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

Contract No. HY/2011/03

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

Monthly EM&A Report No.30 (March 2015)

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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/D for HKLR and EP-353/2009/H for HKBCF were issued on 22 December 2014 and 19 January 2015, 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 thirtieth Monthly EM&A report for the Contract which summaries the monitoring results and audit findings of the EM&A programme during the reporting period from 1 to 31 March 2015.

Environmental Monitoring and Audit Progress

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

1-hr TSP Monitoring	2, 6, 12, 18, 24 and 30 March 2015
24-hr TSP Monitoring	5, 11, 17, 23 and 27 March 2015
Noise Monitoring	2, 12, 18, 24 and 30 March 2015
Water Quality Monitoring	2, 4, 6, 9, 11, 13, 16, 18, 20, 23, 25, 27 and 30 March 2015
Chinese White Dolphin Monitoring	4, 11, 17 and 26 March 2015
Mudflat Monitoring (Ecology)	7, 8, 10, 20, 21 and 22 March 2015
Mudflat Monitoring (Sedimentation Rate)	20 March 2015
Site Inspection	4, 11, 18 and 27 March 2015

Due to boat availability issue, the dolphins monitoring was rescheduled from 9 March 2015 to 11 March 2015 and from 23 March 2015 to 26 March 2015.

Due to change of tide pattern and weather condition, mudflat monitoring (ecology) was rescheduled from 24 March to 20 March 2015.

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	1	1
	24-hr TSP	0	0
Noise	$L_{eq\ (30\ min)}$	0	0
Water Quality	Suspended solids level (SS)	4	0
	Turbidity level	0	0
	Dissolved oxygen level (DO)	0	0

An Action Level exceedance and a Limit Level exceedance of 1-hr TSP level at AMS5 were recorded during the reporting month.

Four Action Level exceedances of suspended solid level were recorded during the reporting month.

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;
- Filling Works behind Stone Platform 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;
- Sheet Piling at Portion X;
- Excavation and Lateral Support Works at Scenic Hill Tunnel (Cut & Cover Tunnel) at Portion X;
- Socket H-Piling work at Scenic Hill Tunnel (Cut & Cover Tunnel) at Portion X;
- Excavation Works for Minded HKBCF to Airport Tunnel 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 Airport Express Line 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;
- Canopy Pipe Drilling underneath Airport Express Line;
- Excavation and Lateral Support Works at shaft 3 extension north shaft & south shaft at Kwo Lo Wan Road;
- Excavation and Lateral Support Works for HKBCF to Airport Tunnel West (Cut & Cover Tunnel) at Airport Road;
- Pipe Piling Cofferdam Works for HKBCF to Airport Tunnel West (Cut & Cover Tunnel) at Airport Road
- Utility Culvert Excavation at Portion Y;
- Highway Operation and Maintenance Area Building Foundation Works at Portion Y;
- Excavation for Scenic Hill Tunnel at West Portal; and
- Ventilation Building Foundation Works at West Portal.

1 Introduction

1.1 Basic Project Information

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

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

1.1.3 China State Construction Engineering (Hong Kong) Ltd. was awarded by Highways Department (HyD) as the Contractor to undertake the construction works of Contract No. HY/2011/03. The Contract is part of the HKLR Project and HKBCF Project, these projects are considered to be “Designated Projects”, under Schedule 2 of the Environmental Impact Assessment (EIA) Ordinance (Cap 499) and Environmental Impact Assessment (EIA) Reports (Register No. AEIAR-144/2009 and AEIAR-145/2009) were prepared for the Project. The current Environmental Permit (EP) EP-352/2009/D for HKLR and EP-353/2009/H for HKBCF were issued on 22 December 2014 and 19 January 2015, 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 thirtieth Monthly EM&A report for the Contract which summaries the monitoring results and audit findings of the EM&A programme during the reporting period from 1 to 31 March 2015.

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
Filling works behind stone platform	Portion X
Temporary stone platform construction	Portion X
Sheet piling	Portion X
Excavation and lateral support works for Scenic Hill Tunnel (Cut & Cover Tunnel)	Portion X
Sheet Piling Work for Scenic Hill Tunnel (Cut & Cover Tunnel)	Portion X
Socket H-Pile for for Scenic Hill Tunnel (Cut & Cover Tunnel)	Portion X
Construction of Seawall	Portion X
Pipe roofing installation and excavation for Scenic Hill Tunnel	West Portal
Ventilation Building Foundation Works	West Portal
Works for diversion of Airport Road and Kwo Lo Wan Road	Kwo Lo Wan / Airport Road
Excavation works for HKBCF to Airport Tunnel West (Cut & Cover Tunnel)	Airport Road
Pipe Piling Cofferdam Works for HKBCF to Airport Tunnel West (Cut & Cover Tunnel)	Airport Road
Pre-grouting and pipe piling works for Airport Express Line access shafts	Airport Express Line
Utilities detection	Kwo Lo Wan/ Airport Road/ Airport Express Line
Excavation and lateral support works at shaft 3 extension north shaft & south shaft	Kwo Lo Wan Road
Utility culvert excavation	Portion Y
Highway Operation and Maintenance Area Building Foundation Works	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 March 2015 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 (μg/m^3)	Range (μg/m^3)	Action Level (μg/m^3)	Limit Level (μg/m^3)
AMS5	151	69 - 508	352	500
AMS6	115	65 - 173	360	500

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

Monitoring Station	Average (μg/m^3)	Range (μg/m^3)	Action Level (μg/m^3)	Limit Level (μg/m^3)
AMS5	60	32 - 103	164	260
AMS6	75	42 - 112	173	260

2.7.2 An Action Level exceedance and a Limit Level exceedance of 1-hr TSP level at AMS5 were recorded during the reporting month. According to the information provided by the Contractor, seawall construction was undertaken at Zone 2 and Zone 3A. The construction activities undertaken during the sampling period did not generate significant dust impact and these activities were undertaken far away from AMS5. The general weather conditions at Tung Chung were haze during the dust sampling period. The haze weather would cause higher readings of the portable dust meter. The wind direction during the dust monitoring was east, so the particulate matters which generated from the Contract were unlikely to reach the dust monitoring station (AMS5). Therefore, it is considered that the exceedances were not related to the construction activities of the Contract and were caused by the weather condition. Record of "Notification of Environmental Quality Limit Exceedances" is provided in **Appendix M**.

2.7.3 No Action and Limit Level exceedances of 24-hour TSP were recorded at AMS5 during the reporting month. No Action and Limit Level exceedances of 1-hour TSP and 24-hour TSP were recorded at AMS6 during the reporting month.

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

2.7.5 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 March 2015 is provided in **Appendix D**.

3.7 Monitoring Results

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

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

Monitoring Station	Average $L_{eq\ (30\ mins)}$, dB(A)	Range of $L_{eq\ (30\ mins)}$, dB(A)	Limit Level $L_{eq\ (30\ mins)}$, dB(A)
NMS5	59	57 - 60	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 March 2015 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	--	--	--	--	--	--	--	4 Mar 2015	0	1
	Limit Level	--	--	--	--	--	--	--	--	0	0
IS(Mf)9	Action Level	--	--	--	--	--	--	--	--	0	0
	Limit Level	--	--	--	--	--	--	--	--	0	0
IS10	Action Level	--	--	--	--	--	--	--	23 Mar 2015	0	1
	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	--	--	--	--	--	--	--	9 Mar 2015	0	1
	Limit Level	--	--	--	--	--	--	--	--	0	0
SR5	Action Level	--	--	--	--	--	--	--	23 Mar 2015	0	1
	Limit Level	--	--	--	--	--	--	--	--	0	0
SR10A	Action Level	--	--	--	--	--	--	--	--	0	0
	Limit Level	--	--	--	--	--	--	--	--	0	0
SR10B	Action Level	--	--	--	--	--	--	--	--	0	0
	Limit Level	--	--	--	--	--	--	--	--	0	0
Total	**Action**	0	0	0	0	0	0	0	4	4**	
	Limit	0	0	0	0	0	0	0	0	0**	

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

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

4.7.2 The construction activities on 4, 9 and 23 March 2015 were carried out within silt curtain as recommended in the EIA Report. There were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results. The exceedances of suspended solids were considered to be attributed to other external factors, rather than the contract works. Therefore, the exceedances were considered as non-contract related. Record of “Notification of Environmental Quality Limit Exceedances” is provided in **Appendix M**.

4.7.3 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.

4.7.4 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

Line No.		Easting	Northing		Line No.		Easting	Northing
7	End Point	810499	824613		19	End Point	822513	824321
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 March 2015, two sets of systematic line-transect vessel surveys were conducted on 4th, 11th, 17th and 26th to cover all transect lines in NWL and NEL survey areas twice. The survey routes of each survey day are presented in **Figures 2 to 5 of Appendix H**.

5.3.2 From these surveys, a total of 297.41 km of survey effort was collected, with 98.9% 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, 115.25 km and 182.16 km of survey effort were collected from NEL and NWL survey areas respectively. Moreover, the total survey effort conducted on primary lines was 217.65 km, while the effort on secondary lines was 79.76 km.

5.3.3 During the two sets of monitoring surveys in March 2015, four groups of 12 Chinese White Dolphins were sighted (**Annex II of Appendix H**). All sightings were made in NWL, with no dolphin being sighted at all in NEL. In fact, this is the eighth consecutive month without a dolphin sighting recorded in NEL. During March's surveys, only one of the four sightings were made on primary lines during on-effort search, and none of the dolphin groups was associated with operating fishing vessel.

5.3.4 Distribution of these dolphin sightings made in March 2015 is shown in (**Figure 6 of Appendix H**). The four sightings were scattered to the north and west of the airport platform, near Shum Wat and Black Point (**Figure 6 of Appendix H**).

5.3.5 Notably, none of the four sightings was made in the proximity of the HKLR03 and HKBCF reclamation sites, as well as the TMCLKL alignments (Figure 6). However, a lone dolphin was sighted near Shum Wat, which was very close to the HKLR09 alignment (**Figure 6 of Appendix H**).

5.3.6 During March'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**.

5.3.7 The average group size of Chinese White Dolphins in March 2015 was 3.00 individuals per group, which was lower than the ones in previous months of dolphin monitoring. Three of the four dolphin groups were composed of 1-3 dolphins during the monitoring period

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: March 4th / 11th	0.0	0.0
	Set 2: March 17th / 26th	0.0	0.0
NWL	Set 1: March 4th / 11th	1.4	10.0
	Set 2: March 17th / 26th	0.0	0.0

Remarks:
1. Dolphin Encounter Rates Deduced from the Two Sets of Surveys (Two Surveys in Each Set) in March 2015 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	0.7	1.1	5.0	5.6

Remarks:
1. Monthly Average Dolphin Encounter Rates (Sightings Per 100 km of Survey Effort) from All Four Surveys Conducted in March 2015 on Primary Lines only as well as Both Primary Lines and Secondary Lines in Northeast (NEL) and Northwest Lantau (NWL).

Photo-identification Work

5.3.8 Ten individual dolphins were sighted 11 times during March's surveys. Almost all of them were sighted only once, except one individual (NL284) being sighted twice during the monitoring month. (**Annex III and IV of Appendix H**).

5.3.9 Notably, one of the 10 individual dolphins (NL123) was accompanied with her calf (NL285) during their re-sightings. This mother-calf pair has been sighted repeatedly throughout the HKLR03 construction period.

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 (March 2015 – May 2015) 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 20 March 2015. 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 (March 2015)		
Monitoring Station	Easting (m)	Northing (m)	Surface Level (mPD)	Easting (m)	Northing (m)	Surface Level (mPD)
S1	810291.160	816678.727	0.950	810291.151	816678.718	1.0070
S2	810958.272	815831.531	0.864	810958.254	815831.542	0.958
S3	810716.585	815953.308	1.341	810716.604	815953.303	1.455
S4	811221.433	816151.381	0.931	811221.418	816151.412	1.097

Table 6.3 Comparison of measurement

	Comparison of measurement			Remarks and Recommendation
Monitoring Station	Easting (m)	Northing (m)	Surface Level (mPD)	
S1	-0.009	-0.009	0.120	Level continuously increased
S2	-0.018	0.011	0.094	Level continuously increased
S3	0.019	-0.005	0.114	Level continuously increased
S4	-0.015	0.031	0.166	Level continuously increased

6.1.6 This measurement result was generally and relatively higher than the baseline measurement at S1, S2, S3 and S4. The mudflat level is continuously increased.

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 March 2015. 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)
2-Mar-15	7.04	4.65	7.10	8.03	10.95	4.30
4-Mar-15	7.38	9.55	6.65	7.29	19.15	17.45
6-Mar-15	7.34	17.80	6.90	7.39	14.65	7.55
9-Mar-15	7.08	14.55	10.55	7.07	13.20	8.55
11-Mar-15	7.19	16.30	8.90	7.21	13.30	10.05
13-Mar-15	7.14	15.50	6.20	7.14	20.85	12.75
16-Mar-15	7.18	13.30	7.15	7.20	12.35	9.90
18-Mar-15	7.16	5.35	8.55	7.17	8.80	11.45
20-Mar-15	7.61	9.90	10.90	6.86	5.75	7.90
23-Mar-15	6.18	20.40	12.85	6.93	7.85	11.75
25-Mar-15	7.16	5.50	7.85	6.98	5.75	8.40
27-Mar-15	6.92	3.95	7.30	6.87	2.70	6.20
30-Mar-15	7.19	4.85	5.60	7.33	5.30	4.65
Average	7.12	10.89	8.19	7.19	10.82	9.30

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 March 2015 (totally 5 sampling days between 7th and 22nd March 2015).

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 7th (for TC1), 8th (for TC3), 20th (for ST) and 21st (for TC2) March 2015. The weather was sunny on 7-8th March while it was cloudy on 20th -21st March 2015.

Seagrass Beds

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 7th (for TC1), 8th (for TC3), 20th (for ST) and 21st (for TC2) March 2015. The weather was sunny on 7-8th March while it was cloudy on 20th-21st March 2015.

Intertidal Soft Shore Communities

6.3.3 The intertidal soft shore community surveys were conducted in low tide period on 7th (forTC1), 8th (for TC3), 21st(for TC2) and 22nd March 2015 (for ST). 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.

6.3.4 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 were dug for visible infauna in the quadrat regardless of hand core sample was taken.

6.3.5 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.

6.3.6 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

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

$H' = -\Sigma\ (\ Ni\ /\ N\ )\ \ln\ (\ Ni\ /\ N\ )$ (Shannon and Weaver, 1963)
$J = H'\ /\ \ln S$, (Pielou, 1966)

where S is the total number of species in the sample, N is the total number of individuals, and Ni is the number of individuals of the i^{th} species.

6.4 Event and Action Plan for Mudflat Monitoring

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

Table 6.5 Event and Action Plan for Mudflat Monitoring

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

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

6.5 Mudflat Ecology Monitoring Results and Conclusion

Horseshoe Crabs

6.5.1 **Table 3.1 and Figure 3.1 of Appendix I** shows the records of horseshoe crab survey at every sampling zone. There were three and one individuals of *Carcinoscorpius rotundicauda* found only in TC1 and TC2 respectively. Relatively more individuals of both species *Carcinoscorpius rotundicauda* and *Tachypleus tridentatus* were found in TC3 (total 70 ind.) and ST (total 31ind.). All individuals were mainly found on fine sand or soft mud substrata. The group size varied from 2 to 11 individuals for every sight record.

6.5.2 There was one important finding that a mating pair of *Carcinoscorpius rotundicauda* was found in ST (prosomal width: male 155.1 mm, female 138.2 mm) (**Figure 3.1 of Appendix I**). It indicated the importance of ST as a breeding ground of horseshoe crab. Moreover, two moults of *Carcinoscorpius rotundicauda* were found in TC1 with similar prosomal width 130-140 mm (**Figure 3.1 of Appendix I**).It reflected that a certain numbers of moderately sized individuals inhabited the sub-tidal habitat of Tung Chung Wan after its nursery period on soft shore. These individuals might move onto soft shore during high tide for feeding, moulting and breeding. Then it would return to sub-tidal habitat during low tide. Because the mating pair should be inhabiting sub-tidal habitat in most of the time. The record was excluded from the data analysis to avoid mixing up with juvenile population living on soft shore.

6.5.3 **Table 3.2 of Appendix I** summarizes the survey results of horseshoe crab at every sampling zone. For *Carcinoscorpius rotundicauda*, the search record was 0.8 ind. hr^{-1} $person^{-1}$(3 ind., mean prosomal width: 42.98 mm), 0.3ind. hr^{-1} $person^{-1}$(1 ind., 46.28 mm), 7.2ind. hr^{-1} $person^{-1}$(43 ind., 33.92 mm), 2.2ind. hr^{-1} $person^{-1}$(13 ind., 45.48 mm)in TC1, TC2, TC3 and ST respectively. According to Li (2008), the prosomal width of recorded individuals ranged 13.79 - 69.68 mm that was about 3-11 years old. For *Tachypleus tridentatus,* the search record was 4.5 ind. hr^{-1} $person^{-1}$(27 ind., 43.61mm) and 3.0 ind. hr^{-1} $person^{-1}$(18 ind., 51.77 mm) in TC3 and ST respectively. The prosomal width of recorded individuals ranged 27.37 - 72.66 mm that was about 3.5 - 8.5 years old.

6.5.4 No marked individual of horseshoe crab was recorded in present survey. Some marked individuals were found in previous surveys conducted in September 2013, March 2014 and September 2014. 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. There should be second round of release between June and September 2014 since new marked individuals were found in the survey of September 2014.

6.5.5 The artificial bred individuals, if found, would be 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 after a certain period of release. The artificially released individuals were no longer distinguishable from the natural population without the specific chip sensor. The survey data collected would possibly cover both natural population and artificially bred individuals.

Population difference among the sampling zones

6.5.6 **Figures 3.2 and 3.3 of Appendix I** show the changes of number of individuals, mean prosomal width and search record of horseshoe crabs *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 followed by TC3. In contrast, much lower search record was found in other sampling zones especiallyTC2 (2 ind. in September 2013, 1 ind. in March, June, September 2014 and March 2015).There was no spatial difference of horseshoe crab size (prosomal width) among the sampling zones.

6.5.7 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, TC3 was another nursery ground adjacent to ST showing moderate but fluctuating number of horseshoe crab. Relatively, other sampling zones were not a suitable nursery ground especially TC2. Possible factors were less area of suitable substratum (especially TC1) and higher human disturbance (TC1 and TC2: 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 and TC2 were believed migrating from TC3 and ST during high tide while it might leave over a certain period of time. It accounted for the variable search records in the sampling zones along the sampling months. For example, few individuals of *Tachypleus tridentatus* were found in TC1 only between September 2012 and September 2013. However it no longer appeared while few individuals of *Carcinoscorpius rotundicauda* were found after March 2014.

Seasonal variation of horseshoe crab population

6.5.8 Throughout the monitoring period conducted, the search record of horseshoe crab declined obviously during dry season especially December (**Figures 3.2 and 3.3 of Appendix I**). No individual of horseshoe crabwas found in the survey of December 2013. Next year, 2 individuals of *Carcinoscorpius rotundicauda* and 8 individuals of *Tachypleus tridentatus* were found only in December 2014. 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.

6.5.9 Between the sampling months September 2012 and December 2013, *Carcinoscorpius rotundicauda* was a less common species relative to *Tachypleus tridentatus*. Only 4 individuals were ever recorded in ST in December 2012. This species had ever been believed of very low density in ST hence the encounter rate was very low. In March 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. From March 2014 to March 2015, more individuals were recorded due to larger size and higher activity.

6.5.10 For *Tachypleus tridentatus,* sharp increase of number of individuals was recorded in ST with wet season (from March to September 2013). 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. However similar pattern was not recorded during the wet season of 2014.The number of individuals increased in March and June 2014 followed by a rapid decline in September 2014. Apart from natural mortality, migration from nursery soft shore to subtidal habitat was another possible cause. Since the mean prosomal width of *Tachypleus tridentatus* continued to grow and reached about 50 mm in Sep 2014. Then it varied slightly between 50-60 mm from September 2014 to March 2015. Most of the individuals might have reached a suitable size strong enough to forage in sub-tidal habitat.

6.5.11 **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 September 2012 and December 2013 hence the data were lacking. From March to September 2014, the size of major population (50% records between upper and lower quartile) fluctuated between 30-40 mm and 45-60 mm. Such fluctuation should be due to variable encounter rate influenced by weather. For *Tachypleus tridentatus,* a consistent growing trend was observed for the major population from December 2012 to December 2014 regardless of change of search record. The prosomal width increased from 15-30 mm to 55-70 mm. As mentioned, the large individuals might have reached a suitable size for migrating from the nursery soft shore to subtidal habitat. In the present survey (March 2015), the size decreased slightly with prosomal width 40-55 mm. It further indicated some of order individuals might have migrated to sub-tidal habitat.

<u>Impact of the HKLR project</u>

6.5.12 The present survey was the tenth time 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.

<u>Seagrass Beds</u>

6.5.13 **Table 3.3 of Appendix I** show the records of seagrass beds survey at every sampling zone. There was no record of seagrass in other sampling zones. In ST, a long strand of *Zostera japonica* was found on sandy substratum nearby the seaward side of mangrove area at tidal level 2.0 m above C.D. **(Figure 3.5 of Appendix I)**. The estimated area was about 69.6 m^2 while the estimated vegetation coverage was 50-70% and average area 23.2 m^2 **(Table 3.4 of Appendix I)**. Another seagrass *Halophila ovalis* was reported disappeared in previous survey in December 2014. In present survey, two small patches of *Halophila ovalis* were found coninhabiting with the long strand of *Zostera japonica* **(Figure 3.5 of Appendix I)**. The estimated area ranged 1.0-4.0 m^2 while the estimated vegetation coverage was 30%. The total area and average area of seagrass beds were 5.0 m^2 and 2.5 m^2 respectively **(Table 3.4 of Appendix I)**. Some labelled sticks were inserted in the area where used to be the seagrass patch of highest coverage. Through informal enquiry with AFCD staffs on site, the sticks were used to trace the recolonization pattern of seagrass after the rapid disappearance reported in December 2014.

Temporal variation of seagrass beds

6.5.14 **Figure 3.6 of Appendix I** shows the changes of estimated total area of seagrass beds in ST along the sampling months. For *Zostera japonica*, it was not recorded in the 1st and 2nd surveys of monitoring programme. Seasonal recruitment of few, small patches (total seagrass area: 10 m^2) was found in March 2013 that grew within the large patch of seagrass *Halophila ovalis*. Then the patch size increased and merged gradually with the warmer climate from March to June 2013 (15 m^2). However the patch size decreased sharply and remained similar from September 2013 (4 m^2) to March 2014 (3 m^2). In June 2014, the patch size increased obviously again (41 m^2) with warmer climate. Similar to previous year, the patch size decreased again and remained similar September 2014 (2 m^2) to December 2014 (5 m^2). In March 2015 (present survey), the patch size increased sharply again (69.6 m^2) and became the dominant seagrass *Halophila ovalis* resulting in less competition for substratum and nutrients.

6.5.15 For *Halophila ovalis*, it was recorded as 3-4 medium to large patches (area 18.9-251.7 m^2; vegetation coverage 50-80%) beside the mangrove vegetation at tidal level 2 m above C.D in the December 2013 (first survey). The total seagrass bed area grew steadily from 332.3 m^2 in September 2012 to 727.4 m^2 in December 2013. Flowers could be observed in the largest patch during its flowering period in December 2013. In March 2014, 31 small to medium patches were newly recorded (variable area 1-72 m^2 per patch, vegetation coverage 40-80% per patch) in lower tidal zone between 1.0 and 1.5 m above C.D. The total seagrass area increased further to 1350 m^2. 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. It was generally grouped into 4 large areas (1116 – 2443 m^2) of seagrass beds characterized of patchy distribution, variable vegetable coverage (40-80%) and smaller leaves. The total seagrass bed area increased sharply to 7629 m^2. In September 2014, the total seagrass area declined sharply to 1111 m^2. There were only 3-4 small to large patches (6-253 m^2) at high tidal level and 1 patch at low tidal level (786 m^2). Typhoon or strong water current was a possible cause (Fong, 1998). In September 2014, there were two tropical cyclone records in Hong Kong (7th-8th September: no cyclone name, maximum signal number 1; 14th-17th September: Kalmaegi maximum signal number 8SE) before the seagrass survey dated 21st September 2014. The strong water current caused by the cyclone, Kalmaegi especially, might have given damage to the seagrass beds. In addition, natural heat stress and grazing force were other possible causes reducing seagrass beds area. Besides, *Halophila ovalis* could be found in other mud flat area surrounding the single patch. But it was hardly distinguished into patches due to very low coverage (10-20%) and small leaves.

6.5.16 In December 2014, all the seagrass patches of *Halophila ovalis* disappeared in ST**. Figure 3.7 of Appendix I** shows the difference of the original seagrass beds area nearby the mangrove vegetation at high tidal level between Jun. 2014 and December 2014. Such rapid loss would not be seasonal phenomenon because the seagrass beds at higher tidal level (2.0 m above C.D.) were present and normal in December 2012 and 2013. According to Fong (1998), similar incident had occurred in ST in the past. The original seagrass area had declined significantly during the commencement of the construction and reclamation works for the international airport at Chek Lap Kok in 1992. The seagrass almost disappeared in 1995 and recovered gradually after the completion of reclamation works. Moreover, incident of rapid loss of seagrass area was also recorded in another intertidal mudflat in Lai Chi Wo in 1998 with unknown reason. Hence *Halophila ovalis* was regarded as a short-lived and *r*-strategy seagrass that can colonize areas in short period but disappears quickly under unfavourable conditions (Fong, 1998).

Unfavourable conditions to seagrass *Halophila ovalis*

6.5.17 Typhoon or strong water current was suggested as one unfavourable condition to *Halophila ovalis* (Fong, 1998). As mentioned above, there were two tropical cyclone records in Hong Kong in September 2014. The strong water current caused by the cyclones might have given damage to the seagrass beds.

6.5.18 Prolonged light deprivation due to turbid water would be another unfavouable condition. Previous studies reported that *Halophila ovalis* had little tolerance to light deprivation. During experimental darkness, seagrass biomass declined rapidly after 3-6 days and seagrass died completely after 30 days. The rapid death might be due to shortage of available carbohydrate under limited photosynthesis or accumulation of phytotoxic end products of anaerobic respiration (details see Longstaff *et al*., 1999). Hence the seagrass bed of this species was susceptible to temporary light deprivation events such as flooding river runoff (Longstaff and Dennison, 1999).

6.5.19 In order to investigate any deterioration of water quality (e.g. more turbid) in ST, the water quality measurement results at two closest monitoring stations SR3 and IS5 of the EM&A programme were obtained from the water quality monitoring team. Based on the results from June to December 2014, the overall water quality was in normal fluctuation except there was one exceedance of suspended solids (SS) at both stations in September. On 10th September, 2014, the SS concentrations measured at mid-ebb tide at stations SR3 (27.5 mg/L) and IS5 (34.5 mg/L) exceeded the Action Level (≤23.5 mg/L and 120% of upstream control station's reading) and Limit Level (≤34.4 mg/L and 130% of upstream control station's reading) respectively. The turbidity readings at SR3 and IS5 reached 24.8-25.3 NTU and 22.3-22.5 NTU respectively. The temporary turbid water should not be caused by the runoff from upstream rivers. Because there was no rain or slight rain from 1st to 10th September 2014 (daily total rainfall at the Hong Kong International Airport: 0-2.1 mm; extracted from the climatological data of Hong Kong Observatory). The effect of upstream runoff on water quality should be neglectable in that period. Moreover the exceedance of water quality was considered unlikely to be related to the contract works of HKLR according to the 'Notifications of Environmental Quality Limits Exceedances' provided by the respective environmental team. The respective construction of seawall and stone column works, which possibly caused turbid water, were carried out within silt curtain as recommended in the EIA report. Moreover there was no leakage of turbid water, abnormity or malpractice recorded during water sampling. In general, the exceedance of suspended solids concentration was considered to be attributed to other external factors, rather than the contract works.

