/06/2014	14:45	3	ESE
27/06/2014	10:10	7	ESE	27/06/2014	14:50	3	ESE
27/06/2014	10:15	7	ESE	27/06/2014	14:55	3	SE
27/06/2014	10:20	4	ESE	27/06/2014	15:00	2	SE
27/06/2014	10:25	5	ESE	27/06/2014	15:05	3	SE
27/06/2014	10:30	4	ESE	27/06/2014	15:10	3	ESE
27/06/2014	10:35	5	ESE	27/06/2014	15:15	1	ESE
27/06/2014	10:40	5	ESE	27/06/2014	15:20	0	ESE
27/06/2014	10:45	5	ESE	27/06/2014	15:25	2	ESE
27/06/2014	10:50	4	E	27/06/2014	15:30	2	ESE
27/06/2014	10:55	4	E	27/06/2014	15:35	2	E
27/06/2014	11:00	5	E	27/06/2014	15:40	1	E
27/06/2014	11:05	4	ENE	27/06/2014	15:45	1	E
27/06/2014	11:10	4	ENE	27/06/2014	15:50	1	E
27/06/2014	11:15	4	E	27/06/2014	15:55	1	E
27/06/2014	11:20	1	NNE	27/06/2014	16:00	2	ESE
27/06/2014	11:25	2	NNE	27/06/2014	16:05	1	ESE
27/06/2014	11:30	4	ENE	27/06/2014	16:10	1	SSE
27/06/2014	11:35	5	ESE	27/06/2014	16:15	3	NNW
27/06/2014	11:40	4	ESE	27/06/2014	16:20	2	NW
27/06/2014	11:45	4	ESE	27/06/2014	16:25	3	NNW
27/06/2014	11:50	3	NE	27/06/2014	16:30	3	NNW
27/06/2014	11:55	5	ESE	27/06/2014	16:35	2	NNW
27/06/2014	12:00	5	E	27/06/2014	16:40	2	NNW
27/06/2014	12:05	3	ENE	27/06/2014	16:45	2	N
27/06/2014	12:10	3	E	27/06/2014	16:50	2	NNW
27/06/2014	12:15	3	NE	27/06/2014	16:55	3	NNW
27/06/2014	12:20	2	NE	27/06/2014	17:00	3	NNW
27/06/2014	12:25	4	N	27/06/2014	17:05	2	NNW
27/06/2014	12:30	5	NW	27/06/2014	17:10	2	NNW
27/06/2014	12:35	6	NW	27/06/2014	17:15	0	NNW
27/06/2014	12:40	5	NNW	27/06/2014	17:20	0	NNW
27/06/2014	12:45	5	NNW	27/06/2014	17:25	1	NNW
27/06/2014	12:50	4	NNE	27/06/2014	17:30	2	WNW
27/06/2014	12:55	5	NNW	27/06/2014	17:35	1	WNW
27/06/2014	13:00	2	NNW	27/06/2014	17:40	0	---
27/06/2014	13:05	4	N	27/06/2014	17:45	0	SSE
27/06/2014	13:10	1	N	27/06/2014	17:50	2	SSE
27/06/2014	13:15	4	NE	27/06/2014	17:55	2	SSE
27/06/2014	13:20	3	ESE	27/06/2014	18:00	0	SSE
27/06/2014	13:25	4	ESE	27/06/2014	18:05	0	---
27/06/2014	13:30	4	ESE	27/06/2014	18:10	0	SSE
27/06/2014	13:35	3	E	27/06/2014	18:15	0	SSE
27/06/2014	13:40	5	SE	27/06/2014	18:20	1	NE
27/06/2014	13:45	3	ESE	27/06/2014	18:25	0	SE
27/06/2014	13:50	3	ESE	27/06/2014	18:30	3	SE
27/06/2014	13:55	4	ESE	27/06/2014	18:35	2	S
27/06/2014	14:00	3	ESE	27/06/2014	18:40	2	S
27/06/2014	14:05	3	E	27/06/2014	18:45	1	S
27/06/2014	14:10	4	ESE	27/06/2014	18:50	1	S
27/06/2014	14:15	3	ESE	27/06/2014	18:55	1	NE
27/06/2014	14:20	3	SE	27/06/2014	19:00	1	NNW
27/06/2014	14:25	3	SE	27/06/2014	19:05	2	NNW
27/06/2014	14:30	3	SE	27/06/2014	19:10	0	NNW
27/06/2014	14:35	3	SE	27/06/2014	19:15	1	NNW

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
27/06/2014	19:20	1	SSW	28/06/2014	00:00	0	---
27/06/2014	19:25	1	SSE	28/06/2014	00:05	0	---
27/06/2014	19:30	1	S	28/06/2014	00:10	0	---
27/06/2014	19:35	0	S	28/06/2014	00:15	0	---
27/06/2014	19:40	0	---	28/06/2014	00:20	0	---
27/06/2014	19:45	0	---	28/06/2014	00:25	0	---
27/06/2014	19:50	1	SSW	28/06/2014	00:30	0	---
27/06/2014	19:55	2	SSE	28/06/2014	00:35	0	---
27/06/2014	20:00	2	S	28/06/2014	00:40	0	---
27/06/2014	20:05	4	S	28/06/2014	00:45	0	N
27/06/2014	20:10	4	S	28/06/2014	00:50	0	---
27/06/2014	20:15	2	SSW	28/06/2014	00:55	0	---
27/06/2014	20:20	1	S	28/06/2014	01:00	0	---
27/06/2014	20:25	0	S	28/06/2014	01:05	0	NNE
27/06/2014	20:30	1	SSW	28/06/2014	01:10	1	NNE
27/06/2014	20:35	2	SSW	28/06/2014	01:15	2	N
27/06/2014	20:40	1	SSW	28/06/2014	01:20	0	N
27/06/2014	20:45	2	NNW	28/06/2014	01:25	0	---
27/06/2014	20:50	4	NNW	28/06/2014	01:30	0	N
27/06/2014	20:55	2	NW	28/06/2014	01:35	0	N
27/06/2014	21:00	1	NNW	28/06/2014	01:40	0	N
27/06/2014	21:05	1	NNW	28/06/2014	01:45	0	N
27/06/2014	21:10	0	NNW	28/06/2014	01:50	1	S
27/06/2014	21:15	1	ENE	28/06/2014	01:55	0	---
27/06/2014	21:20	0	---	28/06/2014	02:00	0	---
27/06/2014	21:25	2	ENE	28/06/2014	02:05	0	---
27/06/2014	21:30	2	ESE	28/06/2014	02:10	0	---
27/06/2014	21:35	1	ESE	28/06/2014	02:15	0	---
27/06/2014	21:40	1	ESE	28/06/2014	02:20	0	---
27/06/2014	21:45	1	ESE	28/06/2014	02:25	0	---
27/06/2014	21:50	2	ESE	28/06/2014	02:30	0	---
27/06/2014	21:55	3	NE	28/06/2014	02:35	0	---
27/06/2014	22:00	2	NE	28/06/2014	02:40	0	---
27/06/2014	22:05	2	N	28/06/2014	02:45	0	---
27/06/2014	22:10	1	NE	28/06/2014	02:50	0	---
27/06/2014	22:15	1	ENE	28/06/2014	02:55	0	---
27/06/2014	22:20	2	E	28/06/2014	03:00	0	---
27/06/2014	22:25	2	SSE	28/06/2014	03:05	0	---
27/06/2014	22:30	1	SSE	28/06/2014	03:10	0	S
27/06/2014	22:35	1	ENE	28/06/2014	03:15	1	SE
27/06/2014	22:40	0	---	28/06/2014	03:20	1	SE
27/06/2014	22:45	0	ENE	28/06/2014	03:25	2	ESE
27/06/2014	22:50	0	SSW	28/06/2014	03:30	2	ESE
27/06/2014	22:55	0	---	28/06/2014	03:35	2	ESE
27/06/2014	23:00	3	NE	28/06/2014	03:40	2	ESE
27/06/2014	23:05	2	NNE	28/06/2014	03:45	1	ESE
27/06/2014	23:10	1	NNE	28/06/2014	03:50	1	ESE
27/06/2014	23:15	1	ESE	28/06/2014	03:55	2	E
27/06/2014	23:20	0	ENE	28/06/2014	04:00	1	E
27/06/2014	23:25	0	ENE	28/06/2014	04:05	2	ESE
27/06/2014	23:30	1	NNE	28/06/2014	04:10	2	ESE
27/06/2014	23:35	0	NE	28/06/2014	04:15	2	ESE
27/06/2014	23:40	0	NE	28/06/2014	04:20	2	ESE
27/06/2014	23:45	0	---	28/06/2014	04:25	1	ESE
27/06/2014	23:50	0	---	28/06/2014	04:30	2	ESE
27/06/2014	23:55	0	---	28/06/2014	04:35	2	ESE

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
28/06/2014	04:40	2	ESE	28/06/2014	09:20	1	ENE
28/06/2014	04:45	1	ESE	28/06/2014	09:25	3	SE
28/06/2014	04:50	2	ESE	28/06/2014	09:30	4	ENE
28/06/2014	04:55	2	ESE	28/06/2014	09:35	3	E
28/06/2014	05:00	2	E	28/06/2014	09:40	3	E
28/06/2014	05:05	2	E	28/06/2014	09:45	4	ESE
28/06/2014	05:10	2	E	28/06/2014	09:50	3	E
28/06/2014	05:15	3	E	28/06/2014	09:55	5	E
28/06/2014	05:20	3	E	28/06/2014	10:00	5	E
28/06/2014	05:25	3	E	28/06/2014	10:05	3	ENE
28/06/2014	05:30	3	E	28/06/2014	10:10	2	NNE
28/06/2014	05:35	3	E	28/06/2014	10:15	4	NNE
28/06/2014	05:40	3	E	28/06/2014	10:20	3	NE
28/06/2014	05:45	3	E	28/06/2014	10:25	1	NE
28/06/2014	05:50	4	ESE	28/06/2014	10:30	2	N
28/06/2014	05:55	3	E	28/06/2014	10:35	2	NNE
28/06/2014	06:00	3	E	28/06/2014	10:40	3	NNE
28/06/2014	06:05	3	SE	28/06/2014	10:45	4	NE
28/06/2014	06:10	3	ESE	28/06/2014	10:50	4	SE
28/06/2014	06:15	2	ESE	28/06/2014	10:55	3	ESE
28/06/2014	06:20	3	E	28/06/2014	11:00	4	ENE
28/06/2014	06:25	3	SE	28/06/2014	11:05	6	NNW
28/06/2014	06:30	2	ESE	28/06/2014	11:10	3	N
28/06/2014	06:35	3	E	28/06/2014	11:15	3	NE
28/06/2014	06:40	2	E	28/06/2014	11:20	4	ENE
28/06/2014	06:45	3	E	28/06/2014	11:25	3	ENE
28/06/2014	06:50	2	E	28/06/2014	11:30	4	E
28/06/2014	06:55	2	E	28/06/2014	11:35	4	ENE
28/06/2014	07:00	2	E	28/06/2014	11:40	4	SSE
28/06/2014	07:05	1	SSE	28/06/2014	11:45	6	ESE
28/06/2014	07:10	3	NNE	28/06/2014	11:50	4	SE
28/06/2014	07:15	2	N	28/06/2014	11:55	4	ESE
28/06/2014	07:20	1	ENE	28/06/2014	12:00	4	ESE
28/06/2014	07:25	1	ENE	28/06/2014	12:05	4	ESE
28/06/2014	07:30	2	ENE	28/06/2014	12:10	3	E
28/06/2014	07:35	2	ENE	28/06/2014	12:15	4	N
28/06/2014	07:40	4	NNW	28/06/2014	12:20	3	N
28/06/2014	07:45	4	NNW	28/06/2014	12:25	2	NE
28/06/2014	07:50	4	N	28/06/2014	12:30	4	N
28/06/2014	07:55	3	N	28/06/2014	12:35	4	NNW
28/06/2014	08:00	2	NNW	28/06/2014	12:40	3	N
28/06/2014	08:05	2	NNW	28/06/2014	12:45	3	NNE
28/06/2014	08:10	2	NNW	28/06/2014	12:50	4	NNW
28/06/2014	08:15	1	NNW	28/06/2014	12:55	5	N
28/06/2014	08:20	2	NNW	28/06/2014	13:00	4	N
28/06/2014	08:25	2	ENE	28/06/2014	13:05	4	NNW
28/06/2014	08:30	2	ESE	28/06/2014	13:10	4	NNW
28/06/2014	08:35	1	NE	28/06/2014	13:15	4	NNW
28/06/2014	08:40	2	N	28/06/2014	13:20	5	NNW
28/06/2014	08:45	2	E	28/06/2014	13:25	6	NNW
28/06/2014	08:50	2	E	28/06/2014	13:30	4	NNW
28/06/2014	08:55	3	NE	28/06/2014	13:35	4	NNW
28/06/2014	09:00	4	E	28/06/2014	13:40	5	NNW
28/06/2014	09:05	3	SE	28/06/2014	13:45	4	N
28/06/2014	09:10	2	E	28/06/2014	13:50	4	NNW
28/06/2014	09:15	2	ENE	28/06/2014	13:55	4	NNW

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
28/06/2014	14:00	6	NNW	28/06/2014	18:40	3	WNW
28/06/2014	14:05	4	N	28/06/2014	18:45	2	N
28/06/2014	14:10	5	NNW	28/06/2014	18:50	1	N
28/06/2014	14:15	6	N	28/06/2014	18:55	1	N
28/06/2014	14:20	6	N	28/06/2014	19:00	3	N
28/06/2014	14:25	5	NW	28/06/2014	19:05	3	SE
28/06/2014	14:30	5	NNW	28/06/2014	19:10	5	SE
28/06/2014	14:35	2	SSE	28/06/2014	19:15	4	S
28/06/2014	14:40	4	NW	28/06/2014	19:20	1	WSW
28/06/2014	14:45	3	NW	28/06/2014	19:25	2	NNW
28/06/2014	14:50	1	SSE	28/06/2014	19:30	2	NNE
28/06/2014	14:55	3	NE	28/06/2014	19:35	3	S
28/06/2014	15:00	1	NE	28/06/2014	19:40	3	S
28/06/2014	15:05	2	NE	28/06/2014	19:45	3	NNE
28/06/2014	15:10	1	ESE	28/06/2014	19:50	3	N
28/06/2014	15:15	3	NNW	28/06/2014	19:55	1	N
28/06/2014	15:20	4	NNW	28/06/2014	20:00	2	NE
28/06/2014	15:25	3	NW	28/06/2014	20:05	2	NNE
28/06/2014	15:30	2	NNW	28/06/2014	20:10	3	NE
28/06/2014	15:35	3	WNW	28/06/2014	20:15	3	NNW
28/06/2014	15:40	3	NW	28/06/2014	20:20	2	N
28/06/2014	15:45	2	NW	28/06/2014	20:25	2	N
28/06/2014	15:50	2	WNW	28/06/2014	20:30	2	NW
28/06/2014	15:55	4	NNW	28/06/2014	20:35	2	NW
28/06/2014	16:00	4	NW	28/06/2014	20:40	2	NNW
28/06/2014	16:05	3	WNW	28/06/2014	20:45	1	ENE
28/06/2014	16:10	1	NW	28/06/2014	20:50	1	ENE
28/06/2014	16:15	2	WNW	28/06/2014	20:55	2	ENE
28/06/2014	16:20	2	NW	28/06/2014	21:00	3	ESE
28/06/2014	16:25	3	NW	28/06/2014	21:05	3	ESE
28/06/2014	16:30	4	WNW	28/06/2014	21:10	2	ESE
28/06/2014	16:35	3	N	28/06/2014	21:15	0	ENE
28/06/2014	16:40	4	WNW	28/06/2014	21:20	0	ENE
28/06/2014	16:45	3	WNW	28/06/2014	21:25	1	SE
28/06/2014	16:50	3	NW	28/06/2014	21:30	0	SE
28/06/2014	16:55	2	NW	28/06/2014	21:35	0	---
28/06/2014	17:00	3	WNW	28/06/2014	21:40	0	SE
28/06/2014	17:05	3	WNW	28/06/2014	21:45	0	SE
28/06/2014	17:10	2	NE	28/06/2014	21:50	0	---
28/06/2014	17:15	2	W	28/06/2014	21:55	0	---
28/06/2014	17:20	2	SE	28/06/2014	22:00	0	---
28/06/2014	17:25	1	SE	28/06/2014	22:05	0	---
28/06/2014	17:30	1	N	28/06/2014	22:10	0	---
28/06/2014	17:35	2	N	28/06/2014	22:15	0	---
28/06/2014	17:40	2	NW	28/06/2014	22:20	0	S
28/06/2014	17:45	1	NE	28/06/2014	22:25	1	S
28/06/2014	17:50	2	NE	28/06/2014	22:30	0	S
28/06/2014	17:55	2	N	28/06/2014	22:35	0	S
28/06/2014	18:00	1	N	28/06/2014	22:40	1	S
28/06/2014	18:05	3	NNW	28/06/2014	22:45	0	---
28/06/2014	18:10	1	NW	28/06/2014	22:50	0	ESE
28/06/2014	18:15	2	S	28/06/2014	22:55	1	E
28/06/2014	18:20	3	S	28/06/2014	23:00	0	WNW
28/06/2014	18:25	4	SE	28/06/2014	23:05	1	W
28/06/2014	18:30	4	SE	28/06/2014	23:10	1	NW
28/06/2014	18:35	3	ESE	28/06/2014	23:15	2	NNW

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
28/06/2014	23:20	1	NNW	29/06/2014	04:00	3	ESE
28/06/2014	23:25	0	---	29/06/2014	04:05	3	ESE
28/06/2014	23:30	0	---	29/06/2014	04:10	4	ESE
28/06/2014	23:35	0	NNW	29/06/2014	04:15	4	ESE
28/06/2014	23:40	0	---	29/06/2014	04:20	3	ESE
28/06/2014	23:45	0	NNW	29/06/2014	04:25	3	ESE
28/06/2014	23:50	1	NNW	29/06/2014	04:30	2	ESE
28/06/2014	23:55	0	E	29/06/2014	04:35	2	SE
29/06/2014	00:00	0	E	29/06/2014	04:40	2	ESE
29/06/2014	00:05	0	E	29/06/2014	04:45	3	ESE
29/06/2014	00:10	0	---	29/06/2014	04:50	3	E
29/06/2014	00:15	0	---	29/06/2014	04:55	4	E
29/06/2014	00:20	0	---	29/06/2014	05:00	4	ESE
29/06/2014	00:25	0	---	29/06/2014	05:05	5	ESE
29/06/2014	00:30	0	---	29/06/2014	05:10	4	ESE
29/06/2014	00:35	0	---	29/06/2014	05:15	3	ESE
29/06/2014	00:40	0	S	29/06/2014	05:20	4	SE
29/06/2014	00:45	2	S	29/06/2014	05:25	3	S
29/06/2014	00:50	1	S	29/06/2014	05:30	1	ESE
29/06/2014	00:55	1	S	29/06/2014	05:35	2	S
29/06/2014	01:00	1	S	29/06/2014	05:40	3	SE
29/06/2014	01:05	0	SSW	29/06/2014	05:45	4	SSE
29/06/2014	01:10	1	WSW	29/06/2014	05:50	4	SE
29/06/2014	01:15	0	WSW	29/06/2014	05:55	6	SSE
29/06/2014	01:20	0	WSW	29/06/2014	06:00	3	SSE
29/06/2014	01:25	0	---	29/06/2014	06:05	4	SSE
29/06/2014	01:30	1	WSW	29/06/2014	06:10	2	SSE
29/06/2014	01:35	0	---	29/06/2014	06:15	0	SSE
29/06/2014	01:40	0	---	29/06/2014	06:20	2	SE
29/06/2014	01:45	0	WSW	29/06/2014	06:25	5	SSE
29/06/2014	01:50	0	WSW	29/06/2014	06:30	6	ESE
29/06/2014	01:55	0	---	29/06/2014	06:35	3	ESE
29/06/2014	02:00	0	---	29/06/2014	06:40	1	ESE
29/06/2014	02:05	1	SSE	29/06/2014	06:45	3	NW
29/06/2014	02:10	1	ESE	29/06/2014	06:50	1	W
29/06/2014	02:15	2	ESE	29/06/2014	06:55	3	ENE
29/06/2014	02:20	2	SE	29/06/2014	07:00	5	SSE
29/06/2014	02:25	3	SSE	29/06/2014	07:05	5	SSE
29/06/2014	02:30	3	ESE	29/06/2014	07:10	4	SE
29/06/2014	02:35	3	SE	29/06/2014	07:15	6	SSE
29/06/2014	02:40	3	SE	29/06/2014	07:20	3	SSE
29/06/2014	02:45	3	SE	29/06/2014	07:25	2	SE
29/06/2014	02:50	2	SSE	29/06/2014	07:30	3	SSE
29/06/2014	02:55	1	ESE	29/06/2014	07:35	6	SSE
29/06/2014	03:00	1	ESE	29/06/2014	07:40	6	ESE
29/06/2014	03:05	1	S	29/06/2014	07:45	6	ESE
29/06/2014	03:10	1	S	29/06/2014	07:50	6	ESE
29/06/2014	03:15	1	S	29/06/2014	07:55	4	ESE
29/06/2014	03:20	1	S	29/06/2014	08:00	4	ESE
29/06/2014	03:25	1	SSE	29/06/2014	08:05	5	E
29/06/2014	03:30	2	SE	29/06/2014	08:10	7	E
29/06/2014	03:35	2	SE	29/06/2014	08:15	6	ESE
29/06/2014	03:40	2	ESE	29/06/2014	08:20	6	ESE
29/06/2014	03:45	4	SE	29/06/2014	08:25	5	E
29/06/2014	03:50	5	SE	29/06/2014	08:30	6	E
29/06/2014	03:55	4	ESE	29/06/2014	08:35	4	E

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
29/06/2014	08:40	6	E	29/06/2014	13:20	6	SE
29/06/2014	08:45	6	ESE	29/06/2014	13:25	5	SE
29/06/2014	08:50	5	E	29/06/2014	13:30	4	SSE
29/06/2014	08:55	3	ESE	29/06/2014	13:35	3	ESE
29/06/2014	09:00	5	SE	29/06/2014	13:40	4	SE
29/06/2014	09:05	9	SE	29/06/2014	13:45	3	SSE
29/06/2014	09:10	8	SSE	29/06/2014	13:50	4	S
29/06/2014	09:15	7	SSE	29/06/2014	13:55	4	S
29/06/2014	09:20	6	SSE	29/06/2014	14:00	4	SW
29/06/2014	09:25	4	SSE	29/06/2014	14:05	5	NNW
29/06/2014	09:30	7	SSE	29/06/2014	14:10	2	WNW
29/06/2014	09:35	7	ESE	29/06/2014	14:15	1	S
29/06/2014	09:40	5	SE	29/06/2014	14:20	4	SSW
29/06/2014	09:45	5	SSE	29/06/2014	14:25	3	ESE
29/06/2014	09:50	6	SE	29/06/2014	14:30	5	SE
29/06/2014	09:55	7	SSE	29/06/2014	14:35	3	SSE
29/06/2014	10:00	6	SSE	29/06/2014	14:40	7	SSE
29/06/2014	10:05	4	ESE	29/06/2014	14:45	4	SE
29/06/2014	10:10	8	SSE	29/06/2014	14:50	2	S
29/06/2014	10:15	7	SE	29/06/2014	14:55	0	NW
29/06/2014	10:20	7	SSE	29/06/2014	15:00	1	N
29/06/2014	10:25	6	S	29/06/2014	15:05	2	W
29/06/2014	10:30	7	S	29/06/2014	15:10	2	WNW
29/06/2014	10:35	8	S	29/06/2014	15:15	3	SSE
29/06/2014	10:40	9	SE	29/06/2014	15:20	4	SE
29/06/2014	10:45	10	SSE	29/06/2014	15:25	6	SE
29/06/2014	10:50	10	SSE	29/06/2014	15:30	5	SSE
29/06/2014	10:55	10	SSE	29/06/2014	15:35	5	SE
29/06/2014	11:00	10	SSE	29/06/2014	15:40	4	SE
29/06/2014	11:05	11	SSE	29/06/2014	15:45	4	SSE
29/06/2014	11:10	9	SSE	29/06/2014	15:50	6	SSE
29/06/2014	11:15	9	SSE	29/06/2014	15:55	5	SE
29/06/2014	11:20	6	SSE	29/06/2014	16:00	3	SE
29/06/2014	11:25	7	SE	29/06/2014	16:05	3	SE
29/06/2014	11:30	7	S	29/06/2014	16:10	3	SSE
29/06/2014	11:35	6	SSE	29/06/2014	16:15	6	SE
29/06/2014	11:40	2	SSE	29/06/2014	16:20	6	ESE
29/06/2014	11:45	5	SSE	29/06/2014	16:25	7	SE
29/06/2014	11:50	6	SSE	29/06/2014	16:30	6	SE
29/06/2014	11:55	8	SSE	29/06/2014	16:35	7	SE
29/06/2014	12:00	7	SSE	29/06/2014	16:40	7	SE
29/06/2014	12:05	6	S	29/06/2014	16:45	5	SE
29/06/2014	12:10	6	SSE	29/06/2014	16:50	4	SSE
29/06/2014	12:15	5	S	29/06/2014	16:55	3	SSE
29/06/2014	12:20	5	SE	29/06/2014	17:00	4	SSE
29/06/2014	12:25	6	SSE	29/06/2014	17:05	4	SSE
29/06/2014	12:30	6	SE	29/06/2014	17:10	4	SSE
29/06/2014	12:35	6	SSE	29/06/2014	17:15	4	SSE
29/06/2014	12:40	8	SE	29/06/2014	17:20	4	SE
29/06/2014	12:45	7	SE	29/06/2014	17:25	7	SE
29/06/2014	12:50	9	SE	29/06/2014	17:30	4	ESE
29/06/2014	12:55	5	SE	29/06/2014	17:35	6	SE
29/06/2014	13:00	5	SE	29/06/2014	17:40	9	SSE
29/06/2014	13:05	6	SE	29/06/2014	17:45	6	SE
29/06/2014	13:10	4	SSE	29/06/2014	17:50	6	SSE
29/06/2014	13:15	6	SE	29/06/2014	17:55	2	S