6.5.20 Based on the weather condition and water quality results in ST, the co-occurrence of cyclone hit and turbid waters in September 2014 might have combined the adverse effects on *Halophila ovalis* that leaded to disappearance of this short-lived and *r*-strategy seagrass species. Fortunately *Halophila ovalis* was a fast-growing species (Vermaat *et al*., 1995). Previous studies showed that the seagrass bed could be recovered to the original sizes in 2 months through vegetative propagation after experimental clearance (Supanwanid, 1996). Moreover it was reported to recover rapidly in less than 20 days after dugong herbivory (Nakaoka and Aioi, 1999). As mentioned, the disappeared seagrass in ST in 1995 could recover gradually after the completion of reclamation works for international airport (Fong, 1998). The seagrass beds of *Halophila ovalis* might recolonize the mudflat of ST through seed reproduction as long as there was no unfavourable condition in the coming months. In March 2015 (present survey), two small patches of *Halophila ovalis* were newly found coinhabiting with another seagrass species. But its total patch area was still very low relative to the previous records. The recolonization rate was low while cold weather and insufficient sunlight were possible factors between December 2014 and March 2015. Moreover, it would need to complete with more abundant seagrass *Zostera japonica* for substratum and nutrient. Therefore it was too early to conclude if *Halophila ovalis* would recolonize to its original size. Or the dominance of seagrass bed would be replaced by *Zostera japonica*. Regular monitoring was necessary.

Impact of the HKLR project

6.5.21 The present survey was the tenth survey of the EM&A programme during the construction period. The results showed that density and the distribution pattern of *Halophila ovalis* were significantly lower than or different from those recorded in the baseline monitoring. Based on the results, there was recolonization of both seagrass species *Halophila ovalis* and *Zostera japonica* in ST. The seagrass patches were predicted to increase in the coming warm season. Hence the negative impact of HKLR project on the seagrass was not significant. In case, adverse phenomenon (e.g. reduction of seagrass patch size, abnormal change of leave colour) is observed again, it would be reported as soon as possible.

Intertidal Soft Shore Communities

6.5.22 **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. The distribution of substratum types varied among tidal levels and sampling zones:

- In TC1, the distribution of substratum was similar among three tidal levels. High percentage of ‘Gravels and Boulders’ was recorded (80-90%) at all tidal levels. The remaining substratum was ‘Soft mud’ (20%) at high tidal level while it was ‘Sands’ at mid and low tidal levels.
- In TC2, higher percentage of ‘Sands’ (50-60%) were recorded at high and mid tidal levels followed by ‘Soft mud’ (40-50%). At low tidal level, ‘Soft mud’ was the main substratum (70%) followed by ‘Sands’ (30%).
- In TC3, the distribution of ‘Sands’ (50%) and ‘Soft mud’ (50%) was even at high and mid tidal levels. ‘Gravels and Boulders’ was the main substratum type (100%) at low tidal level.
- In ST, ‘Gravels and Boulders’ (80-100%) was the main substratum at high and mid tidal levels. the distribution of ‘Gravels and Boulders’ (30%), ‘Sands’ (40%) and ‘Soft mud’ (30%) was even at low tidal level.

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

6.5.24 **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 15440 individuals were recorded. Mollusca was significantly the most abundant phylum (total individuals 15115, density 504 ind. m^{-2}, relative abundance 97.9%). The second abundant phylum was Arthropoda (154 ind., 5 ind. m^{-2}, 1.0%). The third and fourth abundant phyla were Annelida (75 ind., 3 ind. m^{-2}, 0.5%) and Sipuncula (47 ind., 2 ind. m^{-2}, 0.3%). Relatively other phyla were very low in abundances (density ≤1 ind. m^{-2}, relative abundance ≤0.2%). Moreover, the most diverse phylum was Mollusca (45 taxa) followed by Arthropoda (13 taxa) and Annelida (8 taxa). There were 1-2 taxa recorded only for other phyla. The complete list of collected specimens is shown in **Annex III of Appendix I**.

6.5.25 **Table 3.7 of Appendix I** shows the number of individual, relative abundance and density of each phylum in every sampling zone. The total abundance (3514-4300 ind.) varied among the four sampling zones while the phyla distributions were similar. In general, Mollusca was the most dominant phylum (no. of individuals: 3387-4247 ind.; relative abundance 96.4-98.8%; density 452-566 ind. m^{-2}). Other phyla were significantly lower in number of individuals. Arthropoda was the second or third abundant phylum (35-90 ind.; 1.0-2.6%; 5-12 ind. m^{-2}) in TC2 and ST. Annelida was the second or third abundant phylum (27-31 ind.; 0.8%; 4 ind. m^{-2}) in TC2 and TC3. Sipuncula was the third abundant phylum (18 ind.; 0.5%; 2 ind. m^{-2}) in TC3. Cnidaria (sea anemone) was the second abundant phylum (36 ind.; 1.0%; 5 ind. m^{-2}) in ST. Relatively, other phyla were low in abundance among the four sampling zones (< 0.5%).

Dominant species in every sampling zone

6.5.26 **Table 3.8 of Appendix I** lists the abundant species (relative abundance >10%) in every sampling zone. In TC1, gastropod *Batillaria multiformis* was the most abundant clearly (434-446 ind. m^{-2}, relative abundance 69-77%) at high and mid tidal levels (major substratum: ‘Gravels and Boulders’). It was the second abundant taxon at much lower density (136 ind. m^{-2}, 27%) at low tidal level (major substratum: ‘Gravels and Boulders’). Rock oyster *Saccostrea cucullata* (169 ind. m^{-2}, 33%, attached on boulders) was the most abundant at moderate density at low tidal level. Gastropod *Monodonta labio* (65-92 ind. m^{-2}, 10-18%) was the second and third abundant taxa at mid and low tidal levels respectively.

6.5.27 At TC2, gastropods *Cerithidea djadjariensis* (506 ind. m^{-2}, 66%) was the most abundant clearly at high tidal level (major substrata: 'Sands' and 'Soft mud') followed by gastropod *Cerithidea cingulata* (144 ind. m^{-2}, 19%). At mid (major substratum: 'Sands') and low (major substratum: 'Soft mud') tidal levels, gastropod *Cerithidea djadjariensis* was also the most abundant at low-moderate density (62-150 ind. m^{-2}, 33%) followed by rock oyster *Saccostrea cucullata* (41-91 ind. m^{-2}, 20-22%) and gastropod *Batillaria zonalis* (37-54 ind. m^{-2}, 12-20%).

6.5.28 At TC3, gastropod *Cerithidea djadjariensis* was the most abundant at moderate density (264-290 ind. m^{-2}, 46-47%) at high and mid tidal levels (major substrata: 'Sands' and 'Soft mud') followed by gastropod *Batillaria multiformis* (79-175 ind. m^{-2}, 14-28%) and *Cerithidea cingulata* (129-161 ind. m^{-2}, 21-28%). At low tidal level (major substratum: 'Gravels and Boulders'), rock oyster *Saccostrea cucullata* (140 ind. m^{-2}, 36%) was the most abundant at moderate density followed by gastropods *Monodonta labio* (109 ind. m^{-2}, 28%) and *Batillaria multiformis* (49 ind. m^{-2}, 13%)

6.5.29 At ST, gastropod *Batillaria multiformis* was most abundant (288 ind. m^{-2}, 42%) at moderate density at high tidal level (major substratum: 'Gravels and Boulders') followed by gastropod *Monodonta labio* (114 ind. m^{-2}, 17%) and rock oyster *Saccostrea cucullata* (100 ind. m^{-2}, 15%). At mid tidal level (major substratum: 'Gravels and Boulders'), rock oyster *Saccostrea cucullata* (136 ind. m^{-2}, 24%) was the most abundant at moderate density. Other less abundant taxa were gastropods *Monodonta labio* (115 ind. m^{-2}, 20%) and *Batillaria multiformis* (92 ind. m^{-2}, 16%). At low tidal level (major substrata: 'Sands' and 'Soft mud'), gastropod *Lunella coronata* (55 ind. m^{-2}, 26%) and rock oyster *Saccostrea cucullata* (46 ind. m^{-2}, 22%) were common taxa at low densities.

6.5.30 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: 4354 ind., relative abundance 28.2%), *Cerithidea djadjariensis* (3667 ind., 23.8%) and *Cerithidea cingulata* (1392 ind., 9.0%) were the most commonly occurring species on sandy and soft mud substrata. Rock oyster *Saccostrea cucullata* (2008 ind., 13.0%) and gastropod *Monodonta labio* (1376 ind., 8.9%) were commonly occurring species inhabiting gravel and boulders substratum.

<u>Biodiversity and abundance of soft shore communities</u>

6.5.31 **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 number of species (11-15 spp. 0.25 m^{-2}) in ST was relatively higher than other sampling zones (6-12 spp. 0.25 m^{-2}). The mean *H'* (1.81) and *J* (0.73) in ST were relatively higher than that in TC1, TC2 and TC3 (*H'*: 1.15-1.35; *J*: 0.51-0.66). But the mean densities were similar and ranged 187-768 ind. m^{-2} among the sampling zones).

6.5.32 Across the tidal levels, there was no consistent difference of the mean number of species, *H'* and *J* in all sampling zones. The mean densities were similar among the three tidal levels in TC1 (510-646 ind. m^{-2}). In other sampling zones, the mean density at high and mid tidal level (450-768 ind. m^{-2}) was relatively higher than low tidal level (187-387 ind. m^{-2}).

6.5.33 **Figures 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 consistent temporal change of any biological parameters was observed. All the parameters were under slight and natural fluctuation with the seasonal variation. For the present survey (March 2015), increase of mean density was observed in TC1, TC2 and ST relative to previous survey in December 2014. It was believed the natural recovery after cold, dry season.

<u>Impact of the HKLR project</u>

6.5.34 The present survey was the tenth 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.

6.6 Reference

6.6.1 Chan, K.K., Caley, K.J., 2003. Sandy Shores, Hong Kong Field Guides 4. The Department of Ecology & Biodiversity, The University of Hong Kong. pp 117.

6.6.2 Dai, A.Y., Yang, S.L., 1991. Crabs of the China Seas. China Ocean Press. Beijing.

6.6.3 Dong, Y.M., 1991. Fauna of ZheJiang Crustacea. Zhejiang Science and Technology Publishing House. ZheJiang.

6.6.4 EPD, 1997. Technical Memorandum on Environmental Impact Assessment Proc[es]s (1st edition). Environmental Protection Department, HKSAR Government.

6.6.5 Fauchald, K., 1977. The polychaete worms. Definitions and keys to the orders, families and genera. Natural History Museum of Los Angeles County, Science Series 28. Los Angeles, U.S.A.

6.6.6 Fong, C.W., 1998. Distribution of Hong Kong seagrasses. In: *Porcupine!* No. 18. The School of Biological Sciences, The University of Hong Kong, in collaboration with Kadoorie Farm & Botanic Garden Fauna Conservation Department, p10-12.

6.6.7 Li, H.Y., 2008. The Conservation of Horseshoe Crabs in Hong Kong. MPhil Thesis, City University of Hong Kong, pp 277.

6.6.8 Longstaff, B.J., Dennison, W.C., 1999. Seagrass survival during pulsed turbidity events: the effects of light deprivation on the seagrasses *Halodule pinifolia* and *Halophila ovalis*. Aquatic Botany 65 (1-4), 105-121.

6.6.9 Longstaff, B.J., Loneragan, N.R., O'Donohue, M.J., Dennison, W.C., 1999. Effects of light deprivation on the survival and recovery of the seagrass *Halophila ovalis* (R. Br.) Hook. Journal of Experimental Marine Biology and Ecology 234 (1), 1-27.

6.6.10 Nakaoka, M., Aioi, K., 1999. Growth of seagrass *Halophila ovalis* at dugong trails compared to existing within-patch variation in a Thailand intertidal flat. Marine Ecology Progress Series 184, 97-103.

6.6.11 Pielou, E.C., 1966. Shannon's formula as a measure of species diversity: its use and misuse. American Naturalist 100, 463-465.

6.6.12 Qi, Z.Y., 2004. Seashells of China. China Ocean Press. Beijing, China.

6.6.13 Qin, H., Chiu, H., Morton, B., 1998. Nursery beaches for Horseshoe Crabs in Hong Kong. In: *Porcupine!* No. 18. The School of Biological Sciences, The University of Hong Kong, in collaboration with Kadoorie Farm & Botanic Garden Fauna Conservation Department, p 9-10.

6.6.14 Shannon, C.E., Weaver, W., 1963. The Mathematical Theory of Communication. Urbana: University of Illinois Press, USA.

6.6.15 Shin, P.K.S., Li, H.Y., Cheung, S.G., 2009. Horseshoe Crabs in Hong Kong: Current Population Status and Human Exploitation. Biology and Conservation of Horseshoe Crabs (part 2), 347-360.

6.6.16 Supanwanid, C., 1996. Recovery of the seagrass *Halophila ovalis* after grazing by dugong. In: Kuo, J., Philips, R.C., Walker, D.I., Kirkman, H. (eds), Seagrass biology: Proc Int workshop, Rottenest Island, Western Australia. Faculty of Science, The University of Western Australia, Nedlands, 315-318.

6.6.17 Vermaat, J.E., Agawin, N.S.R., Duarte, C.M., Fortes, M.D., Marba. N., Uri, J.S., 1995. Meadow maintenance, growth and productivity of a mixed Philippine seagrass bed. Marine Ecology Progress Series 124, 215-225.

6.6.18 Yang, D.J, Sun, R.P., 1988. Polychaetous annelids commonly seen from the Chinese waters (Chinese version). China Agriculture Press, China.

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 March 2015.

7.1.2 Particular observations during the site inspections and the follow up actions taken by the Contractor are described below.

4 March 2015

(a) An inadequate wheel washing facility was provided at the entrance/exit of S8A. A water hose was provided at site entrance/exit for wheel washing at that moment. This observation was found on 21 January 2015. Rectification work was being undertaken. The Contractor was reminded to provide a standard wheel washing facility at the entrance/exit of S8A as soon as possible.

(b) A drip tray was not provided for oil drum at N1. A drip tray was provided for the oil drums at N1. This observation was found on 27 February 2015 and closed on 4 March 2015.

(c) A drip tray was not provided for chemical containers at N1. A drip tray was provided for the chemical containers at N1. This observation was found on 27 February 2015 and closed on 4 March 2015.

(d) Accumulation of rubbish was observed at N1. The rubbish was removed at N1. This observation was found on 27 February 2015 and closed on 4 March 2015.

(e) Temporary storage of concrete waste was not provided at N1. The excess concrete waste was removed at N1. This observation was found on 27 February 2015 and closed on 4 March 2015.

(f) Accumulation of rubbish was observed inside the tunnel at N1. The rubbish was removed at N1. This observation was found on 27 February 2015 and closed on 4 March 2015.

(g) Plastic waste was not properly collected at S7. The plastic waste was removed at S7. This observation was found on 27 February 2015 and closed on 4 March 2015.

(h) Rubbish was scattered on the ground at S7. The rubbish was removed at S7. This observation was found on 27 February 2015 and closed on 4 March 2015.

(i) The wastewater generated form washing of shoes was discharged directly into the public gutter at N1. A pump was provided inside the gutter to collect the muddy water to a water treatment tank at N1. This observation was found on 4 March 2015 and closed on 11 March 2015.

(j) The wheel washing activity was not undertaken inside the wheel washing facility but at the entrance of N1. The Contractor reinforced the wheel washing activity for vehicles before leaving the construction site at N1. This observation was found on 4 March 2015 and closed on 11 March 2015.

(k) Sand bags placed around gullies were broken at S25. New sand bags were placed around the public gutter at S25. This observation was found on 4 March 2015 and closed on 11 March 2015..

(l) Stagnant water pool was observed at S11. The stagnant water pool was removed at S11. This observation was found on 4 March 2015 and closed on 11 March 2015.

(m) No wheel washing bay was placed at the site entrance of N20. A water hose was provided at site entrance for wheel washing at that moment. This observation was found on 4 March 2015. The Contractor was reminded to provide wheel washing facility at N20 as soon as possible.

11 March 2015

(a) An inadequate wheel washing facility was provided at the entrance/exit of S8A. A water hose was provided at site entrance/exit for wheel washing at that moment. This observation was found on 21 January 2015. Rectification work was being undertaken. The Contractor was reminded to provide a standard wheel washing facility at the entrance/exit of S8A as soon as possible.

(b) No wheel washing bay was placed at the site entrance of N20. A water hose was provided at site entrance for wheel washing at that moment. This observation was found on 4 March 2015. The Contractor was reminded to provide wheel washing facility at N20 as soon as possible.

(c) A gap was found between silt curtain sections at Portion X. The gap between the silt curtain sections was filled up at Portion X. This observation was found on 11 March 2015 and closed on 18 March 2015.

(d) An oil leakage was observed on an unpaved road at N4. The oil leakage was cleaned up at N4. This observation was found on 11 March 2015 and closed on 18 March 2015.

(e) Stagnant water was observed at S9. The stagnant water was removed at S9. This observation was found on 11 March 2015 and closed on 18 March 2015.

(f) Rubbish was found inside a preliminary sediment hole at S11. The rubbish was removed from the preliminary sediment hole at S11. This observation was found on 11 March 2015 and closed on 18 March 2015.

18 March 2015

(a) An inadequate wheel washing facility was provided at the entrance/exit of S8A. A water hose was provided at site entrance/exit for wheel washing at that moment. This observation was found on 21 January 2015. Rectification work was being undertaken. The Contractor was reminded to provide a standard wheel washing facility at the entrance/exit of S8A as soon as possible.

(b) No wheel washing bay was placed at the site entrance of N20. A water hose was provided at site entrance for wheel washing at that moment. This observation was found on 4 March 2015. The Contractor was reminded to provide wheel washing facility at N20 as soon as possible.

(c) Rubbish was observed at public gutter near Kwo Lo Wan Road. The rubbish was removed at public gutter next to Kwo Lo Wan Road. This observation was found on 18 March 2015 and closed on 27 March 2015.

(d) Concrete waste was observed on the ground at N1. The concrete waste was removed at N1. This observation was found on 18 March 2015 and closed on 27 March 2015.

(e) Excess rubbish was observed at S15. The excess rubbish was removed at S15. This observation was found on 18 March 2015 and closed on 27 March 2015.

27 March 2015

(a) An inadequate wheel washing facility was provided at the entrance/exit of S8A. A water hose was provided at site entrance/exit for wheel washing at that moment. This observation was found on 21 January 2015. Rectification work was being undertaken. The Contractor was reminded to provide a standard wheel washing facility at the entrance/exit of S8A as soon as possible.

(b) No wheel washing bay was placed at the site entrance of N20. A water hose was provided at site entrance for wheel washing at that moment. This observation was found on 4 March 2015. The Contractor was reminded to provide wheel washing facility at N20 as soon as possible.

(c) Silt curtain was not aligned properly. The Contractor was reminded to conduct rectification.

(d) Fill materials was found along the edge of Vessel Full Yue. The Contractor was reminded to clean up the fill materials along the edge of Vessel Full Yue.

(e) Chemical containers were observed without drip trays at Vessel Full Yue. The Contractor was reminded to provide drip trays fort the chemical containers at Vessel Full Yue.

(f) Excessive lubrication oil was found at a metal joint on Vessel Full Yue. The Contractor was reminded to remove excessive oil at a metal joint on Vessel Full Yue.

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 registered 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 An Action Level exceedance and a Limit Level exceedance of 1-hr TSP level at AMS5 were recorded during the reporting month. No Action and Limit Level exceedances of 24-hour TSP were recorded at AMS5 during the reporting month. No Action and Limit Level exceedances of 1-hour TSP and 24-hour TSP were recorded at AMS6 during the reporting month.

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

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

7.5.4 Record of Notification of Environmental Quality Limit Exceedances is provided in **Appendix M.**

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 April 2015 are summarized in **Table 7.1**.

Table 7.1 Construction Activities for April 2015

Site Area	Description of Activities
Portion X	Dismantling/Trimming of Temporary 40mm Stone Platform for Construction of Seawall
Portion X	Filling Works behind Stone Platform
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	Sheet Piling
Portion X	Excavation and Lateral Support Works at Scenic Hill Tunnel (Cut & Cover Tunnel)
Portion X	Socket H-Piling work at Scenic Hill Tunnel (Cut & Cover Tunnel
Portion X	Excavation works for minded HKBCF to Airport tunnel
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 Airport Express Line 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
Airport Express Line	Canopy Pipe Drilling underneath Airport Express Line
Kwo Lo Wan Road	Excavation and Lateral Support Works at shaft 3 extension north shaft & south shaft
Airport Road	Excavation and Lateral Support Works for HKBCF to Airport Tunnel West (Cut & Cover Tunnel)
Airport Road	Pipe Piling Cofferdam Works for HKBCF to Airport Tunnel West (Cut & Cover Tunnel)
Portion Y	Utility Culvert Excavation
Portion Y	Highway Operation and Maintenance Area Building Foundation Works
West Portal	Excavation for Scenic Hill Tunnel
West Portal	Ventilation Building Foundation Works

8.2 Environmental Monitoring Scheme for the Coming Month

8.2.1 The tentative schedule for environmental monitoring in April 2015 is provided in **Appendix D**.

9 Conclusions

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 An Action Level exceedance and a Limit Level exceedance of 1-hr TSP level at AMS5 were recorded during the reporting month.

9.1.3 No Action and Limit Level exceedances of 24-hour TSP were recorded at AMS5 during the reporting month. No Action and Limit Level exceedances of 1-hour TSP and 24-hr TSP level were recorded at AMS6 during the reporting month.

Noise

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

Water Quality

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

Dolphin

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

9.1.7 Due to monthly variation in dolphin occurrence within the study area, it would be more appropriate to draw conclusion on whether any impacts on dolphins have been detected related to the construction activities of this project in the quarterly EM&A report, where comparison on distribution, group size and encounter rates of dolphins between the quarterly impact monitoring period (March 2015 – May 2015) and baseline monitoring period (3-month period) will be made.

Mudflat

9.1.8 This measurement result was generally and relatively higher than the baseline measurement at S1, S2, S3 and S4. The mudflat level is continuously increased.

The March 2015 survey results indicate that the impacts of the HKLR project could not be detected on horseshoe crabs and intertidal soft shore community. Based on the results, there was recolonization of both seagrass species *Halophila ovalis* and *Zostera japonica* in ST. The seagrass patches were predicted to increase in the coming warm season. Hence the negative impact of HKLR project on the seagrass was not significant.

Environmental Site Inspection and Audit

9.1.9 Environmental site inspection was carried out on 4, 11, 18 and 27 March 2015. 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 in relation to the environmental impact during the reporting period.

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

FIGURES

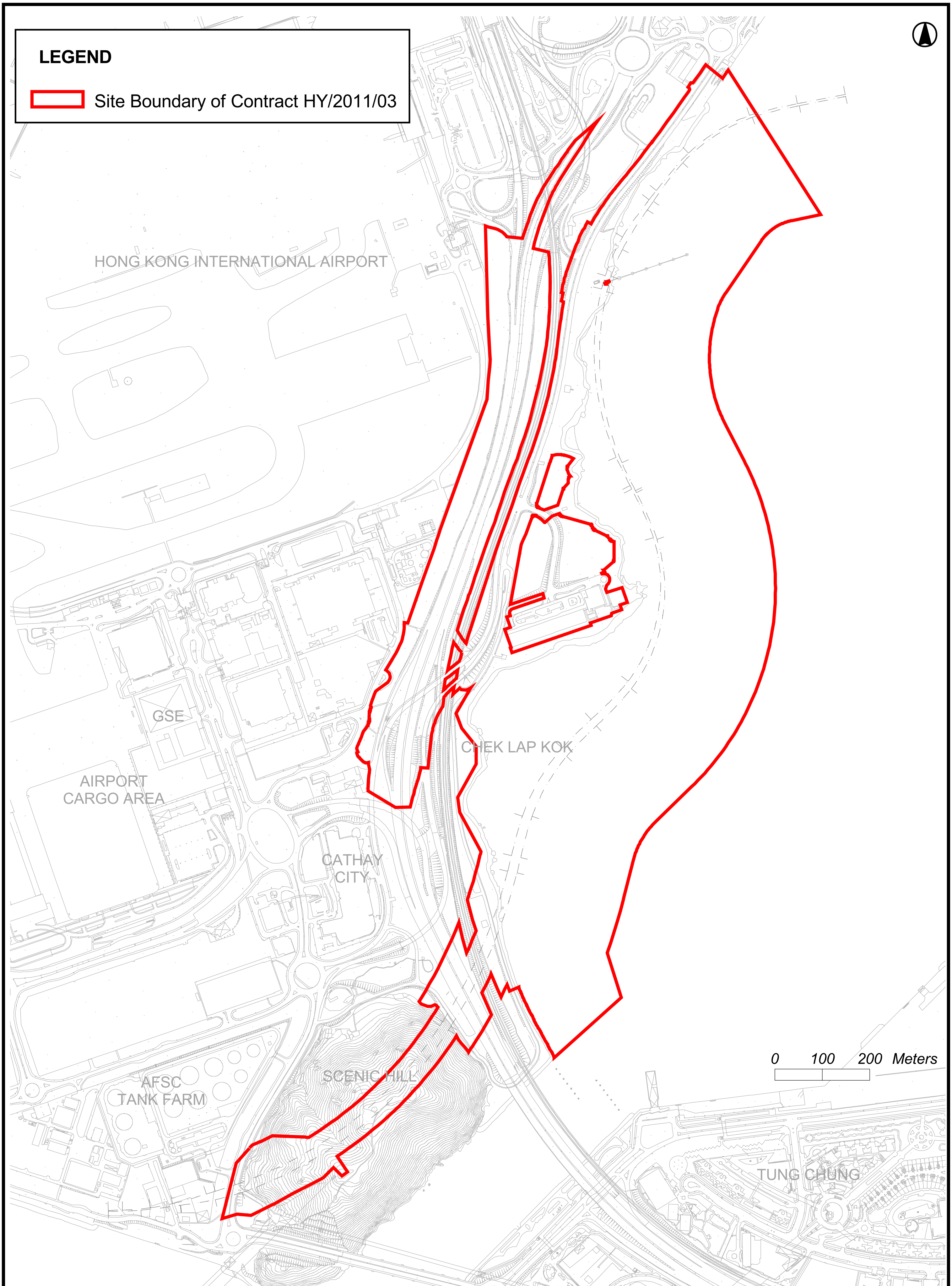
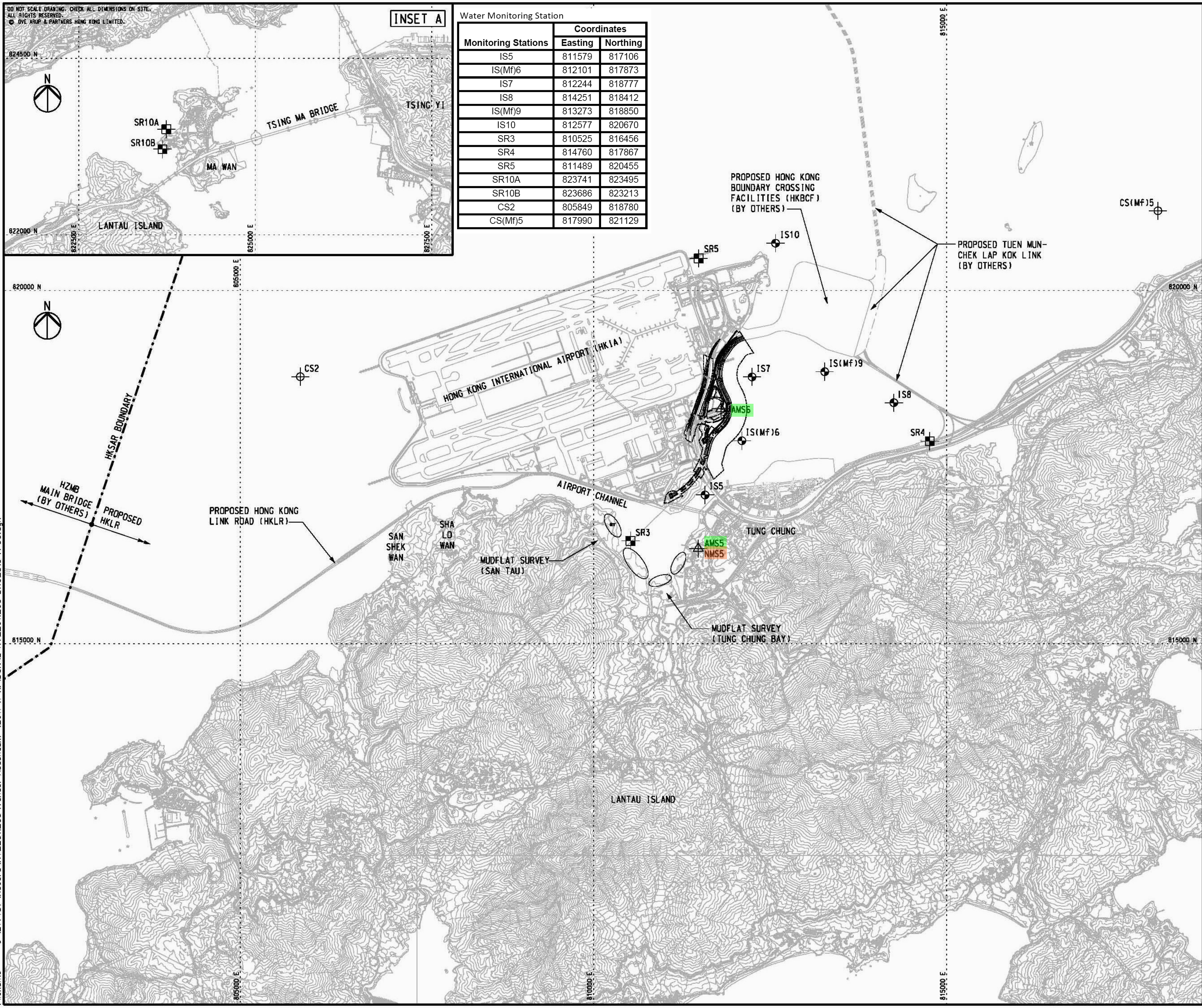


Figure 1.1 Location of the Site



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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

NOTES

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

LEGEND

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

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

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

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

Drawing title
ENVIRONMENTAL MONITORING STATIONS

Drawing: Figure 2.1 | Rev. A

Drawn	Date	Checked	Approved
RY	11/11	AW	SK
Scale: As shown		Status	

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

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

	EASTING	NORTHING
S1	810291.160	816678.727
S2	810958.272	815831.531
S3	810716.585	815953.308
S4	811221.433	816151.381
SR3	810508	816473

LEGEND:

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

Rev	Description	By	Date

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

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

Contractor's Designer
ATKINS 阿特金斯

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

Drawing title
MUDFLAT SURVEY AREAS

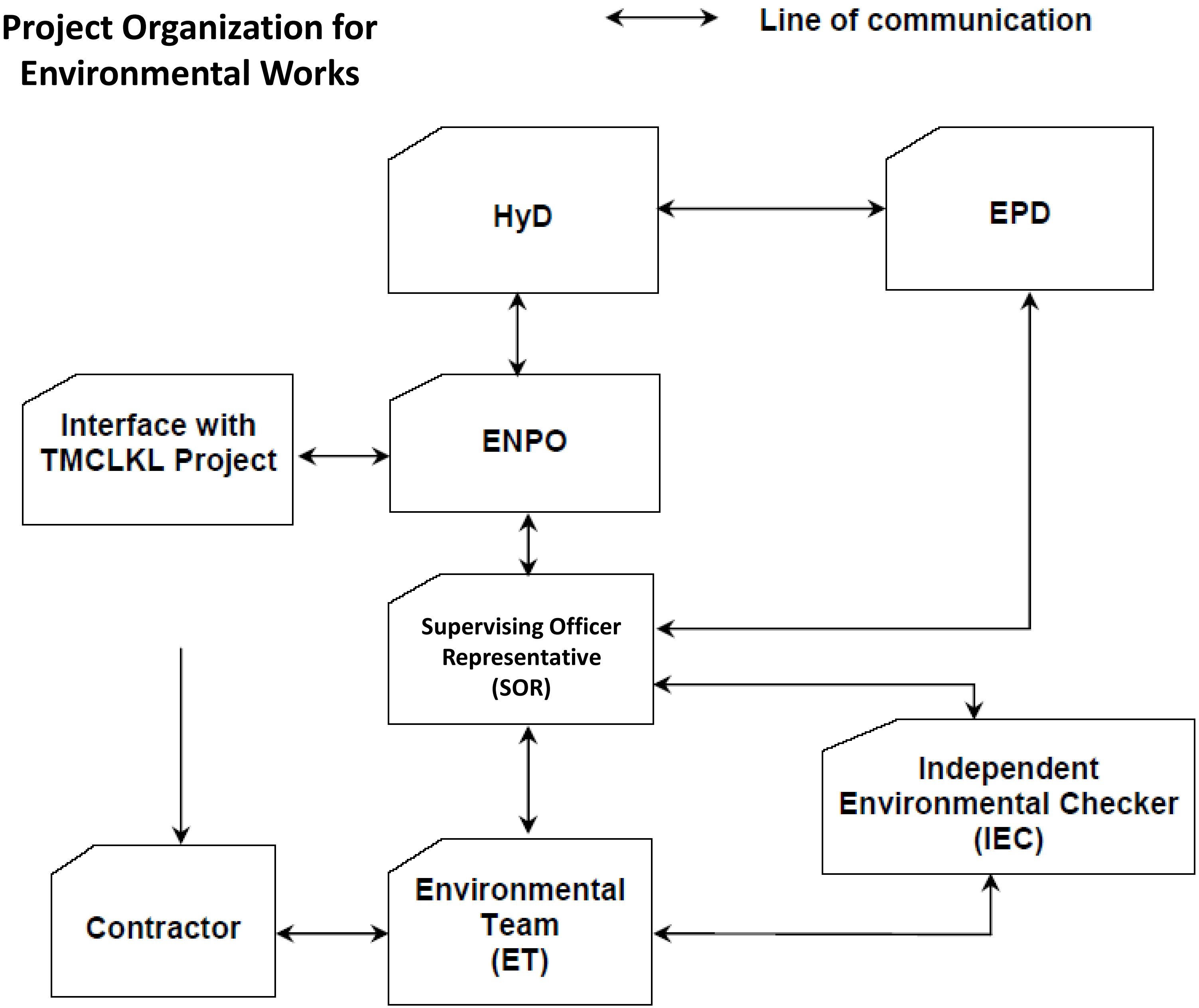
Drawing no.	FIGURE 6.1	Rev.	-
Drawn ACL	Date 26 SEP 2012	Checked -	Approved -
Scale @ A1	1 : 7500	Status	-

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

APPENDIX A

Environmental Management Structure

Project Organization for Environmental Works



APPENDIX B

Construction Programme

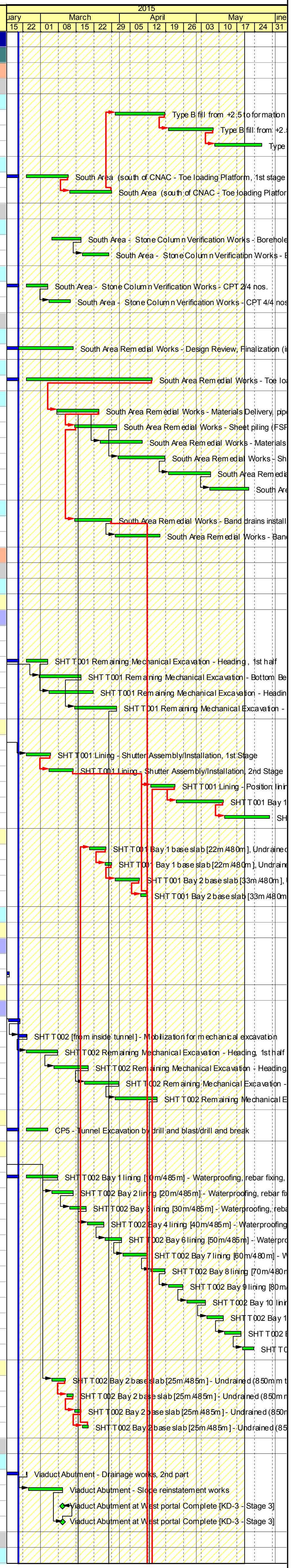
3-Months Rolling Programme (ER Part 5 & SCC 27(9))

(March 2015 to May 2015)

Layout HZMB - Layout 1 (3M Rolling Prog)(3M34)

TASK filters: 3m34, HZMB No Level Effort.

Activity ID	Activity Name	Dur. (days)	Remaining Duration	Start	Finish	Activity % Complete	Planned Completion	DWP/RevA/10 Completion	Remarks(based on DWP/Rev.0/5)
3 MONTHS PROGRAMME HY/2011/03 (March 2015 to May 2015)(Rev0)									
WORKS IN SOUTH AREA - CH 13+516 to CH 15+050 (SCENIC HILL TUNNEL, MT & CCT)									
Reclamation Works									
Outstanding Reclamation Works - SWCH 0+600 to SWCH 0+960(South of CNAC Tower)									
General Fill to Formation +5.5mPD									
RSC1077-6	Type B fill from +2.5 to formation [20,755 of 29,466m3]	15d	15d	30-Mar-15	18-Apr-15	0%			Behind Programme
RSC1077-16	Type B fill from +2.5 to formation [25,110 of 29,466m3]	15d	15d	20-Apr-15	07-May-15	0%			Behind Programme
RSC1077-26	Type B fill from +2.5 to formation [29,466 of 29,466m3]	15d	15d	08-May-15	26-May-15	0%			Behind Programme
Toe Loading Platform (for Seawall & Reclamation)									
SWTL-100	South Area (south of CNAC - Toe loading Platform, 1st stage Ch. 0+780 to Ch. 0+960	15d	15d	29-Dec-14 A	11-Mar-15	90%			
SWTL-110	South Area (south of CNAC - Toe loading Platform, 2nd stage Ch. 0+780 to Ch. 0+960	15d	15d	12-Mar-15	28-Mar-15	0%			
Boreholes & CPT - Stone Column Verification - SWCH 0+100 to SWCH 0+960									
Boreholes									
RSC2000-02	South Area - Stone Column Verification Works - Boreholes 6/10 nos.	10d	10d	05-Mar-15	16-Mar-15	0%			
RSC2000-03	South Area - Stone Column Verification Works - Boreholes 10/10 nos.	10d	10d	17-Mar-15	27-Mar-15	0%			
CPT									
RSC2000-04	South Area - Stone Column Verification Works - CPT 2/4 nos.	8d	8d	17-Jan-15 A	03-Mar-15	50%			
RSC2000-05	South Area - Stone Column Verification Works - CPT 4/4 nos.	8d	8d	04-Mar-15	12-Mar-15	0%			
Area 1: Outstanding Remedial Works to Seawall - SWCH 0+450 to SWCH 0+780 (300m)									
Design Review									
A1060	South Area Remedial Works - Design Review, Finalization (including approval)	12d	22d	08-Jan-15 A	13-Mar-15	90%	13-Mar-15	13-Mar-15	
Toe Loading Platform (for Seawall & Reclamation)									
SWTL-200	South Area Remedial Works - Toe loading Platform, 2nd Stage (Ch. 0+450 to Ch. 0+780)	14d	40d	18-Jan-15 A	13-Apr-15	0%			
Pipe Piles/Sheet Piles									
A1150	South Area Remedial Works - Materials Delivery, pipe piles (batch 1)	14d	14d	07-Mar-15	23-Mar-15	0%			
A1250	South Area Remedial Works - Sheet piling (FSPIII) + pipe piles (part 1)	14d	14d	14-Mar-15	30-Mar-15	0%			
A1240	South Area Remedial Works - Materials Delivery, pipe piles (batch 2)	12d	12d	24-Mar-15	09-Apr-15	0%			
A1280	South Area Remedial Works - Sheet piling (FSPIII) + pipe piles (part 2)	14d	14d	31-Mar-15	18-Apr-15	0%			
A1290	South Area Remedial Works - Sheet piling (FSPIII) + pipe piles (part 3)	14d	14d	20-Apr-15	06-May-15	0%			
A1300	South Area Remedial Works - Sheet piling (FSPIII) + pipe piles (part 4)	14d	14d	06-May-15	21-May-15	0%	21-May-15	21-May-15	
Band Drains									
A1080	South Area Remedial Works - Band drains installation, 2nd half	13d	13d	14-Mar-15	28-Mar-15	0%			
A1090	South Area Remedial Works - Band drains installation, 1st half	13d	13d	30-Mar-15	16-Apr-15	0%			
SHT Mined Tunnel Works at Scenic Hill									
Mined Tunnel through Scenic Hill [480m Approx.]									
To Zhuhai-Macao [4-Lane] Carriageway - T001									
T001 Remaining Mechanical Excavation - Drill & Break									
T001 Drill & Break [23m]									
SHT3331	SHT T001 [from inside tunnel) - Site Set up	14d	0d	09-Feb-15 A	11-Feb-15 A	100%			Behind Programme
SHT3332	SHT T001 [from inside tunnel] - Mobilization for mechanical excavation	14d	0d	11-Feb-15 A	12-Feb-15 A	100%			Behind Programme
SHT3333	SHT T001 Remaining Mechanical Excavation - Heading, 1st half	16d	8d	12-Feb-15 A	03-Mar-15	25%			Behind Programme
SHT3335	SHT T001 Remaining Mechanical Excavation - Bottom Bench, 1st half	14d	14d	28-Feb-15	16-Mar-15	0%			
SHT3334	SHT T001 Remaining Mechanical Excavation - Heading - 2nd half	16d	16d	04-Mar-15	21-Mar-15	0%			
SHT3336	SHT T001 Remaining Mechanical Excavation - Bottom Bench, 2nd half	14d	14d	14-Mar-15	30-Mar-15	0%	30-Mar-15	30-Mar-15	
Lining Shutter									
SHT4470	SHT T001 Lining - Site Delivery,	7d	0d	05-Feb-15 A	14-Feb-15 A	100%			Behind Programme
SHT4480	SHT T001 Lining - Shutter Assembly/Installation, 1st Stage	9d	9d	23-Feb-15	04-Mar-15	0%			
SHT4490	SHT T001 Lining - Shutter Assembly/Installation, 2nd Stage	9d	9d	04-Mar-15	13-Mar-15	0%	13-Mar-15	13-Mar-15	
SHT4491	SHT T001 Lining - Position lining shutter	9d	9d	13-Apr-15	22-Apr-15	0%			
SHT4500	SHT T001 Bay 1 lining [30m/480m] - Waterproofing, rebar fixing, formworks, concreting	15d	15d	23-Apr-15	11-May-15	0%			
SHT4510	SHT T001 Bay 2 lining [60m/480m] - Waterproofing, rebar fixing, formworks, concreting	15d	15d	12-May-15	29-May-15	0%			
Base Slab									
SHT4000-1	SHT T001 Bay 1 base slab [22m/480m], Undrained (850mm thk slab) - Waterproofing, rebar fixing, formw	6d	6d	20-Mar-15	26-Mar-15	0%			Ahead Programme
SHT4000-2	SHT T001 Bay 1 base slab [22m/480m], Undrained (850mm thk slab)- Kicker (including concreting)	3d	3d	26-Mar-15	28-Mar-15	0%			Ahead Programme
SHT4000-3	SHT T001 Bay 2 base slab [33m/480m], Undrained (850mm thk slab)- Waterproofing, rebar fixing, formwc	6d	6d	30-Mar-15	08-Apr-15	0%			Ahead Programme
SHT4000-4	SHT T001 Bay 2 base slab [33m/480m], Undrained (850mm thk slab)- Kicker (including concreting)	3d	3d	09-Apr-15	11-Apr-15	0%	11-Apr-15	11-Apr-15	Ahead Programme
To HKBCF [3-Lane] Carriageway - T002									
T002 From West-end - 250m Approx.									
T002 Tunnel Excavation (Drill and Blast) - Full Face									
SHT9759-245	SHT MT T002 - Pipe Roofing for Shaft 1(drilling from inside the tunnel), 36/48 nos.	15d	0d	07-Feb-15 A	11-Feb-15 A	100%			Behind Programme
SHT9759-246	SHT MT T002 - Pipe Roofing for Shaft 1(drilling from inside the tunnel), 48/48 nos.	15d	0d	11-Feb-15 A	16-Feb-15 A	100%			Behind Programme
T002 Remaining Mechanical Excavation - Drill & Break									
T002 Drill & Break [24m]									
SHT6120	SHT T002 [from inside tunnel] - Site Set-up	2d	0d	16-Feb-15 A	20-Feb-15 A	100%			Behind Programme
SHT6121	SHT T002 [from inside tunnel] - Mobilization for mechanical excavation	3d	1d	20-Feb-15 A	23-Feb-15	80%			Behind Programme
SHT6122	SHT T002 Remaining Mechanical Excavation - Heading, 1st half	12d	12d	23-Feb-15	07-Mar-15	0%			
SHT6123	SHT T002 Remaining Mechanical Excavation - Heading, 2nd half	12d	12d	06-Mar-15	19-Mar-15	0%			
SHT6124	SHT T002 Remaining Mechanical Excavation - Bottom Benching, 1st half	12d	12d	18-Mar-15	31-Mar-15	0%			
SHT6125	SHT T002 Remaining Mechanical Excavation - Bottom Benching, 2nd half	12d	12d	30-Mar-15	15-Apr-15	0%	15-Apr-15	15-Apr-15	
Tunnel Excavation for Cross Passages to T001/T002 (5nos)									
SHT3325	CP5 - Tunnel Excavation by drill and blast/drill and break	15d	8d	24-Jan-15 A	03-Mar-15	50%			Behind Programme
Lining Shutter									
SHT7221	SHT T002 Lining - Position lining shutter inside(including ramp const/platform filling works and railings con	15d	0d	31-Jan-15 A	10-Feb-15 A	100%			Behind Programme
SHT7000	SHT T002 Bay 1 lining [10m/485m] - Waterproofing, rebar fixing, formworks, concreting	9d	12d	11-Feb-15 A	07-Mar-15	5%			Behind Programme
SHT7001	SHT T002 Bay 2 lining [20m/485m] - Waterproofing, rebar fixing, formworks, concreting	8d	8d	05-Mar-15	13-Mar-15	0%			Behind Programme
SHT7002	SHT T002 Bay 3 lining [30m/485m] - Waterproofing, rebar fixing, formworks, concreting	6d	6d	12-Mar-15	18-Mar-15	0%	18-Mar-15	18-Mar-15	Behind Programme
SHT7010	SHT T002 Bay 4 lining [40m/485m] - Waterproofing, rebar fixing, formworks, concreting	6d	6d	19-Mar-15	25-Mar-15	0%			Behind Programme
SHT7011	SHT T002 Bay 6 lining [50m/485m] - Waterproofing, rebar fixing, formworks, concreting	6d	6d	26-Mar-15	01-Apr-15	0%			Behind Programme
SHT7012	SHT T002 Bay 7 lining [60m/480m] - Waterproofing, rebar fixing, formworks, concreting	6d	6d	02-Apr-15	11-Apr-15	0%			Behind Programme
SHT7020	SHT T002 Bay 8 lining [70m/480m] - Waterproofing, rebar fixing, formworks, concreting	6d	6d	13-Apr-15	18-Apr-15	0%			Behind Programme
SHT7030	SHT T002 Bay 9 lining [80m/480m] - Waterproofing, rebar fixing, formworks, concreting	6d	6d	20-Apr-15	25-Apr-15	0%			Behind Programme
SHT7040	SHT T002 Bay 10 lining [90m/480m] - Waterproofing, rebar fixing, formworks, concreting	6d	6d	27-Apr-15	04-May-15	0%			Behind Programme
SHT7050	SHT T002 Bay 11 lining [100m/480m] - Waterproofing, rebar fixing, formworks, concreting	6d	6d	05-May-15	11-May-15	0%			Behind Programme
SHT7060	SHT T002 Bay 12 lining [110m/480m] - Waterproofing, rebar fixing, formworks, concreting	6d	6d	12-May-15	18-May-15	0%			
SHT7070	SHT T002 Bay 13 lining [120m/480m] - Waterproofing, rebar fixing, formworks, concreting	6d	6d	19-May-15	23-May-15	0%			
Base Slab									
SHT6500-5	SHT T002 Bay 2 base slab [25m/485m] - Undrained (850mm thk slab) - Excavation + binding layer	5d	5d	05-Mar-15	10-Mar-15	0%			Ahead Programme
SHT6500-6	SHT T002 Bay 2 base slab [25m/485m] - Undrained (850mm thk slab) - Rebar Fixing	3d	3d	11-Mar-15	13-Mar-15	0%			Ahead Programme
SHT6500-7	SHT T002 Bay 2 base slab [25m/485m] - Undrained (850mm thk slab) - formworks	2d	2d	14-Mar-15	16-Mar-15	0%			Ahead Programme
SHT6500-8	SHT T002 Bay 2 base slab [25m/485m] - Undrained (850mm thk slab) - Concreting works (including kicke	3d	3d	17-Mar-15	19-Mar-15	0%			Ahead Programme
Viaduct Abutment at West Portal of SHT									
Construction									
ABT1080-2	Viaduct Abutment - Drainage works, 2nd part	10d	1d	28-Jan-15 A	23-Feb-15	90%			On programme
ABT1080-12	Viaduct Abutment - Slope reinstatement works	12d	12d	24-Feb-15	09-Mar-15	0%			On programme
ABT.140	Viaduct Abutment at West portal Complete [KD-3 - Stage 3]	0d	0d		09-Mar-15	0%			On programme
ABT1090	Viaduct Abutment at West portal Complete [KD-3 - Stage 3]	0d	0d		09-Mar-15	0%	9-Mar-15	14-Mar-15	On programme
Ventilation Building									
RC Works & ABWF									



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

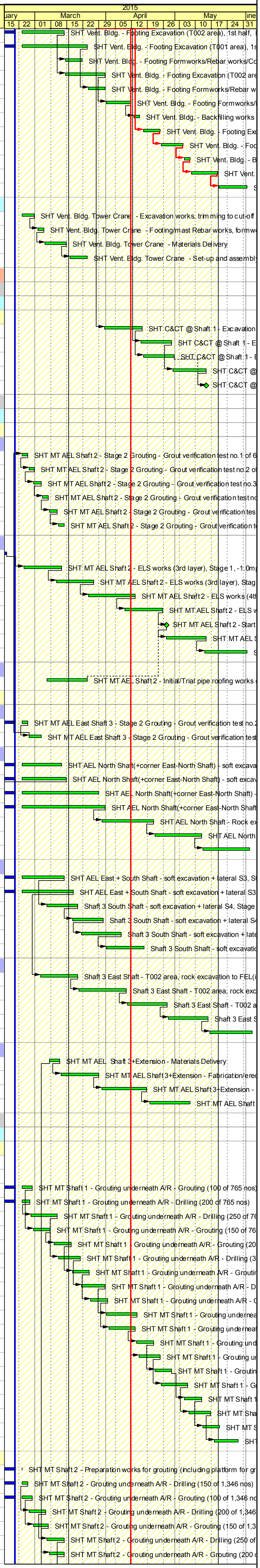
Prepared by MM			
Date	Revision	Chec...	Approved
06-Mar-15		WC	SYT

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

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

(March 2015 to May 2015)