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

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
29/06/2014	18:00	2	SE	29/06/2014	22:40	6	SSE
29/06/2014	18:05	4	ESE	29/06/2014	22:45	7	SSE
29/06/2014	18:10	2	WNW	29/06/2014	22:50	7	SE
29/06/2014	18:15	7	SE	29/06/2014	22:55	7	SSE
29/06/2014	18:20	8	SE	29/06/2014	23:00	6	S
29/06/2014	18:25	7	ESE	29/06/2014	23:05	5	SE
29/06/2014	18:30	5	SSE	29/06/2014	23:10	4	SSE
29/06/2014	18:35	5	SSE	29/06/2014	23:15	7	SSE
29/06/2014	18:40	6	SSE	29/06/2014	23:20	8	SE
29/06/2014	18:45	6	SE	29/06/2014	23:25	9	SE
29/06/2014	18:50	8	SE	29/06/2014	23:30	7	SSE
29/06/2014	18:55	9	SE	29/06/2014	23:35	7	SSE
29/06/2014	19:00	8	SE	29/06/2014	23:40	6	SE
29/06/2014	19:05	7	SSE	29/06/2014	23:45	6	SE
29/06/2014	19:10	10	SSE	29/06/2014	23:50	6	SE
29/06/2014	19:15	8	ESE	29/06/2014	23:55	5	SE
29/06/2014	19:20	5	SSE	30/06/2014	00:00	6	SE
29/06/2014	19:25	5	SSE	30/06/2014	00:05	7	SE
29/06/2014	19:30	6	SSE	30/06/2014	00:10	7	SSE
29/06/2014	19:35	7	SE	30/06/2014	00:15	7	SE
29/06/2014	19:40	7	SE	30/06/2014	00:20	6	SSE
29/06/2014	19:45	8	SE	30/06/2014	00:25	7	SE
29/06/2014	19:50	7	SE	30/06/2014	00:30	5	SSW
29/06/2014	19:55	7	SE	30/06/2014	00:35	5	SW
29/06/2014	20:00	9	SE	30/06/2014	00:40	8	S
29/06/2014	20:05	8	SSE	30/06/2014	00:45	7	SSE
29/06/2014	20:10	8	SE	30/06/2014	00:50	6	SE
29/06/2014	20:15	9	SE	30/06/2014	00:55	7	SE
29/06/2014	20:20	10	SE	30/06/2014	01:00	6	SE
29/06/2014	20:25	6	SE	30/06/2014	01:05	11	SSE
29/06/2014	20:30	9	SSE	30/06/2014	01:10	8	SSE
29/06/2014	20:35	8	SE	30/06/2014	01:15	4	NNW
29/06/2014	20:40	8	SE	30/06/2014	01:20	5	SSE
29/06/2014	20:45	7	SE	30/06/2014	01:25	6	SSW
29/06/2014	20:50	8	SE	30/06/2014	01:30	8	SSE
29/06/2014	20:55	7	SE	30/06/2014	01:35	6	SSE
29/06/2014	21:00	7	SE	30/06/2014	01:40	8	SSE
29/06/2014	21:05	8	SE	30/06/2014	01:45	5	SSE
29/06/2014	21:10	5	SE	30/06/2014	01:50	6	ESE
29/06/2014	21:15	5	SE	30/06/2014	01:55	5	S
29/06/2014	21:20	8	SSE	30/06/2014	02:00	5	ESE
29/06/2014	21:25	8	SE	30/06/2014	02:05	5	SSE
29/06/2014	21:30	6	SE	30/06/2014	02:10	4	S
29/06/2014	21:35	7	SSE	30/06/2014	02:15	7	SE
29/06/2014	21:40	5	ESE	30/06/2014	02:20	5	SSE
29/06/2014	21:45	6	SE	30/06/2014	02:25	7	SE
29/06/2014	21:50	6	SSE	30/06/2014	02:30	6	SE
29/06/2014	21:55	4	SSW	30/06/2014	02:35	5	SE
29/06/2014	22:00	5	SSE	30/06/2014	02:40	5	SE
29/06/2014	22:05	6	SSE	30/06/2014	02:45	6	SE
29/06/2014	22:10	5	SSE	30/06/2014	02:50	6	ESE
29/06/2014	22:15	6	SSE	30/06/2014	02:55	8	SE
29/06/2014	22:20	6	SE	30/06/2014	03:00	6	SE
29/06/2014	22:25	4	S	30/06/2014	03:05	8	SE
29/06/2014	22:30	5	ESE	30/06/2014	03:10	7	SSE
29/06/2014	22:35	6	SSE	30/06/2014	03:15	6	SE

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

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

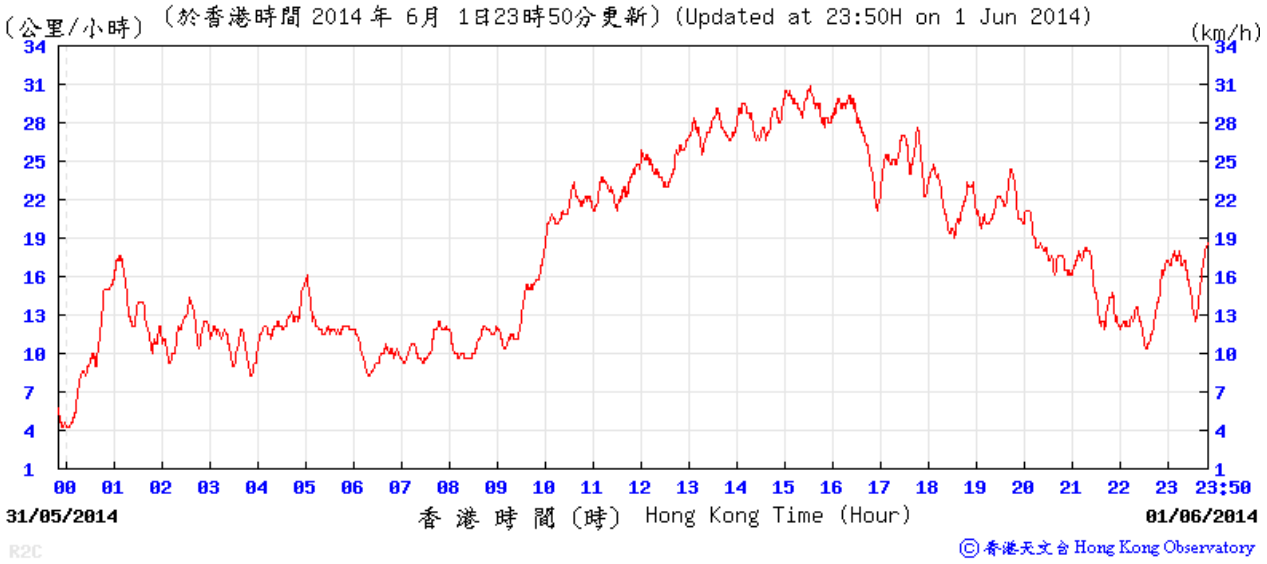
Extracted from the weather station at Tung Chung China State Site Office Rooftop

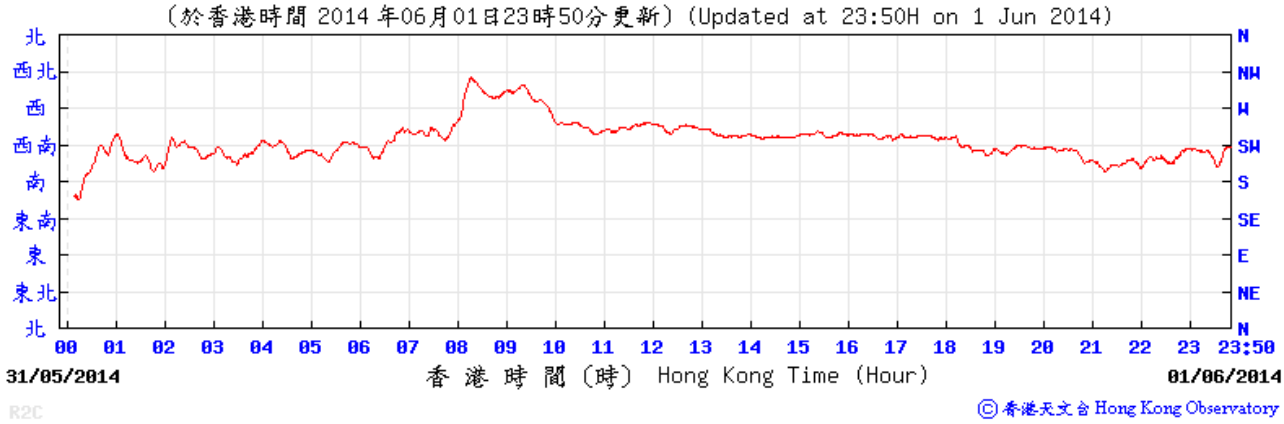
Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
30/06/2014	12:40	7	SSE	30/06/2014	17:20	3	S
30/06/2014	12:45	5	SSE	30/06/2014	17:25	3	SE
30/06/2014	12:50	5	SSE	30/06/2014	17:30	2	SE
30/06/2014	12:55	6	SSE	30/06/2014	17:35	2	NE
30/06/2014	13:00	7	SSE	30/06/2014	17:40	1	E
30/06/2014	13:05	6	N	30/06/2014	17:45	3	E
30/06/2014	13:10	6	SE	30/06/2014	17:50	2	SE
30/06/2014	13:15	4	NNE	30/06/2014	17:55	7	ESE
30/06/2014	13:20	4	S	30/06/2014	18:00	3	S
30/06/2014	13:25	4	ENE	30/06/2014	18:05	2	E
30/06/2014	13:30	3	ESE	30/06/2014	18:10	4	SE
30/06/2014	13:35	4	NNW	30/06/2014	18:15	5	SSE
30/06/2014	13:40	6	ESE	30/06/2014	18:20	4	W
30/06/2014	13:45	7	SE	30/06/2014	18:25	4	SE
30/06/2014	13:50	6	SSE	30/06/2014	18:30	3	SSE
30/06/2014	13:55	4	SSE	30/06/2014	18:35	3	SE
30/06/2014	14:00	4	ESE	30/06/2014	18:40	4	SE
30/06/2014	14:05	4	S	30/06/2014	18:45	5	SE
30/06/2014	14:10	5	E	30/06/2014	18:50	5	SE
30/06/2014	14:15	5	E	30/06/2014	18:55	6	SE
30/06/2014	14:20	4	E	30/06/2014	19:00	5	SE
30/06/2014	14:25	6	ENE	30/06/2014	19:05	8	SE
30/06/2014	14:30	5	ESE	30/06/2014	19:10	8	SE
30/06/2014	14:35	4	NE	30/06/2014	19:15	6	SE
30/06/2014	14:40	4	NW	30/06/2014	19:20	8	ESE
30/06/2014	14:45	4	S	30/06/2014	19:25	7	E
30/06/2014	14:50	2	NE	30/06/2014	19:30	6	ESE
30/06/2014	14:55	4	ESE	30/06/2014	19:35	5	ESE
30/06/2014	15:00	3	ESE	30/06/2014	19:40	3	SE
30/06/2014	15:05	4	SE	30/06/2014	19:45	5	SE
30/06/2014	15:10	3	S	30/06/2014	19:50	5	SE
30/06/2014	15:15	4	WSW	30/06/2014	19:55	5	SE
30/06/2014	15:20	5	NNE	30/06/2014	20:00	6	SE
30/06/2014	15:25	5	ESE	30/06/2014	20:05	7	ESE
30/06/2014	15:30	2	ESE	30/06/2014	20:10	7	SE
30/06/2014	15:35	5	NE	30/06/2014	20:15	7	SE
30/06/2014	15:40	3	E	30/06/2014	20:20	5	SE
30/06/2014	15:45	2	E	30/06/2014	20:25	4	ESE
30/06/2014	15:50	4	NE	30/06/2014	20:30	5	ESE
30/06/2014	15:55	3	ENE	30/06/2014	20:35	7	SE
30/06/2014	16:00	3	ENE	30/06/2014	20:40	7	SE
30/06/2014	16:05	3	SE	30/06/2014	20:45	6	SE
30/06/2014	16:10	3	ESE	30/06/2014	20:50	6	SE
30/06/2014	16:15	4	ESE	30/06/2014	20:55	5	SE
30/06/2014	16:20	3	S	30/06/2014	21:00	2	SE
30/06/2014	16:25	2	S	30/06/2014	21:05	4	E
30/06/2014	16:30	3	ESE	30/06/2014	21:10	2	ESE
30/06/2014	16:35	3	SSE	30/06/2014	21:15	5	SE
30/06/2014	16:40	4	SE	30/06/2014	21:20	6	SE
30/06/2014	16:45	2	SE	30/06/2014	21:25	6	SE
30/06/2014	16:50	3	ENE	30/06/2014	21:30	4	SE
30/06/2014	16:55	4	SE	30/06/2014	21:35	6	SE
30/06/2014	17:00	4	SSE	30/06/2014	21:40	5	SE
30/06/2014	17:05	4	SE	30/06/2014	21:45	4	SE
30/06/2014	17:10	6	SE	30/06/2014	21:50	4	SE
30/06/2014	17:15	6	ESE	30/06/2014	21:55	6	SSE

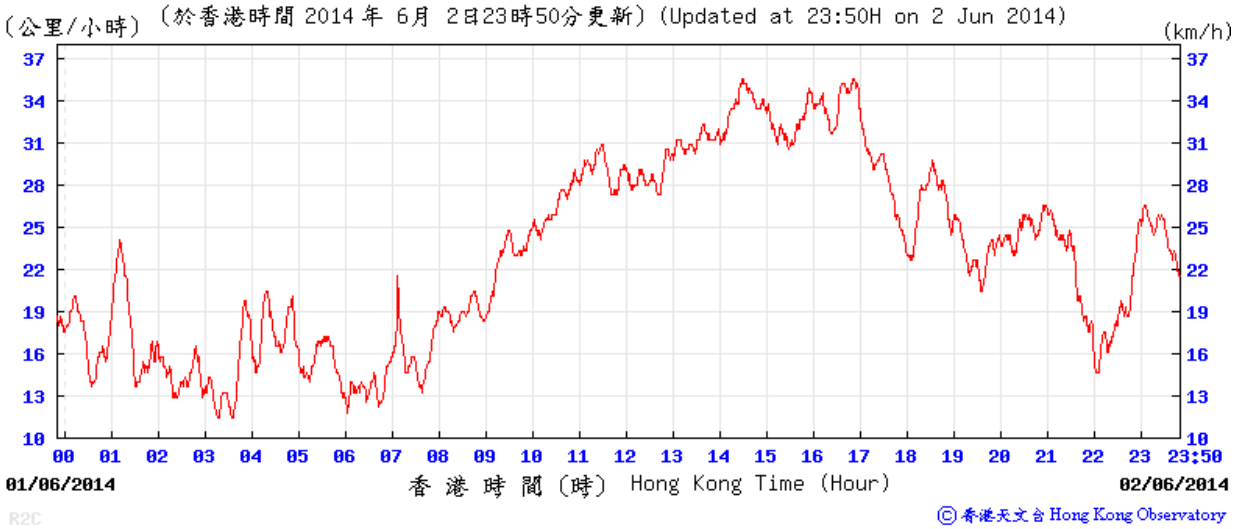
Extracted from the weather station at Tung Chung China State Site Office Rooftop

Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (mph)	Wind Direction
30/06/2014	22:00	5	ESE				
30/06/2014	22:05	3	SE				
30/06/2014	22:10	3	SE				
30/06/2014	22:15	4	SE				
30/06/2014	22:20	4	ESE				
30/06/2014	22:25	5	SE				
30/06/2014	22:30	7	SSE				
30/06/2014	22:35	6	SSE				
30/06/2014	22:40	7	SSE				
30/06/2014	22:45	4	SE				
30/06/2014	22:50	4	S				
30/06/2014	22:55	6	SE				
30/06/2014	23:00	5	SE				
30/06/2014	23:05	4	SSE				
30/06/2014	23:10	6	SSE				
30/06/2014	23:15	4	SSE				
30/06/2014	23:20	3	SSE				
30/06/2014	23:25	5	SSE				
30/06/2014	23:30	3	SSE				
30/06/2014	23:35	4	SSE				
30/06/2014	23:40	4	SE				
30/06/2014	23:45	4	SSE				
30/06/2014	23:50	5	SSE				
30/06/2014	23:55	5	SSE				
01/07/2014	00:00	2	SSE				

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







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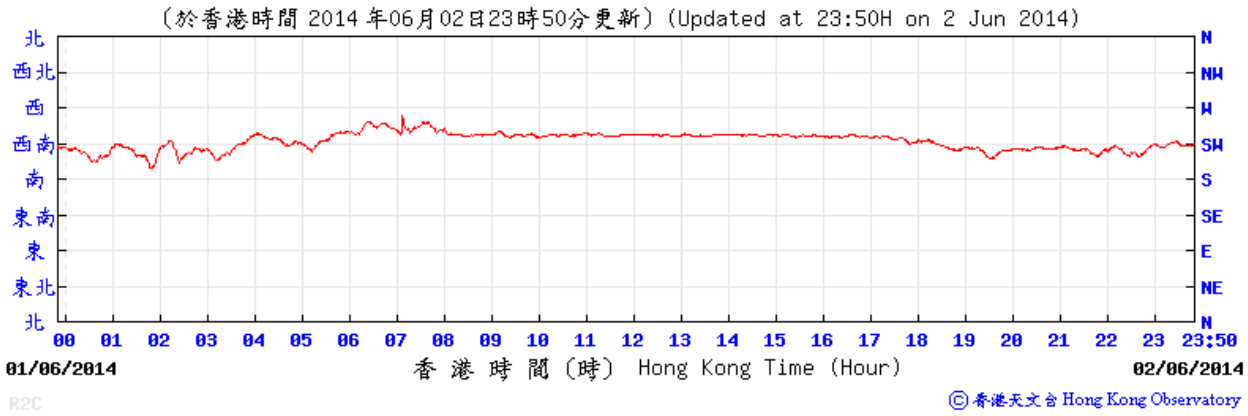
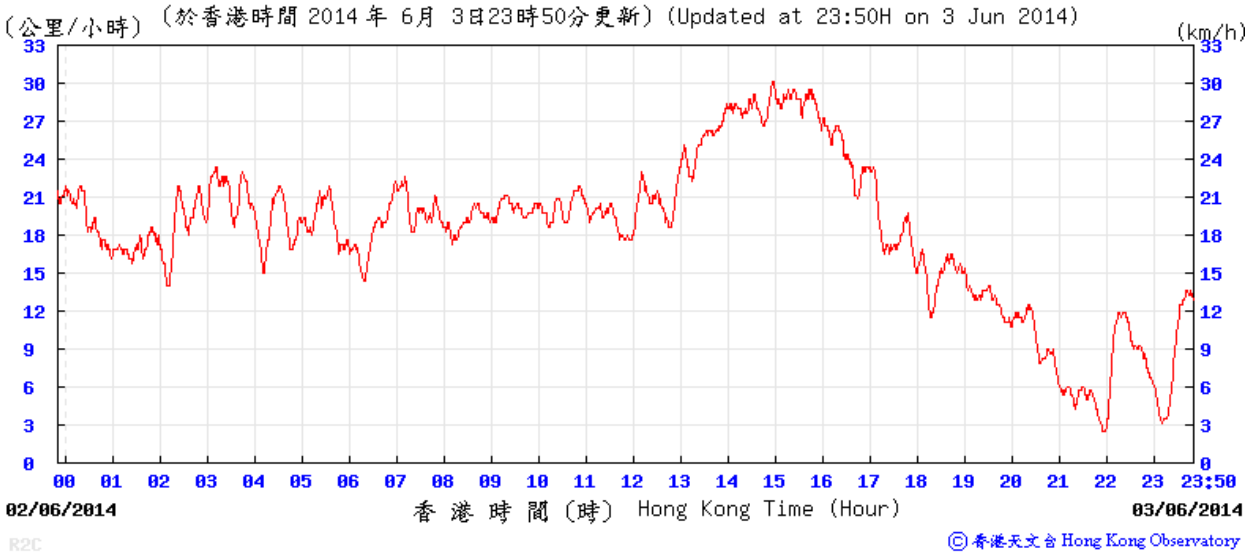
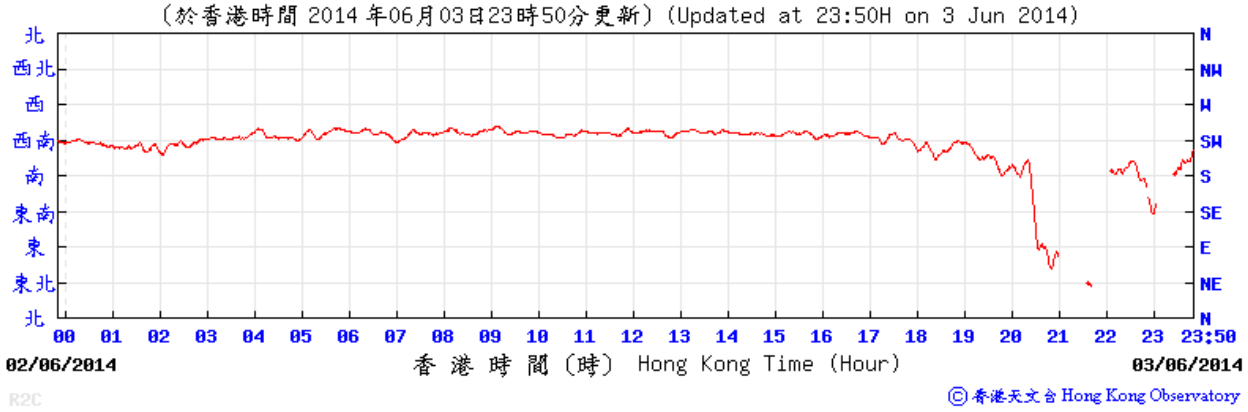
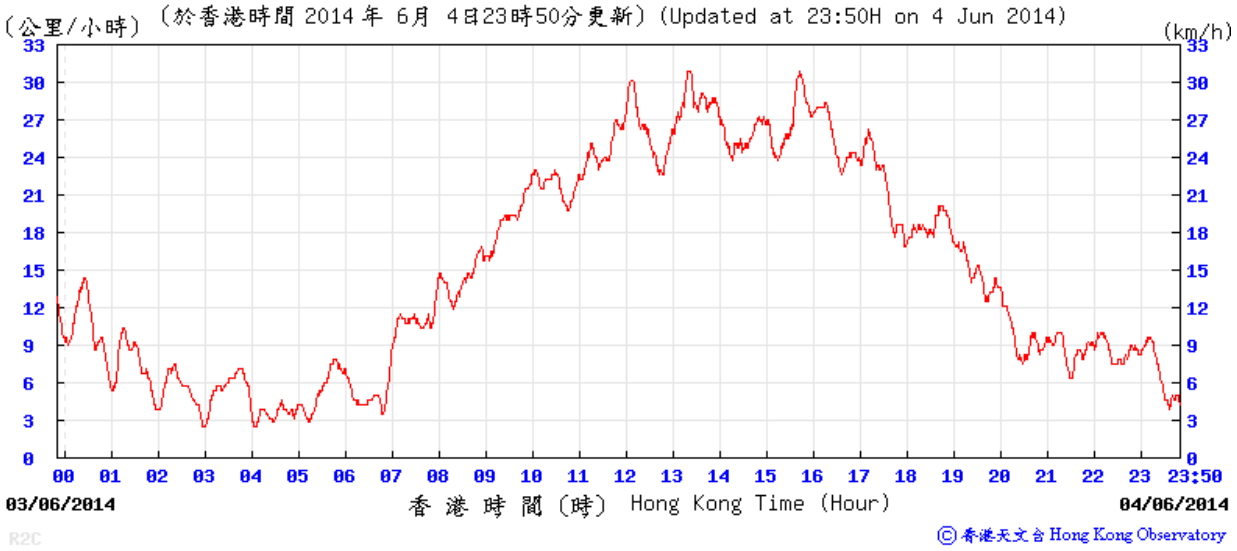
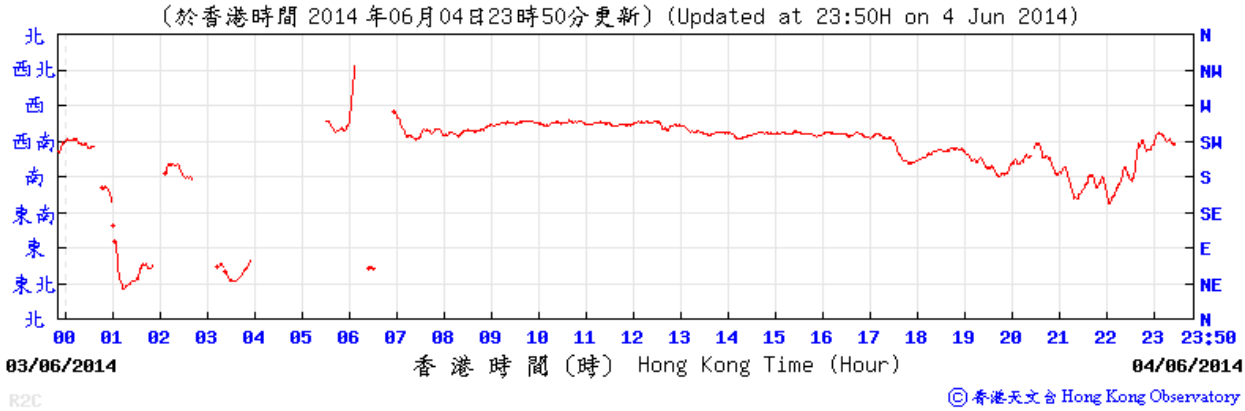