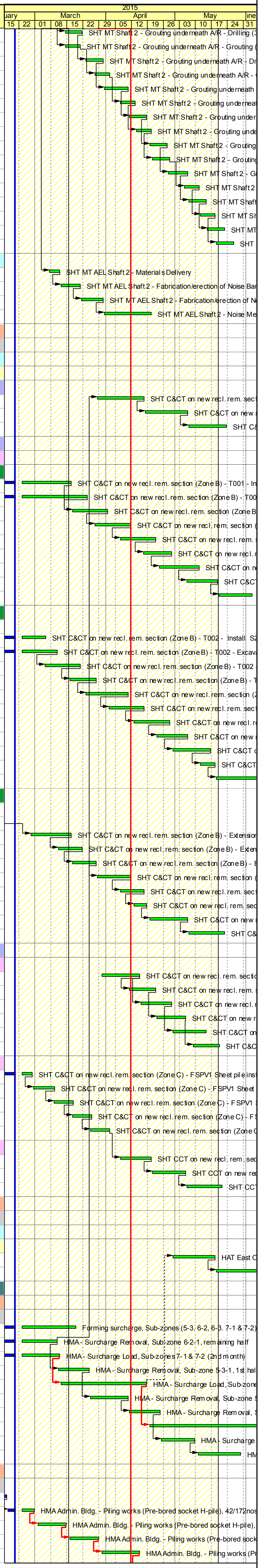
Activity ID	Activity Name	Dur. (days)	Remaining Duration	Start	Finish	Activity % Complete	Planned Completion	DWP/RevA/10 Completion	Remarks(based on DWP/Rev.0/5)
SHT8020	SHT Vent. Bldg. - Footing Excavation (T002 area), 1st half, between Grids E-G/1-4	18d	17d	14-Jan-15 A	13-Mar-15	60%			Ahead Programme
SHT8230	SHT Vent. Bldg. - Footing Excavation (T001 area), 1st half, between Grids A-D/1-4	15d	25d	05-Feb-15 A	23-Mar-15	10%	23-Mar-15	11-Apr-15	Ahead Programme
SHT8090	SHT Vent. Bldg. - Footing Formworks/Rebar works/Concrete (T002 area), 1st half	7d	7d	14-Mar-15	21-Mar-15	0%			
SHT8021	SHT Vent. Bldg. - Footing Excavation (T002 area), 2nd half, between Grids E-G/4-6	15d	15d	14-Mar-15	31-Mar-15	0%			
SHT8093	SHT Vent. Bldg. - Footing Formworks/Rebar works/Concrete (T001 area). 1st half	7d	7d	24-Mar-15	31-Mar-15	0%			
SHT8091	SHT Vent. Bldg. - Footing Formworks/Rebar works/Concrete (T002 area), 2nd half	7d	7d	01-Apr-15	11-Apr-15	0%			
SHT8210	SHT Vent. Bldg. - Backfilling works (T002 area)	3d	3d	13-Apr-15	15-Apr-15	0%			
SHT8240	SHT Vent. Bldg. - Footing Excavation (T001 area), 2nd half, between Grids A-D/4-6	7d	7d	17-Apr-15	24-Apr-15	0%			
SHT8053	SHT Vent. Bldg. - Footing Formworks/Rebar works/Concrete (T001 area). 2nd half	7d	7d	25-Apr-15	04-May-15	0%			
SHT8083	SHT Vent. Bldg. - Backfilling works (T001 area)	3d	3d	05-May-15	07-May-15	0%			
SHT8030	SHT Vent. Bldg. - Ground floor slab preparation/levelling/concrete (+13.750)	10d	10d	08-May-15	19-May-15	0%			
SHT8063	SHT Vent. Bldg. - RC works - GF wall /columns to UG slab, 1st half	10d	10d	20-May-15	01-Jun-15	0%			
Tower Crane Construction									
SHT8801	SHT Vent. Bldg. Tower Crane - Excavation works, trimming to cut-off level, blinding layer	6d	6d	23-Feb-15*	28-Feb-15	0%			
SHT8802	SHT Vent. Bldg. Tower Crane - Footing/mast Rebar works, formworks, concreting	3d	3d	02-Mar-15	04-Mar-15	0%			
SHT8803	SHT Vent. Bldg. Tower Crane - Materials Delivery	9d	9d	05-Mar-15	14-Mar-15	0%			
SHT8804	SHT Vent. Bldg. Tower Crane - Set-up and assembly works	7d	7d	16-Mar-15	23-Mar-15	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									
SHT1089-19	SHT C&CT @ Shaft 1 - Excavation to FEL, -14.3 mPD (T001 area, 1st half), after breaktrough	12d	12d	31-Mar-15	16-Apr-15	0%			
SHT1089-20	SHT C&CT @ Shaft 1 - Excavation to FEL, -16.2 mPD (T002 area, 1st half), after breaktrough	12d	12d	16-Apr-15	29-Apr-15	0%			
SHT1089-29	SHT C&CT @ Shaft 1 - Excavation to FEL, -14.3 mPD (T001 area, 2nd half), after breaktrough	12d	12d	17-Apr-15	30-Apr-15	0%			
SHT1089-30	SHT C&CT @ Shaft 1 - Excavation to FEL, -16.2 mPD (T002 area, 2nd half), after breaktrough	12d	12d	30-Apr-15	14-May-15	0%			
SHT1089-39	SHT C&CT @ Shaft 1 - Handover area to SHT Mined tunnel Excavation under Airport Rd.	0d	0d		14-May-15	0%	14-May-14	14-May-14	
Mined Tunnel Underneath AEL Ch 14+128 to Ch 14+175									
Civil & Structurals Works									
SHT MT - ELS Works for AEL West Shaft (Shaft 2)									
Grout Verification Test -Stage 2 Grouting									
SHT1836-18	SHT MT AEL Shaft 2 - Stage 2 Grouting - Grout verification test no.1 of 6 nos.	3d	3d	23-Feb-15	25-Feb-15	0%			
SHT1836-19	SHT MT AEL Shaft 2 - Stage 2 Grouting - Grout verification test no.2 of 6 nos.	3d	3d	26-Feb-15	28-Feb-15	0%			
SHT1836-20	SHT MT AEL Shaft 2 - Stage 2 Grouting - Grout verification test no.3 of 6 nos.	3d	3d	28-Feb-15	03-Mar-15	0%			
SHT1836-21	SHT MT AEL Shaft 2 - Stage 2 Grouting - Grout verification test no.4 of 6 nos.	3d	3d	04-Mar-15	06-Mar-15	0%			
SHT1836-22	SHT MT AEL Shaft 2 - Stage 2 Grouting - Grout verification test no.5 of 6 nos.	3d	3d	07-Mar-15	10-Mar-15	0%			
SHT1836-23	SHT MT AEL Shaft 2 - Stage 2 Grouting - Grout verification test no.6 of 6 nos.	3d	3d	11-Mar-15	13-Mar-15	0%			
ELS/Pipe Roofing for Box Jacking works under AEL									
SHT1823-12	SHT MT AEL Shaft 2 - ELS works (2nd layer), Stage 2, +4.0mpd	15d	0d	12-Jan-15 A	16-Feb-15 A	100%			Behind Programme
SHT1844-3	SHT MT AEL Shaft 2 - ELS works (3rd layer), Stage 1, -1.0mpd	15d	15d	24-Feb-15	12-Mar-15	0%			Behind Programme
SHT1823-13	SHT MT AEL Shaft 2 - ELS works (3rd layer), Stage 2, -1.0mPD	15d	15d	10-Mar-15	26-Mar-15	0%			Behind Programme
SHT1844-4	SHT MT AEL Shaft 2 - ELS works (4th layer), Stage 1, -5.5mPD	15d	15d	24-Mar-15	13-Apr-15	0%			Behind Programme
SHT1823-14	SHT MT AEL Shaft 2 - ELS works (4th layer), Stage 2, -5.5mPD	15d	15d	09-Apr-15	25-Apr-15	0%			Behind Programme
SHT1823-24	SHT MT AEL Shaft 2 - Start T002 canopy pipe roofing for Box jacking(after -5.75mPD)	0d	0d	27-Apr-15		0%			
SHT1823-34	SHT MT AEL Shaft 2 - T002 canopy pipe roofing installation for Box jacking , 5/20 nos	15d	15d	27-Apr-15	14-May-15	0%			
SHT1823-44	SHT MT AEL Shaft 2 - T002 canopy pipe roofing installation for Box jacking , 10/20 nos	15d	15d	14-May-15	01-Jun-15	0%			
East Shaft - Trial Pipe Roofing Works									
SHT1770-23	SHT MT AEL Shaft 2 - Initial/Trial pipe roofing works (from Shaft 2)	15d	15d	06-Mar-15*	23-Mar-15	0%			
SHT MT - ELS WORKS for AEL East Shaft (Shaft 3+Shaft 3A[North Shaft & South Shaft])									
Grout Verification Test - Stage 2 Grouting									
SHT1846-20	SHT MT AEL East Shaft 3 - Stage 2 Grouting - Grout verification test no.2 of 3 nos	12d	3d	17-Jan-15 A	25-Feb-15	85%			
SHT1846-21	SHT MT AEL East Shaft 3 - Stage 2 Grouting - Grout verification test no.3 of 3 nos	5d	5d	26-Feb-15	03-Mar-15	0%			
North Shaft (including part of East Shaft)									
A11470-2	SHT AEL North Shaft(+corner East-North Shaft) - soft excavation + lateral S2,(+trim existing pipe pile wall),	17d	16d	06-Dec-14 A	12-Mar-15	90%			Behind Programme
A11470-1	SHT AEL North Shaft(+corner East-North Shaft) - soft excavation + lateral S2,(+trim existing pipe pile wall),	18d	18d	16-Dec-14 A	14-Mar-15	60%			Behind Programme
A11480-1	SHT AEL North Shaft(+corner East-North Shaft) - soft excavation + lateral S3,(+trim existing pipe pile wall),	18d	30d	05-Feb-15 A	28-Mar-15	50%			Behind Programme
A11480-2	SHT AEL North Shaft(+corner East-North Shaft) - soft excavation + lateral S3,(+trim existing pipe pile wall),	18d	32d	07-Feb-15 A	31-Mar-15	50%			Behind Programme
A11490-1	SHT AEL North Shaft - Rock excavation to -8mPD, Stage 1	17d	17d	30-Mar-15	21-Apr-15	0%			Behind Programme
A11490-2	SHT AEL North Shaft - Rock excavation to -8mPD, Stage 2	17d	17d	22-Apr-15	12-May-15	0%			Behind Programme
A11490-12	SHT AEL North Shaft - Rock excavation to -8mPD, Stage 3	17d	17d	13-May-15	02-Jun-15	0%			Behind Programme
South Shaft (including part of East Shaft)									
A12060-1	SHT AEL East + South Shaft - soft excavation + lateral S3, Stage 1	17d	17d	20-Dec-14 A	13-Mar-15	60%			Behind Programme
A12060-2	SHT AEL East + South Shaft - soft excavation + lateral S3, Stage 2	17d	20d	24-Dec-14 A	17-Mar-15	50%			Behind Programme
A12070-1	Shaft 3 South Shaft - soft excavation + lateral S4, Stage 1; East Shaft-Tie Back/Soil Row A&B	12d	12d	06-Mar-15	19-Mar-15	0%			Behind Programme
A12070-2	Shaft 3 South Shaft - soft excavation + lateral S4, Stage 2; East Shaft-Tie Back/Soil Row A&B	12d	12d	17-Mar-15	30-Mar-15	0%			Behind Programme
A12070-3	Shaft 3 South Shaft - soft excavation + lateral S5, Stage 1; East Shaft-Tie Back/Soil Row C&D	12d	12d	21-Mar-15	07-Apr-15	0%			Behind Programme
A12070-4	Shaft 3 South Shaft - soft excavation + lateral S5, Stage 2; East Shaft-Tie Back/Soil Row C&D	12d	12d	01-Apr-15	17-Apr-15	0%	17-Apr-15	11-Apr-15	Behind Programme
East Shaft - ELS for Box jacking Works under AEL(24H working hours)									
SHT1765-1	Shaft 3 East Shaft - T002 area, rock excavation to FEL(incl. struts installation), -5.75 mPD	15d	15d	03-Mar-15	19-Mar-15	0%			
SHT1765-2	Shaft 3 East Shaft - T002 area, rock excavation to FEL(incl. struts installation), -8.0 mPD	15d	15d	20-Mar-15	09-Apr-15	0%			
SHT1765-3	Shaft 3 East Shaft - T002 area, rock excavation to FEL(incl. struts installation), -10.0 mPD	15d	15d	10-Apr-15	27-Apr-15	0%			
SHT1765-4	Shaft 3 East Shaft - T002 area, rock excavation to FEL(incl. struts installation), -12.0 mPD	15d	15d	28-Apr-15	15-May-15	0%			
SHT1765-5	Shaft 3 East Shaft - T002 area, rock excavation to FEL(incl. struts installation), -14.0 mPD	15d	15d	16-May-15	03-Jun-15	0%			
Noise Barrier Fabrication (Shaft 3 + Extension)									
SHT1769	SHT MT AEL Shaft 3+Extension - Materials Delivery	4d	4d	07-Mar-15*	11-Mar-15	0%			
SHT1779	SHT MT AEL Shaft 3+Extension - Fabrication/erection of Noise Barriers/Enclosure, 1st half	15d	15d	12-Mar-15	28-Mar-15	0%			
SHT1789	SHT MT AEL Shaft 3+Extension - Fabrication/erection of Noise Barriers/Enclosure, 2nd half	15d	15d	30-Mar-15	18-Apr-15	0%			
SHT1799	SHT MT AEL Shaft 3+Extension - Noise Measurement & CNP Application and Approval	15d	15d	20-Apr-15	07-May-15	0%			
Mined Tunnel Under Airport Road between SHAFT 1 & SHAFT 2									
Grouting Underneath Airport Road (between Shaft 1 & 2)									
Shaft 1(SHT MT East Access Shaft)									
SHT2120-1	SHT MT Shaft 1 - Grouting underneath A/R - Grouting (50 of 765 nos)	7d	0d	21-Jan-15 A	10-Feb-15 A	100%			
SHT2100-6	SHT MT Shaft 1 - Grouting underneath A/R - Drilling (150 of 765 nos)	10d	0d	09-Feb-15 A	14-Feb-15 A	100%			
SHT2120-2	SHT MT Shaft 1 - Grouting underneath A/R - Grouting (100 of 765 nos)	7d	5d	10-Feb-15 A	27-Feb-15	8%			
SHT2100-7	SHT MT Shaft 1 - Grouting underneath A/R - Drilling (200 of 765 nos)	10d	4d	14-Feb-15 A	26-Feb-15	6%			
SHT2100-8	SHT MT Shaft 1 - Grouting underneath A/R - Drilling (250 of 765 nos)	10d	10d	27-Feb-15	10-Mar-15	0%			
SHT2120-3	SHT MT Shaft 1 - Grouting underneath A/R - Grouting (150 of 765 nos)	7d	7d	28-Feb-15	07-Mar-15	0%			
SHT2120-4	SHT MT Shaft 1 - Grouting underneath A/R - Grouting (200 of 765 nos)	7d	7d	09-Mar-15	16-Mar-15	0%			
SHT2100-9	SHT MT Shaft 1 - Grouting underneath A/R - Drilling (300 of 765 nos)	9d	9d	11-Mar-15	20-Mar-15	0%			
SHT2120-5	SHT MT Shaft 1 - Grouting underneath A/R - Grouting (250 of 765 nos)	7d	7d	17-Mar-15	24-Mar-15	0%			
SHT2100-10	SHT MT Shaft 1 - Grouting underneath A/R - Drilling (350 of 765 nos)	9d	9d	21-Mar-15	31-Mar-15	0%			
SHT2120-6	SHT MT Shaft 1 - Grouting underneath A/R - Grouting (300 of 765 nos)	7d	7d	25-Mar-15	01-Apr-15	0%			
SHT2100-11	SHT MT Shaft 1 - Grouting underneath A/R - Drilling (450 of 765 nos)	9d	9d	01-Apr-15	14-Apr-15	0%			
SHT2120-7	SHT MT Shaft 1 - Grouting underneath A/R - Grouting (350 of 765 nos)	7d	7d	02-Apr-15	13-Apr-15	0%			
SHT2120-8	SHT MT Shaft 1 - Grouting underneath A/R - Grouting (400 of 765 nos)	7d	7d	14-Apr-15	21-Apr-15	0%			
SHT2100-12	SHT MT Shaft 1 - Grouting underneath A/R - Drilling (500 of 765 nos)	9d	9d	15-Apr-15	24-Apr-15	0%			
SHT2120-9	SHT MT Shaft 1 - Grouting underneath A/R - Grouting (450 of 765 nos)	7d	7d	22-Apr-15	29-Apr-15	0%			
SHT2100-13	SHT MT Shaft 1 - Grouting underneath A/R - Drilling (550 of 765 nos)	9d	9d	25-Apr-15	06-May-15	0%			
SHT2120-10	SHT MT Shaft 1 - Grouting underneath A/R - Grouting (500 of 765 nos)	7d	7d	05-May-15	12-May-15	0%			
SHT2100-14	SHT MT Shaft 1 - Grouting underneath A/R - Drilling (600 of 765 nos)	9d	9d	07-May-15	16-May-15	0%			
SHT2120-11	SHT MT Shaft 1 - Grouting underneath A/R - Grouting (550 of 765 nos)	7d	7d	13-May-15	20-May-15	0%			
SHT2100-15	SHT MT Shaft 1 - Grouting underneath A/R - Drilling (650 of 765 nos)	9d	9d	18-May-15	28-May-15	0%	30-Jun-15	30-Jun-15	
Shaft 2(AEL West Access Shaft)									
SHT2200-3	SHT MT Shaft 2 - Preparation works for grouting (including platform for grouting, utilities diversion & pipe pi	30d	0d	20-Oct-14 A	23-Feb-15	100%			
SHT2200-6	SHT MT Shaft 2 - Grouting underneath A/R - Drilling (150 of 1,346 nos)	10d	3d	07-Feb-15 A	25-Feb-15	76%			
SHT2220-2	SHT MT Shaft 2 - Grouting underneath A/R - Grouting (100 of 1,346 nos)	6d	5d	08-Feb-15 A	27-Feb-15	58%			
SHT2200-7	SHT MT Shaft 2 - Grouting underneath A/R - Drilling (200 of 1,346 nos)	7d	7d	26-Feb-15	05-Mar-15	0%			
SHT2220-3	SHT MT Shaft 2 - Grouting underneath A/R - Grouting (150 of 1,346 nos)	6d	6d	28-Feb-15	06-Mar-15	0%			
SHT2200-8	SHT MT Shaft 2 - Grouting underneath A/R - Drilling (250 of 1,346 nos)	7d	7d	06-Mar-15	13-Mar-15	0%			
SHT2220-4	SHT MT Shaft 2 - Grouting underneath A/R - Grouting (200 of 1,346 nos)	6d	6d	07-Mar-15	13-Mar-15	0%			



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

(March 2015 to May 2015)

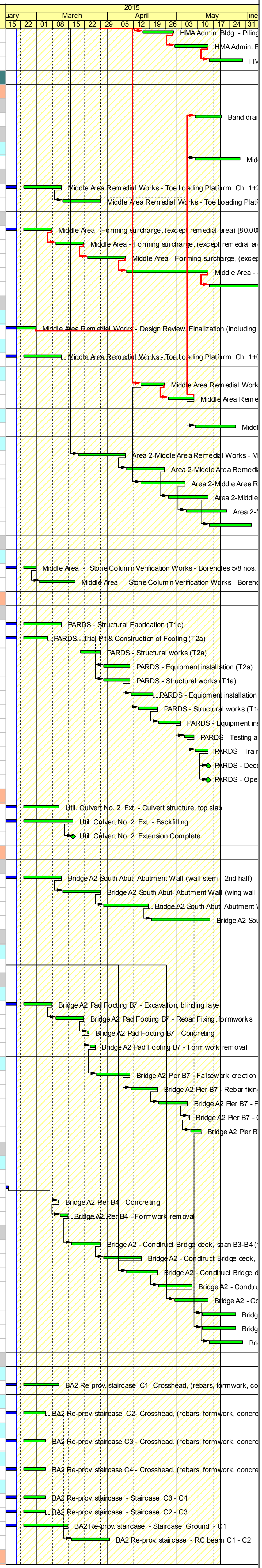
Activity ID	Activity Name	Dur. (days)	Remaining Duration	Start	Finish	Activity % Complete	Planned Completion	DWP/RevA/10 Completion	Remarks(based on DWP/Rev.0/5)
SHT2200-9	SHT MT Shaft 2 - Grouting underneath A/R - Drilling (300 of 1,346 nos)	7d	7d	14-Mar-15	21-Mar-15	0%			
SHT2220-5	SHT MT Shaft 2 - Grouting underneath A/R - Grouting (250 of 1,346 nos)	6d	6d	14-Mar-15	20-Mar-15	0%			
SHT2200-10	SHT MT Shaft 2 - Grouting underneath A/R - Drilling (350 of 1,346 nos)	7d	7d	23-Mar-15	30-Mar-15	0%			
SHT2220-6	SHT MT Shaft 2 - Grouting underneath A/R - Grouting (300 of 1,346 nos)	6d	6d	27-Mar-15	02-Apr-15	0%			
SHT2200-11	SHT MT Shaft 2 - Grouting underneath A/R - Drilling (400 of 1,346 nos)	7d	7d	31-Mar-15	10-Apr-15	0%			
SHT2220-7	SHT MT Shaft 2 - Grouting underneath A/R - Grouting (350 of 1,346 nos)	6d	6d	07-Apr-15	13-Apr-15	0%	30-Jun-15	30-Jun-15	
SHT2200-12	SHT MT Shaft 2 - Grouting underneath A/R - Drilling (450 of 1,346 nos)	7d	7d	11-Apr-15	18-Apr-15	0%			
SHT2220-8	SHT MT Shaft 2 - Grouting underneath A/R - Grouting (400 of 1,346nos)	6d	6d	14-Apr-15	20-Apr-15	0%			
SHT2200-13	SHT MT Shaft 2 - Grouting underneath A/R - Drilling (500 of 1,346 nos)	7d	7d	20-Apr-15	27-Apr-15	0%			
SHT2220-9	SHT MT Shaft 2 - Grouting underneath A/R - Grouting (450 of 1,346 nos)	7d	7d	21-Apr-15	28-Apr-15	0%			
SHT2200-14	SHT MT Shaft 2 - Grouting underneath A/R - Drilling (550 of 1,346nos)	7d	7d	28-Apr-15	06-May-15	0%			
SHT2220-10	SHT MT Shaft 2 - Grouting underneath A/R - Grouting (500 of 1,346 nos)	6d	6d	05-May-15	11-May-15	0%			
SHT2200-15	SHT MT Shaft 2 - Grouting underneath A/R - Drilling (600 of 1,346 nos)	7d	7d	07-May-15	14-May-15	0%			
SHT2220-11	SHT MT Shaft 2 - Grouting underneath A/R - Grouting (550 of 1,346 nos)	6d	6d	12-May-15	18-May-15	0%			
SHT2200-16	SHT MT Shaft 2 - Grouting underneath A/R - Drilling (650 of 1,346 nos)	7d	7d	15-May-15	22-May-15	0%			
SHT2220-12	SHT MT Shaft 2 - Grouting underneath A/R - Grouting (600 of 1,346 nos)	6d	6d	19-May-15	26-May-15	0%	30-Jun-15	30-Jun-15	
Noise Barrier Fabrication (Shaft 2)									
SHT1837	SHT MT AEL Shaft 2 - Materials Delivery	4d	4d	07-Mar-15	11-Mar-15	0%			
SHT1847	SHT MT AEL Shaft 2 - Fabrication/erection of Noise Barriers/Enclosure, 1st half	8d	8d	12-Mar-15	20-Mar-15	0%			
SHT1857	SHT MT AEL Shaft 2 - Fabrication/erection of Noise Barriers/Enclosure, 2nd half	8d	8d	21-Mar-15	30-Mar-15	0%			
SHT1867	SHT MT AEL Shaft 2 - Noise Measurement & CNP Application and Approval	15d	15d	31-Mar-15	20-Apr-15	0%			
CCT Works over Reclaimed Area at Ch 14+212 to Ch 15+050 (828m)									
CCT Works - on New Reclamation [490m Approx.]									
"Zone B, C, D, E, F & G" CCT Works in Remaining Section [325m Approx.][Ch 14+375 to Ch 14+700]									
Civil & Structurals Works									
Pre-drilling Works (Zone D~Zone G)									
SHT1900-10	SHT C&CT on new recl. rem. section - Pre-drilling (96 of 195)	15d	15d	28-Mar-15	17-Apr-15	0%			Behind programme
SHT1900-11	SHT C&CT on new recl. rem. section - Pre-drilling (112 of 195)	15d	15d	18-Apr-15	06-May-15	0%			Behind programme
SHT1900-12	SHT C&CT on new recl. rem. section - Pre-drilling (128 of 195)	15d	15d	07-May-15	23-May-15	0%			Behind programme
ELS - Tunnel SHT- Zone B -C&CT (T1.9.1 + Ext. Ch14+200 to Ch14+311)/(T1.2.1.1 Ch14+200 to Ch14+410)									
Excavation & Lateral Support(T1.9.1+Extension)									
T001(T1.9.1)									
SHT1860-4	SHT C&CT on new recl. rem. section (Zone B) - T001 - Install S2(lateral support)	14d	19d	27-Dec-14 A	16-Mar-15	30%			On Programme
SHT1860-5	SHT C&CT on new recl. rem. section (Zone B) - T001 - Excavate to S3	14d	25d	12-Jan-15 A	23-Mar-15	50%			On Programme
SHT1860-6	SHT C&CT on new recl. rem. section (Zone B) - T001 - Install S3(lateral support)	14d	14d	17-Mar-15	01-Apr-15	0%			
SHT1860-7	SHT C&CT on new recl. rem. section (Zone B) - T001- Excavate to S4	11d	11d	27-Mar-15	11-Apr-15	0%			
SHT1860-8	SHT C&CT on new recl. rem. section (Zone B) - T001- Install S4(lateral support)	14d	14d	07-Apr-15	22-Apr-15	0%			
SHT1860-9	SHT C&CT on new recl. rem. section (Zone B) - T001- Excavate to S5	11d	11d	17-Apr-15	29-Apr-15	0%			
SHT1860-10	SHT C&CT on new recl. rem. section (Zone B) - T001- Install S5(lateral support)	14d	14d	24-Apr-15	11-May-15	0%			
SHT1860-1	SHT C&CT on new recl. rem. section (Zone B) - T001- Excavate to FEL, 1st stage	12d	12d	06-May-15	19-May-15	0%			
SHT1860-1	SHT C&CT on new recl. rem. section (Zone B) - T001- Excavate to FEL, 2nd stage	12d	12d	20-May-15	03-Jun-15	0%	03-Jul-15	28-Jul-15	
T002(T1.9.1)									
SHT1861-2	SHT C&CT on new recl. rem. section (Zone B) - T002 - Install S1(lateral support)	14d	0d	12-Dec-14 A	13-Feb-15 A	100%			On Programme
SHT1861-4	SHT C&CT on new recl. rem. section (Zone B) - T002 - Install S2(lateral support)	14d	10d	12-Jan-15 A	05-Mar-15	60%	-		On Programme
SHT1861-5	SHT C&CT on new recl. rem. section (Zone B) - T002 - Excavate to S3	14d	14d	30-Jan-15 A	10-Mar-15	15%			On Programme
SHT1861-6	SHT C&CT on new recl. rem. section (Zone B) - T002 - Install S3(lateral support)	14d	14d	05-Mar-15	20-Mar-15	0%			
SHT1861-7	SHT C&CT on new recl. rem. section (Zone B) - T002 - Excavate to S4	11d	11d	16-Mar-15	27-Mar-15	0%			
SHT1861-8	SHT C&CT on new recl. rem. section (Zone B) - T002 - Install S4(lateral support)	14d	14d	23-Mar-15	10-Apr-15	0%			
SHT1861-9	SHT C&CT on new recl. rem. section (Zone B) - T002 - Excavate to S5	11d	11d	02-Apr-15	17-Apr-15	0%			
SHT1861-10	SHT C&CT on new recl. rem. section (Zone B) - T002 - Install S5(lateral support)	14d	14d	13-Apr-15	28-Apr-15	0%			
SHT1861-11	SHT C&CT on new recl. rem. section (Zone B) - T002 - Excavate to S6	11d	11d	23-Apr-15	06-May-15	0%			
SHT1861-12	SHT C&CT on new recl. rem. section (Zone B) - T002 - Install S6(lateral support)	14d	14d	30-Apr-15	16-May-15	0%			
SHT1861-13	SHT C&CT on new recl. rem. section (Zone B) - T002 - Excavate to FEL	6d	6d	12-May-15	18-May-15	0%	18-May-15	28-Jul-15	
SHT1861-14	SHT C&CT on new recl. rem. section (Zone B) - T002 - Cast Tunnel Base	26d	26d	19-May-15	18-Jun-15	0%			
EXTENSION(T1.9.1)									
SHT1862-14	SHT C&CT on new recl. rem. section (Zone B) - Extension - Install S2(lateral support)	10d	0d	24-Jan-15 A	13-Feb-15 A	100%			On Programme
SHT1862-15	SHT C&CT on new recl. rem. section (Zone B) - Extension - Excavate to S3	10d	0d	28-Jan-15 A	10-Feb-15 A	100%			On Programme
SHT1862-16	SHT C&CT on new recl. rem. section (Zone B) - Extension - Install S3(lateral support)	15d	15d	27-Feb-15	16-Mar-15	0%			
SHT1862-17	SHT C&CT on new recl. rem. section (Zone B) - Extension - Excavate to S4	10d	10d	11-Mar-15	21-Mar-15	0%			
SHT1862-18	SHT C&CT on new recl. rem. section (Zone B) - Extension - Install S4(lateral support)	10d	10d	17-Mar-15	27-Mar-15	0%			
SHT1862-19	SHT C&CT on new recl. rem. section (Zone B) - Extension - Excavate to S5	10d	10d	28-Mar-15	11-Apr-15	0%			
SHT1862-20	SHT C&CT on new recl. rem. section (Zone B) - Extension - Install S5(lateral support)	10d	10d	07-Apr-15	17-Apr-15	0%			
SHT1862-21	SHT C&CT on new recl. rem. section (Zone B) - Extension - Excavate to FEL	6d	6d	13-Apr-15	18-Apr-15	0%	18-Apr-15	28-Jul-15	
SHT1862-22	SHT C&CT on new recl. rem. section (Zone B) - Extension - Cast Tunnel Base, bay 1	14d	14d	20-Apr-15	06-May-15	0%			
SHT1862-32	SHT C&CT on new recl. rem. section (Zone B) - Extension - Cast Tunnel Base, bay 2	14d	14d	07-May-15	22-May-15	0%			
ELS - Tunnel SHT - Zone C - C&CT (DDA 1.2.1.3 Ch 14+490 to Ch 14+680)									
Pre-Bored Socketed H-Pile (DDA 1.2.1.3)									
SHT1912-8	SHT C&CT on new recl. rem. section (Zone C) - [Drilling]Piling works [pre-bored H-pile + bored piles] - 12	12d	12d	30-Mar-15*	15-Apr-15	0%			Behind Programme
SHT1913-8	SHT C&CT on new recl. rem. section (Zone C) - [Grouting]Piling works [pre-bored H-pile + bored piles] - 2	10d	10d	11-Apr-15	22-Apr-15	0%			Behind Programme
SHT1912-9	SHT C&CT on new recl. rem. section (Zone C) - [Drilling]Piling works [pre-bored H-pile + bored piles] - 36	12d	12d	16-Apr-15	29-Apr-15	0%			Behind Programme
SHT1913-9	SHT C&CT on new recl. rem. section (Zone C) - [Grouting]Piling works [pre-bored H-pile + bored piles] - 4	10d	10d	23-Apr-15	05-May-15	0%			Behind Programme
SHT1912-10	SHT C&CT on new recl. rem. section (Zone C) - [Drilling]Piling works [pre-bored H-pile + bored piles] - 60	12d	12d	30-Apr-15	14-May-15	0%			Behind Programme
SHT1913-10	SHT C&CT on new recl. rem. section (Zone B&C) - [Grouting]Piling works [pre-bored H-pile + bored piles]	10d	10d	09-May-15	20-May-15	0%			Behind Programme
Sheet Piling Works									
SHT1914-23	SHT C&CT on new recl. rem. section (Zone C) - FSPV1 Sheet pile installation (5,500 m2/9,500 m2)	8d	5d	22-Jan-15 A	27-Feb-15	17%			Behind Programme
SHT1914-24	SHT C&CT on new recl. rem. section (Zone C) - FSPV1 Sheet pile installation (6,500 m2/9,500m2)	8d	8d	28-Feb-15	09-Mar-15	0%			Behind Programme
SHT1914-25	SHT C&CT on new recl. rem. section (Zone C) - FSPV1 Sheet pile installation (7,500 m2/9,500m2)	8d	8d	09-Mar-15	17-Mar-15	0%			Behind Programme
SHT1914-26	SHT C&CT on new recl. rem. section (Zone C) - FSPV1 Sheet pile installation (8,500 m2/9,500m2)	8d	8d	17-Mar-15	25-Mar-15	0%			Behind Programme
SHT1914-27	SHT C&CT on new recl. rem. section (Zone C) - FSPV1 Sheet pile installation (9,500 m2/9,500m2)	8d	8d	25-Mar-15	02-Apr-15	0%	02-Apr-15	28-Mar-15	Behind Programme
Pumping Test									
SHT1915-1	SHT CCT on new recl. rem. section (Zone C) - Inst. of Dewatering wells, Observation Wells, Recharge W	12d	12d	07-Apr-15	20-Apr-15	0%			
SHT1915-11	SHT CCT on new recl. rem. section (Zone C) - Inst. of Dewatering wells, Observation Wells, Recharge W	12d	12d	21-Apr-15	05-May-15	0%			
SHT1915-21	SHT CCT on new recl. rem. section (Zone C) - Pumping Test	14d	14d	06-May-15	21-May-15	0%			
CCT Works for HAT East w/ Emergency Pedestrian Passage									
CCT for HAT, East Area [303m Approx.]									
Foundation (HAT Plant Area)									
Pre-Bored Socketed H-Pile									
HAT1030-1	HAT East C&CT - Piling [-20mPD ave. depth], 1st 10 nos. [incl. post-piling tests]	15d	15d	30-Apr-15*	18-May-15	0%			Behind Programme
HAT1030-2	HAT East C&CT - Piling [-20mPD ave. depth], 2nd 10 nos. [incl. post-piling tests]	15d	15d	19-May-15	05-Jun-15	0%			Behind Programme
WORKS IN HAM(HIGHWAY OPERATION & MAINTENANCE AREA) & HAT CCT									
Reclamation Works									
Surcharge									
RSC1086-10	Forming surcharge, Sub-zones (5-3. 6-2, 6-3. 7-1 & 7-2) (308,712 of 308,712m3)	20d	21d	10-Jan-15 A	18-Mar-15	7%	18-Mar-15	18-Mar-15	Behind Programme
RSC1083-16	HMA - Surcharge Removal, Sub-zone 6-2-1, remaining half	14d	14d	14-Jan-15 A	10-Mar-15	70%			Behind Programme
RSC1086-30	HMA - Surcharge Load, Sub-zones 7-1 & 7-2 (2nd month)	30d	15d	02-Feb-15 A	11-Mar-15	90%			Behind Programme
RSC1083-17	HMA - Surcharge Removal, Sub-zone 5-3-1, 1st half	12d	12d	11-Mar-15	24-Mar-15	0%			Behind Programme
RSC1086-40	HMA - Surcharge Load, Sub-zones 7-1 & 7-2 (3rd month)	30d	30d	12-Mar-15	18-Apr-15	0%			
RSC1083-18	HMA - Surcharge Removal, Sub-zone 5-3-1, remaining half	12d	12d	25-Mar-15	10-Apr-15	0%			Behind Programme
RSC1083-19	HMA - Surcharge Removal, Sub-zone 5-3-2, 1st half	12d	12d	11-Apr-15	24-Apr-15	0%			Behind Programme
RSC1087	Surcharge Period [3 months]	90d	90d	20-Apr-15	06-Aug-15	0%			
RSC1083-20	HMA - Surcharge Removal, Sub-zone 5-3-2, 1st half	12d	12d	25-Apr-15	09-May-15	0%			Behind Programme
RSC1083-21	HMA - Surcharge Removal, Sub-zone 6-2-2, 1st half	16d	16d	11-May-15	29-May-15	0%			Behind Programme
Administration Building									
Foundation Works									
HMA1100-1	HMA Admin. Bldg. - Piling works (Pre-bored socket H-pile), 20/172nos.	15d	0d	03-Feb-15 A	16-Feb-15 A	100%			Behind Programme
HMA1100-2	HMA Admin. Bldg. - Piling works (Pre-bored socket H-pile), 42/172nos.	12d	6d	17-Feb-15 A	28-Feb-15	5%			Behind Programme
HMA1100-3	HMA Admin. Bldg. - Piling works (Pre-bored socket H-pile), 64/172nos.	12d	12d	02-Mar-15	14-Mar-15	0%			Behind Programme
HMA1100-4	HMA Admin. Bldg. - Piling works (Pre-bored socket H-pile), 86/172nos.	12d	12d	16-Mar-15	28-Mar-15	0%			Behind Programme
HMA1100-5	HMA Admin. Bldg. - Piling works (Pre-bored socket H-pile), 108/172nos.	12d	12d	30-Mar-15	15-Apr-15	0%			Behind Programme