Wind data of Hong Kong Observatory's Chek Lap Kok weather station





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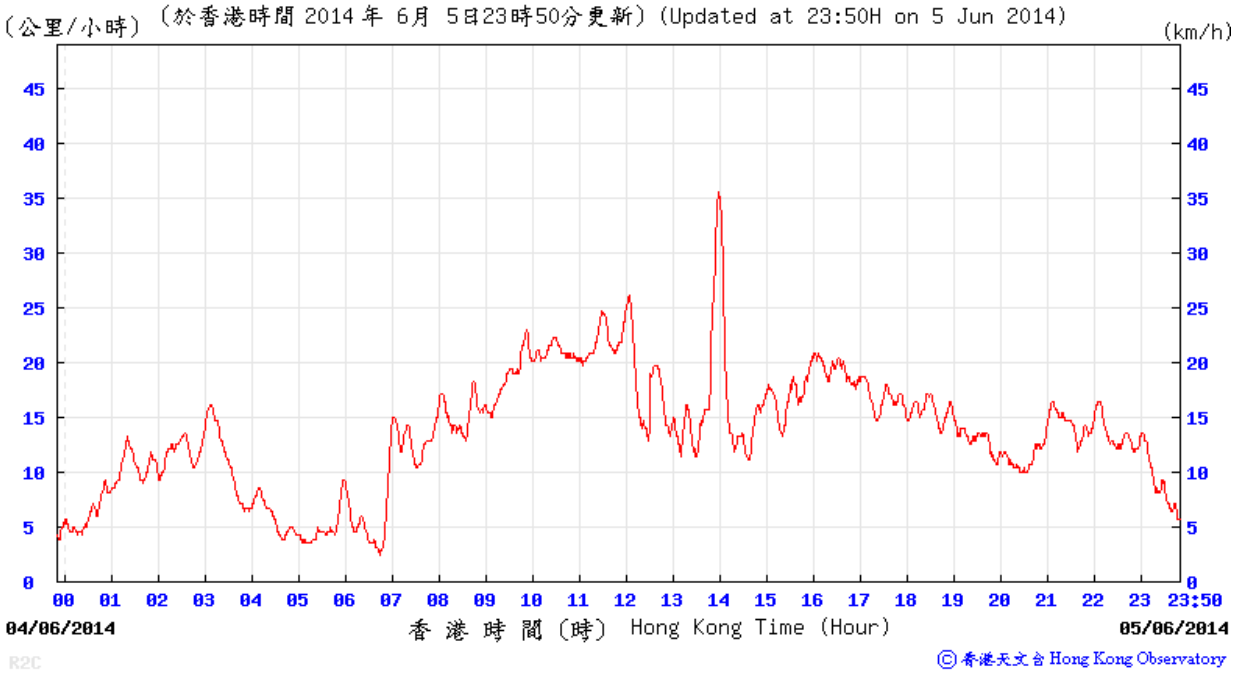

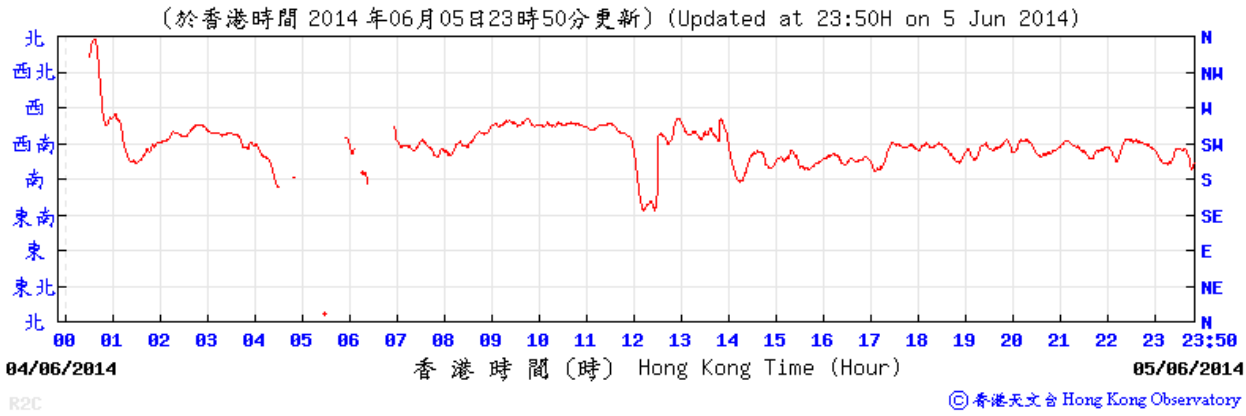

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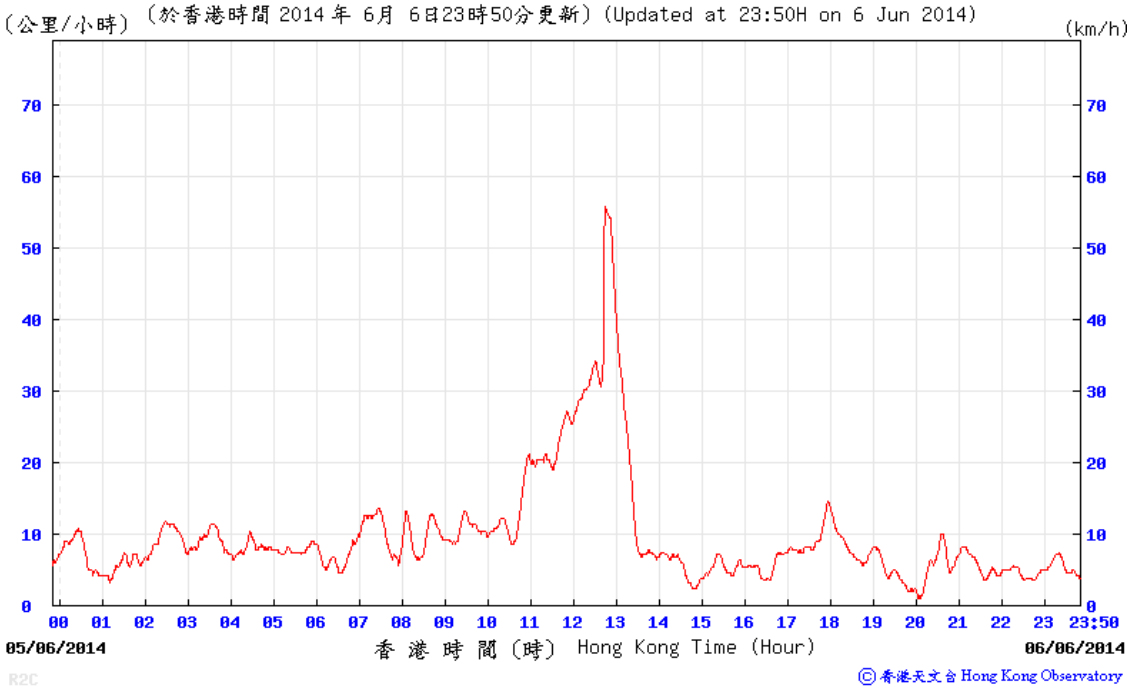
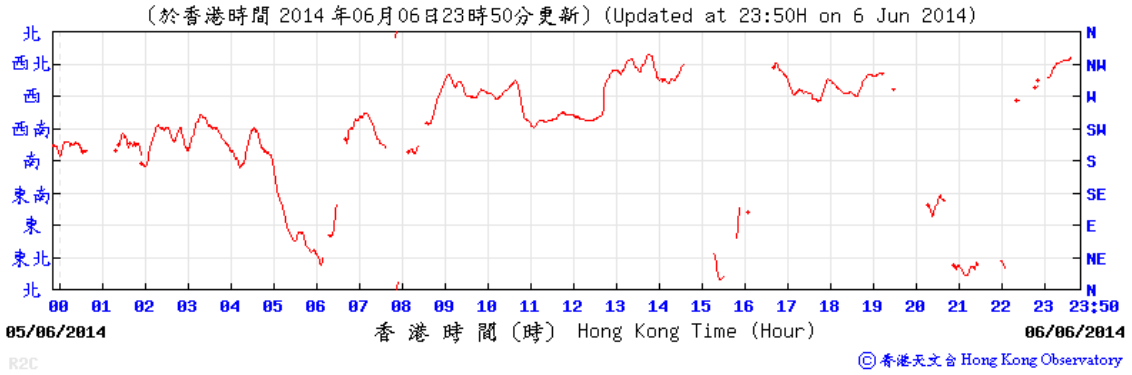




APPENDIX H

Dolphin Monitoring Results

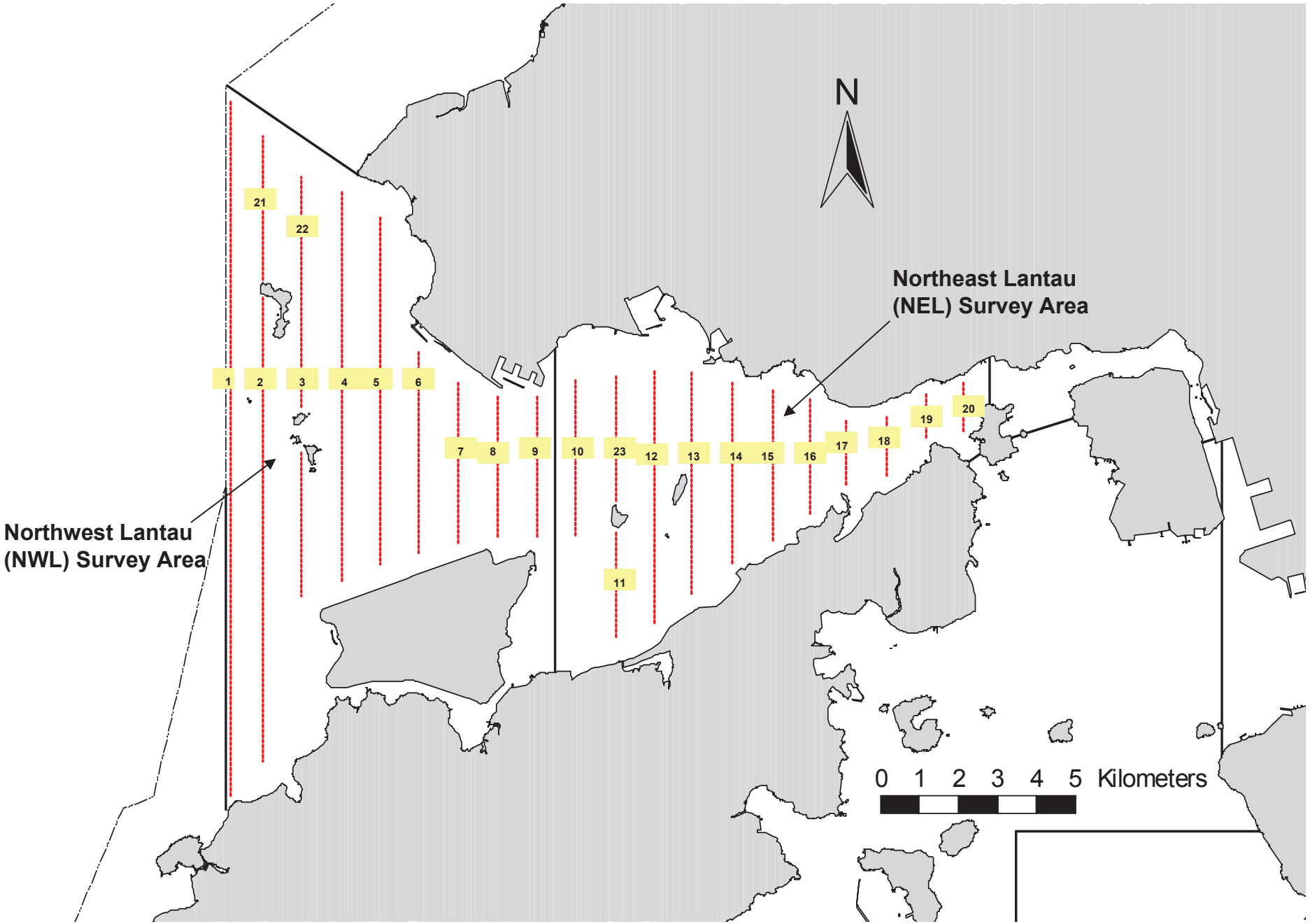


Figure 1. Transect Line Layout in Northwest and Northeast Lantau Survey Areas

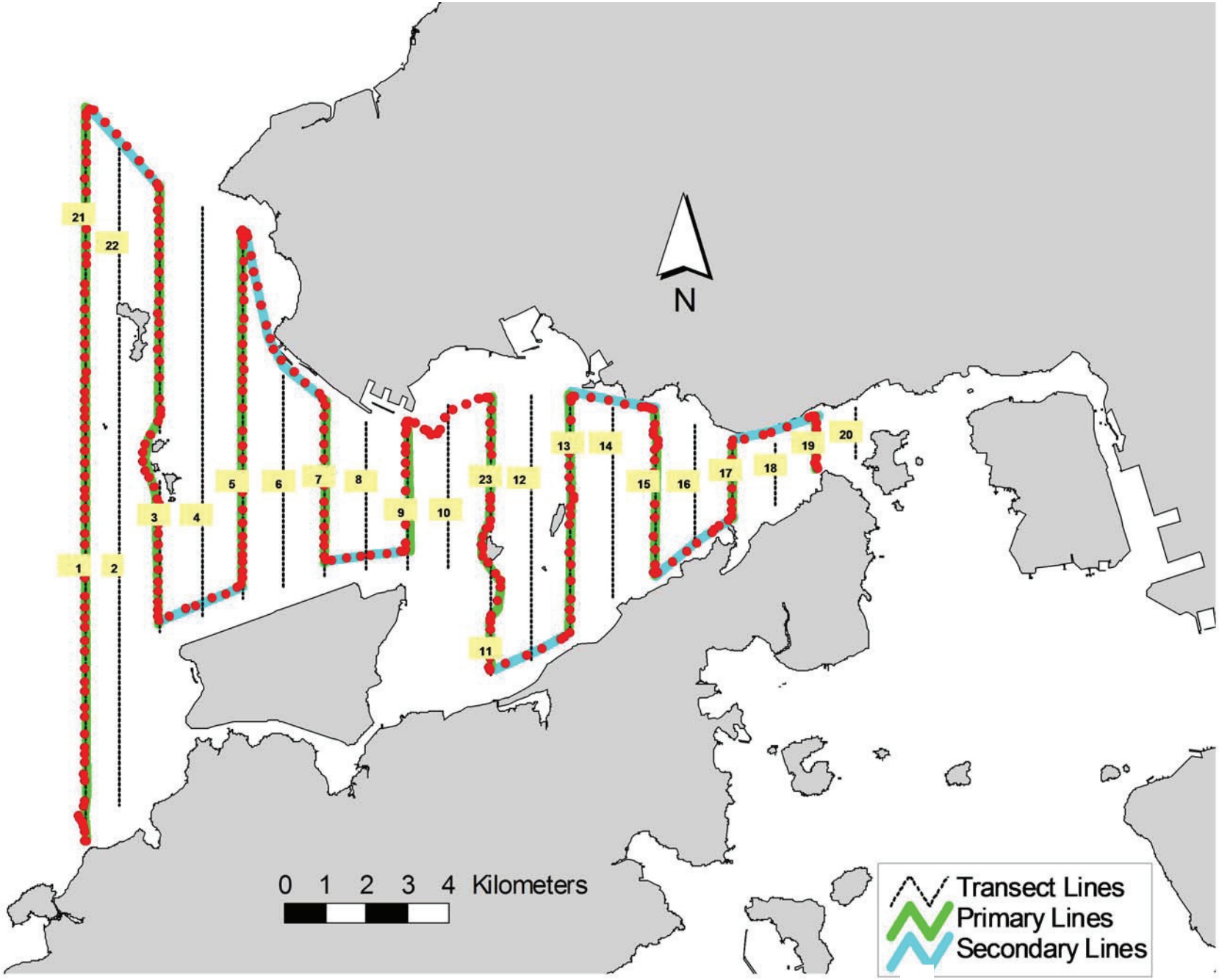


Figure 2. Survey Route on June 3rd, 2014

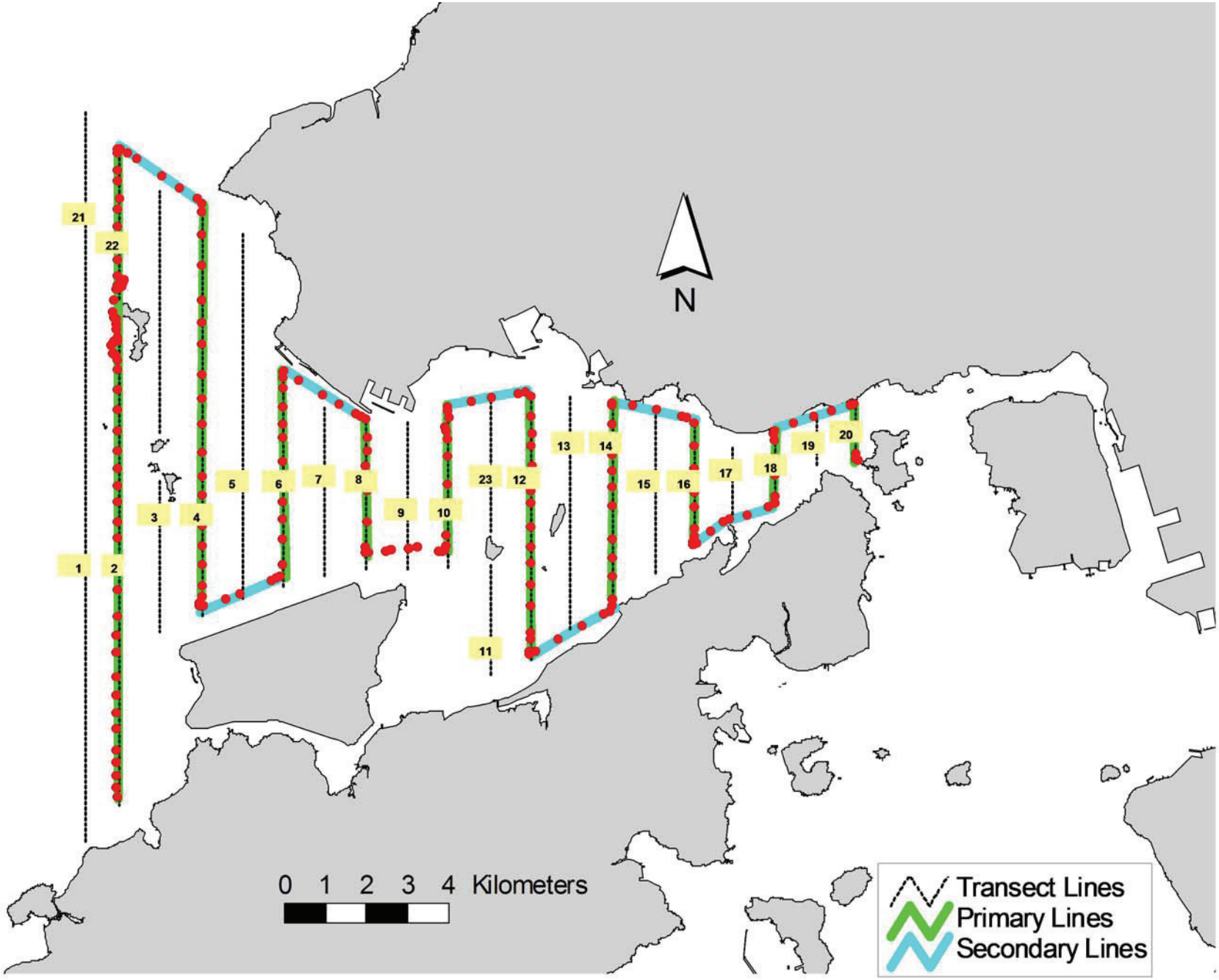


Figure 3. Survey Route on June 5th, 2014

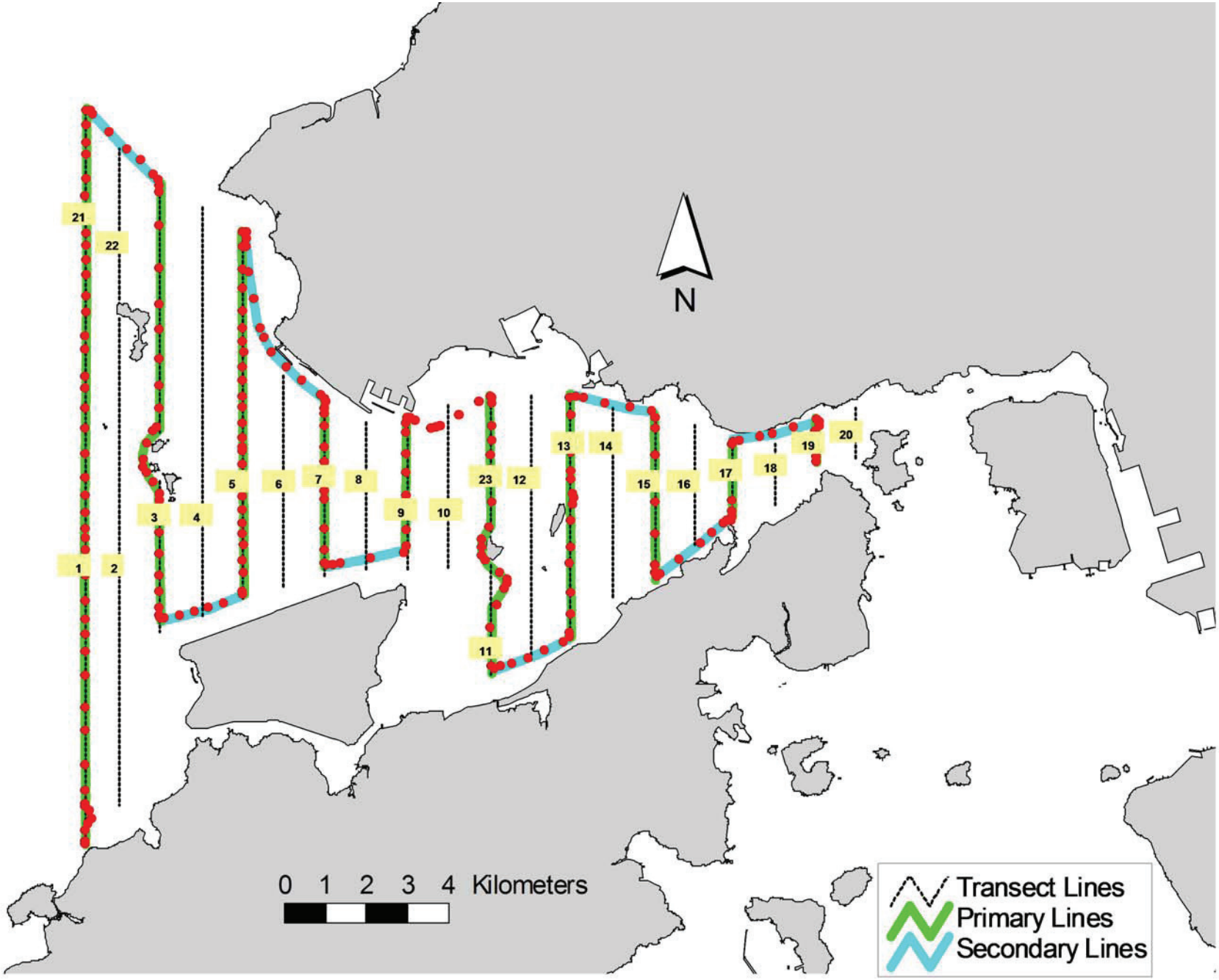


Figure 4. Survey Route on June 10th, 2014

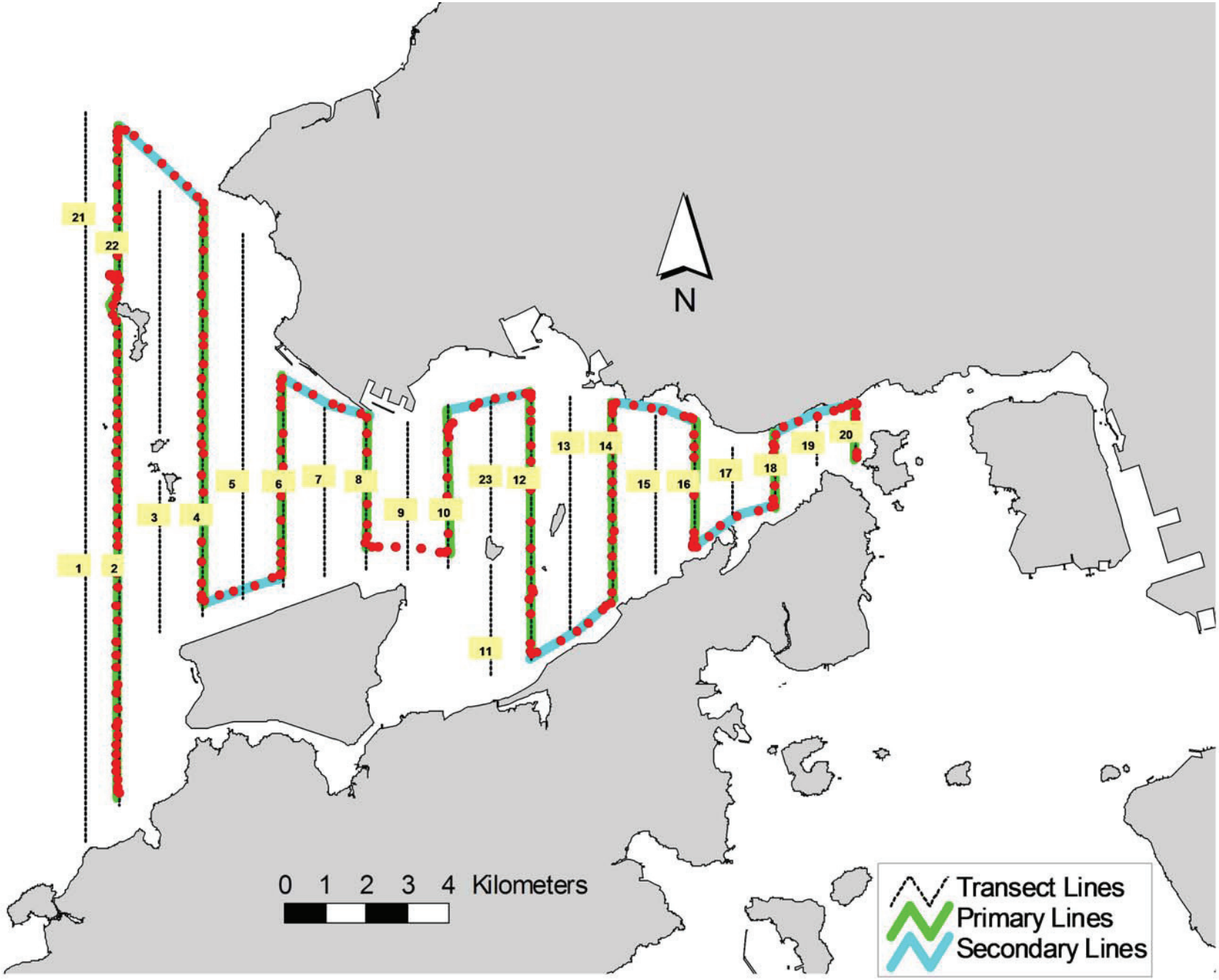


Figure 5. Survey Route on June 16th, 2014

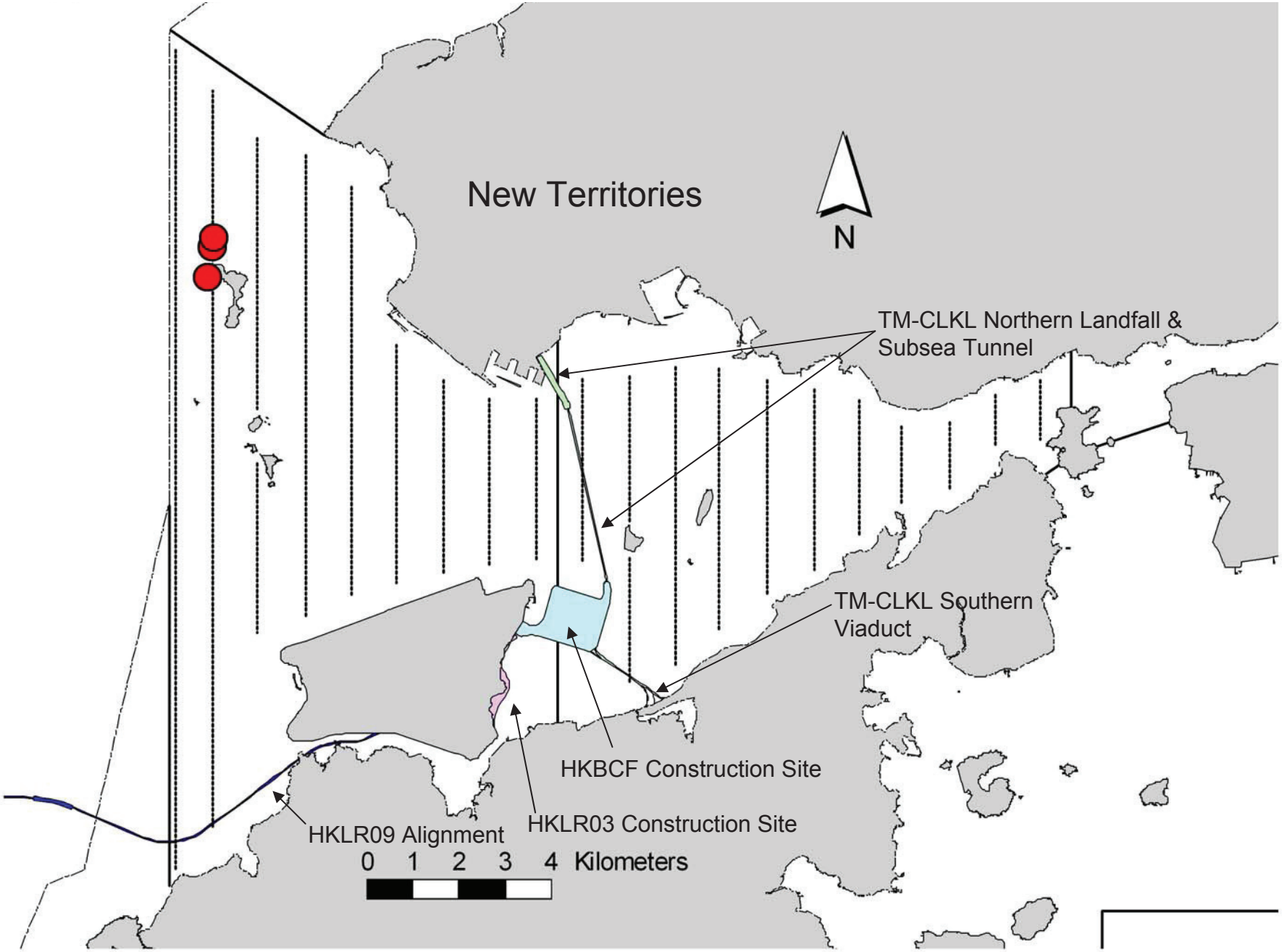


Figure 6. Distribution of Chinese White Dolphin Sightings During June 2014 HKLR03 Monitoring Surveys

Annex I. HKLR03 Survey Effort Database (June 2014)

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

DATE	AREA	BEAU	EFFORT	SEASON	VESSEL	TYPE	P/S
3-Jun-14	NE LANTAU	2	14.31	SUMMER	STANDARD31516	HKLR	P
3-Jun-14	NE LANTAU	3	2.60	SUMMER	STANDARD31516	HKLR	P
3-Jun-14	NE LANTAU	2	10.89	SUMMER	STANDARD31516	HKLR	S
3-Jun-14	NW LANTAU	2	6.52	SUMMER	STANDARD31516	HKLR	P
3-Jun-14	NW LANTAU	3	23.00	SUMMER	STANDARD31516	HKLR	P
3-Jun-14	NW LANTAU	4	10.70	SUMMER	STANDARD31516	HKLR	P
3-Jun-14	NW LANTAU	2	3.78	SUMMER	STANDARD31516	HKLR	S
3-Jun-14	NW LANTAU	3	9.70	SUMMER	STANDARD31516	HKLR	S
5-Jun-14	NE LANTAU	1	5.65	SUMMER	STANDARD31516	HKLR	P
5-Jun-14	NE LANTAU	2	10.52	SUMMER	STANDARD31516	HKLR	P
5-Jun-14	NE LANTAU	3	4.20	SUMMER	STANDARD31516	HKLR	P
5-Jun-14	NE LANTAU	1	2.20	SUMMER	STANDARD31516	HKLR	S
5-Jun-14	NE LANTAU	2	6.23	SUMMER	STANDARD31516	HKLR	S
5-Jun-14	NE LANTAU	3	2.10	SUMMER	STANDARD31516	HKLR	S
5-Jun-14	NW LANTAU	2	13.90	SUMMER	STANDARD31516	HKLR	P
5-Jun-14	NW LANTAU	3	16.56	SUMMER	STANDARD31516	HKLR	P
5-Jun-14	NW LANTAU	2	3.70	SUMMER	STANDARD31516	HKLR	S
5-Jun-14	NW LANTAU	3	3.61	SUMMER	STANDARD31516	HKLR	S
10-Jun-14	NW LANTAU	2	6.21	SUMMER	STANDARD31516	HKLR	P
10-Jun-14	NW LANTAU	3	31.70	SUMMER	STANDARD31516	HKLR	P
10-Jun-14	NW LANTAU	4	2.50	SUMMER	STANDARD31516	HKLR	P
10-Jun-14	NW LANTAU	2	9.29	SUMMER	STANDARD31516	HKLR	S
10-Jun-14	NW LANTAU	3	4.10	SUMMER	STANDARD31516	HKLR	S
10-Jun-14	NE LANTAU	2	12.34	SUMMER	STANDARD31516	HKLR	P
10-Jun-14	NE LANTAU	3	3.50	SUMMER	STANDARD31516	HKLR	P
10-Jun-14	NE LANTAU	2	10.53	SUMMER	STANDARD31516	HKLR	S
10-Jun-14	NE LANTAU	3	0.73	SUMMER	STANDARD31516	HKLR	S
16-Jun-14	NW LANTAU	2	3.11	SUMMER	STANDARD31516	HKLR	P
16-Jun-14	NW LANTAU	3	13.98	SUMMER	STANDARD31516	HKLR	P
16-Jun-14	NW LANTAU	4	14.31	SUMMER	STANDARD31516	HKLR	P
16-Jun-14	NW LANTAU	3	4.28	SUMMER	STANDARD31516	HKLR	S
16-Jun-14	NW LANTAU	4	3.43	SUMMER	STANDARD31516	HKLR	S
16-Jun-14	NE LANTAU	1	1.40	SUMMER	STANDARD31516	HKLR	P
16-Jun-14	NE LANTAU	2	18.35	SUMMER	STANDARD31516	HKLR	P
16-Jun-14	NE LANTAU	1	0.30	SUMMER	STANDARD31516	HKLR	S
16-Jun-14	NE LANTAU	2	10.55	SUMMER	STANDARD31516	HKLR	S

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

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

DATE	STG #	TIME	HRD SZ	AREA	BEAU	PSD	EFFORT	TYPE	NORTHING	EASTING	SEASON	BOAT ASSOC.	P/S
05-Jun-14	1	1400	3	NW LANTAU	3	184	ON	HKLR	827350	805448	SUMMER	NONE	P
05-Jun-14	2	1413	3	NW LANTAU	3	20	ON	HKLR	826719	805344	SUMMER	NONE	S
16-Jun-14	1	1408	1	NW LANTAU	3	ND	OFF	HKLR	827538	805459	SUMMER	NONE	N/A

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

ID#	DATE	STG#	AREA
NL272	05/06/14	1	NW LANTAU
NL136	05/06/14	2	NW LANTAU
NL272	05/06/14	2	NW LANTAU

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

APPENDIX I

Mudflat Monitoring Results

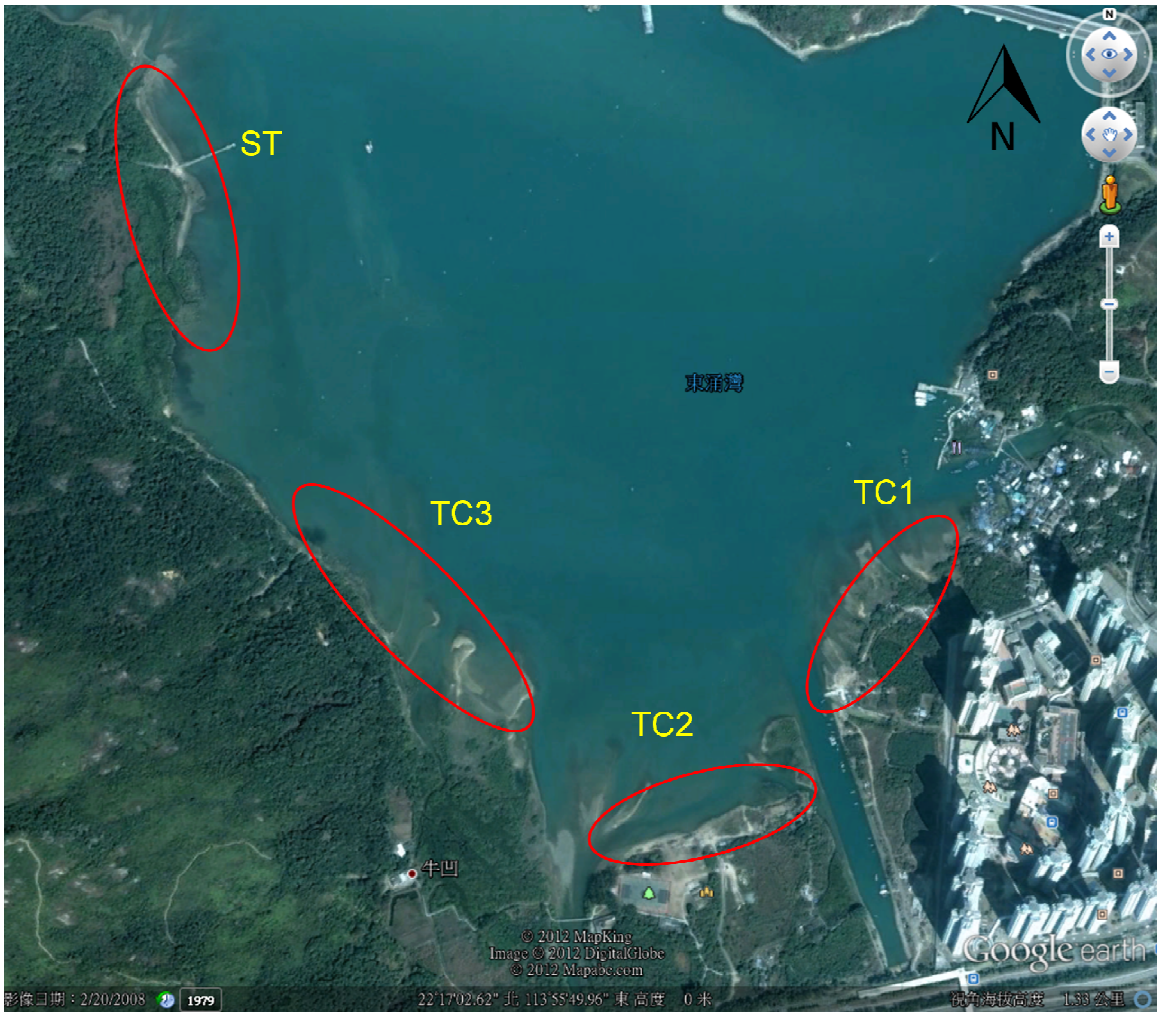


Figure 2.1. *The study site was divided into three sampling zones (TC1, TC2, TC3) in Tung Chung Bay and one zone in San Tau (ST) (map generated from Google Map).*

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

Ind. #	Sub.	GPS coordinate		Record of prosomal width (mm)							
Sampling site TC1 (Search hour = 2 hrs)											
Carcinoscorpius rotundicauda											
1	M	22° 17.015' N	113° 55.978' E	49.65							
5	S	22° 17.006' N	113° 55.988' E	14.39	48.53	49.93	51.91	52.25			
1	S	22° 17.005' N	113° 55.990' E	14.82							
1	S	22° 17.007' N	113° 55.992' E	51.83							
1	S	22° 17.012' N	113° 55.994' E	11.67							
1	S	22° 17.024' N	113° 55.981' E	44.22							
2	M	22° 17.039' N	113° 55.974' E	52.9	77.3						
8	M	22° 17.088' N	113° 56.047' E	31.61	33.5	48.06	48.91	50.93	55.37	64.99	72.09
1	M	22° 17.087' N	113° 56.049' E	47.41							
1	M	22° 17.083' N	113° 56.052' E	51.03							
1	M	22° 17.087' N	113° 56.057' E	43.94							
1	M	22° 17.091' N	113° 56.061' E	59.79							

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 in every sampling zone.*

Ind. #	Sub.	GPS coordinate		Record of prosomal width (mm)			
Sampling site TC2 (Search hour = 2 hrs)							
Carcinoscorpius rotundicauda							
1	S	22° 16.905' N	113° 55.859' E	36.19			
Sampling site TC3 (Search hour = 2 hrs)							
Carcinoscorpius rotundicauda							
1	S	22° 16.962' N	113° 55.693' E	33.23			
4	S	22° 16.947' N	113° 55.705' E	16.2	16.72	20.75	23.06
2	S	22° 16.952' N	113° 55.718' E	15.42	24.47		
4	S	22° 16.971' N	113° 55.680' E	11.78	14.92	21.55	24.17
1	S	22° 16.986' N	113° 55.652' E	31.22			
1	S	22° 16.952' N	113° 55.669' E	16.58			
1	S	22° 16.976' N	113° 55.649' E	10.67			
3	S	22° 17.005' N	113° 55.654' E	31.89	34.64	48.73	
1	S	22° 17.089' N	113° 55.577' E	50.17			
3	S	22° 17.064' N	113° 55.615' E	27.68	51.09	52.1	
1	M	22° 17.044' N	113° 55.632' E	49.15			

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 in every sampling zone.*

Ind. #	Sub.	GPS coordinate		Record of prosomal width (mm)		
Sampling site TC3 (Search hour = 2 hrs)						
Tachypleus tridentatus						
2	S	22° 17.087' N	113° 55.578' E	40.53	41.6	
2	S	22° 17.076' N	113° 55.606' E	36.92	45.93	
3	S	22° 17.065' N	113° 55.614' E	28.14	34.52	51.77
3	M	22° 17.050' N	113° 55.628' E	47.58	52.37	65.66
1	S	22° 17.025' N	113° 55.638' E	36.24		

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 in every sampling zone.*

Ind. #	Sub.	GPS coordinate		Record of prosomal width (mm)			
Sampling site ST (Search hour = 3 hrs)							
Carcinoscorpius rotundicauda							
3	S	22° 17.369' N	113° 55.481' E	42.75	51.78	55.9	
1	S	22° 17.255' N	113° 55.512' E	52.3			
4	S	22° 17.239' N	113° 55.497' E	44.11	46.16	50.6	60.15
1	S	22° 17.226' N	113° 55.497' E	20.73			
4	S	22° 17.216' N	113° 55.484' E	43.97	47.44	66.94	70.52
1	S	22° 17.210' N	113° 55.480' E	47.86			
3	S	22° 17.189' N	113° 55.492' E	44.91	47.23	58.67	
1	S	22° 17.190' N	113° 55.478' E	49.23			
2	S	22° 17.187' N	113° 55.475' E	50.99	61.91		
4	S	22° 17.173' N	113° 55.494' E	46.01	46.47	46.6	50.06
2	S	22° 17.147' N	113° 55.509' E	32.3	48.74		
3	M	22° 17.137' N	113° 55.530' E	62.38	82.89	84.84	
1	M	22° 17.104' N	113° 55.557' E	59.61			

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 in every sampling zone.*

Ind. #	Sub.	GPS coordinate		Record of prosomal width (mm)							
Sampling site ST (Search hour = 3 hrs)											
Tachypleus tridentatus											
1	S	22° 17.385' N	113° 55.459' E	48.52							
1	S	22° 17.370' N	113° 55.481' E	58.35							
1	S	22° 17.245' N	113° 55.513' E	53.61							
2	S	22° 17.226' N	113° 55.495' E	42.51	43.18						
5	S	22° 17.216' N	113° 55.483' E	57.56	64.71	66.71	68.62	69.75			
4	S	22° 17.211' N	113° 55.480' E	48.18	51.22	51.22	69.65				
3	S	22° 17.189' N	113° 55.492' E	65.08	65.15	68.5					
1	S	22° 17.190' N	113° 55.480' E	73.08							
1	S	22° 17.188' N	113° 55.480' E	65							
1	S	22° 17.172' N	113° 55.492' E	54.84							
1	S	22° 17.161' N	113° 55.482' E	56.94							
8	S	22° 17.151' N	113° 55.499' E	37.97	40.66	43.62	45.91	50.79	51.6	52.5	56.19
4	S	22° 17.143' N	113° 55.510' E	39.45	39.59	54.34	57.62				
1	S	22° 17.135' N	113° 55.511' E	30.46							

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 in every sampling zone.*

Ind. #	Sub.	GPS coordinate		Record of prosomal width (mm)			
Sampling site ST (Search hour = 3 hrs)							
Tachypleus tridentatus							
2	M	22° 17.136' N	113° 55.527' E	54.72	60.53		
4	M	22° 17.125' N	113° 55.544' E	28.83	39.44	39.67	39.71
1	M	22° 17.109' N	113° 55.555' E	40.81			
1	M	22° 17.100' N	113° 55.558' E	40.89			
2	M	22° 17.096' N	113° 55.565' E	40.12	41.25		

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

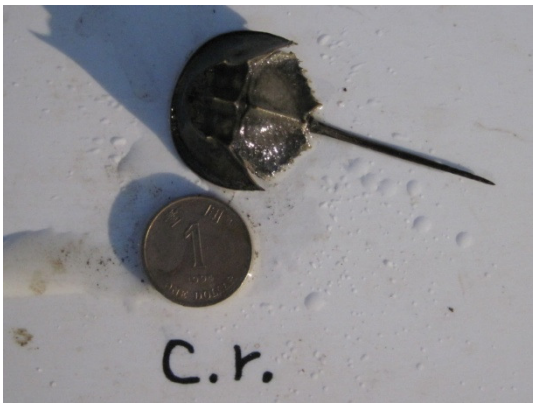
Sub.: Substratum type; G = Gravel and Boulders, M = Soft mud, S = Sand

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

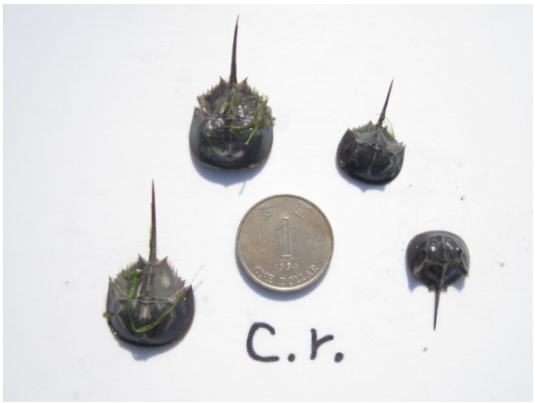
	TC1	TC2	TC3	ST
Search duration (hr)	2	2	2	3
Carcinoscorpius rotundicauda				
no. of individuals	24	1	22	30
mean prosomal width (mm)	46.96	36.19	28.46	52.47
max. prosomal width (mm)	77.30	36.19	52.10	84.84
min. prosomal width (mm)	11.67	36.19	10.67	20.73
Search record (ind. hr-1 person-1)	6.0	0.3	5.5	5.0
Tachypleus tridentatus				
no. of individuals			11	44
mean prosomal width (mm)			43.75	51.57
max. prosomal width (mm)	N.A.	N.A.	65.66	73.08
min. prosomal width (mm)			28.14	28.83
Search record (ind. hr-1 person-1)			2.8	7.3

TC1 *Carcinoscorpius rotundicauda*

TC2 *Carcinoscorpius rotundicauda*



TC3 *Carcinoscorpius rotundicauda*



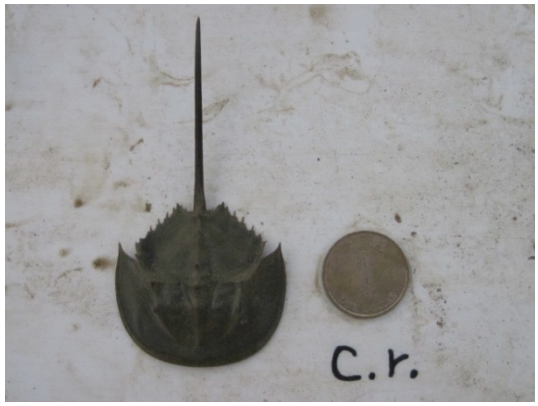
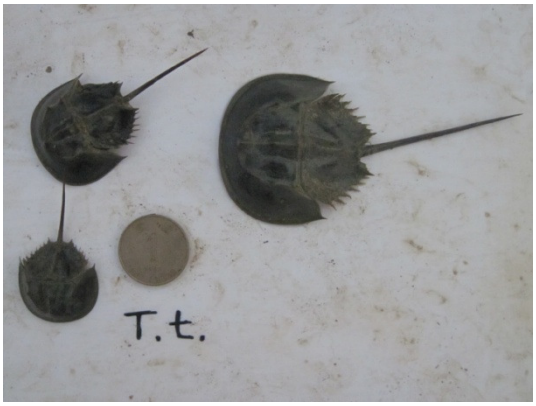
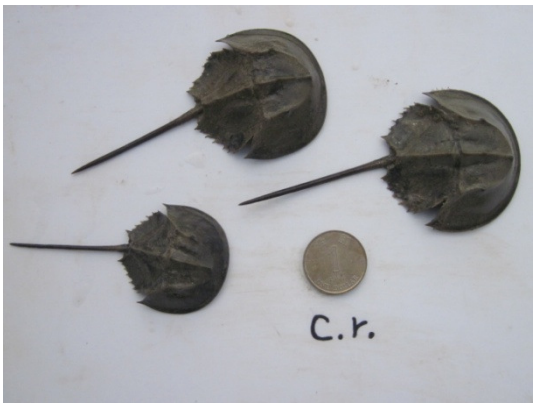


Figure 3.1. *Examples of photographic records of horseshoe crab Carcinoscorpius rotundicauda and Tachypleus tridentatus (13 & 16 Jun. 2014)*

TC3 *Tachypleus tridentatus*



ST *Carcinoscorpius rotundicauda*



ST *Tachypleus tridentatus*

Figure 3.1 (Cont'd). *Examples of photographic records of horseshoe crab Carcinoscorpius rotundicauda and Tachypleus tridentatus (13 & 16 Jun. 2014)*