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

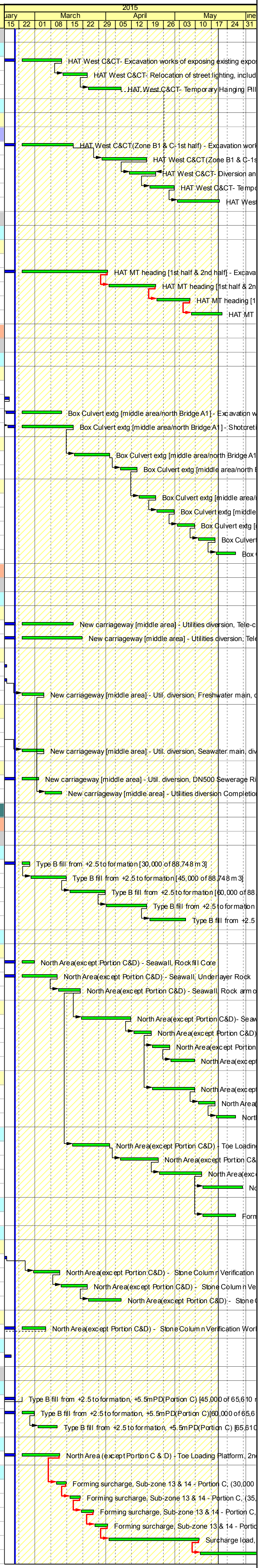
(March 2015 to May 2015)

Activity ID	Activity Name	Dur. (days)	Remaining Duration	Start	Finish	Activity % Complete	Planned Completion	DWP/RevA/10 Completion	Remarks(based on DWP/Rev.0/5)
HMA1100-6	HMA Admin. Bldg. - Piling works (Pre-bored socket H-pile), 130/172nos.	12d	12d	16-Apr-15	29-Apr-15	0%			Behind Programme
HMA1100-7	HMA Admin. Bldg. - Piling works (Pre-bored socket H-pile), 152/172nos.	12d	12d	30-Apr-15	14-May-15	0%			Behind Programme
HMA1100-8	HMA Admin. Bldg. - Piling works (Pre-bored socket H-pile), 172/172nos.	12d	12d	15-May-15	29-May-15	0%	29-May-15	29-May-15	Behind Programme
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)									
Stage 2 - Remaining Band Drains									
RSC1045-20	Band drain installation [845 nos]	10d	10d	09-May-15	20-May-15	0%			Behind Programme
Seawall Construction (Middle Area) CH 0+960 to CH 1+400 - 440m									
SWCH 1+000 to SWCH 1+100 - 80m									
SW1060	Middle Area - Seawall, Trimming & Laying Geotextile along seawall line	16d	16d	09-May-15	28-May-15	0%			Behind Programme
Toe Loading Platform (for Seawall & Reclamation)									
SWTL-150	Middle Area Remedial Works - Toe Loading Platform, Ch. 1+280 to 1+400	15d	15d	05-Dec-14 A	11-Mar-15	60%			
SWTL-140	Middle Area Remedial Works - Toe Loading Platform, Ch. 0+960 to 1+050	15d	15d	12-Mar-15	28-Mar-15	0%			
Surcharge									
RSC1069-31	Middle Area - Forming surcharge, (except remedial area) [80,000 of 121,913m3]	12d	12d	09-Dec-14 A	07-Mar-15	42%			On-programme
RSC1069-41	Middle Area - Forming surcharge, (except remedial area) [100,000 of 121,913m3]	12d	12d	09-Mar-15	21-Mar-15	0%			Behind Programme
RSC1069-51	Middle Area - Forming surcharge, (except remedial area) [121,913 of 121,913m3]	12d	12d	23-Mar-15	08-Apr-15	0%	08-Apr-15	09-May-15	Behind Programme
RSC1069-61	Middle Area - Surcharge load, 1st month	30d	30d	09-Apr-15	14-May-15	0%			Behind Programme
RSC1069-71	Middle Area - Surcharge load, 2nd month	30d	30d	15-May-15	19-Jun-15	0%			Behind Programme
Area 2: Investigation and Remedial Works - SWCH 1+050 to SWCH 1+280 (230m)									
Design Review									
A1190	Middle Area Remedial Works - Design Review, Finalization (including approval)	14d	9d	12-Jan-15 A	28-Feb-15	60%			
Toe Loading Platform (for Seawall & Reclamation)									
SWTL-160	Middle Area Remedial Works - Toe Loading Platform, Ch. 1+050 to 1+280	15d	15d	03-Dec-14 A	11-Mar-15	40%			
Band Drains									
A1210	Middle Area Remedial Works - Band drains installation, 1st half	10d	10d	15-Apr-15	25-Apr-15	0%			
A1220	Middle Area Remedial Works - Band drains installation, 2nd half	10d	10d	27-Apr-15	08-May-15	0%			
Temporary Seawall (230m)									
A1270	Middle Area Remedial Works - Temporary seawall re-installation	14d	14d	09-May-15	26-May-15	0%			
Pipe Piles/Sheet Piles									
A1320	Area 2-Middle Area Remedial Works - Materials Delivery, pipe piles (batch 1)	15d	15d	19-Mar-15	08-Apr-15	0%			
A1330	Area 2-Middle Area Remedial Works - Materials Delivery, pipe piles (batch 2)	15d	15d	09-Apr-15	25-Apr-15	0%			
A1360	Area 2-Middle Area Remedial Works - Sheet piling (FSPIII) + pipe piles (part1)	16d	16d	15-Apr-15	04-May-15	0%			
A1340	Area 2-Middle Area Remedial Works - Materials Delivery, pipe piles (batch 3)	15d	15d	27-Apr-15	14-May-15	0%			
A1370	Area 2-Middle Area Remedial Works - Sheet piling (FSPIII) + pipe piles (part2)	16d	16d	05-May-15	22-May-15	0%	11-Jun-15	28-Jun-15	
A1350	Area 2-Middle Area Remedial Works - Materials Delivery, pipe piles (batch 4)	15d	15d	15-May-15	02-Jun-15	0%			
Boreholes & CPT - Stone Column Verification									
Boreholes									
RSC2000-06	Middle Area - Stone Column Verification Works - Boreholes 5/8 nos.	10d	6d	03-Feb-15 A	28-Feb-15	40%			
RSC2000-07	Middle Area - Stone Column Verification Works - Boreholes 8/8 nos.	14d	14d	02-Mar-15	17-Mar-15	0%			
Flight Information Signs (PARDS) & Billboards- Reprovisioning Works									
PARDS - Construction T1a, T1c, T2a									
PARDS102-2	PARDS - Structural Fabrication (T1c)	15d	15d	08-Dec-14 A	11-Mar-15	80%			Behind Programme
PARDS100-3	PARDS - Trial Pit & Construction of Footing (T2a)	7d	10d	05-Jan-15 A	05-Mar-15	50%			Behind Programme
PARDS101-2	PARDS - Structural works (T2a)	8d	8d	20-Mar-15	28-Mar-15	0%			Behind Programme
PARDS110-2	PARDS - Equipment installation (T2a)	8d	8d	30-Mar-15	10-Apr-15	0%			Behind Programme
PARDS101-3	PARDS - Structural works (T1a)	8d	8d	30-Mar-15	10-Apr-15	0%			Behind Programme
PARDS110-3	PARDS - Equipment installation (T1a)	8d	8d	11-Apr-15	20-Apr-15	0%			Behind Programme
PARDS101-1	PARDS - Structural works (T1c)	8d	8d	14-Apr-15	22-Apr-15	0%			Behind Programme
PARDS110-1	PARDS - Equipment installation (T1c)	8d	8d	23-Apr-15	02-May-15	0%			Behind Programme
PARDS120	PARDS - Testing and Commissioning	5d	5d	04-May-15	08-May-15	0%	8-May-15	22-Apr-15	Behind Programme
PARDS121	PARDS - Training to AA and Hand over	5d	5d	09-May-15	14-May-15	0%			Behind Programme
PARDS140	PARDS - Decommission existing PARDS	0d	0d		14-May-15	0%			Behind Programme
PARDS130	PARDS - Operational (T1a, T1c, T2a)	0d	0d		14-May-15	0%			Behind Programme
Utility Culvert No. 2 Ext. near Bridge A2 [30m Approx.]									
UC2.1070	Util. Culvert No. 2 Ext. - Culvert structure, top slab	15d	14d	18-Nov-14 A	10-Mar-15	99%			Behind Programme
UC2.1040	Util. Culvert No. 2 Ext. - Backfilling	5d	19d	19-Nov-14 A	16-Mar-15	75%			Behind Programme
UC2.1050	Util. Culvert No. 2 Extension Complete	0d	0d		16-Mar-15	0%	30-Jan-15	28-Feb-15	Behind Programme
Works in Bridge A2									
BA2 - South Abutment									
BA2.1672	Bridge A2 South Abut- Abutment Wall (wall stem - 2nd half)	15d	15d	08-Jan-15 A	11-Mar-15	50%			Behind programme
BA2.1674	Bridge A2 South Abut- Abutment Wall (wing wall - 1st half)	15d	15d	12-Mar-15	28-Mar-15	0%			Behind programme
BA2.1676	Bridge A2 South Abut- Abutment Wall (wing wall - 2nd half)	15d	15d	30-Mar-15	18-Apr-15	0%			Behind programme
BA2.1680	Bridge A2 South Abut - Backfilling	22d	22d	20-Apr-15	15-May-15	0%	15-May-15	13-Jul-15	Behind programme
BA2 - Foundation and Pier B5									
Pier B5									
BA2.1910	Bridge A2 Pier B5 - Formwork Removal	4d	0d	10-Feb-15 A	10-Feb-15 A	100%			Behind programme
BA2 - Foundation and Pier B7									
Foundation B7									
BA2.1610	Bridge A2 Pad Footing B7 - Excavation, blinding layer	12d	12d	09-Jan-15 A	07-Mar-15	50%			Behind programme
BA2.2060	Bridge A2 Pad Footing B7 - Rebar Fixing, formworks	12d	12d	09-Mar-15	21-Mar-15	0%			Behind programme
BA2.2070	Bridge A2 Pad Footing B7 - Concreting	1d	1d	23-Mar-15	23-Mar-15	0%			Behind programme
BA2.2080	Bridge A2 Pad Footing B7 - Formwork removal	3d	3d	24-Mar-15	26-Mar-15	0%			Behind programme
Pier B7									
BA2.1700	Bridge A2 Pier B7 - Falsework erection	10d	10d	27-Mar-15	10-Apr-15	0%			Behind programme
BA2.2090	Bridge A2 Pier B7 - Rebar fixing	10d	10d	11-Apr-15	22-Apr-15	0%			Behind programme
BA2.2100	Bridge A2 Pier B7 - Formwork erection	10d	10d	23-Apr-15	05-May-15	0%			Behind programme
BA2.2110	Bridge A2 Pier B7 - Concreting	1d	1d	06-May-15	06-May-15	0%	6-May-15	9-May-15	Behind programme
BA2.2120	Bridge A2 Pier B7 - Formwork removal	4d	4d	07-May-15	11-May-15	0%			Behind programme
BA2 - Foundation and Pier B4									
Pier B4									
BA2.2160	Bridge A2 Pier B4 - Rebar fixing	14d	0d	30-Jan-15 A	10-Feb-15 A	100%			Behind programme
BA2.2170	Bridge A2 Pier B4 - Formwork erection	14d	0d	11-Feb-15 A	16-Feb-15 A	100%			Behind programme
BA2.1780	Bridge A2 Pier B4 - Concreting	1d	1d	10-Mar-15	10-Mar-15	0%			Behind programme
BA2.1790	Bridge A2 Pier B4 - Formwork removal	4d	4d	11-Mar-15	14-Mar-15	0%			Behind programme
Decking									
BA2.1830-1	Bridge A2 - Condtruct Bridge deck, span B3-B4 (1st part)	12d	12d	16-Mar-15	28-Mar-15	0%			Ahead Programme
BA2.1830-2	Bridge A2 - Condtruct Bridge deck, span B3-B4 (2nd part)	12d	12d	30-Mar-15	15-Apr-15	0%			Ahead Programme
BA2.1830-3	Bridge A2 - Condtruct Bridge deck, span B4-B5 (1st part)	12d	12d	09-Apr-15	22-Apr-15	0%			Ahead Programme
BA2.1830-4	Bridge A2 - Condtruct Bridge deck, span B4-B5 (2nd part)	12d	12d	23-Apr-15	07-May-15	0%			Ahead Programme
BA2.1830-5	Bridge A2 - Condtruct Bridge deck, span B5-B6 (1st part)	12d	12d	30-Apr-15	14-May-15	0%			Ahead Programme
BA2.1830-9	Bridge A2 - Condtruct Bridge deck, span B7-South Abut. (1st part)	12d	12d	12-May-15	26-May-15	0%			Ahead Programme
BA2.1830-7	Bridge A2 - Condtruct Bridge deck, span B6-B7 (1st part)	12d	12d	12-May-15	26-May-15	0%			Ahead Programme
BA2.1830-6	Bridge A2 - Condtruct Bridge deck, span B5-B6 (2nd part)	12d	12d	15-May-15	29-May-15	0%	29-May-15	8-Jun-15	Ahead Programme
BA2 - Re-Provisioned Staircase									
Diameter Pier and Crosshead C1									
BA2.2244	BA2 Re-prov. staircase C1- Crosshead, (rebars, formwork, concrete)	12d	14d	17-Dec-14 A	10-Mar-15	30%			On programme
Diameter Pier and Crosshead C2									
BA2.2344	BA2 Re-prov. staircase C2- Crosshead, (rebars, formwork, concrete)	12d	9d	17-Dec-14 A	04-Mar-15	85%			On programme
Diameter Pier and Crosshead C3									
BA2.2354	BA2 Re-prov. staircase C3 - Crosshead, (rebars, formwork, concrete)	12d	9d	17-Dec-14 A	04-Mar-15	85%			On programme
Diameter Pier and Crosshead C4									
BA2.2364	BA2 Re-prov. staircase C4 - Crosshead, (rebars, formwork, concrete)	12d	9d	17-Dec-14 A	04-Mar-15	85%			On programme
Staircase									
BA2.2370	BA2 Re-prov. staircase - Staircase C3 - C4	15d	9d	22-Dec-14 A	04-Mar-15	85%			On programme
BA2.2380	BA2 Re-prov. staircase - Staircase C2 - C3	15d	9d	22-Dec-14 A	04-Mar-15	85%			On programme
BA2.2390	BA2 Re-prov. staircase - Staircase Ground - C1	15d	18d	23-Dec-14 A	14-Mar-15	25%			On programme
BA2.2400	BA2 Re-prov. staircase - RC beam C1 - C2	15d	15d	16-Mar-15	01-Apr-15	0%	01-Apr-15	15-Apr-15	On programme
Works in HAT Tunnel (Mined Tunnel and West CCT w/ Emergency Pedestrian Passage									



3-Months Rolling Programme (ER Part 5 & SCC 27(9))
(March 2015 to May 2015)