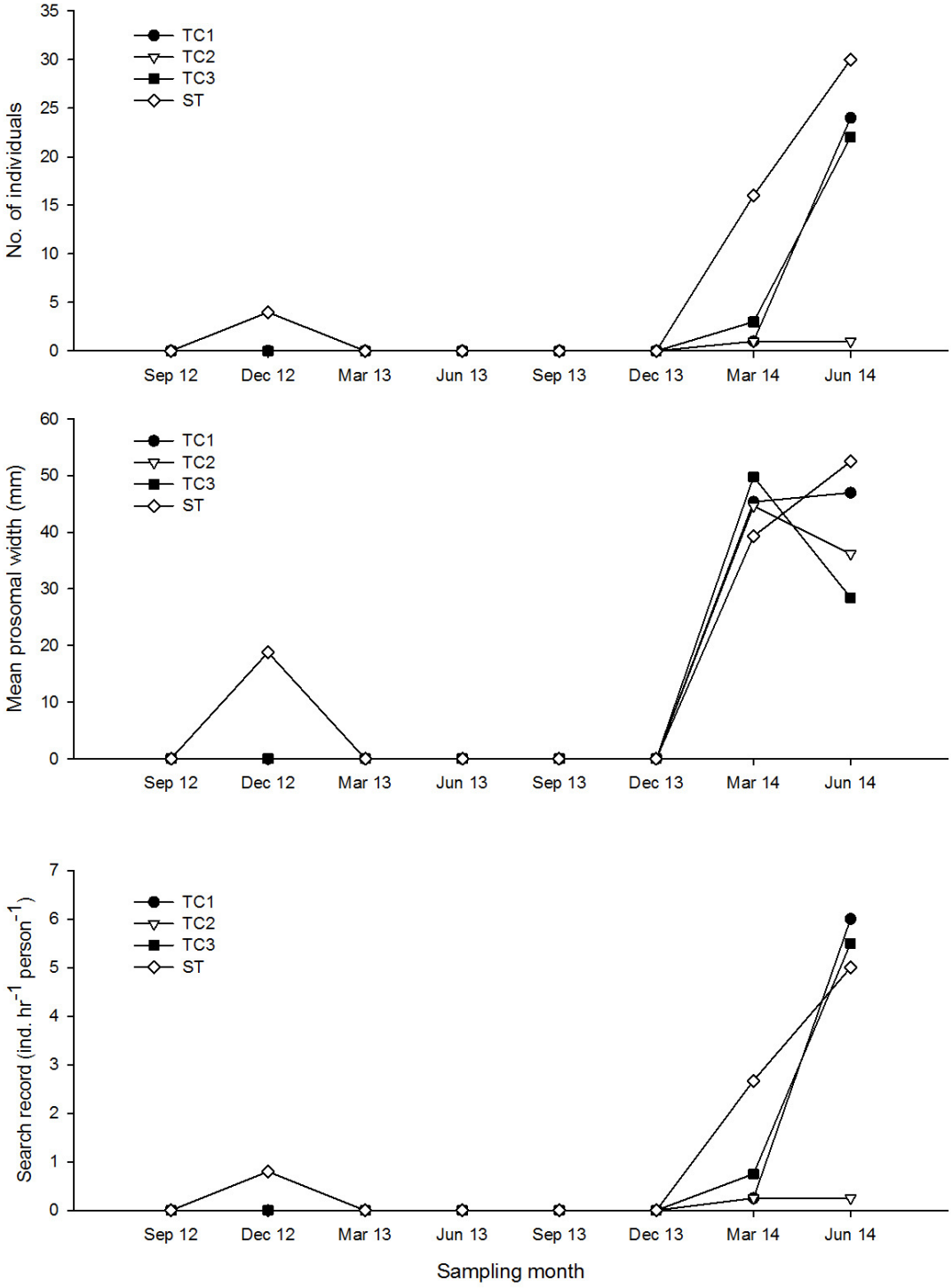


Figure 3.2. *Changes of number of individuals, mean prosomal width and search record of horseshoe crab Carcinoscorpius rotundicauda in every sampling zones along the sampling months.*

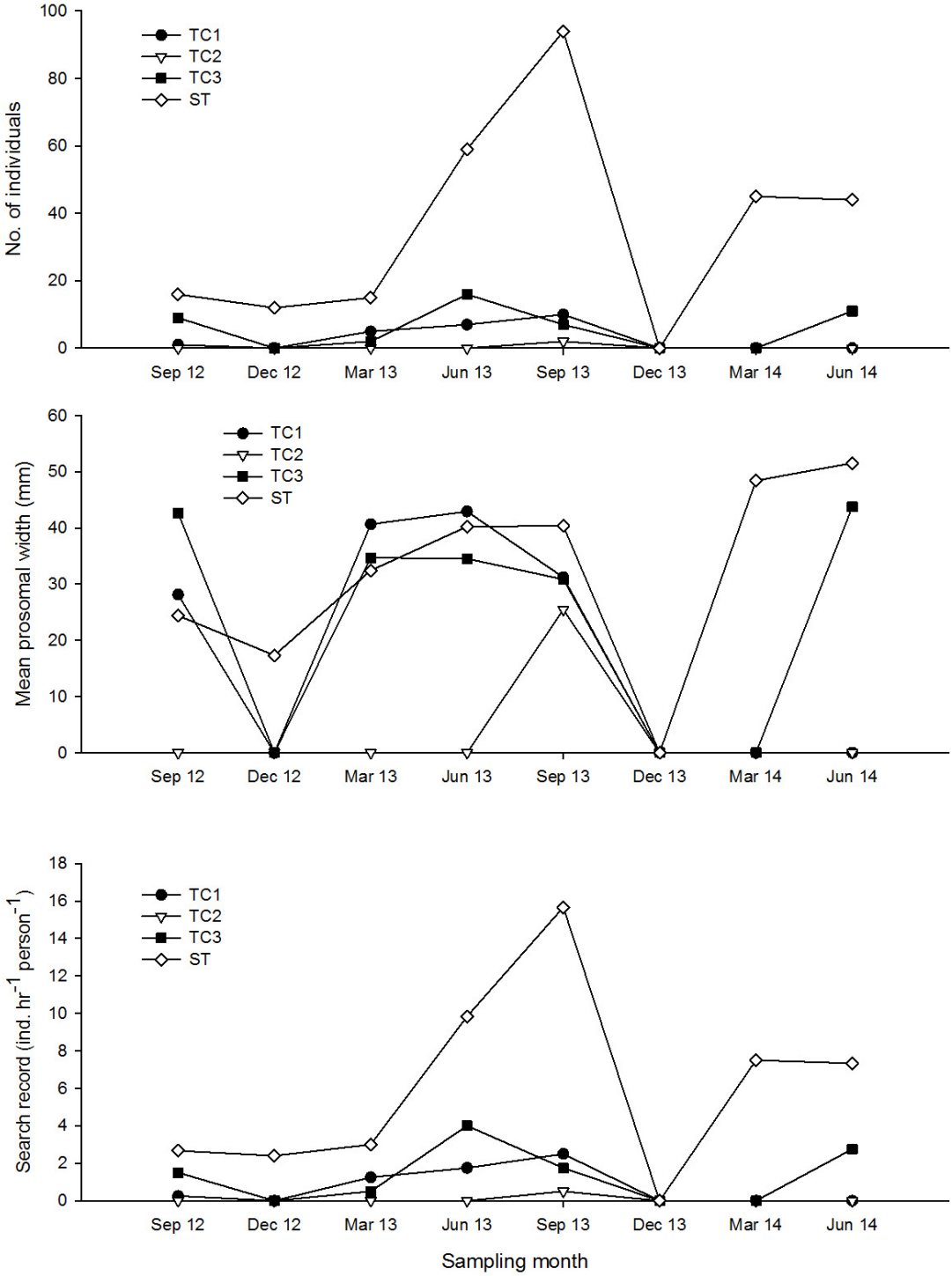


Figure 3.3. *Changes of number of individuals, mean prosomal width and search record of horseshoe crab Tachypleus tridentatus in every sampling zones along the sampling months.*

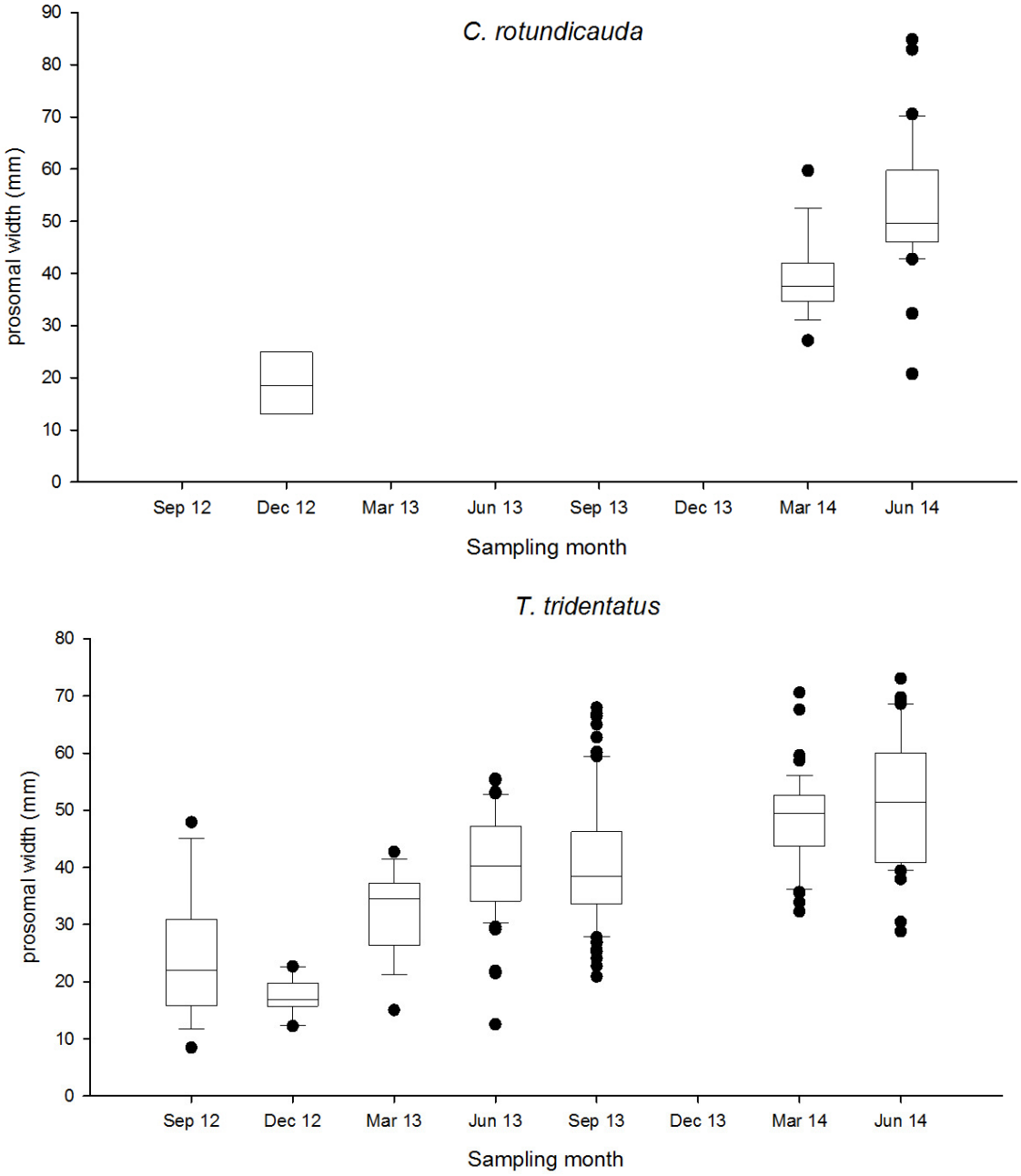


Figure 3.4. *Box plot of prosomal width of horseshoe crab in the sampling zone ST along the sampling months. (The box represents 50% of the sample (upper to lower quartile) with a middle line showing the median value. The upper whisker and lower whisker showed the 25% of sample above upper quartile and below the lower quartile respectively. The black circle dots showed the data of outliner.)*

Table 3.3. *Record of seagrass beds survey in every sampling zone*

Estimated area (m^2)	Estimated coverage (%)		GPS coordinate			Remark
TC1 (search hour = 2 hrs) & TC2 (search hour = 2 hrs) & TC3 (search hour = 2 hrs)						
No record						
ST (search hour = 3 hrs)		*Halophila ovalis*				
			22º 17.208' N	113º 55.474' E	--	A large patch of seagrass bed nearby the seaward side of mangrove area at
404.4	90	Horizontal ends	22º 17.196' N	113º 55.472' E		tidal level 2.0m above C.D.
			22º 17.213' N	113º 55.476' E	--	A medium patch of seagrass bed nearby the seaward side of mangrove area at
65.3	70-80	Horizontal ends	22º 17.204' N	113º 55.480' E		tidal level 2.0m above C.D.
			22º 17.182' N	113º 55.474' E	--	A large area of seagrass bed in patchy distribution on soft mud between 0.5
1116.3	60-80	Vertical ends	22º 17.182' N	113º 55.489' E		and 1.5 m above C.D.
			22º 17.192' N	113º 55.476' E	--	
		Horizontal ends	22º 17.169' N	113º 55.479' E		
			22º 17.171' N	113º 55.498' E	--	A large area of seagrass bed in patchy distribution on soft mud between 0.5
2442.6	40-60	Vertical ends	22º 17.152' N	113º 55.497' E		and 1.5 m above C.D.
			22º 17.163' N	113º 55.481' E	--	
		Horizontal ends	22º 17.160' N	113º 55.521' E		

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

Estimated area (m^2)	Estimated coverage (%)	GPS coordinate			Remark
ST (search hour = 3 hrs)		*Halophila ovalis*			
2227.4	70-80	Vertical ends	22º 17.140' N	113º 55.516' E	-- A large area of seagrass bed in patchy distribution on soft mud between 0.5 and 1.5 m above C.D.
			22º 17.154' N	113º 55.542' E	
		Horizontal ends	22º 17.129' N	113º 55.530' E	--
			22º 17.152' N	113º 55.529' E	
1373.4	40-50	Vertical ends	22º 17.109' N	113º 55.552' E	-- A large area of seagrass bed in patchy distribution on soft mud between 0.5 and 1.5 m above C.D.
			22º 17.113' N	113º 55.566' E	
		Horizontal ends	22º 17.118' N	113º 55.549' E	--
			22º 17.093' N	113º 55.566' E	
ST (search hour = 3 hrs)		*Zostera japonica*			
0.5	60	\	22º 17.209' N	113º 55.474' E	A small patch grown in the co-inhabting another seagrass species *Halophila ovalis*
25.7	85	\	22º 17.205' N	113º 55.472' E	A small patch grown in the co-inhabting another seagrass species *Halophila ovalis*
15.2	40	\	22º 17.214' N	113º 55.476' E	A small patch grown in the co-inhabting another seagrass species *Halophila ovalis*

Table 3.4. *Summary of seagrass survey in sampling zone ST.*

Summary	*Halophila ovalis*	*Zostera japonica*
no. of patches	6	3
Total area (m^2)	7629.4	41.32
Average area (m^2)	1271.57	13.77

Halophila ovalis

A

B

Zostera japonica

Figure 3.5. *Examples of photographic records of seagrass beds survey in ST (13 Jun. 2014)*

Figure 3.6. P*hotographic records of flower of seagrass bed Halophila ovalis (18 Dec. 2013)*

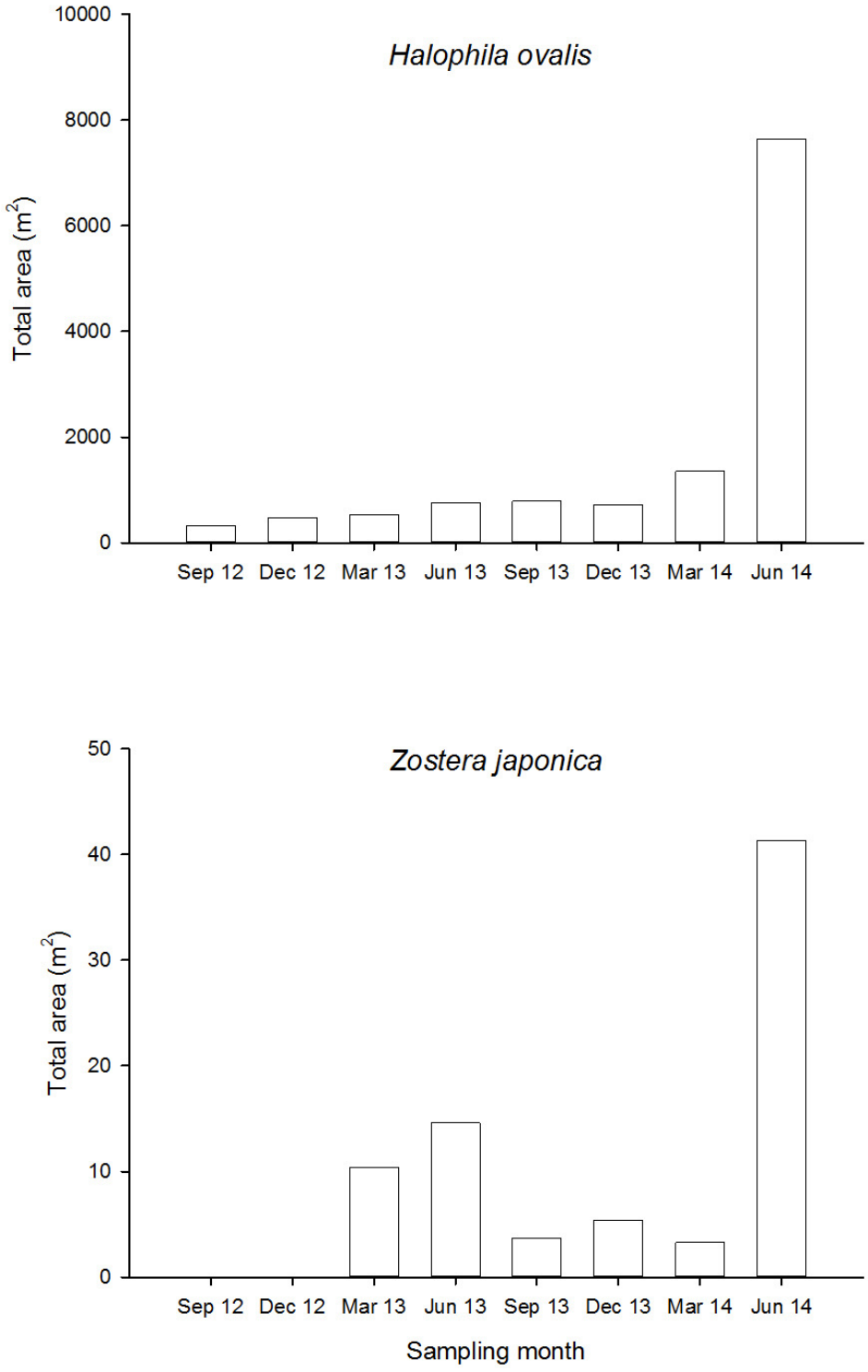


Figure 3.7. *Changes of estimated total area of seagrass beds in ST along the sampling months*

Table 3.5. *Relative distribution (%) of types of substratum along the horizontal transect at every tidal level and in every sampling zone.*

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

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

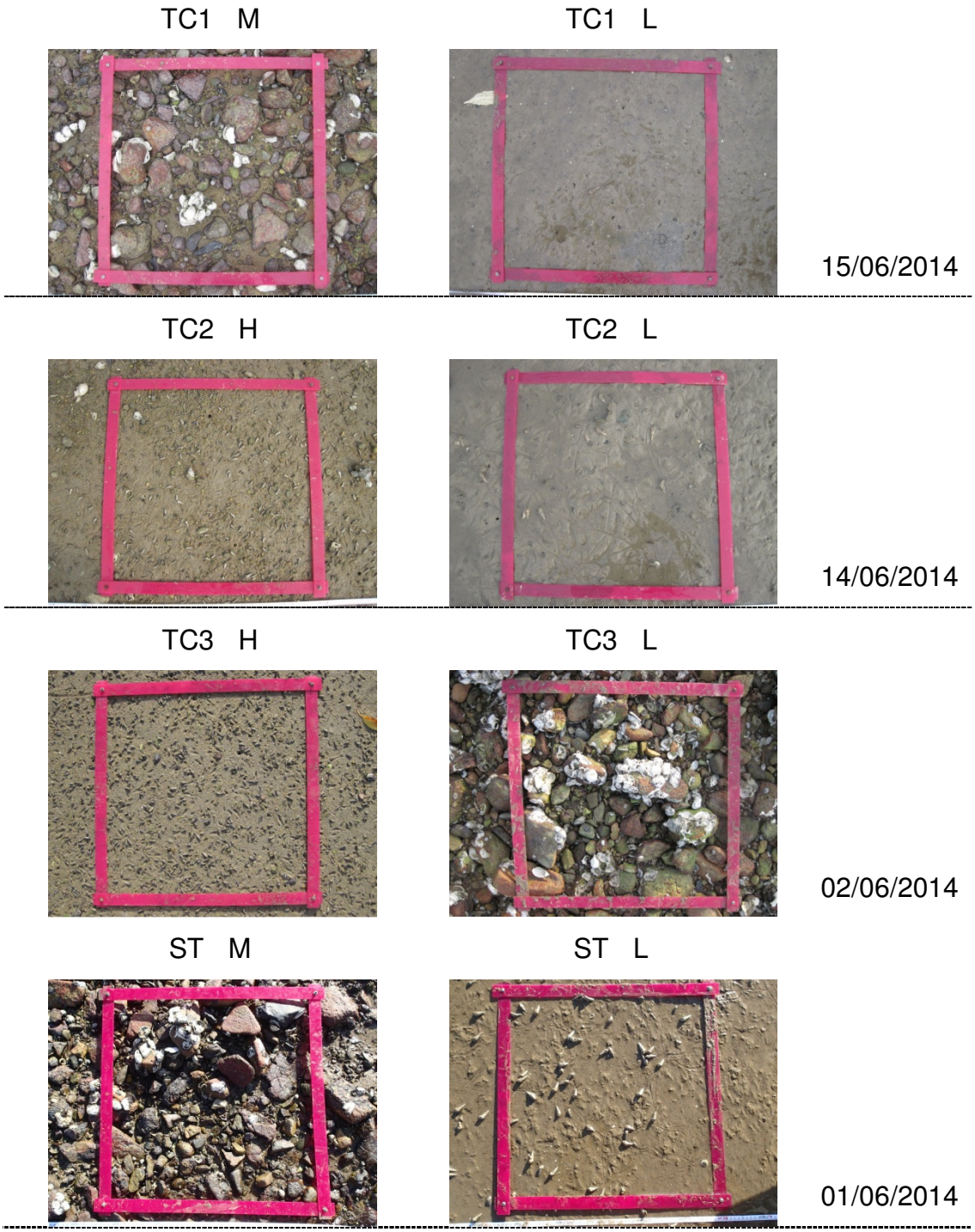


Figure 3.8. *Examples of photographic records of quadrat for intertidal soft shore community survey (H: 2.0 m above C.D.; M: 1.5 m above C.D.; L: 1.0 m above C.D.)*

Table 3.6. *Total abundance, density and number of taxon of every phylum*

Phylum	Total Abundance	%	Density (ind. m^{-2})	Number of taxon
Jun 2014				
Mollusca	17439	97.4	581	45
Arthropoda	210	1.2	7	15
Annelida	160	0.9	5	11
Cnidaria	39	0.2	1	1
Sipuncula	27	0.2	1	1
Echinodermata	10	0.1	0	2
Nemertea	10	0.1	0	1
Chordata	1	0.0	0	1
Total	17896			

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 3.7. *The number of individuals, relative abundance (percentage) and density of each phylum in every sampling zone.*

Phylum	TC1	%	Density (ind. m^{-2})	TC2	%	Density (ind. m^{-2})	TC3	%	Density (ind. m^{-2})	ST	%	Density (ind. m^{-2})
Annelida	39	1.0	5	76	2.3	10	31	0.5	4	14	0.4	2
Arthropoda	58	1.4	8	74	2.2	10	51	0.8	7	27	0.7	4
Chordata				1	0.0	0						
Cnidaria	4	0.1	1	1	0.0	0				34	0.9	5
Echinodermata	3	0.1	0	6	0.2	1	1	0.0	0			
Mollusca	3889	97.1	519	3191	95.1	425	6625	98.7	883	3734	97.7	498
Nemertea	4	0.1	1	1	0.0	0	3	0.0	0	2	0.1	0
Sipuncula	8	0.2	1	5	0.1	1	2	0.0	0	12	0.3	2
Sub-total	4005			3355			6713			3823		

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 3.8. *The abundant species (relative abundance >10%) in every sampling zone.*

Sampling zone TC1	Group	Species	mean density (ind. m^{-2})	relative abundance (%)	cumulative relative abundance (%)
High	G	*Batillaria multiformis*	323	63	63
	G	*Cerithidea cingulata*	79	15	78
Mid	G	*Batillaria multiformis*	321	49	49
	G	*Cerithidea djadjariensis*	110	17	66
	G	*Monodonta labio*	74	11	77
Low	G	*Batillaria zonalis*	75	17	17
	Bi	*Saccostrea cucullata*	68	16	33
	G	*Cerithidea djadjariensis*	64	15	48

Bi = Bivalve, G = Gastropod

Table 3.8 (Cont'd). *The abundant species (relative abundance >10%) in every sampling zone.*

Sampling zone TC2	Group	Species	mean density (ind. m^{-2})	relative abundance (%)	cumulative relative abundance (%)
High	G	*Cerithidea djadjariensis*	363	52	52
	G	*Cerithidea cingulata*	210	30	83
Mid	G	*Cerithidea djadjariensis*	126	32	32
	Bi	*Saccostrea cucullata*	72	18	50
	G	*Batillaria zonalis*	41	10	60
Low	G	*Cerithidea djadjariensis*	135	53	53
	G	*Batillaria zonalis*	44	18	71

Bi = Bivalve, G = Gastropod

Table 3.8 (Cont'd). *The abundant species (relative abundance >10%) in every sampling zone.*

Sampling zone TC3	Group	Species	mean density (ind. m^{-2})	relative abundance (%)	cumulative relative abundance (%)
High	G	*Batillaria multiformis*	810	62	62
	G	*Cerithidea djadjariensis*	302	23	85
	G	*Cerithidea cingulata*	144	11	96
Mid	G	*Cerithidea djadjariensis*	284	47	47
	G	*Cerithidea cingulata*	172	29	76
	G	*Batillaria multiformis*	62	10	86
Low	Bi	*Saccostrea cucullata*	212	27	27
	G	*Batillaria multiformis*	206	27	54
	G	*Monodonta labio*	168	22	75