Activity ID	Activity Name	Dur. (days)	Remaining Duration	Start	Finish	Activity % Complete	Planned Completion	DWP/RevA/10 Completion	Remarks(based on DWP/Rev.0/5)
CCT for HAT across Airport Road [200m Approx.]									
Relocation of Street Lighting for HAT West CCT									
HAT1614	HAT West C&CT- Excavation works of exposing existing exposing cable	16d	16d	10-Jan-15 A	12-Mar-15	70%			
HAT1615	HAT West C&CT- Relocation of street lighting, including testing and commissioning	9d	9d	13-Mar-15	23-Mar-15	0%			
HAT1616	HAT West C&CT- Temporary Hanging Pillar box "R3"	10d	10d	24-Mar-15	07-Apr-15	0%			
Civil & Structural Works									
ELS - HAT West CCT, Ch. 0+230 to Ch. 0+530									
ELS									
HAT1611-1	HAT West C&CT(Zone B1 & C-1st half) - Excavation works, 1st Layer	16d	20d	09-Dec-14 A	17-Mar-15	75%			Behind Programme
HAT1611-2	HAT West C&CT(Zone B1 & C-1st half) - Installation of lateral supports, 1st Layer	15d	15d	30-Mar-15	18-Apr-15	0%			
HAT1612	HAT West C&CT- Diversion and removal of dia. 300 and dia. 500 sewer	10d	10d	11-Apr-15	22-Apr-15	0%			
HAT1622	HAT West C&CT- Temporary relocation of irrigation main	10d	10d	20-Apr-15	30-Apr-15	0%			
HAT1611-3	HAT West C&CT(Zone B1 & C-1st half) - Excavation works, 2nd Layer	16d	16d	02-May-15	20-May-15	0%			
Mined Tunnel for HAT underneath AEL & at East Coast Road [198m-Drill & Break)(Ch 0+557 to Ch 0+756]									
HAT Mined Tunnel Works									
Drive from Shaft 4: HAT Tunnel Excavation - Heading (1st half & 2nd half)									
HAT2006	HAT MT heading [1st half & 2nd half] - Mobilization/ setting up (2nd part)	12d	0d	31-Jan-15 A	13-Feb-15 A	100%			Behind Programme
HAT2015-1	HAT MT heading [1st half & 2nd half] - Excavation (drill & break), 1st 3m(@5d/m cycle)	15d	33d	14-Feb-15 A	01-Apr-15	2%			Behind Programme
HAT2015-2	HAT MT heading [1st half & 2nd half] - Excavation (drill & break), next 2m(@5d/m cycle)	15d	15d	02-Apr-15	22-Apr-15	0%			
HAT2015-3	HAT MT heading [1st half & 2nd half] - Excavation (drill & break), next 3m(@4d/m cycle)	12d	12d	23-Apr-15	07-May-15	0%			
HAT2015-4	HAT MT heading [1st half & 2nd half] - Excavation (drill & break), next 3m(@4d/m cycle)	12d	12d	08-May-15	21-May-15	0%			
Box Culvert Extension to Outfall PR9 & PR14									
Box Culvert Ext. to New Outfall PR9 (75m Approx.)									
Temporary Drainage Diversion and Relocation of Spill Trap(Bay 1)									
Stage 1									
BC1200-2	Box Culvert extg [middle area/north Bridge A1] - Excavation works for temporary diversion, 136m/203m	14d	0d	08-Jan-15 A	14-Feb-15 A	100%			Ahead Programme
BC1200-4	Box Culvert extg [middle area/north Bridge A1] - Shotcreting works, 1st half	14d	0d	12-Jan-15 A	17-Feb-15 A	100%			Ahead Programme
BC1200-3	Box Culvert extg [middle area/north Bridge A1] - Excavation works for temporary diversion, 203m/203m	14d	16d	16-Feb-15 A	12-Mar-15	70%			Ahead Programme
BC1200-14	Box Culvert extg [middle area/north Bridge A1] - Shotcreting works, remaining half	14d	20d	17-Feb-15 A	17-Mar-15	0%			Ahead Programme
Stage 2									
BC1200-5	Box Culvert extg [middle area/north Bridge A1] - Demolish/saw cutting of Spill Trap	14d	14d	18-Mar-15	02-Apr-15	0%			Ahead Programme
BC1200-6	Box Culvert extg [middle area/north Bridge A1] - Construction and installation of Isolation panel	7d	7d	07-Apr-15	14-Apr-15	0%			Ahead Programme
Stage 3									
BC1200-07	Box Culvert extg [middle area/north Bridge A1] - Const. of New Spill Trap(Part 1), base slab formwork	7d	7d	15-Apr-15	22-Apr-15	0%			Ahead Programme
BC1200-08	Box Culvert extg [middle area/north Bridge A1] - Const. of New Spill Trap(Part 1), base slab rebar fixing	7d	7d	23-Apr-15	30-Apr-15	0%			Ahead Programme
BC1200-09	Box Culvert extg [middle area/north Bridge A1] - Const. of New Spill Trap(Part 1), base slab concrete filling	7d	7d	02-May-15	09-May-15	0%			Ahead Programme
BC1200-19	Box Culvert extg [middle area/north Bridge A1] - Const. of New Spill Trap(Part 1), internal walls & beams fo	7d	7d	11-May-15	18-May-15	0%			Ahead Programme
BC1200-29	Box Culvert extg [middle area/north Bridge A1] - Const. of New Spill Trap(Part 1), internal walls & beams re	7d	7d	19-May-15	27-May-15	0%			Ahead Programme
New Carriageway & Modification of Existing Roads									
New Carriageway adjacent to HKIA [615m Approx.]									
Utilities Diversion									
Tele/COM Cable									
NCW1041-3	New carriageway [middle area] - Utilities diversion, Tele-com Cable Stage 1a & 1b - Excavation (500m of 5	9d	20d	14-Mar-14 A	17-Mar-15	96%			Behind Programme
NCW1041-4	New carriageway [middle area] - Utilities diversion, Tele-com Cable Stage 1a & 1b - Duct Laying (500m of	10d	24d	19-Mar-14 A	21-Mar-15	96%			Behind Programme
Freshwater main									
NCW1047-4	New carriageway [middle area] - Util. diversion, Freshwater main, Excavation [500m of 500m]	10d	0d	08-Jul-14 A	16-Feb-15 A	100%			Behind Programme
NCW1048-9	New carriageway [middle area] - Util. diversion, Freshwater main, Pipe Laying [500m/500m]	12d	0d	11-Jul-14 A	16-Feb-15 A	100%			Behind Programme
NCW1048-00	New carriageway [middle area] - Util. diversion, Freshwater main, diversion/connection to existing water ma	9d	9d	23-Feb-15	04-Mar-15	0%			
Seawater main									
NCW1086-44	New carriageway [middle area] - Util. diversion, Seawater main, Excavation [450m/450m]	12d	0d	06-Aug-14 A	14-Feb-15 A	100%			Behind Programme
NCW1086-61	New carriageway [middle area] - Util. diversion, Seawater main, Pipe Laying [450m/450m]	11d	0d	15-Aug-14 A	14-Feb-15 A	100%			Behind Programme
NCW1086-01	New carriageway [middle area] - Util. diversion, Seawater main, diversion/connection to existing water mair	9d	9d	23-Feb-15	04-Mar-15	0%			
Sewerage Rising Main									
NCW1087-4	New carriageway [middle area] - Util. diversion, DN500 Sewerage Rising Main, Excavation [390m/390m]	10d	7d	02-May-14 A	02-Mar-15	87%			Behind Programme
NCW1088	New carriageway [middle area] - Utilities diversion Completion	7d	7d	05-Mar-15	12-Mar-15	0%	12-Mar-15	24-Mar-15	
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)									
General Fill to Formation +5.5mPD									
RSC1108-2	Type B fill from +2.5 to formation [30,000 of 88,748m3]	14d	4d	27-Dec-14 A	26-Feb-15	96%			Behind Programme
RSC1108-3	Type B fill from +2.5 to formation [45,000 of 88,748m3]	14d	14d	27-Feb-15	14-Mar-15	0%			Behind Programme
RSC1108-4	Type B fill from +2.5 to formation [60,000 of 88,748m3]	14d	14d	16-Mar-15	31-Mar-15	0%			Behind Programme
RSC1108-14	Type B fill from +2.5 to formation [75,000 of 88,748m3]	13d	13d	01-Apr-15	18-Apr-15	0%			Behind Programme
RSC1108-5	Type B fill from +2.5 to formation [88,748 of 88,748m3]	13d	13d	20-Apr-15	05-May-15	0%	05-May-15	05 Jun-15	Behind Programme
Seawall Construction (Except Portion C & D) CH 1+400 to CH 1+850)									
SWCH 1+500 to SWCH 1+600									
RSC1165	North Area(except Portion C&D) - Seawall, Rockfill Core	7d	6d	16-Jan-15 A	28-Feb-15	90%			Behind Programme
RSC1166	North Area(except Portion C&D) - Seawall, Underlayer Rock	7d	14d	28-Jan-15 A	10-Mar-15	30%			Behind Programme
RSC1167	North Area(except Portion C&D) - Seawall, Rock armour (1st layer)	9d	9d	11-Mar-15	20-Mar-15	0%			Behind Programme
SWCH 1+600 to SWCH 1+700									
RSC1160	North Area(except Portion C&D)- Seawall, Trimming & Laying Geotextile along seawall line	16d	16d	21-Mar-15	11-Apr-15	0%			Behind Programme
RSC1161	North Area(except Portion C&D) - Seawall, Rockfill Core	7d	7d	13-Apr-15	20-Apr-15	0%			Behind Programme
RSC1162	North Area(except Portion C&D) - Seawall, Underlayer Rock	7d	7d	21-Apr-15	28-Apr-15	0%			Behind Programme
RSC1163	North Area(except Portion C&D) - Seawall, Rock armour (1st layer)	9d	9d	29-Apr-15	09-May-15	0%			Behind Programme
SWCH 1+400 to SWCH 1+500									
RSC1171	North Area(except Portion C&D)- Seawall, Trimming & Laying Geotextile along seawall line	16d	16d	21-Apr-15	09-May-15	0%			Behind Programme
RSC1181	North Area(except Portion C&D) - Seawall, Rockfill Core	7d	7d	11-May-15	18-May-15	0%			Behind Programme
RSC1191	North Area(except Portion C&D) - Seawall, Underlayer Rock	7d	7d	19-May-15	27-May-15	0%			Behind Programme
Toe Loading Platform (for Seawall & Reclamation)									
SWTL-180	North Area(except Portion C&D) - Toe Loading Platform, 1st Stage (Ch. 1+450 to 1+650)	15d	15d	17-Mar-15	02-Apr-15	0%			
SWTL-210	North Area(except Portion C&D) - Toe Loading Platform, 2nd Stage (Ch. 1+450 to 1+650)	15d	15d	07-Apr-15	23-Apr-15	0%			
SWTL-120	North Area(except Portion C&D)s - Toe Loading Platform, 1st Stage (Ch. 1+650 to 1+850)	15d	15d	24-Apr-15	12-May-15	0%			
SWTL-220	North Area(except Portion C&D)s - Toe Loading Platform, 2nd Stage (Ch. 1+650 to 1+850)	15d	15d	13-May-15	30-May-15	0%			
Surcharge									
RSC1070-1	Forming surcharge, Sub-zones 10A, 11-1, 11-2 [20,000 of 98,298m3]	12d	12d	13-May-15	27-May-15	0%			Behind Programmme
Boreholes & CPT- Stone Column Verification									
Boreholes									
RSC2000-11	North Area(except Portion C&D) - Stone Column Verification Works - Boreholes 5/13 nos.	10d	0d	13-Jan-15 A	16-Feb-15 A	100%			
RSC2000-12	North Area(except Portion C&D) - Stone Column Verification Works - Boreholes 6/13 nos.	10d	10d	28-Feb-15	11-Mar-15	0%			
RSC2000-13	North Area(except Portion C&D) - Stone Column Verification Works - Boreholes 9/13 nos.	10d	10d	12-Mar-15	23-Mar-15	0%			
RSC2000-14	North Area(except Portion C&D) - Stone Column Verification Works - Boreholes 13/13 nos.	10d	10d	24-Mar-15	07-Apr-15	0%			
CPT									
RSC2000-15	North Area(except Portion C&D) - Stone Column Verification Works - CPT 3/3 nos.	10d	10d	10-Jan-15 A	05-Mar-15	30%			
Boreholes - Band Drain Verification									
RSC2010-03	North Area(except Portion C&D) - Band Drain Verification Works - Boreholes 7/7 nos.	5d	0d	29-Jan-15 A	18-Feb-15 A	100%			
"Zone D" - Portion C & D1 From SWCH1850 to 2070 (AHR 17.5 to 20mPD)									
General Fill to Formation +5.5mPD									
RSC1145-3	Type B fill from +2.5 to formation, +5.5mPD(Portion C) [45,000 of 65,610 m3]	12d	0d	24-Sep-14 A	23-Feb-15	100%			Behind Programme
RSC1145-4	Type B fill from +2.5 to formation, +5.5mPD(Portion C)[60,000 of 65,610 m3]	11d	6d	25-Oct-14 A	28-Feb-15	91%			Behind Programme
RSC1145-5	Type B fill from +2.5 to formation, +5.5mPD(Portion C) [65,610 of 65,610 m3]	8d	8d	02-Mar-15	10-Mar-15	0%	10-Mar-15	10-Mar-15	Behind Programmme
Toe Loading Platform (for Seawall & Reclamation)									
SWTL-230	North Area (except Portion C & D) - Toe Loading Platform, 2nd stage (Ch. 1+850 to 2+020)	15d	15d	08-Jan-15 A	11-Mar-15	90%			
Surcharge									
RSC1146-6	Forming surcharge, Sub-zone 13 & 14 - Portion C, (30,000 of 53,800m3)	5d	5d	10-Mar-15	14-Mar-15	0%			Behind Programmme
RSC1146-7	Forming surcharge, Sub-zone 13 & 14 - Portion C, (35,000 of 53,800m3)	5d	5d	16-Mar-15	20-Mar-15	0%			Behind Programmme
RSC1146-8	Forming surcharge, Sub-zone 13 & 14 - Portion C, (45,000 of 53,800m3)	5d	5d	21-Mar-15	26-Mar-15	0%			Behind Programmme
RSC1146-9	Forming surcharge, Sub-zone 13 & 14 - Portion C, (53,800 of 53,800m3)	5d	5d	27-Mar-15	01-Apr-15	0%	01-Apr-15	01-Apr-15	Behind Programmme
RSC1144	Surcharge load, Sub-zone 13 & 14 (1st/4 months)	30d	30d	02-Apr-15	11-May-15	0%			Behind Programmme
RSC1148	Surcharge load, Sub-zone 13 & 14 (2nd/4 months)	30d	30d	12-May-15	16-Jun-15	0%			Behind Programmme



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

(March 2015 to May 2015)

Activity ID	Activity Name	Dur. (days)	Remaining Duration	Start	Finish	Activity % Complete	Planned Completion	DWP/RevA/10 Completion	Remarks(based on DWP/Rev.0/5)
Boreholes - Stone Column Verification									
RSC2000-16	North Area(Portion C&D) - Stone Column Verification Works - Boreholes 2/2nos.	10d	5d	31-Jan-15 A	27-Feb-15	50%			
Works in Bridge A1 & Depressed Road									
Bridge A1 - Initial Works and SI Works									
ELS									
BA1.1430-1	Bridge A1 - Stage 1 ELS - Excavation to Formation, 80m/320	11d	11d	05-May-15	16-May-15	0%			
BA1.1430-2	Bridge A1 - Stage 1 ELS - Excavation to Formation-180m/280m	11d	11d	18-May-15	30-May-15	0%			
Bridge A1 - Bridge Deck Construction (Stage 2 & Stage 3)									
Stage 2									
Base Slab and Web between Pier A1 and Pier A2									
BA1.1260-4a	BA1 Bridge Deck - Base Slab/Web Scaffold Erection, (bet. pier A1 - A2), remaining half	14d	0d	16-Dec-14 A	17-Feb-15 A	100%			Behind Programme
BA1.1260-5a	BA1 Bridge Deck - Base Slab/Web Formwork Erection (bet pier A2-A3 & pier A1-A2), remaining half	14d	3d	23-Dec-14 A	25-Feb-15	80%			Behind Programme
BA1.1260-7	BA1 Bridge Deck - Base Slab/Web Rebar Fixing, (bet. pier A1 - A2)	15d	15d	27-Jan-15 A	11-Mar-15	90%			Behind Programme
BA1.1260-9	BA1 Bridge Deck - Base Slab/Web Concreting, (bet pier A1 - A2)	1d	1d	18-Mar-15	18-Mar-15	0%			Behind Programme
Base Slab and Web between Pier A2 and Pier A3									
BA1.1260-8	BA1 Bridge Deck - Base Slab/Web Concreting, (bet. pier A2 - A3), 2nd bay	1d	1d	06-Mar-15	06-Mar-15	0%			Behind Programme
Top Slab between Pier A1 and Pier A2									
BA1.1260-11	BA1 Bridge Deck - Top Slab Scaffold Falsework and Formwork Erection, (bet. pier A1 - A2)	10d	10d	19-Mar-15	30-Mar-15	0%			Behind Programme
BA1.1260-13	BA1 Bridge Deck - Top Slab Rebar Fixng, (bet. pier A1 - A2)	10d	10d	31-Mar-15	14-Apr-15	0%			Behind Programme
BA1.1260-15	BA1 Bridge Deck - Top Slab Concreting, (bet. pier A1 - A2)	1d	1d	15-Apr-15	15-Apr-15	0%			Behind Programme
BA1.1260-8a	BA1 Bridge Deck - Top Slab Scaffold Falsework and Formwork Removal (bet. pier A1 - A2)	14d	14d	16-Apr-15	02-May-15	0%			Behind Programme
Top Slab between Pier A2 and Pier A3									
BA1.1260-10	BA1 Bridge Deck - Top Slab Scaffold Falsework and Formwork Erection, (bet. pier A2 - A3)	10d	10d	07-Mar-15	18-Mar-15	0%			Behind Programme
BA1.1260-12	BA1 Bridge Deck - Top Slab Rebar Fixng, (bet. pier A2 - A3)	10d	10d	19-Mar-15	30-Mar-15	0%			Behind Programme
BA1.1260-14	BA1 Bridge Deck - Top Slab Concreting, (bet. pier A2 - A3)	1d	1d	31-Mar-15	31-Mar-15	0%			Behind Programme
BA1.1260-16	BA1 Bridge Deck - Top Slab Scaffold Falsework and Formwork Removal (bet. pier A2 - A3)	14d	14d	01-Apr-15	20-Apr-15	0%			Behind Programme
Stage 3									
Base Slab and Web between North Abutment and Pier A3									
BA1.1260-17	BA1 Bridge Deck - Ground levelling/trimmming for Base Slab/Web Scaffold Erection, (North abut. - A3)	14d	14d	21-Apr-15	07-May-15	0%			Behind Programme
BA1.1260-18	BA1 Bridge Deck - Base Slab/Web Scaffold Erection, (North abut. - A3)	14d	14d	08-May-15	23-May-15	0%			Behind Programme
Base Slab and Web between South Abutment and Pier A1									
BA1.1260-40	BA1 Bridge Deck - Ground levelling/trimmming for Base Slab/Web Scaffold Erection, (South abut. - A1)	14d	14d	18-May-15	03-Jun-15	0%			Behind Programme
Bridge A1 - Abutment Construction									
South Abutment									
Base Slab Construction									
BA1.1030-1	BA1 South Abut. - Base Slab, Formwork Erection	5d	5d	06-Jan-15 A	27-Feb-15	80%			Behind Programme
BA1.1030-2	BA1 South Abut. - Base Slab, Rebar Fixing	10d	10d	08-Jan-15 A	05-Mar-15	80%			Behind Programme
BA1.1030-3	BA1 South Abut. - Base Slab, Concreting	1d	1d	04-Feb-15 A	06-Mar-15	80%			Behind Programme
BA1.1030-4	BA1 South Abut. - Base Slab, Formwork Removal	2d	2d	07-Mar-15	09-Mar-15	0%			Behind Programme
Wall Construction (Lower Part)									
BA1.1020-1	BA1 South Abut. - Wall Constuction (lower part), Scaffold Erection	10d	10d	10-Mar-15	20-Mar-15	0%			Behind Programme
BA1.1020-2	BA1 South Abut. - Wall Constuction (lower part), Formwork Erection	14d	14d	21-Mar-15	09-Apr-15	0%			Behind Programme
BA1.1020-3	BA1 South Abut. - Wall Constuction (lower part), Rebar Fixing	14d	14d	10-Apr-15	25-Apr-15	0%			Behind Programme
BA1.1020-4	BA1 South Abut. - Wall Constuction (lower part), Concreting	1d	1d	27-Apr-15	27-Apr-15	0%			Behind Programme
BA1.1020-5	BA1 South Abut. - Wall Constuction (lower part), Formwork Removal	4d	4d	28-Apr-15	02-May-15	0%			Behind Programme
Wall Construction (Upper Part)									
BA1.1020-6	BA1 South Abut. - Wall Constuction (upper part), Formwork Erection	2d	2d	04-May-15	05-May-15	0%			Behind Programme
BA1.1020-7	BA1 South Abut. - Wall Constuction (upper part), Rebar Fixing	3d	3d	06-May-15	08-May-15	0%			Behind Programme
BA1.1020-8	BA1 South Abut. - Wall Constuction (lupper part), Concreting	1d	1d	09-May-15	09-May-15	0%			Behind Programme
BA1.1020-9	BA1 South Abut. - Wall Constuction (upper part), Formwork Removal	1d	1d	11-May-15	11-May-15	0%			Behind Programme
BA1.1020-10	BA1 South Abut. - Wall Constuction (upper part), Scaffold Removal	5d	5d	12-May-15	16-May-15	0%			Behind Programme
BA1.1020-30	BA1 South Abut. - Plinths, Bearing installation	4d	4d	18-May-15	21-May-15	0%	21-May-15	03-Jul-15	Behind Programme
North Abutment									
Wall Construction (Lower Part)									
BA1.1020-11	BA1 North Abut. - Wall Constuction (lower part), Scaffold Erection	10d	10d	02-Mar-15	12-Mar-15	0%			Behind Programme
BA1.1020-12	BA1 North Abut. - Wall Constuction (lower part), Formwork Erection	7d	7d	13-Mar-15	20-Mar-15	0%			Behind Programme
BA1.1020-13	BA1 North Abut. - Wall Constuction (lower part), Rebar Fixing	7d	7d	21-Mar-15	28-Mar-15	0%			Behind Programme
BA1.1020-14	BA1 North Abut. - Wall Constuction (lower part), Concreting	1d	1d	30-Mar-15	30-Mar-15	0%			Behind Programme
BA1.1020-15	BA1 North Abut. - Wall Constuction (lower part), Formwork Removal	4d	4d	31-Mar-15	07-Apr-15	0%			Behind Programme
Wall Construction (Upper Part)									
BA1.1020-16	BA1 North Abut. - Wall Constuction (upper part), Formwork Erection	2d	2d	08-Apr-15	09-Apr-15	0%			Behind Programme
BA1.1020-17	BA1 North Abut. - Wall Constuction (upper part), Rebar Fixing	3d	3d	10-Apr-15	13-Apr-15	0%			Behind Programme
BA1.1020-18	BA1 North Abut. - Wall Constuction (lupper part), Concreting	1d	1d	14-Apr-15	14-Apr-15	0%			Behind Programme
BA1.1020-19	BA1 North Abut. - Wall Constuction (upper part), Formwork Removal	1d	1d	15-Apr-15	15-Apr-15	0%			Behind Programme
BA1.1020-40	BA1 North Abut. - Plinths, Bearing installation	4d	4d	16-Apr-15	20-Apr-15	0%	20-Apr-15	20-April-15	Behind Programme
BA1.1020-20	BA1 North Abut. - Wall Constuction (upper part), Scaffold Removal	5d	5d	15-May-15	20-May-15	0%	14-Apr-15	15-Apr-15	Behind Programme
Bridge A1 - Post-Tensioning									
BA1.1370	Bridge A1 Deck - Initial stressing works (bet. pier A2 - A3)	10d	10d	21-Apr-15	29-Apr-15	0%			Behind Programme
BA1.1380	Bridge A1 Deck - Initial stressing works (bet. pier A1 - A2)	10d	10d	04-May-15	12-May-15	0%			Behind Programme
Modification of Retaining Wall (at South of Tung Fai Road)									
Construction of New Retaining Wall (PART A)									
Bay 6									
RW1070	New retaining wall - Construction of Parapet	4d	4d	24-Apr-15	28-Apr-15	0%			
Bay 7									
RW1100	New retaining wall - Construction of Parapet	4d	4d	29-Apr-15	04-May-15	0%			
Bay 8									
RW1130	New retaining wall - Construction of Parapet	4d	4d	05-May-15	08-May-15	0%			
Bay 9									
RW1160	New retaining wall - Construction of Parapet	4d	4d	09-May-15	13-May-15	0%			
Modification of Retaining Wall (Part B & C)									
Bay 1									
RW1190	Modification of retaining wall - Mass concrete with top slab	14d	14d	18-Mar-15	02-Apr-15	0%			
RW1200	Modification of retaining wall - Parapet	4d	4d	07-Apr-15	10-Apr-15	0%			
Bay 2									
RW1250	Modification of retaining wall - Mass concrete with top slab	14d	14d	07-Apr-15	22-Apr-15	0%			
RW1260	Modification of retaining wall - Parapet	4d	4d	23-Apr-15	27-Apr-15	0%			
Bay 3									
RW1270	Modification of retaining wall - Mass concrete with top slab	14d	14d	23-Apr-15	09-May-15	0%			
RW1280	Modification of retaining wall - Parapet	4d	4d	11-May-15	14-May-15	0%	14-May-15	16-May-15	
Bay 4									
RW1310	Modification of retaining wall - Wall Stem	15d	15d	19-Jan-15 A	11-Mar-15	10%			
RW1320	Modification of retaining wall - Top Slab	6d	6d	12-Mar-15	18-Mar-15	0%			
RW1330	Modification of retaining wall - Parapet	4d	4d	19-Mar-15	23-Mar-15	0%			
Bay 5									
RW1380	Modification of retaining wall - Wall Stem	10d	10d	29-Jan-15 A	05-Mar-15	5%			
RW1390	Modification of retaining wall - Top Slab	6d	6d	06-Mar-15	12-Mar-15	0%			
RW1410	Modification of retaining wall - Parapet	4d	4d	13-Mar-15	17-Mar-15	0%			
Utility Culvert No.1									
Utility Culvert No. 1 Ext. across the road leading to Cheong Hong Road [48m Approx.]									
UC1.1100	Util. Culvert No. 1 Ext. - Backfilling	4d	15d	05-Nov-14 A	11-Mar-15	57%			Behind Programme
UC1.1101	Util. Culvert No. 1 Ext. - Culvert structure, removal/breaking of concrete structure inside UC1	5d	5d	10-Feb-15 A	27-Feb-15	13%			Behind Programme
UC1.1091	Util. Culvert No. 1 Ext. - Culvert structure, installation of watermain inside UC1	5d	5d	23-Feb-15	27-Feb-15	0%			Behind Programme
UC1.1092	Util. Culvert No. 1 Ext. - Culvert structure, installation of other utilities inside UC1	5d	5d	28-Feb-15	05-Mar-15	0%			Behind Programme
UC1.1110	Utility Culvert No. 1 Extension Complete	0d	0d		05-Mar-15	0%	05-Mar-15	23-Apr-15	Behind Programme
Utility Culvert No.3									
New Utility Culvert No. 3 adjacent to HKIA [160m Approx.]									
UC3.1212	New Util. Culvert No. 3 - Rock Excavation, 360/2,880m3	15d	0d	07-Dec-14 A	13-Feb-15 A	100%			Behind Programme
UC3.1213	New Util. Culvert No. 3 - Rock Excavation + lateral supports 720/2,880m3	15d	5d	14-Feb-15 A	27-Feb-15	94%			Behind Programme
UC3.1322	New Util. Culvert No. 3 - Culvert structure - Base Slab 1st 30m	14d	14d	14-Feb-15 A	10-Mar-15	33%			Behind Programme

FILE: 3M34 (Rev.00)

Sheet 7 of 7

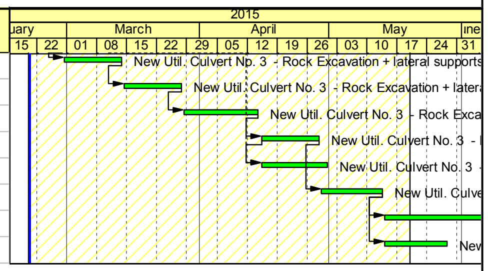
3-Months Rolling Programme (ER Part 5 & SCC 27(9))

(March 2015 to May 2015)

Layout HZMB - Layout 1 (3M Rolling Prog)(3M34)

TASK filters: 3m34, HZMB No Level Effort.

Activity ID	Activity Name	Dur. (days)	Remaining Duration	Start	Finish	Activity % Complete	Planned Completion	DWP/RevA/10 Completion	Remarks(based on DWP/Rev.0/5)
UC3.1214	New Util. Culvert No. 3 - Rock Excavation + lateral supports, 810/2,880m3	12d	12d	28-Feb-15	13-Mar-15	0%			Behind Programme
UC3.1215	New Util. Culvert No. 3 - Rock Excavation + lateral supports, 900/2,880m3	12d	12d	14-Mar-15	27-Mar-15	0%			Behind Programme
UC3.1216	New Util. Culvert No. 3 - Rock Excavation + lateral supports, 990/2,880m3	12d	12d	28-Mar-15	14-Apr-15	0%			Behind Programme
UC3.1217	New Util. Culvert No. 3 - Rock Excavation + lateral supports, 1,080/2,880m3	12d	12d	15-Apr-15	28-Apr-15	0%			Behind Programme
UC3.1332	New Util. Culvert No. 3 - Culvert structure - Base Slab 2nd 30m	14d	14d	15-Apr-15	30-Apr-15	0%			
UC3.1218	New Util. Culvert No. 3 - Rock Excavation + lateral supports, 1,170/2,880m3	12d	12d	29-Apr-15	13-May-15	0%	18-Jan-16	18-Jan-16	Behind Programme
UC3.1282	New Util. Culvert No. 3 - Culvert structure - Base Slab - Remaining 100m	45d	45d	14-May-15	08-Jul-15	0%			
UC3.1219	New Util. Culvert No. 3 - Rock Excavation + lateral supports, 1,260/2,880m3	12d	12d	14-May-15	28-May-15	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. : C144277
證書編號

ITEM TESTED / 送檢項目 (Job No. / 序引編號 : IC14-1753) Date of Receipt / 收件日期 : 14 July 2014

Description / 儀器名稱	:	Acoustical Calibrator
Manufacturer / 製造商	:	Brüel & Kjær
Model No. / 型號	:	4231
Serial No. / 編號	:	3004068
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 : 19 July 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 : 22 July 2014

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

Certificate of Calibration
校正證書

Certificate No. : C144277
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	C143868
CL281	Multifunction Acoustic Calibrator	DC130171
TST150A	Measuring Amplifier	C141558

4. Test procedure : MA100N.

5. Results :

5.1 Sound Level Accuracy

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

5.2 Frequency Accuracy

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

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

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

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

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

Certificate of Calibration
校正證書

Certificate No. : C144278
證書編號

ITEM TESTED / 送檢項目 (Job No. / 序引編號 : IC14-1753) Date of Receipt / 收件日期 : 14 July 2014

Description / 儀器名稱	:	Integrating Sound Level Meter
Manufacturer / 製造商	:	Brüel & Kjær
Model No. / 型號	:	2238
Serial No. / 編號	:	2800932
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 : 19 July 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 : 22 July 2014

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

Certificate of Calibration
校正證書

Certificate No. : C144278
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 the B & K Acoustic Calibrator 4231, S/N : 3004068 was performed before the test.