Bi = Bivalve, G = Gastropod

Table 3.8 (Cont'd). *The abundant species (relative abundance >10%) in every sampling zone.*

Sampling zone ST	Group	Species	mean density (ind. m^{-2})	relative abundance (%)	cumulative relative abundance (%)
High	G	*Batillaria multiformis*	332	50	50
	G	*Monodonta labio*	83	12	62
	Bi	*Saccostrea cucullata*	77	12	74
Mid	G	*Monodonta labio*	134	21	21
	Bi	*Saccostrea cucullata*	131	21	42
	G	*Batillaria multiformis*	97	15	58
	G	*Cellana toreuma*	88	14	72
Low	G	*Cerithidea djadjariensis*	55	23	23
	G	*Batillaria zonalis*	51	22	45
	Bi	*Saccostrea cucullata*	43	18	63
	G	*Batillaria bornii*	25	11	74

Bi = Bivalve, G = Gastropod

Table 3.9. *Mean values of number of species, density, Shannon-Weaver Diversity Index (H') and Pielou's Species Evenness (J) at every tidal level and in every 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	9	516	1.04		0.48	
	M	11	655	1.33	1.35	0.57	0.57
	L	13	431	1.67		0.66	
TC2	H	9	692	1.13		0.55	
	M	12	397	1.72	1.39	0.71	0.62
	L	9	253	1.32		0.61	
TC3	H	9	1309	0.95		0.46	
	M	9	600	1.31	1.22	0.60	0.55
	L	11	776	1.40		0.58	
ST	H	12	665	1.56		0.64	
	M	14	628	1.89	1.60	0.73	0.66
	L	9	236	1.34		0.62	

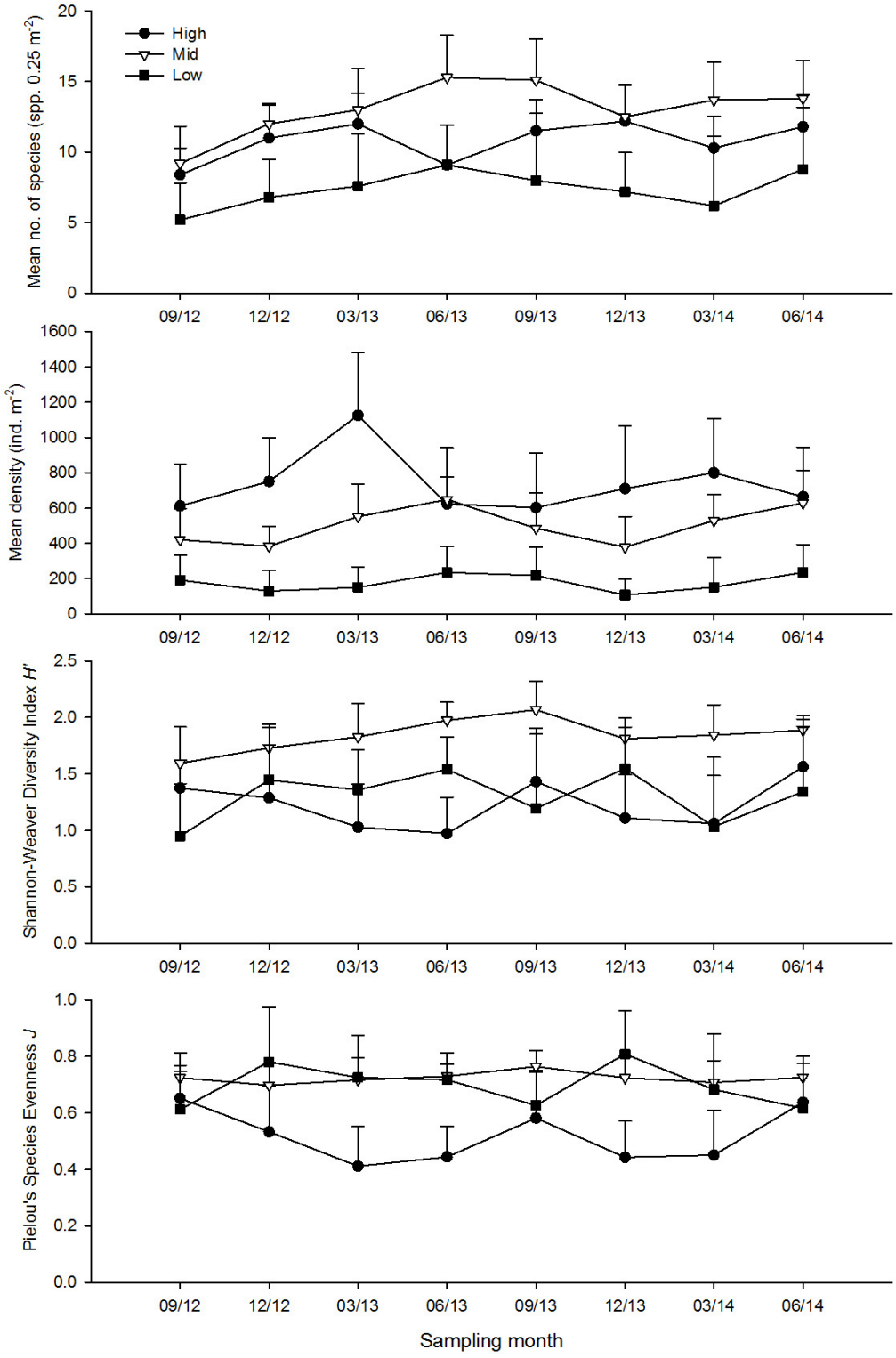


Figure 3.9. *Temporal changes of mean number of species, mean density, Shannon-Weaver Diversity Index (H') and Pielou's Species Evenness (J) (mean + SD) at every tidal level in sampling zone TC1*

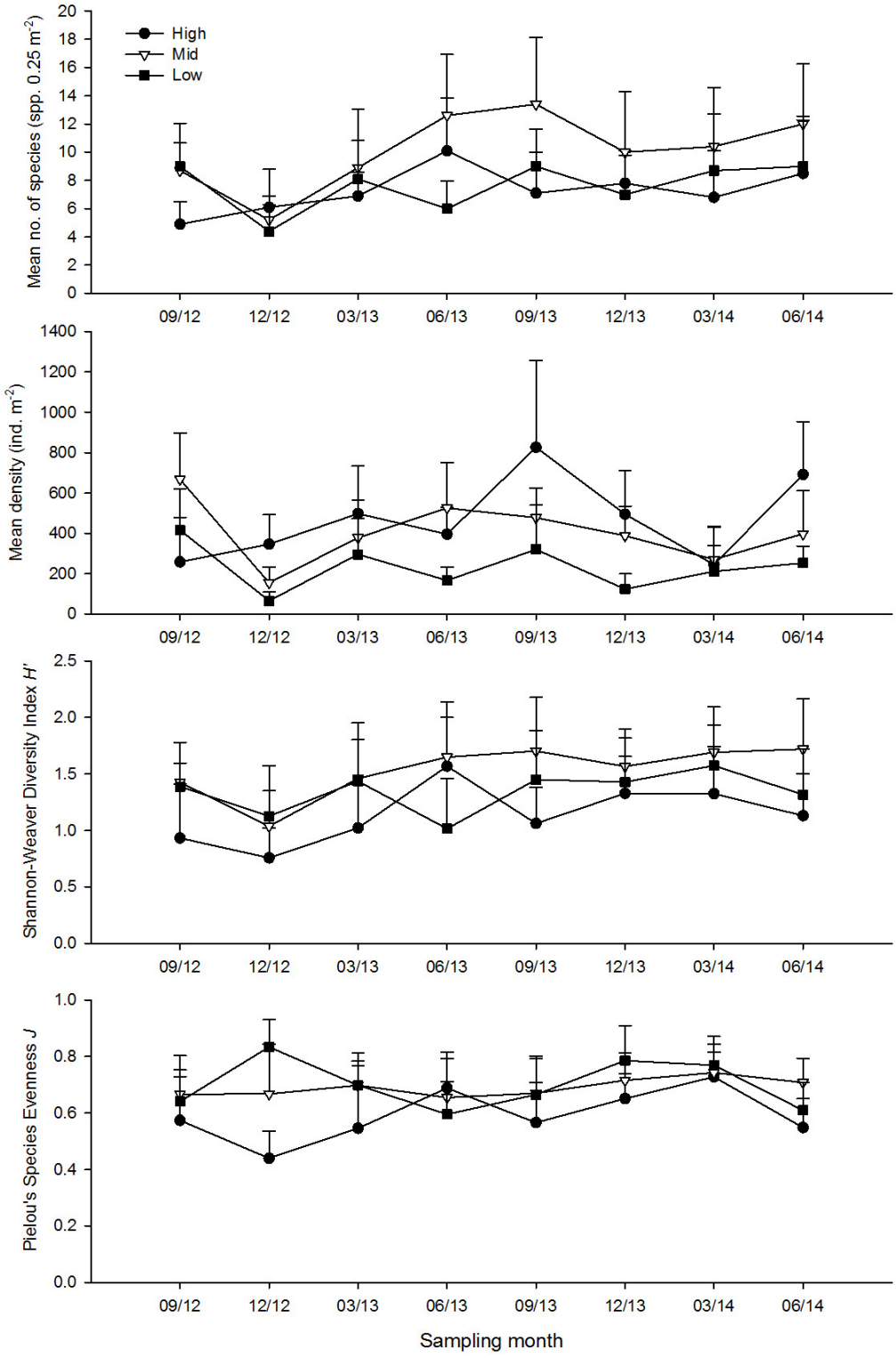


Figure 3.10. *Temporal changes of mean number of species, mean density, Shannon-Weaver Diversity Index (H') and Pielou's Species Evenness (J) (mean + SD) at every tidal level in sampling zone TC2*

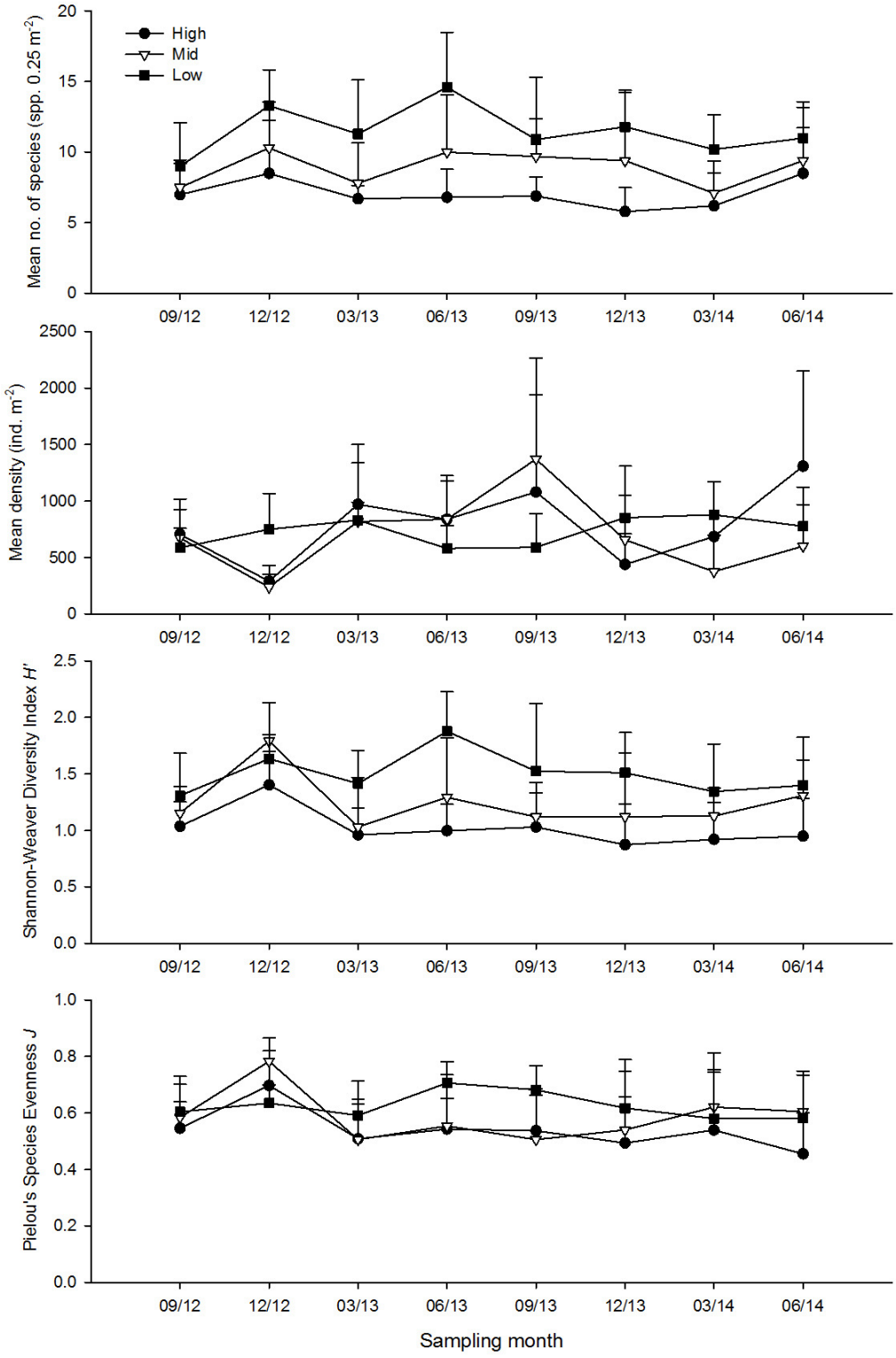


Figure 3.11. *Temporal changes of mean number of species, mean density, Shannon-Weaver Diversity Index (H') and Pielou's Species Evenness (J) (mean + SD) at every tidal level in sampling zone TC3*

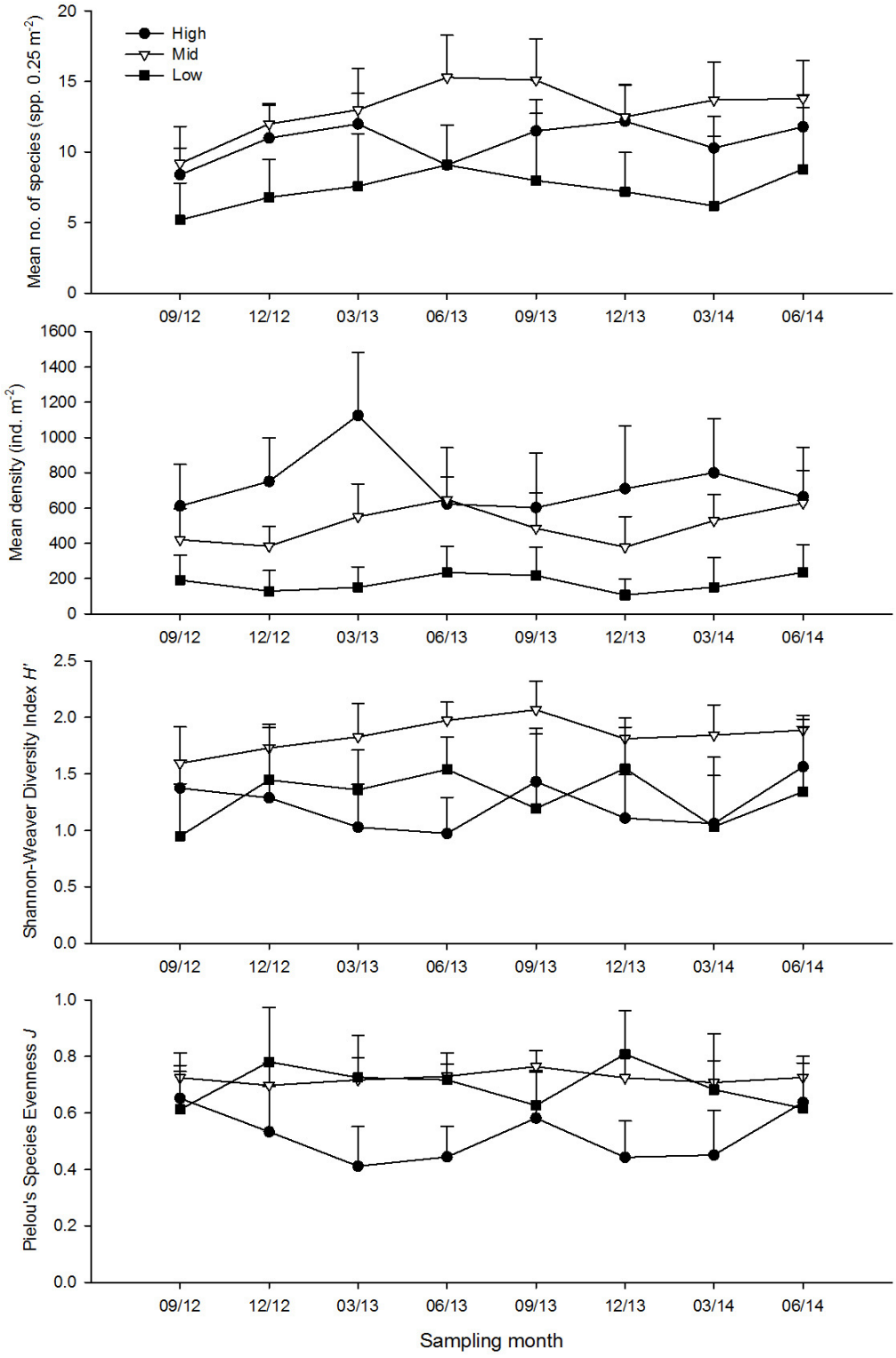


Figure 3.12. *Temporal changes of mean number of species, mean density, Shannon-Weaver Diversity Index (H') and Pielou's Species Evenness (J) (mean + SD) at every tidal level in sampling zone ST*

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

Appendix 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	Polynoidae	Polynoidae spp.
Animalia	Annelida	Polychaeta	Phyllodocida	Glyceridae	Glyceridae spp.
Animalia	Annelida	Polychaeta	Phyllodocida	Goniadidae	Goniadidae spp.
Animalia	Annelida	Polychaeta	Phyllodocida	Nereididae	Nereididae spp.
Animalia	Annelida	Polychaeta	Sabellida	Oweniidae	Oweniidae spp.
Animalia	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharetidae spp.
Animalia	Annelida	Polychaeta	Terebellida	Pectinariidae	Pectinariidae spp.
Animalia	Annelida	Polychaeta		Maldanidae	Maldanidae spp.
Animalia	Annelida	Polychaeta		Opheliidae	*Ophelina acuminata*
Animalia	Arthropoda	Merostomata	Xiphosurida	Limulidae	*Carcinoscorpius rotundicauda*
Animalia	Arthropoda	Malacostraca	Decapoda	Penaeidae	*Penaeus* sp.
Animalia	Arthropoda	Malacostraca	Decapoda	Diogenidae	*Clibanarius* sp.
Animalia	Arthropoda	Malacostraca	Decapoda	Diogenidae	*Diogenes* sp.
Animalia	Arthropoda	Malacostraca	Decapoda	Paguridae	*Pagurus dubius*
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* sp.
Animalia	Arthropoda	Malacostraca	Decapoda	Ocypodidae	*Uca vocans*
Animalia	Arthropoda	Malacostraca	Decapoda	Portunidae	*Scylla serrata*
Animalia	Arthropoda	Malacostraca	Decapoda	Sesarmidae	*Nanosesarma minutum*
Animalia	Arthropoda	Malacostraca	Decapoda	Varunidae	*Hemigrapsus penicillatus*
Animalia	Arthropoda	Malacostraca	Decapoda	Grapsidae	*Metopograpsus latifrons*
Animalia	Arthropoda	Maxillopoda	Sessilia	Balanidae	*Balanus amphitrite*
Animalia	Chordata	Actinopterygii	Perciformes	Gobiidae	Unidentified goby spp.
Animalia	Cnidaria				Sea anemone spp.
Animalia	Echinodermata	Ophiuroidea	Ophiurida	Amphiuridae	*Amphiura* sp.
Animalia	Echinodermata	Holothuroidea			Sea cucumber spp.
Animalia	Mollusca	Bivalvia	Anomalodesmata	Laternulidae	*Laternula anatina*
Animalia	Mollusca	Bivalvia	Veneroida	Corbiculidae	*Geloina erosa*
Animalia	Mollusca	Bivalvia	Veneroida	Mesodesmatidae	*Atactodea striata*

Appendix 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	Tellinidae	*Macoma murrayana*
Animalia	Mollusca	Bivalvia	Veneroida	Tellinidae	*Tellina psammotella*
Animalia	Mollusca	Bivalvia	Veneroida	Tellinidae	*Tellina* sp.
Animalia	Mollusca	Bivalvia	Veneroida	Veneridae	*Anomalocardia squamosa*
Animalia	Mollusca	Bivalvia	Veneroida	Veneridae	*Circe* sp.
Animalia	Mollusca	Bivalvia	Veneroida	Veneridae	*Cyclina sinesis*
Animalia	Mollusca	Bivalvia	Veneroida	Veneridae	*Ruditapes philippinarum*
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	Gastropoda	Caenogastropoda	Batillariidae	*Batillaria bornii*
Animalia	Mollusca	Gastropoda	Caenogastropoda	Batillariidae	*Batillaria multiformis*
Animalia	Mollusca	Gastropoda	Caenogastropoda	Batillariidae	*Batillaria zonalis*
Animalia	Mollusca	Gastropoda	Caenogastropoda	Planaxidae	*Planaxis sulcatus*
Animalia	Mollusca	Gastropoda	Caenogastropoda	Potamididae	*Cerithidea cingulata*
Animalia	Mollusca	Gastropoda	Caenogastropoda	Potamididae	*Cerithidea djadjariensis*
Animalia	Mollusca	Gastropoda	Caenogastropoda	Potamididae	*Cerithidea rhizophorarum*
Animalia	Mollusca	Gastropoda	Caenogastropoda	Potamididae	*Terebralia sulcata*
Animalia	Mollusca	Gastropoda	Littorinimorpha	Littorinidae	*Littoraia melanostoma*
Animalia	Mollusca	Gastropoda	Littorinimorpha	Littorinidae	*Littoraria articulata*
Animalia	Mollusca	Gastropoda	Littorinimorpha	Naticidae	*Natica* sp.
Animalia	Mollusca	Gastropoda	Littorinimorpha	Rissoinidae	*Rissoina plicatula*
Animalia	Mollusca	Gastropoda	Neogastropoda	Buccinidae	*Pisania ignea*
Animalia	Mollusca	Gastropoda	Neogastropoda	Muricidae	*Thais luteostoma*
Animalia	Mollusca	Gastropoda	Systellommatophora	Onchidiidae	*Onchidium* sp.
Animalia	Mollusca	Gastropoda	Cycloneritimorpha	Neritidae	*Clithon faba*
Animalia	Mollusca	Gastropoda	Cycloneritimorpha	Neritidae	*Clithon oualaniensis*
Animalia	Mollusca	Gastropoda	Cycloneritimorpha	Neritidae	*Nerita polita*
Animalia	Mollusca	Gastropoda		Lottiidae	*Nipponacmea concinna*
Animalia	Mollusca	Gastropoda		Lottiidae	*Patelloida pygmaea*
Animalia	Mollusca	Gastropoda		Nacellidae	*Cellana grata*
Animalia	Mollusca	Gastropoda		Nacellidae	*Cellana toreuma*

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

Kingdom	Phylum	Class	Order	Family	Species
Animalia	Mollusca	Gastropoda	Neogastropoda	Nassariidae	*Nassarius festivus*
Animalia	Mollusca	Gastropoda	Neogastropoda	Nassariidae	*Nassarius hepaticus*
Animalia	Mollusca	Gastropoda	Neogastropoda	Nassariidae	*Nassarius* sp.
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*

Appendix III *List of recorded fauna of intertidal soft shore community survey in every sampling zone*

Jun 2014 Sampling zone TC 1 High tidal level (2.0 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
Bi	*Geloina erosa*									1						1				1		3
Bi	*Saccostrea cucullata*	2		3				1		6		3						1		1		17
Bi	*Xenostrobus atrata*									1				1								2
C	*Hemigrapsus penicillatus*			1		1		1														3
C	*Macrophthalmus* sp.													1								1
C	*Nanosesarma minutum*											1										1
C	*Uca lactea*													3	1	3				1		8
C	*Uca* sp.							1									1					2
Ec	Sea cucumber spp.					1											1					2
G	*Batillaria multiformis*	134		4		99		76		111		88		10		62		71		152		807
G	*Batillaria zonalis*	6																				6
G	*Cellana toreuma*									1												1
G	*Cerithidea cingulata*	37		125		4		3								6				22		197
G	*Cerithidea djadjariensis*	15		15		7		5		2		1				24		2		27		98
G	*Cerithidea rhizophorarum*			1				1				1		2		1		1		2		9
G	*Clithon faba*	7		15																1		23
G	*Clithon oualaniensis*	6		2		11				1								2		2		24
G	*Littoraia melanostoma*									2				1								3
G	*Littoraria articulata*					5				7		2		2		1		1		1		19

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

Jun 2014 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
G	*Lunella coronata*	1																				1
G	*Monodonta labio*			5		5		11		9		3				1		9		5		48
G	*Onchidium* sp.																	1				1
G	*Rissoina plicatula*																			8		8
G	*Terebralia sulcata*																	1		1		2
Hc	*Pagurus dubius*																	2				2
HSc	*Carcinoscorpius rotundicauda*									1												1
P	Ampharetidae spp.				1																	1
																					Total	1290

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

Jun 2014 Sampling zone TC 1 Mid tidal level (1.5 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
Ba	*Balanus amphitrite*	1																				1
Bi	*Barbatia signata*															1						1
Bi	*Saccostrea cucullata*	22		2		30		14		8		6		12		22		5		34		155
Bi	*Xenostrobus atrata*					3				1				3				2		5		14
C	*Hemigrapsus penicillatus*					1										2		1		1		5
C	*Nanosesarma minutum*													1		1				2		4
Ec	Sea cucumber spp.					1																1
G	*Batillaria multiformis*	25		6		58		66		114		82		178		122		67		85		803
G	*Batillaria zonalis*			2																		2
G	*Cellana toreuma*	3						1		1						4		2		1		12
G	*Cerithidea cingulata*	48		23	1			8		1		1				2		4		4		92
G	*Cerithidea djadjariensis*	65		100		7		32		5		2				18		20		27		276
G	*Cerithidea rhizophorarum*	2		1	1			4								1		7		3		19
G	*Clithon faba*	1																3		6		10
G	*Clithon oualaniensis*	2		4				3		1		3				2		3		4		22
G	*Littoraria articulata*	4				3				2		2		4		1		1		8		25
G	*Lunella coronata*	1		1		1																3
G	*Monodonta labio*	11		1		19		11		15		12		22		49		13		31		184
G	*Nassarius festivus*			1				1														2

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

Jun 2014 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	*Patelloida pygmaea*															1				1		2
G	*Terebralia sulcata*																	1				1
Hc	*Pagurus dubius*																	2				2
P	Ampharetidae spp.				1																	1
Sp	*Sipunculus nudus*																			1		1
																					Total	1638

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

Jun 2014 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*					1																1
Bi	*Barbatia signata*	9				6												18		9		42
Bi	*Barbatia virescens*	3				4										1		4		11		23
Bi	*Circe* sp.								1		3											4
Bi	*Macoma murrayana*														1		1					2
Bi	*Ruditapes philippinarum*																			1		1
Bi	*Saccostrea cucullata*	51				49										3		16		50		169
Bi	*Tellina* sp.												1									1
Bi	*Xenostrobus atrata*	16				29														3		48
C	*Hemigrapsus penicillatus*					2										1		1		1		5
C	*Macrophthalmus* sp.																1					1
C	*Metopograpsus latifrons*																	2				2
C	*Nanosesarma minutum*	1				1												8		6		16
C	*Uca lactea*					2																2
Cn	Sea anemone spp.					1												2		1		4
G	*Batillaria bornii*	3																		1		4
G	*Batillaria multiformis*	9		21	3	2	1	7		2		14	2	2		9	3	3		8		86
G	*Batillaria zonalis*	2		25	3	6		57	2	36		34	1	15		6	1					188
G	*Cellana toreuma*	2				3														8		13

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

Jun 2014 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	*Cerithidea cingulata*	2		2		2										55						61
G	*Cerithidea djadjariensis*	5		95		39		1						14		6						160
G	*Cerithidea rhizophorarum*					1																1
G	*Clithon oualaniensis*													1		3				2		6
G	*Euchelus scaber*																	1		2		3
G	*Lunella coronata*	12				7										9		6		28		62
G	*Monodonta labio*					3										1		19		51		74
G	*Nassarius festivus*				1			2		1			2									6
G	*Nassarius hepaticus*				1							1	1		1							4
G	*Nassarius* sp.			1																		1
G	*Nerita polita*	1																4		4		9
G	*Patelloida pygmaea*															1		11		4		16
G	*Pisania ignea*												1					2		3		6
G	*Thais luteostoma*	1																6				7
Hc	*Clibanarius* sp.															1						1
Ne	Nemertea spp.										1	1						2				4
P	Ampharetidae spp.				1				1						1							3
P	Maldanidae spp.								6		4		1									11
P	Nereididae spp.				1				1		2				2							6

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

Jun 2014 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
P	Onuphidae spp.								5		8		1		2		1					17
Sp	*Sipunculus nudus*	4																3				7
																					Total	1077

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

Jun 2014 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*	3																		1		4
Bi	*Barbatia virescens*																			2		2
Bi	*Circe* sp.							1														1
Bi	*Saccostrea cucullata*	1		9		9		4								6		14		26		69
Bi	*Tellina psammotella*					1																1
Bi	*Xenostrobus atrata*																			3		3
C	*Hemigrapsus penicillatus*																			3		3
C	*Scylla serrata*								1													1
C	*Uca lactea*													1		2						3
Cn	Sea anemone spp.																			1		1
G	*Batillaria bornii*															1				1		2
G	*Batillaria multiformis*							2		7	1	3		20	7	17	3	9	3	17		89
G	*Batillaria zonalis*											4	1	4		11	1	8	1	8	1	39
G	*Cellana toreuma*															1						1
G	*Cerithidea cingulata*	31		12		15		89	12	24		21	7	144	8	63	5	36	4	50	3	524
G	*Cerithidea djadjariensis*	131		40		118		82	5	74	1	64	10	77	1	106	4	89	5	100		907
G	*Cerithidea rhizophorarum*	2		1		3				2		1		1		3		6		4		23
G	*Clithon oualaniensis*					1		1						6		7		6		5	1	27
G	*Littoraria articulata*																			1		1

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

Jun 2014 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	*Monodonta labio*															1		2		2		5
G	*Nassarius festivus*	2														2		3		3		10
G	*Nerita polita*								2									1	1	1		5
G	*Terebralia sulcata*	2																				2
P	Ampharetidae spp.								2		1						2					5
P	Maldanidae spp.										1								1			2

Total 1730

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

Jun 2014 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				2																4
Bi	*Barbatia virescens*					4										2		9		13		28
Bi	*Circe* sp.								1													1
Bi	*Cyclina sinesis*																			5		5
Bi	*Ruditapes philippinarum*																				1	1
Bi	*Saccostrea cucullata*	11		9		41						17				25		29		47		179
Bi	*Tellina psammotella*								1													1
Bi	*Xenostrobus atrata*	4				11																15
C	*Hemigrapsus penicillatus*	1				4						1				2				6		14
C	*Metopograpsus latifrons*	1																				1
C	*Nanosesarma minutum*	1										1								1		3
Ec	Sea cucumber spp.	1		1		1									2							5
G	*Batillaria bornii*											13				11				2		26
G	*Batillaria multiformis*	1				10		2	1	2		6		13		8		12	1	8		64
G	*Batillaria zonalis*					1		10		1		9		22		3		17	1	38	1	103
G	*Cellana grata*	13		1		3																17
G	*Cellana toreuma*	1				1												1				3
G	*Cerithidea cingulata*	3						8	1			2		1		5	1	2	1	5		29
G	*Cerithidea djadjariensis*	6		1		19		74		12		42		45	1	37		31		46	1	315

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

Jun 2014 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	*Cerithidea rhizophorarum*							2										2		1		5
G	*Dentalium sinuosum*																	1				1
G	*Euchelus scaber*																			1		1
G	*Lunella coronata*					3						4				8		7		14		36
G	*Monodonta labio*	22		7		33										19				1		82
G	*Nassarius festivus*							1	1			2	1	2				2				9
G	*Nerita polita*	1				1												1				3
G	*Nipponacmea concinna*															3		4		1		8
G	*Patelloida pygmaea*																			1		1
Hc	*Diogenes* sp.																	1				1
Ne	Nemertea spp.															1						1
Ol	Marine oligochaete spp.	1																				1
P	Ampharetidae spp.								4	1					2							7
P	Maldanidae spp.								4				2		3							9
P	Nereididae spp.			1									1		1							3
P	Onuphidae spp.								2						1						1	4
P	Pectinariidae spp.								1													1

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

Jun 2014 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
S	*Penaeus* sp.											1	1									2
Sp	*Sipunculus nudus*															2	1	1				4
																					Total	993

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

Jun 2014 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*							5														5
Bi	*Circe* sp.				1																	1
Bi	*Macoma murrayana*									1												1
Bi	*Saccostrea cucullata*							12				6										18
C	*Hemigrapsus penicillatus*							1					1									2
C	*Nanosesarma minutum*																	2				2
C	*Scylla serrata*							1														1
C	*Uca vocans*	2		26																		28
Ec	*Amphiura* sp.																		1			1
F	Unidentified goby spp.												1									1
G	*Batillaria multiformis*			2		3		2	1	2		4		3		8		2	1	2		30
G	*Batillaria zonalis*			2		3		6		1		13		10		32	1	20	1	22		111
G	*Cellana toreuma*							1														1
G	*Cerithidea cingulata*	4		2		3	2	7				4		1		1		1		1		26
G	*Cerithidea djadjariensis*	40		40		36	1	59		37		25	1	11	2	27		33		26		338
G	*Cerithidea rhizophorarum*						1									1						2
G	*Euchelus scaber*											1										1
G	*Lepidozona* sp.							2														2
G	*Lunella coronata*							4		2		3				1						10

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

Jun 2014 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			2		1		1		5
G	*Pisania ignea*											1										1
P	Ampharetidae spp.				1			1			1					1			3			7
P	Glyceridae spp.																1					1
P	Maldanidae spp.				1		3	1	2	1	5	1	1		1		2					18
P	Nereididae spp.				1		1			1			1		2							6
P	Onuphidae spp.						1				1		2		1		3		3		1	12
Sp	*Sipunculus nudus*									1												1
																					Total	632

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

Jun 2014 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	*Barbatia virescens*																	1				1
Bi	*Circe* sp.								4		1	1	1									7
Bi	*Cyclina sinesis*	1												1						1	1	4
Bi	*Saccostrea cucullata*	1		6		10												16				33
Bi	*Xenostrobus atrata*																	2				2
C	*Hemigrapsus penicillatus*			1														5				6
C	*Nanosesarma minutum*																	3				3
C	*Uca lactea*															1						1
C	*Uca* sp.				1	1	1							1								4
C	*Uca vocans*																			1		1
G	*Batillaria multiformis*	31	3	97	2	388	30	317	44	523		7	1	22		2		401	9	141	6	2024
G	*Batillaria zonalis*					1																1
G	*Cerithidea cingulata*	6		87	3	33		11		51		11		77		4		33		44	1	361
G	*Cerithidea djadjariensis*	67		95		66	1	74	4	35		29		16		175		99		94	1	756
G	*Cerithidea rhizophorarum*	2								1		1				5				2		11
G	*Clithon faba*									1												1
G	*Clithon oualaniensis*			2		4				4				1				4		4		19
G	*Littoraria articulata*					1												2				3
G	*Lunella coronata*																	3				3

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

Jun 2014 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
G	*Monodonta labio*																	4				4
G	*Nassarius festivus*													1								1
G	*Patelloida pygmaea*															2						2
G	*Planaxis sulcatus*									1												1
Hc	*Pagurus dubius*																	2				2
HSc	*Carcinoscorpius rotundicauda*																			1		1
Ne	Nemertea spp.														1							1
P	Ampharetidae spp.												1						4		2	7
P	Maldanidae spp.				1						2		2		1				1		1	8
P	Nereididae spp.												1		1							2
P	Polynoidae spp.																	2				2
																					Total	3272

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

Jun 2014 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		2		3
Bi	*Anomalocardia squamosa*																1					1
Bi	*Barbatia signata*																	1				1
Bi	*Circe* sp.														1							1
Bi	*Cyclina sinesis*																			1		1
Bi	*Laternula anatina*																				1	1
Bi	*Saccostrea cucullata*					5												11		14		30
Bi	*Xenostrobus atrata*																			3		3
C	*Hemigrapsus penicillatus*																	1				1
C	*Macrophthalmus erato*													1								1
C	*Nanosesarma minutum*																			3		3
C	*Uca* sp.				1					1												2
C	*Uca vocans*											7						1		4		12
G	*Batillaria multiformis*	32		20	1	9		5	1	49		24		1		1		4	1	4	3	155
G	*Batillaria zonalis*	7		10	2			8	1	15		13		3	1	3		5	2	4		74
G	*Cellana grata*					1																1
G	*Cerithidea cingulata*	187		121	6	2		11	2	47		26		3		3	1	6	1	14	1	431
G	*Cerithidea djadjariensis*	76		92		3		114	2	103		59		41	1	25	2	109		81	2	710
G	*Cerithidea rhizophorarum*									2		2		1		5	1	4		6		21

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

Jun 2014 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	*Clithon oualaniensis*	1		2						2		1										6
G	*Littoraria articulata*																			7		7
G	*Lunella coronata*			1														1		1		3
G	*Monodonta labio*				1	3		1												5		10
G	*Nassarius festivus*	2		2				1								1					1	7
G	*Nassarius hepaticus*							1														1
G	*Patelloida pygmaea*																	1				1
Hc	*Pagurus dubius*					1									1							2
Ol	Marine oligochaete spp.																				1	1
P	Ampharetidae spp.															1						1
P	Maldanidae spp.								2						2	2					1	7
P	Nereididae spp.								1											1		2
																			Total			1500

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

Jun 2014 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*							1						1								2
Bi	*Barbatia signata*			8						22				1						1		32
Bi	*Barbatia virescens*	2				1		2						1								6
Bi	*Saccostrea cucullata*	200		44		69		42		16		10		60		8		24		56		529
Bi	*Xenostrobus atrata*	4		10		3		2						23						14		56
C	*Hemigrapsus penicillatus*											1				1				1		3
C	*Metopograpsus latifrons*	1																				1
C	*Nanosesarma minutum*	1						1														2
Ec	Sea cucumber spp.			1																		1
G	*Batillaria bornii*									1				1						1		3
G	*Batillaria multiformis*			6				5						42		223		131		109		516
G	*Batillaria zonalis*									15		17										32
G	*Cellana grata*																	1				1
G	*Cellana toreuma*													9				7		8		24
G	*Cerithidea cingulata*					1						3				1				6		11
G	*Cerithidea djadjariensis*			1				20		76		32	2			1		4		8		144
G	*Cerithidea rhizophorarum*							2		4		7				2		2		6		23
G	*Clithon oualaniensis*									1		2						4		1		8
G	*Euchelus scaber*													1								1

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

Jun 2014 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	*Lepidozona* sp.																	1				1
G	*Littoraria articulata*	1		2		1								17				8		10		39
G	*Lunella coronata*	18		13		6		13		1		2		1		1		1		5		61
G	*Monodonta labio*	36		48		45		7		1				96		20		65		102		420
G	*Nassarius festivus*									1		2										3
G	*Nerita polita*	1		4		3								1						3		12
G	*Patelloida pygmaea*													3						1		4
Hc	*Pagurus dubius*							1														1
Ne	Nemertea spp.										1	1										2
P	Maldanidae spp.										1											1
Sp	*Sipunculus nudus*							2														2
																					Total	1941

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

Jun 2014 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 virescens*							1		1				1								3
Bi	*Ruditapes philippinarum*											1										1
Bi	*Saccostrea cucullata*	4		9		11		6		29		24		13		20		36		40		192
Bi	*Xenostrobus atrata*			1								1				1		3				6
C	*Hemigrapsus penicillatus*											2								1		3
C	*Metopograpsus latifrons*																	2				2
C	*Nanosesarma minutum*											1						1				2
C	*Scylla serrata*					1																1
Cn	Sea anemone spp.	5				19						1								2		27
G	*Batillaria bornii*	9		34				2		3		11										59
G	*Batillaria multiformis*	98		145		108		250		24		57		17		72		11		47		829
G	*Cellana toreuma*			1		17		1		33		28		1		13		3		19		116
G	*Cerithidea cingulata*	8		6				1		3		1				6		1		6		32
G	*Cerithidea djadjariensis*	7		4				4		4		7		3		7		3		5		44
G	*Cerithidea rhizophorarum*	5						2		2												9
G	*Clithon faba*			2		1		3				1						1		1		9
G	*Clithon oualaniensis*	16		30		10		14				5		2		1				7		85
G	*Euchelus scaber*													1								1
G	*Lepidozona* sp.							1														1

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

Jun 2014 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*									5		1		3		1		4		3		17
G	*Monodonta labio*	1		12		5		13		33		54		17		32		17		23		207
G	*Nassarius festivus*											1		1								2
G	*Nerita polita*					2								1		1						4
G	*Patelloida pygmaea*	1										1				1				2		5
Hc	*Pagurus dubius*			1				1														2
Ne	Nemertea spp.															1						1
P	Glyceridae spp.																	1				1
																					Total	1662

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

Jun 2014 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
Bi	*Barbatia signata*					1		2		2				9				1				15
Bi	*Barbatia virescens*	1				2		7		6		9		6		3		2		1		37
Bi	*Saccostrea cucullata*	11		17		18		41		23		53		66		36		39		24		328
Bi	*Xenostrobus atrata*	1				1																2
C	*Hemigrapsus penicillatus*			1						1		1						1				4
C	*Nanosesarma minutum*					1		1								1						3
Cn	Sea anemone spp.	3						1				1		1		1						7
G	*Batillaria bornii*			2		3		43		6		2				1		2		4		63
G	*Batillaria multiformis*	6		38		2				16		35		23		55		13		54		242
G	*Batillaria zonalis*			3		2		1														6
G	*Cellana toreuma*	5				76		6		20		25		23		15		35		14		219
G	*Cerithidea cingulata*			30		6		5		2		3		1		3				1		51
G	*Cerithidea djadjariensis*			72		16		15		2		1		2		7		1		12		128
G	*Cerithidea rhizophorarum*			1				1														2
G	*Clithon faba*	1																				1
G	*Clithon oualaniensis*			5		1				1				1		2						10
G	*Euchelus scaber*					1																1
G	*Lepidozona* sp.					1		1										1				3
G	*Littoraria articulata*											1				1						2

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

Jun 2014 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	*Lunella coronata*	2		9		17		13		5		6		4		7		8		6		77
G	*Monodonta labio*	19		25		19		22		24		42		35		72		39		37		334
G	*Nassarius festivus*					2		1														3
G	*Natica* sp.					1																1
G	*Nerita polita*							4				4		2				1				11
G	*Patelloida pygmaea*													1		2		1		1		5
G	*Thais luteostoma*							2		1												3
Ne	Nemertea spp.											1										1
P	Glyceridae spp.											1										1
Sp	*Sipunculus nudus*	3		1						1		1		4								10

Total 1570

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

Jun 2014 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*	1												5								6
Bi	*Atactodea striata*																		1			1
Bi	*Barbatia signata*															2						2
Bi	*Barbatia virescens*			1												2						3
Bi	*Circe* sp.										1		2				1	1			3	8
Bi	*Ruditapes philippinarum*														1							1
Bi	*Saccostrea cucullata*	27		19										45		17						108
Bi	*Xenostrobus atrata*	1														3						4
C	*Hemigrapsus penicillatus*			2																		2
C	*Nanosesarma minutum*															1						1
G	*Batillaria bornii*	18		45																		63
G	*Batillaria multiformis*			4		1	1			6		2		1		1		1		3		20
G	*Batillaria zonalis*	11		4		20		19		42		3		3		7		9		9	1	128
G	*Cellana toreuma*	1		1												1						3
G	*Cerithidea cingulata*						1					1				5	1	4		3	1	16
G	*Cerithidea djadjariensis*	36		33							1	27		4		11		8		17		137
G	*Cerithidea rhizophorarum*			1																		1
G	*Chlorostoma argyrostoma*			1																		1
G	*Euchelus scaber*	1														2						3

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

Jun 2014 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	*Lepidozona* sp.															1						1
G	*Lunella coronata*	15		21										7		10						53
G	*Monodonta labio*	4		2																		6
G	*Nassarius festivus*	1		1								1	1			1		1				6
G	*Natica* sp.																			1		1
G	*Pisania ignea*																			1		1
Hc	*Pagurus dubius*			1																		1
P	Goniadidae spp.						1															1
P	Maldanidae spp.												1						1			2
P	Nereididae spp.																1					1
P	Onuphidae spp.						1		1		1						1		1			5
P	*Ophelina acuminata*											1										1
P	Oweniidae spp.										1								1			2
Sp	*Sipunculus nudus*													1	1							2
																					Total	591

Faunal group (Gp) label

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

APPENDIX J

Waste Flow Table

MONTHLY SUMMARY WASTE FLOW TABLE

HKZMB Section Between HKLR and HKBCF

Name of Department: HyD

Contract No.: HY/2011/03

Monthly Summary Waste Flow Table for 2014

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

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

APPENDIX K

Cumulative Statistic on Complaints

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

Complaint Register

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

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

Complaint Register

Complaint No.	Received Date	Received Time	Source	Category	Complaint Details	Location	Improvement Measures Taken	Status	Remarks
COM-2012-010(3)	15-Nov-2012	-	EPD	Environmental (Noise, water quality & air quality)	The complainant has copied his reply from HyD dated 15 Nov 2012 to EPD and Health Department and he further complained on the following issues: • Noise nuisance generated by diesel engine; • Smell of exhaust pipe gas in his residence; and • Suspected marine water pollution (see enclosed photo). The complainant also requested EPD to install noise and air quality monitoring at Le Bleu Deux estate.	WA6 Portion X	Noise from blowing horn from vessels and barges and Metallic Parts thrown on Ground • Reminded the Contractor to request the captains of the vessels and barges not blowing the horn except in case of emergency or prevention of ship collisions/serious safety matters; • The supervision teams would enhance their tight control on the vessels and barges working at that location, and monitor the situation and take corresponding actions; and • To enhance the work force of RSS to supervise each step of construction activities and the use of hand tools until the completion of the site office erection. Noise from Engines and Cranes of the Barges during Marine Operation • Installation of noise covers onto the generators / motors on all working barges; • Increase frequency of applying lubricant to all moving parts and gear wheels of the working barges to avoid generation of abnormal sound; and • Review of working hours for the reclamation works and switching off all unnecessary machinery and plants at night time and Sundays. Noise from power generators • All generators shall be either screened or covered by adequate sound reducing materials; • All generators situated in front of Le Bleu Deux estate will be switched off at 19:00 hrs, except two generators will be kept running up to 22:00hrs and one generator will be kept running overnight for maintaining minimum power requirement; and • Arrangement with CLP Power HK Ltd (CLP) for the permanent power supply to the site offices has been chased in a matter of urgency. The use of power generators will be terminated in phase starting from 6 December 2012. Exhaust Fume Emission • Tight control on using the machine and generators in the vicinity of Le Bleu Deux estate; and • Closely monitor the frequency on engine cleansing and replacement of dust filter. Change of Sea Water in Yellow • The Contractor was reminded to move their vessels and barges at areas with adequate water depth as practically as possible.	Closed	-
COM-2012-010(4)	19-Nov-2012	22:25 hrs.	EPD	Environmental (Air quality and Noise)	The complainant filed again a complaint for the strong exhaust pipe fumes smell coming for the construction site in Tung Chung tonight as well as the extremely high level of noise as at at 10:30 pm (19/11/12).	WA6			
COM-2012-010(5)	24-Nov-2012

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

Complaint Register

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

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

Complaint Register

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

HyD Contract No.HY/2011/03
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Section between Scenic Hill and Hong Kong Boundary Crossing Facilities

Complaint Register

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

APPENDIX 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	12.11.2013	WA4	Loading/ Unloading of stockpiles	CNP issued on 26.11.2013	GW-RW0842-13	04.12.2013 1900	03.06.2014 2300
2	17.01.2014	Airport Road 1900	Rock Excavation	CNP issued on 30.01.2014	GW-RS0070-14	04.02.2014 1900	03.08.2014 2300
3	10.03.2014	WA3	Stockpiling/ wastewater treatment	CNP issued on 24.03.2014	GW-RS0256-14	24.03.2014 2400	27.09.2014 2400
4	18.03.2014	Kwo Lo Wan (19-23; 23-07)	Grouting and excavation	CNP issued on 01.04.2014	GW-RS0306-14	01.04.2014 1900	30.09.2014 2400
5	25.03.2014	Portion X	Marine Works	CNP issued on 08.04.2014	GW-RS0348-14	12.04.2014 1900	11.10.2014 2400
6	31.03.2014	West Portal	Tunnel works	CNP issued on 14.04.2014	GW-RS0372-14	14.04.2014 1900	13.09.2014 2400

Item No.	Date Application Submitted	Works Area Applied	Description	Status	CNP No.	Validity of CNP	
						From	To
7	17.04.2014	Reclamation Area	Sheet Piling	CNP issued on 30.04.2014	PP-RS0009-14	15.05.2014 0700	14.11.2014 1900
8	23.04.2014	S16	Grouting works	CNP issued on 07.05.2014	GW-RS0418-14	12.05.2014 1900	11.11.2014 2300
9	12.05.2014	Tung Fai Road	Water Pipes installation	CNP issued on 26.05.2014	GW-RS0522-14	27.05.2014 2100	26.11.2014 0700
10	15.05.2014	WA4	Loadin/ Unloading of stockpiles	CNP issued on 29.05.2014	GW-RS0434-14	04.06.2014 1900	03.12.2014 2300
11	21.05.2014	Portion X	Stone Column works RWC	CNP issued on 30.05.2014	GW-RS0546-14	05.06.2014 0130	04.08.2014 0700
12	29.05.2014	Airport Road Slip Road TTA Works	TTA Works	CNP issued on 09.06.2014	GW-RS0593-14	12.06.2014 0000	30.06.2014 0500
13	04.06.2014	Kwo Lo Wan (19-23; 23-07)	Grouting and Drilling	CNP issued on 18.06.2014	GW-RS0609-14	20.06.2014 1900	19.12.2014 2400
14	13.06.2014	Portion X	Stone Column works RWC	CNP issued on 24.06.2014	GW-RS0655-14	27.06.2014 0130	26.08.2014 0700

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" &
"Notification of Summons and Prosecutions"

Contract No. HY/2011/03 -
Hong Kong- Zhuhai- Macao Bridge
Hong Kong Link Road Section between Scenic Hill and Hong Kong Boundary Crossing Facilities
Notifications of Environmental Quality Limits Exceedances Notification No.: 183

Date of Notification: 11 July 2014

Works Inspected: Data collected from water sampling works on 27 June 2014 and the test report was issued on 2 July 2014.