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	C140016
CL281	Multifunction Acoustic Calibrator	DC130171

5. Test procedure : MA101N.

6. Results :

6.1 Sound Pressure Level

6.1.1 Reference Sound Pressure Level

UUT Setting				Applied Value		UUT	IEC 60651
Range (dB)	Parameter	Frequency Weighting	Time Weighting	Level (dB)	Freq. (kHz)	Reading (dB)	Type 1 Spec. (dB)
50 - 130	L_{AFP}	A	F	94.00	1	94.0	± 0.7

6.1.2 Linearity

UUT Setting				Applied Value		UUT
Range (dB)	Parameter	Frequency Weighting	Time Weighting	Level (dB)	Freq. (kHz)	Reading (dB)
50 - 130	L_{AFP}	A	F	94.00	1	94.0 (Ref.)
				104.00		104.0
				114.00		114.0

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

6.2 Time Weighting

6.2.1 Continuous Signal

UUT Setting				Applied Value		UUT	IEC 60651
Range (dB)	Parameter	Frequency Weighting	Time Weighting	Level (dB)	Freq. (kHz)	Reading (dB)	Type 1 Spec. (dB)
50 - 130	L_{AFP}	A	F	94.00	1	94.0	Ref.
	L_{ASP}		S			94.0	± 0.1
	L_{AIP}		I			94.1	± 0.1

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Certificate of Calibration
校正證書

Certificate No. : C144278
證書編號

6.2.2 Tone Burst Signal (2 kHz)

UUT Setting				Applied Value		UUT	IEC 60651
Range (dB)	Parameter	Frequency Weighting	Time Weighting	Level (dB)	Burst Duration	Reading (dB)	Type 1 Spec. (dB)
30 - 110	L_{AFP}	A	F	106.0	Continuous	106.0	Ref.
	L_{AFMax}				200 ms	105.0	-1.0 ± 1.0
	L_{ASP}		S		Continuous	106.0	Ref.
	L_{ASMax}				500 ms	102.1	-4.1 ± 1.0

6.3 Frequency Weighting

6.3.1 A-Weighting

UUT Setting				Applied Value		UUT	IEC 60651
Range (dB)	Parameter	Frequency Weighting	Time Weighting	Level (dB)	Freq.	Reading (dB)	Type 1 Spec. (dB)
50 - 130	L_{AFP}	A	F	94.00	31.5 Hz	54.7	-39.4 ± 1.5
					63 Hz	67.8	-26.2 ± 1.5
					125 Hz	77.8	-16.1 ± 1.0
					250 Hz	85.3	-8.6 ± 1.0
					500 Hz	90.7	-3.2 ± 1.0
					1 kHz	94.0	Ref.
					2 kHz	95.2	+1.2 ± 1.0
					4 kHz	95.0	+1.0 ± 1.0
					8 kHz	92.8	-1.1 (+1.5 ; -3.0)
					12.5 kHz	89.7	-4.3 (+3.0 ; -6.0)

6.3.2 C-Weighting

UUT Setting				Applied Value		UUT	IEC 60651
Range (dB)	Parameter	Frequency Weighting	Time Weighting	Level (dB)	Freq.	Reading (dB)	Type 1 Spec. (dB)
50 - 130	L_{CFP}	C	F	94.00	31.5 Hz	91.1	-3.0 ± 1.5
					63 Hz	93.2	-0.8 ± 1.5
					125 Hz	93.8	-0.2 ± 1.0
					250 Hz	94.0	0.0 ± 1.0
					500 Hz	94.0	0.0 ± 1.0
					1 kHz	94.0	Ref.
					2 kHz	93.8	-0.2 ± 1.0
					4 kHz	93.1	-0.8 ± 1.0
					8 kHz	90.9	-3.0 (+1.5 ; -3.0)
					12.5 kHz	87.7	-6.2 (+3.0 ; -6.0)

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Certificate of Calibration
校正證書

Certificate No. : C144278
證書編號

6.4 Time Averaging

UUT Setting				Applied Value					UUT	IEC 60804
Range (dB)	Parameter	Frequency Weighting	Integrating Time	Frequency (kHz)	Burst Duration (ms)	Burst Duty Factor	Burst Level (dB)	Equivalent Level (dB)	Reading (dB)	Type 1 Spec. (dB)
30 - 110	L_{Aeq}	A	10 sec.	4	1	1/10	110.0	100	99.9	± 0.5
						$1/10^2$		90	89.7	± 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 : 2793199

- 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 - 4kHz	: ± 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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TISCH Environmental

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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)		Va	(x axis) Qa	(y axis)
1.0103	0.6854	1.4245		0.9958	0.6755	0.8791
1.0061	0.9730	2.0146		0.9916	0.9590	1.2433
1.0040	1.0866	2.2524		0.9895	1.0709	1.3900
1.0028	1.1370	2.3623		0.9884	1.1206	1.4579
0.9976	1.3722	2.8491		0.9832	1.3524	1.7583

Qstd slope (m) = 2.07593		Qa slope (m) = 1.29991	
intercept (b) = -0.00102		intercept (b) = -0.00063	
coefficient (r) = 0.99996		coefficient (r) = 0.99996	

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

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

CALCULATIONS

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

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

For subsequent flow rate calculations:

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

ENVIROTECH SERVICES CO.

High-Volume TSP Sampler
5-Point Calibration Record

Location : **AMS5(Ma Wan Chung Village)**
Calibrated by : **K.F.Ho**
Date : **28/01/2015**

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) : **1089**
Ta(K) : **291**

Resistance Plate		dH [green liquid] (inch water)	Z	X=Qstd (cubic meter/min)	IC	Y
1	18 holes	12.6	3.601	1.735	57	57.82
2	13 holes	10.2	3.240	1.561	53	53.77
3	10 holes	7.8	2.833	1.365	47	47.68
4	7 holes	5.5	2.379	1.147	41	41.59
5	5 holes	3.5	1.898	0.915	35	35.51

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):27.647 Intercept(b): 10.101 **Correlation Coefficient(r): 0.9994**

Checked by: Magnum Fan **Date: 31/01/2015**

ENVIROTECH SERVICES CO.
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High-Volume TSP Sampler
5-Point Calibration Record

Location	**:**	**AMS5(Ma Wan Chung Village)**
Calibrated by	**:**	**K.F.Ho**
Date	**:**	**16/03/2015**

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)	**:**	**1016**
Ta(K)	**:**	**295**

Resistance Plate		dH [green liquid] (inch water)	Z	X=Qstd (cubic meter/min)	IC	Y
1	18 holes	11.6	3.428	1.652	54	54.35
2	13 holes	9.1	3.036	1.463	48	48.31
3	10 holes	6.8	2.625	1.265	42	42.28
4	7 holes	4.2	2.063	0.994	33	33.22
5	5 holes	2.7	1.654	0.797	27	27.18

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):31.907 Intercept(b): 1.686 **Correlation Coefficient(r): 0.9999**

Checked by: Magnum Fan **Date: 18/03/2015**

ENVIROTECH SERVICES CO.

High-Volume TSP Sampler
5-Point Calibration Record

Location	**:**	**AMS6(Dragonair Building)**
Calibrated by	**:**	**P.F.Yeung**
Date	**:**	**14/01/2015**

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)	**:**	**1022**
Ta(K)	**:**	**288**

Resistance Plate		dH [green liquid] (inch water)	Z	X=Qstd (cubic meter/min)	IC	Y
1	18 holes	11.2	3.419	1.648	56	57.22
2	13 holes	9.5	3.149	1.517	51	52.11
3	10 holes	7.0	2.703	1.303	45	45.98
4	7 holes	4.5	2.167	1.045	36	36.78
5	5 holes	2.8	1.710	0.824	28	28.61

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):34.219 Intercept(b): 0.773 Correlation Coefficient(r): 0.9991

Checked by: Magnum Fan Date: 18/01/2015

ENVIROTECH SERVICES CO.

High-Volume TSP Sampler
5-Point Calibration Record

Location	**:**	**AMS6(Dragonair Building)**
Calibrated by	**:**	**P.F.Yeung**
Date	**:**	**10/03/2015**

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)	**:**	**1022**
Ta(K)	**:**	**291**

Resistance Plate		dH [green liquid] (inch water)	Z	X=Qstd (cubic meter/min)	IC	Y
1	18 holes	11.5	3.447	1.661	56	56.92
2	13 holes	9.4	3.117	1.502	51	51.84
3	10 holes	7.0	2.690	1.296	45	45.74
4	7 holes	4.5	2.156	1.039	36	36.59
5	5 holes	2.8	1.701	0.820	28	28.46

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):33.732 Intercept(b): 1.290 **Correlation Coefficient(r): 0.9991**

Checked by: Magnum Fan **Date: 15/03/2015**

EQUIPMENT CALIBRATION RECORD

Type :	Laser Dust Monitor
Manufacturer / Brand :	SIBATA
Model No.:	LD-3B
Equipment No.:	LD-3B-001
Serial No.:	934393
Sensitivity Adjustment Scale Setting :	640 CPM
Last Calibration Date	11/10/2013

Standard Equipment

Equipment :	MFC High Volume Air Sampler
Venue :	Tung Chung Development Pier
Model No.:	TE-5170 Total Suspended Particulate
Serial No.:	3641

Calibration Result

Sensitivity Adjustment Scale Setting (Before Calibration) :	640 CPM
Sensitivity Adjustment Scale Setting (After Calibration) :	640 CPM

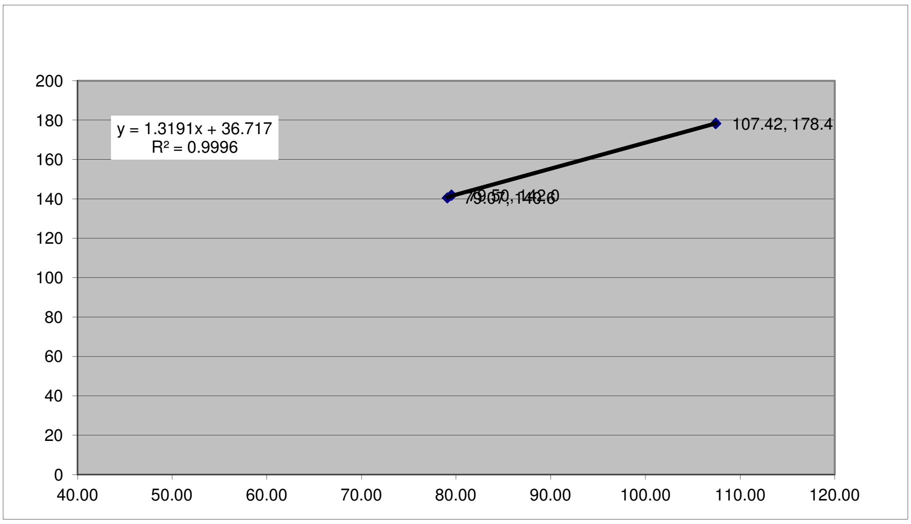
Hour	Date (dd-mmm-yy)	Time		Ambient Condition		Concentration (ug/m^3) Y-axis	Total Count	Count/Minute X-axis
				Temp (^{o}C)	R.H. (%)			
1	23-Sep-14	14:00	15:00	30	72%	178.4	6445	107.42
2	23-Sep-14	15:35	16:35	30	72%	140.6	4744	79.07
3	23-Sep-14	16:43	17:43	30	72%	142.0	4770	79.50

Be Linear Regression of Y or X

Slope (K-factor): 1.3191

Correlation coefficient : 0.9996

Remark:



Recorded by:	Billy Lao	Signature:	Billy	Date:	29/09/2014
Checked by:	Keith Chau	Signature:		Date:	29/09/2014

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www.alsglobal.com

REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION

CONTACT:	MR MIKE SHEK	**WORK ORDER:**	HK1504531
CLIENT:	AECOM ASIA COMPANY LIMITED	**SUB-BATCH:**	0
ADDRESS:	1501-10, 15/F, TOWER 1, GRAND CENTRAL PLAZA, 138 SHATIN RURAL COMMITTEE ROAD, SHATIN, NEW TERRITORIES, HONG KONG	**LABORATORY:**	HONG KONG
		DATE RECEIVED:	05/02/2015
		DATE OF ISSUE:	07/02/2015

COMMENTS

The performance of the equipment stated in this report is checked with independent reference material and results compared against a calibrated secondary source.
The “Tolerance Limit” quoted is the acceptance criteria applicable for similar equipment used by the ALS Hong Kong laboratory or quoted from relevant international standards.
The “Next Calibration Date” is recommended according to best practice principals as practised by the ALS Hong Kong laboratory or quoted from relevant international standards.

Scope of Test:	Conductivity, Temperature ,Dissolved Oxygen, Salinity, pH and Turbidity
Description:	Multifunctional Meter
Brand Name:	YSI
Model No.:	6820 V2
Serial No.:	12A101545
Equipment No.:	W.026.35
Date of Calibration:	05 February, 2015

NOTES

This is the Final Report and supersedes any preliminary report with this batch number.
Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release.

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

REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION

Work Order: HK1504531
Sub-batch: 0
Date of Issue: 07/02/2015
Client: AECOM ASIA COMPANY LIMITED

Description: Multifunctional Meter
Brand Name: YSI
Model No.: 6820 V2
Serial No.: 12A101545
Equipment No.: W.026.35
Date of Calibration: 05 February, 2015 Date of next Calibration: 05 May, 2015

Parameters:

Conductivity **Method Ref: APHA (21th edition), 2510B**

Expected Reading (uS/cm)	Displayed Reading (uS/cm)	Tolerance (%)
146.9	147.7	+0.5
6667	6600	-1.0
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)
3.50	3.40	-0.10
5.85	5.88	+0.03
7.70	7.65	-0.05
	Tolerance Limit (mg/L)	±0.20

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)
12.5	12.45	-0.1
25.0	25.02	+0.0
39.0	38.91	-0.1
	Tolerance Limit (°C)	±2.0

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

R.W.

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

REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION

Work Order: HK1504531
Sub-batch: 0
Date of Issue: 07/02/2015
Client: AECOM ASIA COMPANY LIMITED

Description: Multifunctional Meter
Brand Name: YSI
Model No.: 6820 V2
Serial No.: 12A101545
Equipment No.: W.026.35
Date of Calibration: 05 February, 2015 Date of next Calibration: 05 May, 2015

Parameters:

Salinity

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

Expected Reading (g/L)	Displayed Reading (g/L)	Tolerance (%)
0	0.00	--
10	9.95	-0.5
20	19.62	-1.9
30	29.56	-1.5
	Tolerance Limit (%)	±10.0

Turbidity

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

Expected Reading (NTU)	Displayed Reading (NTU)	Tolerance (%)
0	0.0	--
4	3.9	-2.5
10	9.6	-4.0
20	19.7	-1.5
50	49.4	-1.2
100	99.1	-0.9
	Tolerance Limit (%)	±10.0

pH Value

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

Expected Reading (pH Unit)	Displayed Reading (pH Unit)	Tolerance (pH unit)
4.0	4.02	+0.02
7.0	7.03	+0.03
10.0	10.02	+0.02
	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
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REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION

CONTACT:	MR MIKE SHEK	**WORK ORDER:**	HK1504530
CLIENT:	AECOM ASIA COMPANY LIMITED	**SUB-BATCH:**	0
ADDRESS:	1501-10, 15/F, TOWER 1, GRAND CENTRAL PLAZA, 138 SHATIN RURAL COMMITTEE ROAD, SHATIN, NEW TERRITORIES, HONG KONG	**LABORATORY:**	HONG KONG
		DATE RECEIVED:	05/02/2015
		DATE OF ISSUE:	07/02/2015

COMMENTS

The performance of the equipment stated in this report is checked with independent reference material and results compared against a calibrated secondary source.
The "Tolerance Limit" quoted is the acceptance criteria applicable for similar equipment used by the ALS Hong Kong laboratory or quoted from relevant international standards.
The "Next Calibration Date" is recommended according to best practice principals as practised by the ALS Hong Kong laboratory or quoted from relevant international standards.

Scope of Test:	Conductivity, Temperature ,Dissolved Oxygen, Salinity, pH and Turbidity
Description:	Multifunctional Meter
Brand Name:	YSI
Model No.:	6820 V2
Serial No.:	12D100972
Equipment No.:	W.026.36
Date of Calibration:	05 February, 2015

NOTES

This is the Final Report and supersedes any preliminary report with this batch number.
Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release.

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

REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION

Work Order: HK1504530
Sub-batch: 0
Date of Issue: 07/02/2015
Client: AECOM ASIA COMPANY LIMITED

Description: Multifunctional Meter
Brand Name: YSI
Model No.: 6820 V2
Serial No.: 12D100972
Equipment No.: W.026.36
Date of Calibration: 05 February, 2015 Date of next Calibration: 05 May, 2015

Parameters:

Conductivity **Method Ref: APHA (21th edition), 2510B**

Expected Reading (uS/cm)	Displayed Reading (uS/cm)	Tolerance (%)
146.9	145.0	-1.3
6667	6640	-0.4
12890	12800	-0.7
58670	58850	+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)
3.50	3.44	-0.06
5.85	5.81	-0.04
7.70	7.66	-0.04
	Tolerance Limit (mg/L)	±0.20

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)
12.5	12.53	+0.0
25.0	25.05	+0.1
39.0	38.85	-0.1
	Tolerance Limit (°C)	±2.0

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: HK1504530
Sub-batch: 0
Date of Issue: 07/02/2015
Client: AECOM ASIA COMPANY LIMITED

Description: Multifunctional Meter
Brand Name: YSI
Model No.: 6820 V2
Serial No.: 12D100972
Equipment No.: W.026.36
Date of Calibration: 05 February, 2015 Date of next Calibration: 05 May, 2015

Parameters:

Salinity

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

Expected Reading (g/L)	Displayed Reading (g/L)	Tolerance (%)
0	0.00	--
10	9.98	-0.2
20	20.03	+0.2
30	30.05	+0.2
	Tolerance Limit (%)	±10.0

Turbidity

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

Expected Reading (NTU)	Displayed Reading (NTU)	Tolerance (%)
0	0.0	--
4	4.1	+2.5
10	9.7	-3.0
20	20.2	+1.0
50	50.5	+1.0
100	100.6	+0.6
	Tolerance Limit (%)	±10.0

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	7.03	+0.03
10.0	9.95	-0.05
	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

APPENDIX D

Monitoring Schedule

Mar-15

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

Remarks:
(1) Due to boat availability issue, the dolphin monitoring schedule was rescheduled from 9 Mar 2015 to 11 Mar 2015 and from 23 Mar to 26 Mar 2015.
(2) Due to change of tide pattern and weather condition, mudflat monitoring (ecology) was rescheduled from 24 Mar to 20 Mar 2015.

Apr-15

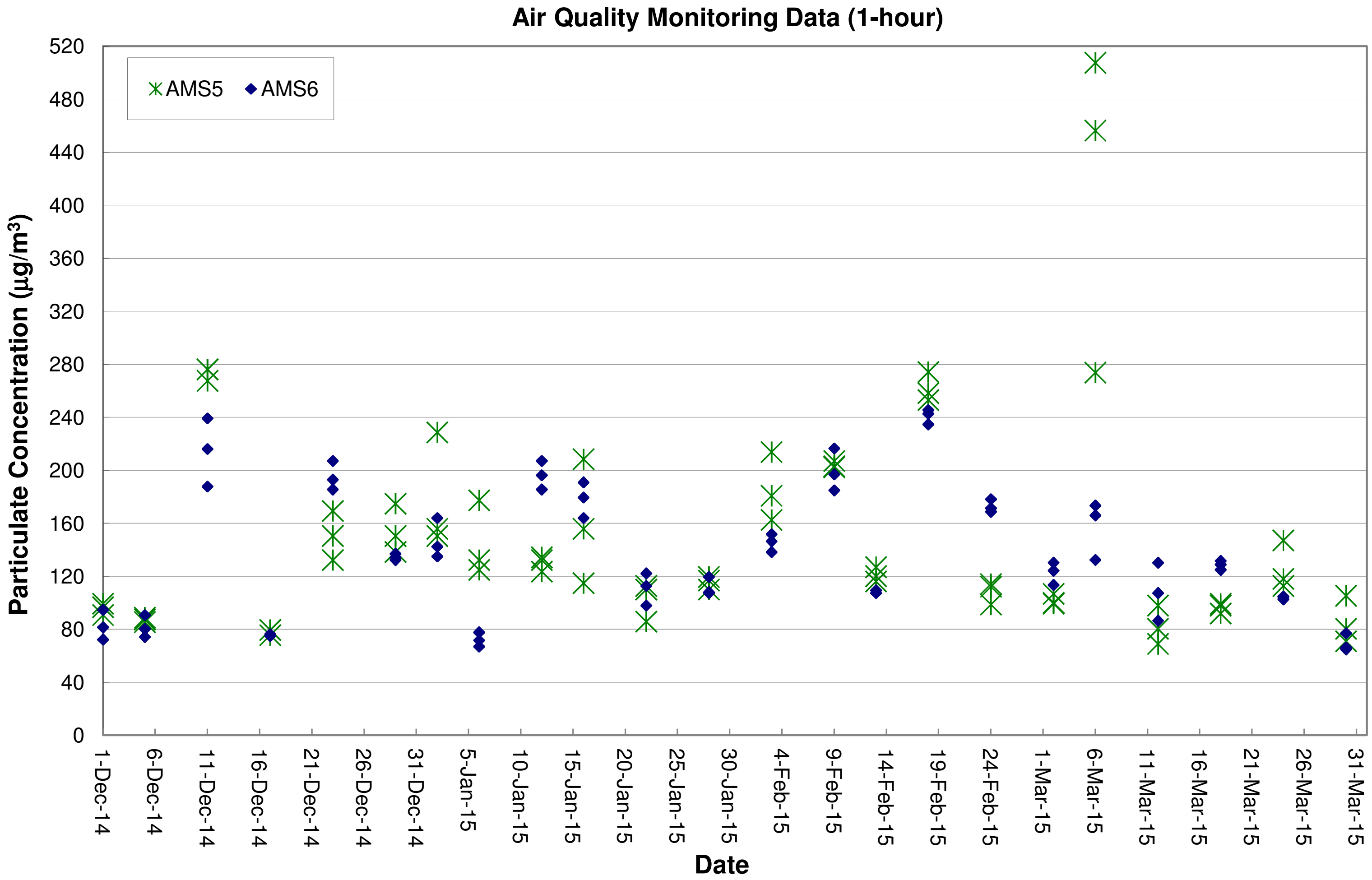
	Monday	Tueday	Wednesday	Thursday	Friday	Saturday	Sunday
Time			1-Apr	2-Apr	3-Apr	4-Apr	5-Apr
			AMS6/AMS5 - 24hr Dust Water Quality Monitoring	AMS6-1hr AMS5-1hr	Holiday Water Quality Monitoring	Holiday	
Time	6-Apr	7-Apr	8-Apr	9-Apr	10-Apr	11-Apr	12-Apr
	Holiday Water Quality Monitoring	Holiday	AMS6-1hr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

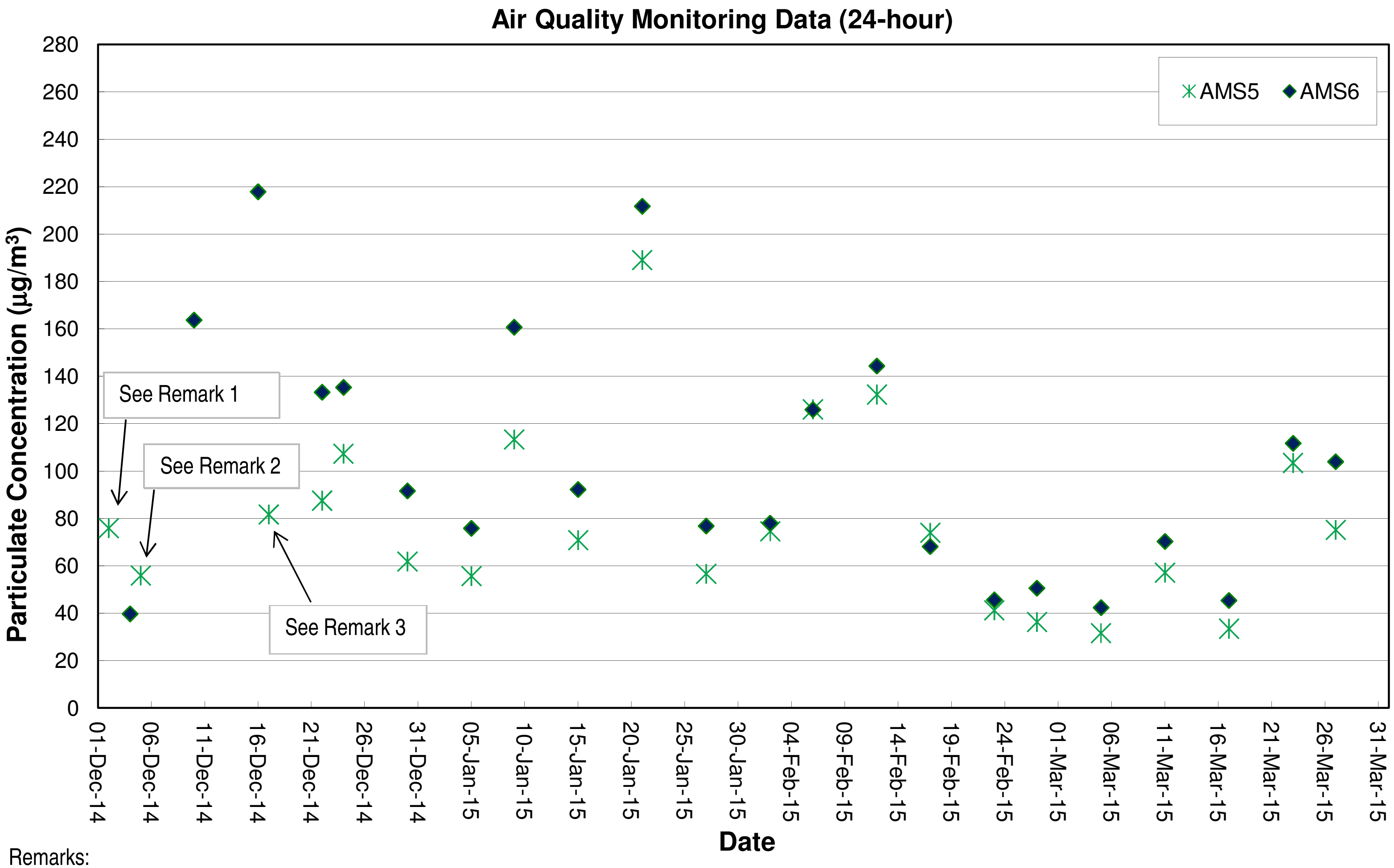
APPENDIX E

Monitoring Data

Project	Works	Date (yyyy-mm-dd)	Station	Time	Parameter	Results	Unit
HKLR	HY/2011/03	2015-03-02	AMS5	09:33	1-hr TSP	107	ug/m^3
HKLR	HY/2011/03	2015-03-02	AMS5	10:33	1-hr TSP	100	ug/m^3
HKLR	HY/2011/03	2015-03-02	AMS5	11:33	1-hr TSP	99	ug/m^3
HKLR	HY/2011/03	2015-03-06	AMS5	13:21	1-hr TSP	274	ug/m^3
HKLR	HY/2011/03	2015-03-06	AMS5	14:21	1-hr TSP	456	ug/m^3
HKLR	HY/2011/03	2015-03-06	AMS5	15:21	1-hr TSP	508	ug/m^3
HKLR	HY/2011/03	2015-03-12	AMS5	09:33	1-hr TSP	69	ug/m^3
HKLR	HY/2011/03	2015-03-12	AMS5	10:33	1-hr TSP	80	ug/m^3
HKLR	HY/2011/03	2015-03-12	AMS5	11:33	1-hr TSP	98	ug/m^3
HKLR	HY/2011/03	2015-03-18	AMS5	13:34	1-hr TSP	92	ug/m^3
HKLR	HY/2011/03	2015-03-18	AMS5	14:34	1-hr TSP	98	ug/m^3
HKLR	HY/2011/03	2015-03-18	AMS5	15:34	1-hr TSP	99	ug/m^3
HKLR	HY/2011/03	2015-03-24	AMS5	09:27	1-hr TSP	147	ug/m^3
HKLR	HY/2011/03	2015-03-24	AMS5	10:27	1-hr TSP	118	ug/m^3
HKLR	HY/2011/03	2015-03-24	AMS5	11:27	1-hr TSP	113	ug/m^3
HKLR	HY/2011/03	2015-03-30	AMS5	13:36	1-hr TSP	71	ug/m^3
HKLR	HY/2011/03	2015-03-30	AMS5	14:36	1-hr TSP	80	ug/m^3
HKLR	HY/2011/03	2015-03-30	AMS5	15:36	1-hr TSP	105	ug/m^3
HKLR	HY/2011/03	2015-03-05	AMS5	08:00	24-hr TSP	32	ug/m^3
HKLR	HY/2011/03	2015-03-11	AMS5	08:00	24-hr TSP	57	ug/m^3
HKLR	HY/2011/03	2015-03-17	AMS5	08:00	24-hr TSP	33	ug/m^3
HKLR	HY/2011/03	2015-03-23	AMS5	08:00	24-hr TSP	103	ug/m^3
HKLR	HY/2011/03	2015-03-27	AMS5	08:00	24-hr TSP	75	ug/m^3
HKLR	HY/2011/03	2015-03-02	AMS6	13:16	1-hr TSP	114	ug/m^3
HKLR	HY/2011/03	2015-03-02	AMS6	14:16	1-hr TSP	124	ug/m^3
HKLR	HY/2011/03	2015-03-02	AMS6	15:16	1-hr TSP	130	ug/m^3
HKLR	HY/2011/03	2015-03-06	AMS6	09:31	1-hr TSP	173	ug/m^3
HKLR	HY/2011/03	2015-03-06	AMS6	14:16	1-hr TSP	166	ug/m^3
HKLR	HY/2011/03	2015-03-06	AMS6	15:16	1-hr TSP	132	ug/m^3
HKLR	HY/2011/03	2015-03-12	AMS6	13:14	1-hr TSP	87	ug/m^3
HKLR	HY/2011/03	2015-03-12	AMS6	14:16	1-hr TSP	107	ug/m^3
HKLR	HY/2011/03	2015-03-12	AMS6	15:16	1-hr TSP	130	ug/m^3
HKLR	HY/2011/03	2015-03-18	AMS6	08:19	1-hr TSP	129	ug/m^3
HKLR	HY/2011/03	2015-03-18	AMS6	09:19	1-hr TSP	132	ug/m^3
HKLR	HY/2011/03	2015-03-18	AMS6	10:19	1-hr TSP	125	ug/m^3
HKLR	HY/2011/03	2015-03-24	AMS6	13:33	1-hr TSP	105	ug/m^3
HKLR	HY/2011/03	2015-03-24	AMS6	14:33	1-hr TSP	105	ug/m^3
HKLR	HY/2011/03	2015-03-24	AMS6	15:33	1-hr TSP	103	ug/m^3
HKLR	HY/2011/03	2015-03-30	AMS6	09:24	1-hr TSP	77	ug/m^3
HKLR	HY/2011/03	2015-03-30	AMS6	10:24	1-hr TSP	66	ug/m^3
HKLR	HY/2011/03	2015-03-30	AMS6	11:24	1-hr TSP	65	ug/m^3
HKLR	HY/2011/03	2015-03-05	AMS6	08:00	24-hr TSP	42	ug/m^3
HKLR	HY/2011/03	2015-03-11	AMS6	08:00	24-hr TSP	70	ug/m^3
HKLR	HY/2011/03	2015-03-17	AMS6	08:00	24-hr TSP	45	ug/m^3
HKLR	HY/2011/03	2015-03-23	AMS6	08:00	24-hr TSP	112	ug/m^3
HKLR	HY/2011/03	2015-03-27	AMS6	08:00	24-hr TSP	104	ug/m^3

Graphical Plot of 1-hour TSP at AMS5 and AMS6





Remarks:

1) Due to malfunction of HVS at AMS5 on 28 November 2014, the 24-hr air monitoring undertaken at AMS5 was less than 24hrs. The 24-hr TSP monitoring result obtained on 28 November 2014 was considered invalid and the 24- hr TSP monitoring was rescheduled from 28 November 2014 to 2 December 2014.