Monitoring Location: Water Quality Monitoring Stations

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

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

PARAM	STATION	DEPTH	AL (mg/L)	LL (mg/L)	MEASURED AT MID-EBB TIDE (mg/L)	MEASURED AT MID-FLOOD TIDE (mg/L)
DO	IS8	Surface	5	4.2	5.1	***4.9***

Notes:
Bold Italic means AL exceedances.
Bold Italic with underline means LL exceedances.

Possible reason for Action or Limit Level Non-compliance:

On 27 June 2014, an Action Level exceedance of dissolved oxygen was recorded at station IS8 during the mid-flood tide.

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

1. Sand filling, installation of stone column, formation of stone platform and formation of seawall at Zone 1, formation of seawall at Zone 2, formation of seawall and deposition of rock core at Zone 3A were carried out within silt curtain as recommended in the EIA report.
2. The range of dissolved oxygen at station IS8 during the baseline monitoring is shown as below:

Station	Depth	Range of Dissolved Oxygen (mg/L) Mid-Ebb Tide			Range of Dissolved Oxygen (mg/L) Mid-Flood Tide		
IS8	Surface	4.9	to	8.6	5.5	to	7.7

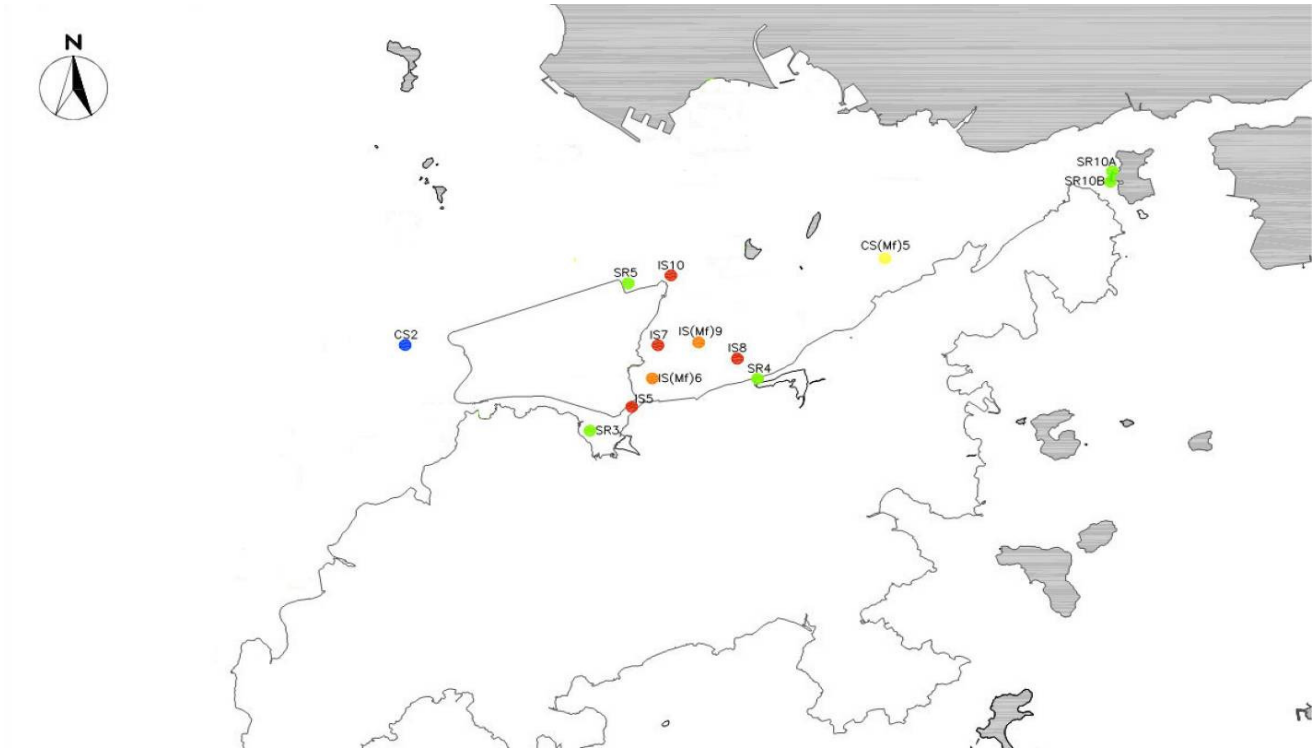
The measured value at station IS8 at the surface level was below the range of dissolved oxygen during the baseline monitoring for mid-flood tide. However, there were no specific activities recorded during the monitoring period that would cause any significant impact on the monitoring results.

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

Actions taken/ to be taken:

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

Location Plan:



Reviewed by : Claudine Lee Title : ET Leader

Date : 11 July 2014

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

Summary of Notifications of Summons and Prosecutions

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

APPENDIX O

Location of Works Areas

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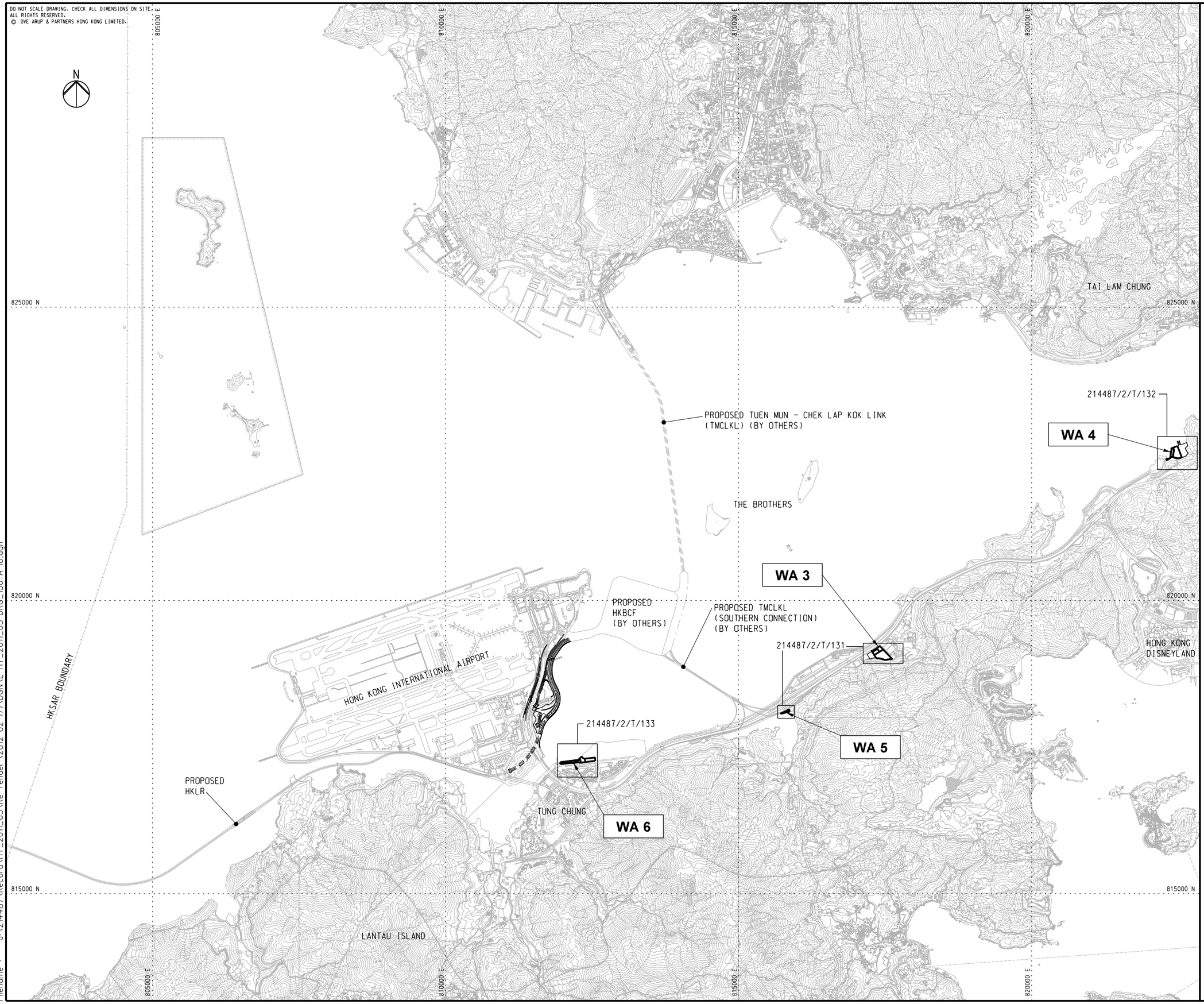

NOTES

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

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Scale: 1:30000 @A1		Status: TENDER	

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N

WORKS AREA
WA3

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N

WORKS AREA
WA4

倒扣灣
TO KAU WAN

船廠碼頭
SHIPYARD PIER

五鼓嶺
NG KWU LENG

新舖咀
SAN PO TSUI

青洲灣
TSING CHAU WAN

大青洲
TAI TSING CHAU

青嶼幹線
機場快綫
AIRPORT EXPRESS

TUNG CHUNG LINE

青洲仔
TSING CHAU TSAI

NORTH LANTAU HIGHWAY

長索咀
Cheung Sok Tsui

長索
CHEUNG SOK

下角咀
Ha Kok Tsui

鹿頸灣
LUK KENG BAY

鹿頸
LUK KENG

碼頭
PIER

欣澳
SUNNY BAY

貨運線

欣澳道

北大嶼山公路

SUNNY BAY ROAD

大陰頂
TAI YAM TENG
186

花瓶頂
FA PING TENG
273

昂船洲
NGONG SHUEN AU

陰仔灣
YAM TSAI WAN

欣澳灣
YAN O WAN

陰仔
YAM TSAI

欣澳篤
YAN O TUK

灣篤
WAN TUK

望東坑
MONG TUNG HANG

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

欣澳道

迪欣湖活動中心
INSPIRATION LAKE RECREATION CENTRE

DISNEYLAND RESORT

東涌路

竹篙灣發電廠
PENNY'S BAY POWER STATION

救生艇
Life Boat

大山
TAI SHAN

竹篙灣
PENNY'S BAY

四白坳
SZE PAK AU

扒頭鼓
PA TAU K

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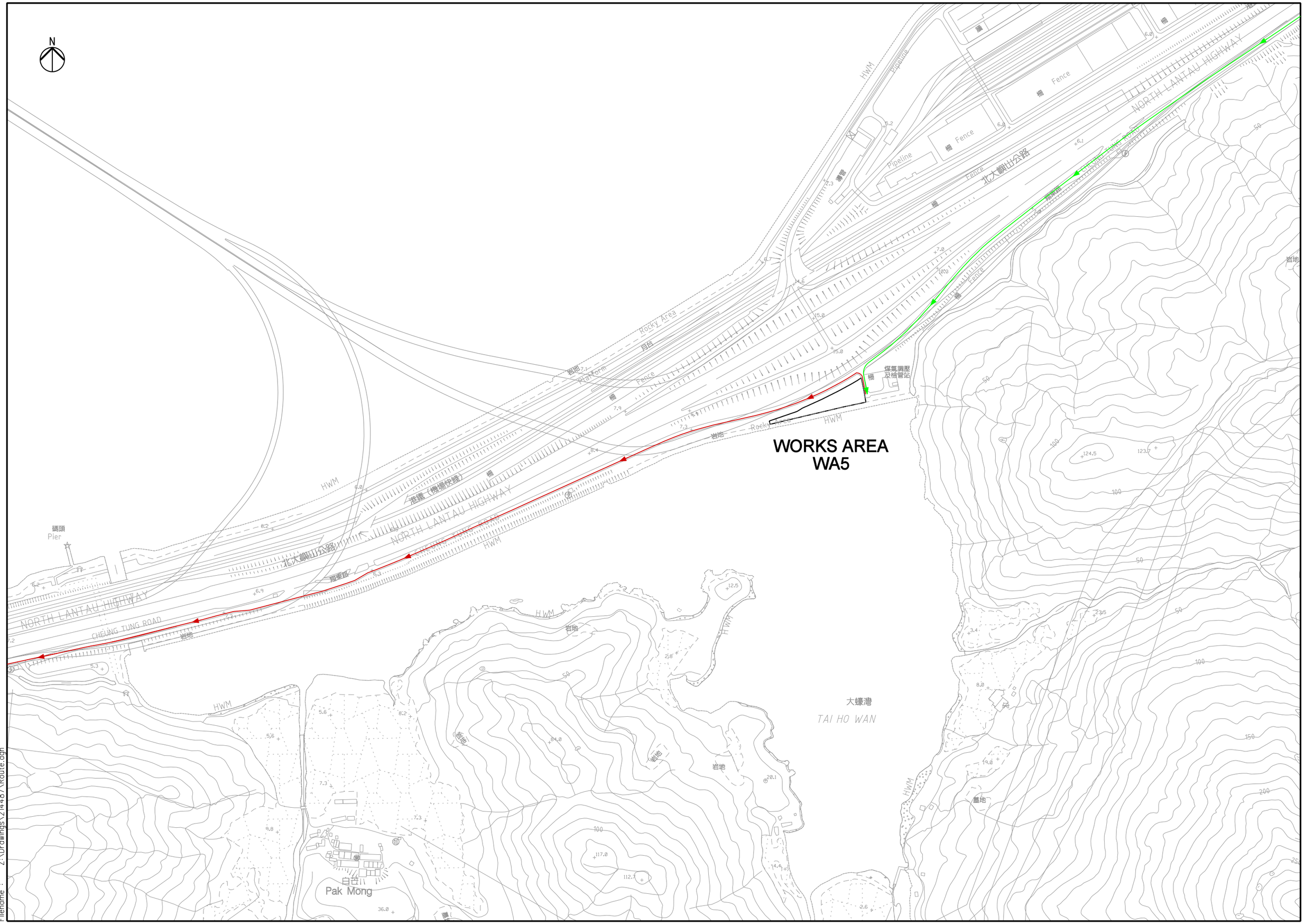

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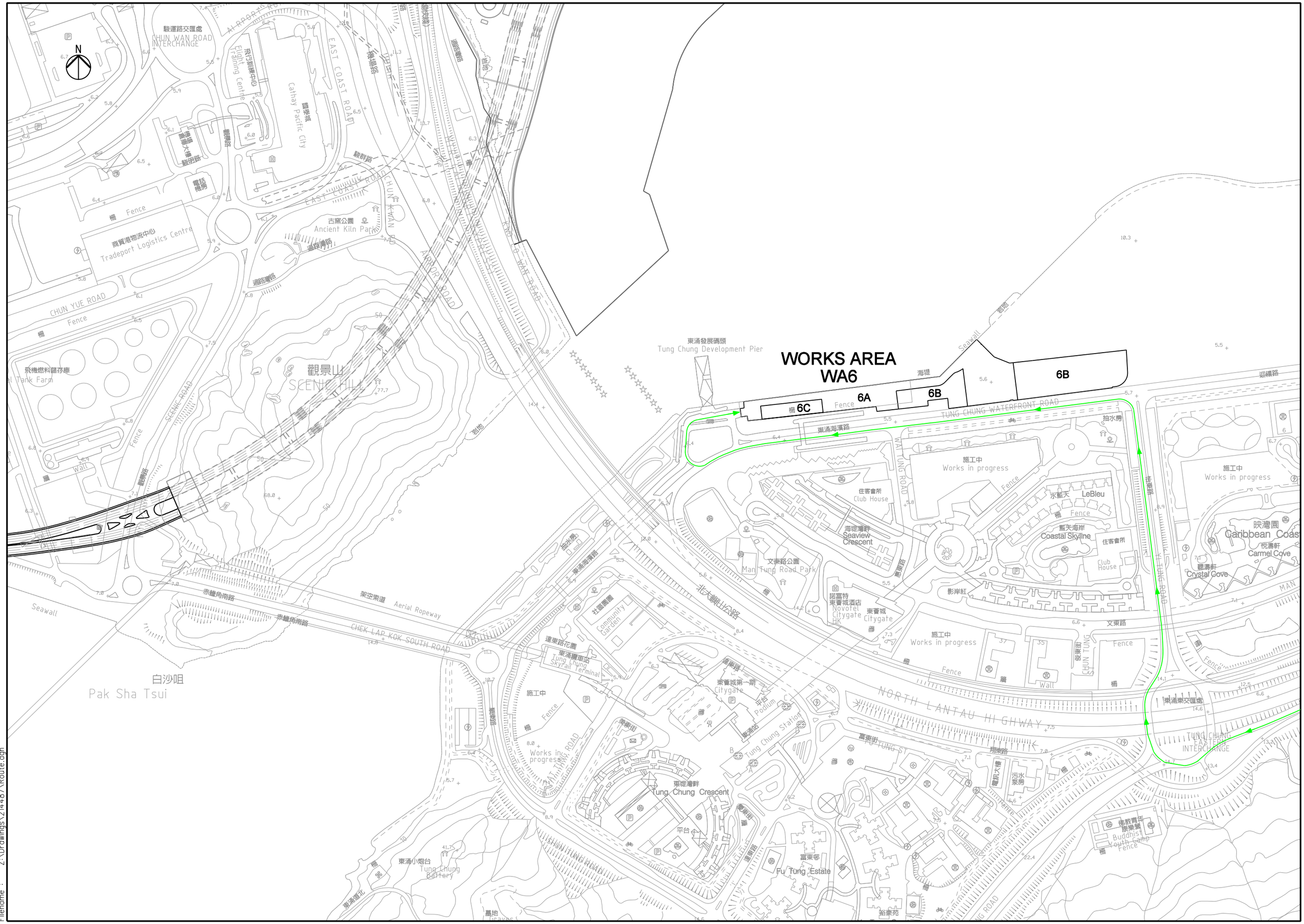

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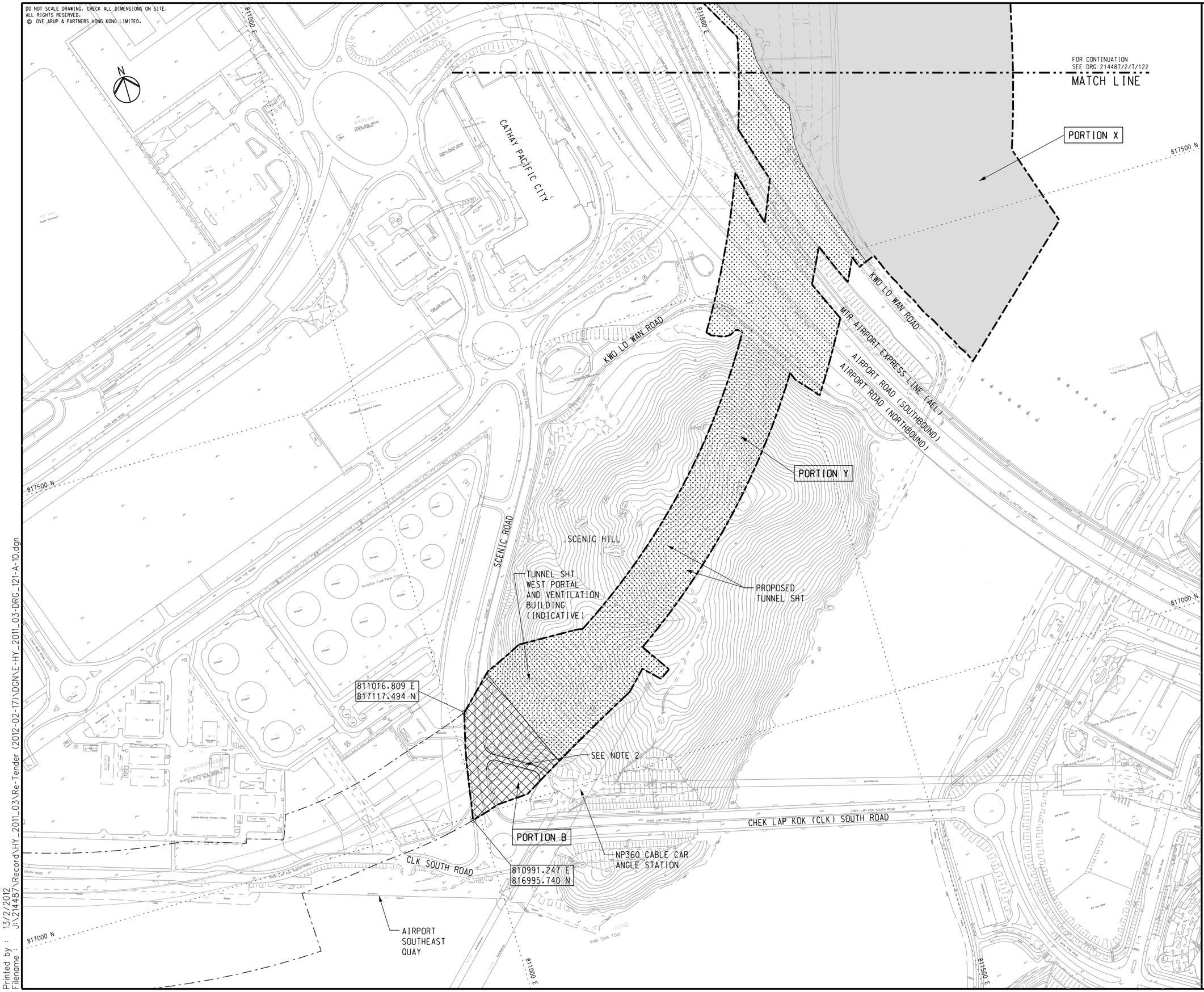

NOTES

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

LEGEND

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

Rev	Description	By	Date
A	TENDER ISSUE	IL	02/12

Consultant

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

Contract No. and Title:

Contract No. HY/2011/03

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

Drawing title

PORTION OF SITE
(SHEET 1 OF 3)

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Rev	Description	By	Date
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Consultant

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Contract No. and Title:

Contract No. HY/2011/03

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

Drawing title

PORTION OF SITE
(SHEET 2 OF 3)

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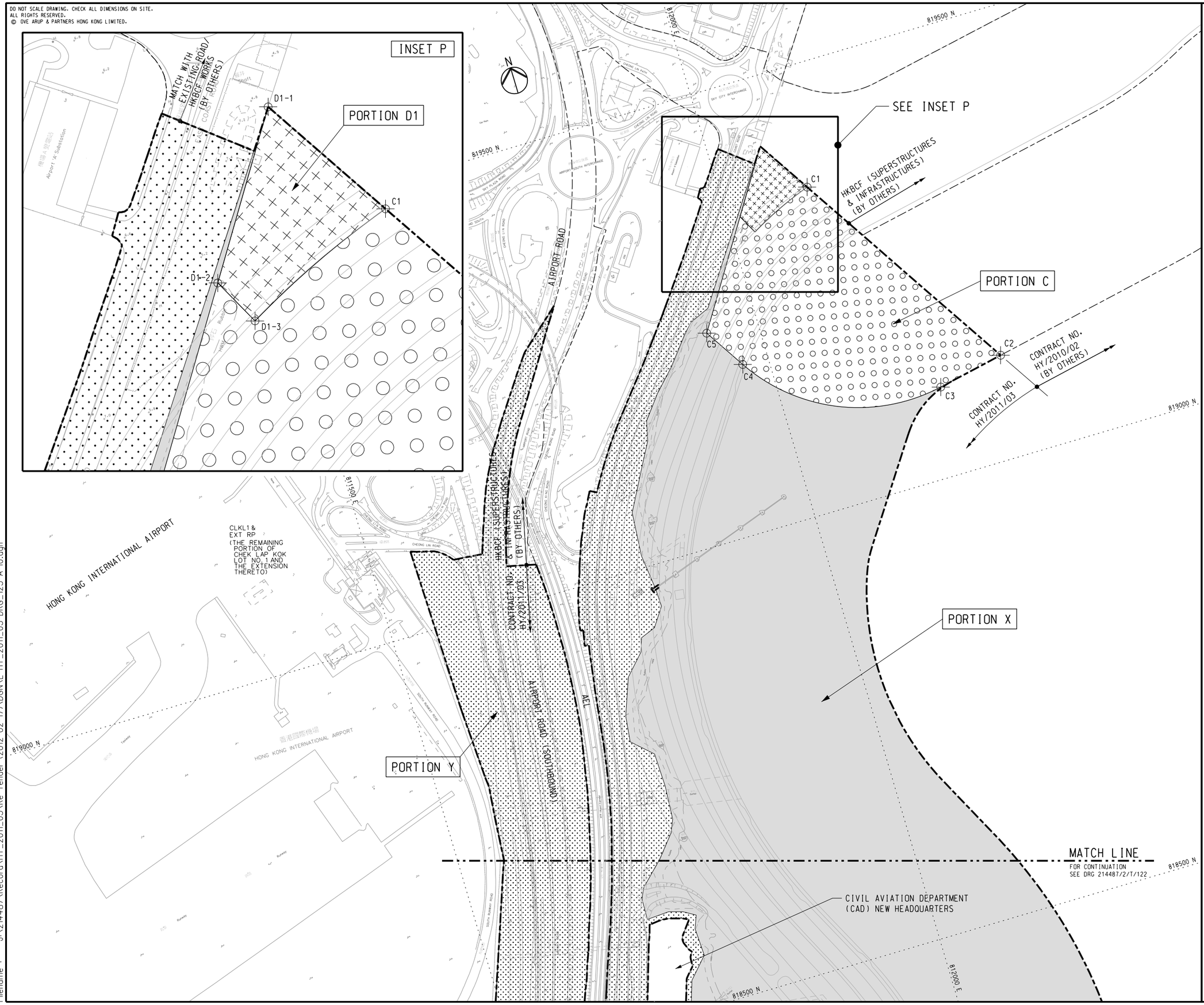

NOTES

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

SETTING OUT CO-ORDINATES OF SITE PORTION C

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

SETTING OUT CO-ORDINATES OF SITE PORTION D1

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

Rev	Description	By	Date
A	TENDER ISSUE	IL	02/12

Consultant

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

Contract No. and Title:

Contract No. HY/2011/03

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

Drawing title

PORTION OF SITE
(SHEET 3 OF 3)

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

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Hong Kong - Zhuhai - Macao Bridge
Hong Kong Project Management Office

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