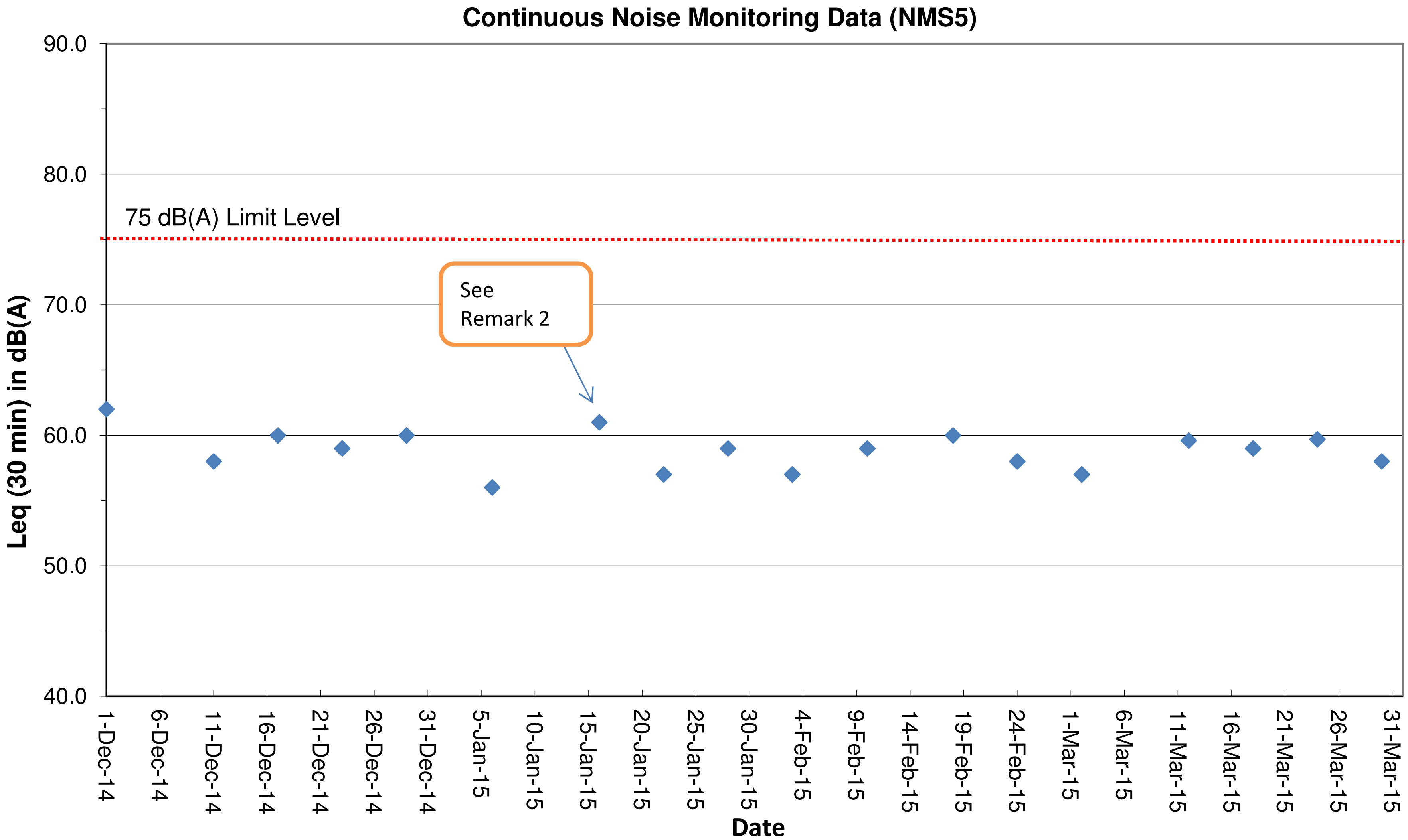
2) Due to power interruption of HVS at station AMS5 on 4 December 2014, the 24-hr TSP monitoring at station AMS5 was rescheduled form 4 December 2014 to 5 December 2014.

3) Due to malfunction of HVS at station AMS5, the 24-hr TSP monitoring at station AMS5 on 10 December 2014 was cancelled. The 24-hr TSP monitoring at station AMS5 was rescheduled to 17 December 2014 after repairing of HVS.

Project	Works	Date (yyyy-mm-dd)	Station	Start Time	Wind Speed, m/s	1st set 5mins		2nd set 5mins		3rd set 5mins		4th set 5mins		5th set 5mins		6th set 5mins		Overall (30mins)*		Unit
HKLR	HY/2011/03	2015-03-02	NMS5	09:44	<5	Leq:	54.1	Leq:	53.2	Leq:	53.3	Leq:	52.4	Leq:	54.2	Leq:	54.7	Leq:	56.7	dB(A)
						L10:	57.5	L10:	55.5	L10:	57.0	L10:	55.5	L10:	58.0	L10:	57.5	L10:	59.9	
						L90:	48.5	L90:	48.5	L90:	48.0	L90:	48.0	L90:	48.0	L90:	49.5	L90:	51.5	
HKLR	HY/2011/03	2015-03-12	NMS5	11:30	<5	Leq:	56.1	Leq:	57.8	Leq:	55.4	Leq:	56.0	Leq:	56.9	Leq:	57.0	Leq:	59.6	dB(A)
						L10:	58.5	L10:	61.0	L10:	58.5	L10:	59.5	L10:	60.0	L10:	60.0	L10:	62.7	
						L90:	51.5	L90:	51.5	L90:	50.0	L90:	50.0	L90:	49.5	L90:	50.5	L90:	53.6	
HKLR	HY/2011/03	2015-03-18	NMS5	13:50	<5	Leq:	56.3	Leq:	52.3	Leq:	53.6	Leq:	56.4	Leq:	55.0	Leq:	58.2	Leq:	58.7	dB(A)
						L10:	60.0	L10:	54.5	L10:	56.0	L10:	60.0	L10:	58.5	L10:	62.5	L10:	62.4	
						L90:	49.0	L90:	48.5	L90:	49.5	L90:	49.0	L90:	49.0	L90:	50.0	L90:	52.2	
HKLR	HY/2011/03	2015-03-24	NMS5	10:05	<5	Leq:	59.9	Leq:	55.4	Leq:	54.7	Leq:	54.8	Leq:	55.2	Leq:	57.5	Leq:	59.7	dB(A)
						L10:	63.0	L10:	58.5	L10:	57.5	L10:	57.5	L10:	57.5	L10:	61.0	L10:	62.7	
						L90:	51.5	L90:	50.5	L90:	49.5	L90:	50.0	L90:	50.0	L90:	51.5	L90:	53.6	
HKLR	HY/2011/03	2015-03-30	NMS5	13:46	<5	Leq:	53.0	Leq:	55.0	Leq:	55.8	Leq:	55.4	Leq:	56.5	Leq:	56.0	Leq:	58.4	dB(A)
						L10:	55.0	L10:	57.0	L10:	58.5	L10:	57.0	L10:	59.0	L10:	59.5	L10:	60.9	
						L90:	49.0	L90:	51.5	L90:	51.5	L90:	52.5	L90:	52.5	L90:	50.0	L90:	54.3	

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

Graphical Plot of Noise Levels at NMS5



Remark:

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

(2) Due to bad weather condition on 12 January 2015, the noise monitoring at station NMS5 was rescheduled from 12 January 2015 to 16 January 2015.

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	2015-03-02	Mid-Ebb	Sunny	IS5	12:52:19	1.0	Surface	1	1	19.57	7.34	29.28	91.3	7.04	5.6	7.7
HKLR	HY/2011/03	2015-03-02	Mid-Ebb	Sunny	IS5	12:51:53	1.0	Surface	1	2	19.57	7.35	29.28	91	7.02	5.7	7.7
HKLR	HY/2011/03	2015-03-02	Mid-Ebb	Sunny	IS5	12:52:09	4.2	Middle	2	1	19.56	7.34	29.31	90.7	6.99	5.7	7.4
HKLR	HY/2011/03	2015-03-02	Mid-Ebb	Sunny	IS5	12:51:43	4.2	Middle	2	2	19.56	7.37	29.3	91.5	7.06	5.7	6.4
HKLR	HY/2011/03	2015-03-02	Mid-Ebb	Sunny	IS5	12:51:32	7.4	Bottom	3	1	19.56	7.34	29.31	90.7	7	5.8	6.5
HKLR	HY/2011/03	2015-03-02	Mid-Ebb	Sunny	IS5	12:52:01	7.4	Bottom	3	2	19.57	7.31	29.3	91	7.01	5.9	6.5
HKLR	HY/2011/03	2015-03-02	Mid-Ebb	Sunny	IS(Mf)6	12:43:49	1.0	Surface	1	1	19.4	7.45	28.07	96.9	7.55	5.5	5.9
HKLR	HY/2011/03	2015-03-02	Mid-Ebb	Sunny	IS(Mf)6	12:43:35	1.0	Surface	1	2	19.39	7.44	28.07	97	7.56	5.4	6.4
HKLR	HY/2011/03	2015-03-02	Mid-Ebb	Sunny	IS(Mf)6	12:43:29	2.3	Bottom	3	1	19.39	7.43	28.34	97.2	7.56	5.6	6.7
HKLR	HY/2011/03	2015-03-02	Mid-Ebb	Sunny	IS(Mf)6	12:43:41	2.3	Bottom	3	2	19.4	7.44	28.47	97	7.54	5.5	8.4
HKLR	HY/2011/03	2015-03-02	Mid-Ebb	Sunny	IS7	12:36:48	1.0	Surface	1	1	19.32	7.63	27.89	101.7	7.95	4.4	2.2
HKLR	HY/2011/03	2015-03-02	Mid-Ebb	Sunny	IS7	12:37:02	1.0	Surface	1	2	19.32	7.63	27.9	101.9	7.96	4.4	2.3
HKLR	HY/2011/03	2015-03-02	Mid-Ebb	Sunny	IS7	12:36:54	2.4	Bottom	3	1	19.31	7.63	27.89	101.5	7.93	4.4	5.7
HKLR	HY/2011/03	2015-03-02	Mid-Ebb	Sunny	IS7	12:36:35	2.4	Bottom	3	2	19.31	7.61	27.89	101.3	7.92	4.5	5.7
HKLR	HY/2011/03	2015-03-02	Mid-Ebb	Sunny	IS8	12:15:52	1.0	Surface	1	1	19.23	7.5	28.32	96.8	7.56	6.3	3.1
HKLR	HY/2011/03	2015-03-02	Mid-Ebb	Sunny	IS8	12:16:06	1.0	Surface	1	2	19.18	7.51	28.24	96.8	7.56	6.6	3.4
HKLR	HY/2011/03	2015-03-02	Mid-Ebb	Sunny	IS8	12:15:59	3.0	Bottom	3	1	19.18	7.5	28.41	97.3	7.6	6.8	3.7
HKLR	HY/2011/03	2015-03-02	Mid-Ebb	Sunny	IS8	12:15:46	3.0	Bottom	3	2	19.16	7.49	28.44	98	7.66	6.8	2.9
HKLR	HY/2011/03	2015-03-02	Mid-Ebb	Sunny	IS(Mf)9	12:29:38	1.0	Surface	1	1	19.28	7.5	28.06	100.4	7.85	2.7	3.1
HKLR	HY/2011/03	2015-03-02	Mid-Ebb	Sunny	IS(Mf)9	12:29:51	1.0	Surface	1	2	19.28	7.51	28.07	99.7	7.78	2.8	2.9
HKLR	HY/2011/03	2015-03-02	Mid-Ebb	Sunny	IS(Mf)9	12:29:29	2.6	Bottom	3	1	19.28	7.48	28.07	100.5	7.85	2.7	3
HKLR	HY/2011/03	2015-03-02	Mid-Ebb	Sunny	IS(Mf)9	12:29:43	2.6	Bottom	3	2	19.28	7.49	28.07	100	7.81	2.7	2.7
HKLR	HY/2011/03	2015-03-02	Mid-Ebb	Sunny	IS10	11:30:08	1.0	Surface	1	1	18.11	7.87	30.43	92.5	7.28	3.2	2.7
HKLR	HY/2011/03	2015-03-02	Mid-Ebb	Sunny	IS10	11:29:22	1.0	Surface	1	2	18.13	7.87	30.39	92.8	7.3	3.4	3.6
HKLR	HY/2011/03	2015-03-02	Mid-Ebb	Sunny	IS10	11:29:56	5.8	Middle	2	1	18.04	7.86	30.68	91.9	7.23	4.9	3.3
HKLR	HY/2011/03	2015-03-02	Mid-Ebb	Sunny	IS10	11:29:16	5.8	Middle	2	2	18.11	7.87	30.43	92.3	7.27	4.7	3.4
HKLR	HY/2011/03	2015-03-02	Mid-Ebb	Sunny	IS10	11:28:46	10.6	Bottom	3	1	17.94	7.85	31	92.1	7.25	6.5	3
HKLR	HY/2011/03	2015-03-02	Mid-Ebb	Sunny	IS10	11:29:43	10.6	Bottom	3	2	17.95	7.85	31	92	7.24	6.2	2.8
HKLR	HY/2011/03	2015-03-02	Mid-Ebb	Sunny	SR3	12:59:55	0.6	Middle	2	1	19.57	7.44	29.27	91	7.02	4.7	6.9
HKLR	HY/2011/03	2015-03-02	Mid-Ebb	Sunny	SR3	12:59:50	0.6	Middle	2	2	19.57	7.42	29.28	91.5	7.06	4.6	7.3
HKLR	HY/2011/03	2015-03-02	Mid-Ebb	Sunny	SR4	12:21:13	1.0	Surface	1	1	19.18	7.56	28.2	97.2	7.6	4.5	2.5
HKLR	HY/2011/03	2015-03-02	Mid-Ebb	Sunny	SR4	12:21:26	1.0	Surface	1	2	19.23	7.56	28.3	96.3	7.52	4.4	3.3
HKLR	HY/2011/03	2015-03-02	Mid-Ebb	Sunny	SR4	12:21:06	2.8	Bottom	3	1	19.18	7.55	28.48	97.4	7.6	4.4	3.3
HKLR	HY/2011/03	2015-03-02	Mid-Ebb	Sunny	SR4	12:21:20	2.8	Bottom	3	2	19.21	7.55	28.52	97.6	7.61	4.4	3.1
HKLR	HY/2011/03	2015-03-02	Mid-Ebb	Sunny	SR5	11:41:13	1.0	Surface	1	1	18.07	7.87	30.52	93.4	7.36	2.7	2.9
HKLR	HY/2011/03	2015-03-02	Mid-Ebb	Sunny	SR5	11:41:32	1.0	Surface	1	2	18.13	7.87	30.4	93.8	7.38	2.6	3.3
HKLR	HY/2011/03	2015-03-02	Mid-Ebb	Sunny	SR5	11:41:06	4.5	Bottom	3	1	18.07	7.86	30.64	93.2	7.34	3	4.8
HKLR	HY/2011/03	2015-03-02	Mid-Ebb	Sunny	SR5	11:41:23	4.5	Bottom	3	2	18.12	7.87	30.45	93.3	7.34	2.8	2.6
HKLR	HY/2011/03	2015-03-02	Mid-Ebb	Sunny	SR10A	11:02:13	1.0	Surface	1	1	18.23	7.45	29.71	90.9	7.17	2.6	2.4
HKLR	HY/2011/03	2015-03-02	Mid-Ebb	Sunny	SR10A	11:02:39	1.0	Surface	1	2	18.23	7.48	29.7	90.9	7.17	2.7	2
HKLR	HY/2011/03	2015-03-02	Mid-Ebb	Sunny	SR10A	11:02:28	3.3	Middle	2	1	18.23	7.46	29.71	90.9	7.17	2.8	2.2
HKLR	HY/2011/03	2015-03-02	Mid-Ebb	Sunny	SR10A	11:02:03	3.3	Middle	2	2	18.22	7.43	29.71	90.5	7.14	2.8	2
HKLR	HY/2011/03	2015-03-02	Mid-Ebb	Sunny	SR10A	11:02:19	5.5	Bottom	3	1	18.23	7.44	29.72	90.5	7.14	2.8	2.4
HKLR	HY/2011/03	2015-03-02	Mid-Ebb	Sunny	SR10A	11:01:56	5.5	Bottom	3	2	18.23	7.42	29.62	90.5	7.15	2.8	2.8
HKLR	HY/2011/03	2015-03-02	Mid-Ebb	Sunny	SR10B	10:53:45	1.0	Surface	1	1	18.23	7.32	28.39	90.9	7.23	3.2	2.4
HKLR	HY/2011/03	2015-03-02	Mid-Ebb	Sunny	SR10B	10:53:27	1.0	Surface	1	2	18.23	7.27	27.71	91.1	7.27	3.3	2.2
HKLR	HY/2011/03	2015-03-02	Mid-Ebb	Sunny	SR10B	10:53:17	4.1	Bottom	3	1	18.23	7.21	27.17	91.1	7.3	3.3	1
HKLR	HY/2011/03	2015-03-02	Mid-Ebb	Sunny	SR10B	10:53:34	4.1	Bottom	3	2	18.23	7.28	28.04	91	7.25	3.3	0.7
HKLR	HY/2011/03	2015-03-02	Mid-Ebb	Sunny	CS2	12:30:37	1.0	Surface	1	1	18.04	7.88	30.61	94.5	7.44	2.8	3.8
HKLR	HY/2011/03	2015-03-02	Mid-Ebb	Sunny	CS2	12:31:31	1.0	Surface	1	2	18.09	7.88	30.56	94.6	7.45	2.7	4.2
HKLR	HY/2011/03	2015-03-02	Mid-Ebb	Sunny	CS2	12:30:31	4.2	Middle	2	1	18.01	7.88	30.64	94.2	7.42	2.9	3.3
HKLR	HY/2011/03	2015-03-02	Mid-Ebb	Sunny	CS2	12:31:21	4.2	Middle	2	2	18.07	7.88	30.58	94.4	7.43	2.8	3.8
HKLR	HY/2011/03	2015-03-02	Mid-Ebb	Sunny	CS2	12:30:14	7.3	Bottom	3	1	17.87	7.87	30.92	94.2	7.43	2.9	3.4

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	2015-03-02	Mid-Ebb	Sunny	CS2	12:30:59	7.3	Bottom	3	2	17.86	7.87	30.97	94.3	7.43	2.8	4
HKLR	HY/2011/03	2015-03-02	Mid-Ebb	Sunny	CS(Mf)5	11:38:09	1.0	Surface	1	1	18.65	7.31	28.71	92.1	7.25	2.1	2.9
HKLR	HY/2011/03	2015-03-02	Mid-Ebb	Sunny	CS(Mf)5	11:39:10	1.0	Surface	1	2	18.67	7.38	29.05	91.6	7.19	2.1	3.2
HKLR	HY/2011/03	2015-03-02	Mid-Ebb	Sunny	CS(Mf)5	11:37:55	6.2	Middle	2	1	18.31	7.25	29.64	90	7.09	2.2	4.5
HKLR	HY/2011/03	2015-03-02	Mid-Ebb	Sunny	CS(Mf)5	11:38:55	6.2	Middle	2	2	18.3	7.35	30.15	89.4	7.02	2.1	3.3
HKLR	HY/2011/03	2015-03-02	Mid-Ebb	Sunny	CS(Mf)5	11:37:45	11.3	Bottom	3	1	18.31	7.17	29.49	90.1	7.11	2.2	2.6
HKLR	HY/2011/03	2015-03-02	Mid-Ebb	Sunny	CS(Mf)5	11:38:42	11.3	Bottom	3	2	18.28	7.3	30.13	89.5	7.04	2.2	2.8
HKLR	HY/2011/03	2015-03-02	Mid-Flood	Sunny	IS5	15:51:56	1.0	Surface	1	1	19.57	7.38	28.63	98.9	7.66	11.8	4.5
HKLR	HY/2011/03	2015-03-02	Mid-Flood	Sunny	IS5	15:52:34	1.0	Surface	1	2	19.56	7.42	28.57	99.7	7.72	11.5	4.9
HKLR	HY/2011/03	2015-03-02	Mid-Flood	Sunny	IS5	15:52:20	4.4	Middle	2	1	19.61	7.4	29.16	97.2	7.5	12.7	4.8
HKLR	HY/2011/03	2015-03-02	Mid-Flood	Sunny	IS5	15:51:48	4.4	Middle	2	2	19.61	7.39	29.07	98.5	7.6	12.6	5.1
HKLR	HY/2011/03	2015-03-02	Mid-Flood	Sunny	IS5	15:51:40	7.7	Bottom	3	1	19.59	7.37	29.1	100.2	7.74	12.5	4.8
HKLR	HY/2011/03	2015-03-02	Mid-Flood	Sunny	IS5	15:52:11	7.7	Bottom	3	2	19.61	7.35	29.49	99.5	7.65	12.3	3.8
HKLR	HY/2011/03	2015-03-02	Mid-Flood	Sunny	IS(Mf)6	16:00:43	1.0	Surface	1	1	19.56	7.55	28.47	104.6	8.11	11.3	4.2
HKLR	HY/2011/03	2015-03-02	Mid-Flood	Sunny	IS(Mf)6	16:00:58	1.0	Surface	1	2	19.56	7.57	28.47	105.4	8.17	10.9	4.4
HKLR	HY/2011/03	2015-03-02	Mid-Flood	Sunny	IS(Mf)6	16:00:52	2.2	Bottom	3	1	19.56	7.57	28.47	105.1	8.15	11.2	5.4
HKLR	HY/2011/03	2015-03-02	Mid-Flood	Sunny	IS(Mf)6	16:00:32	2.2	Bottom	3	2	19.56	7.55	28.48	105.1	8.15	11.9	5.9
HKLR	HY/2011/03	2015-03-02	Mid-Flood	Sunny	IS7	16:04:16	1.0	Surface	1	1	19.5	7.63	28.47	104.8	8.13	9.5	3.3
HKLR	HY/2011/03	2015-03-02	Mid-Flood	Sunny	IS7	16:04:04	1.0	Surface	1	2	19.5	7.62	28.47	104.7	8.12	9.5	2.9
HKLR	HY/2011/03	2015-03-02	Mid-Flood	Sunny	IS7	16:03:56	2.1	Bottom	3	1	19.5	7.61	28.48	104.5	8.11	9.4	2.9
HKLR	HY/2011/03	2015-03-02	Mid-Flood	Sunny	IS7	16:04:10	2.1	Bottom	3	2	19.5	7.62	28.48	104.7	8.13	9.4	3.8
HKLR	HY/2011/03	2015-03-02	Mid-Flood	Sunny	IS8	16:27:58	1.0	Surface	1	1	19.01	7.54	29.4	95	7.4	18.6	11
HKLR	HY/2011/03	2015-03-02	Mid-Flood	Sunny	IS8	16:27:42	1.0	Surface	1	2	19.08	7.54	29.25	96.2	7.49	18.3	12.6
HKLR	HY/2011/03	2015-03-02	Mid-Flood	Sunny	IS8	16:27:34	3.2	Bottom	3	1	19.08	7.55	29.27	95.8	7.46	18.7	10.9
HKLR	HY/2011/03	2015-03-02	Mid-Flood	Sunny	IS8	16:27:50	3.2	Bottom	3	2	18.98	7.53	29.67	95.9	7.46	18.6	9.6
HKLR	HY/2011/03	2015-03-02	Mid-Flood	Sunny	IS(Mf)9	16:12:01	1.0	Surface	1	1	19.43	7.57	29.08	97.7	7.56	13.7	6.2
HKLR	HY/2011/03	2015-03-02	Mid-Flood	Sunny	IS(Mf)9	16:12:16	1.0	Surface	1	2	19.43	7.57	29.08	98.1	7.6	13.8	6.3
HKLR	HY/2011/03	2015-03-02	Mid-Flood	Sunny	IS(Mf)9	16:12:08	2.5	Bottom	3	1	19.43	7.57	29.1	98	7.58	13.6	6.3
HKLR	HY/2011/03	2015-03-02	Mid-Flood	Sunny	IS(Mf)9	16:11:53	2.5	Bottom	3	2	19.43	7.56	29.12	97.2	7.52	13.4	7
HKLR	HY/2011/03	2015-03-02	Mid-Flood	Sunny	IS10	16:44:53	1.0	Surface	1	1	18.07	7.92	30.9	99	7.74	2.1	0.7
HKLR	HY/2011/03	2015-03-02	Mid-Flood	Sunny	IS10	16:45:16	1.0	Surface	1	2	18.07	7.92	30.9	99.1	7.75	2.1	1.6
HKLR	HY/2011/03	2015-03-02	Mid-Flood	Sunny	IS10	16:45:11	5.7	Middle	2	1	18.03	7.92	30.91	99	7.74	2.2	1.3
HKLR	HY/2011/03	2015-03-02	Mid-Flood	Sunny	IS10	16:44:48	5.7	Middle	2	2	18.03	7.92	30.91	98.9	7.73	2.3	0.9
HKLR	HY/2011/03	2015-03-02	Mid-Flood	Sunny	IS10	16:44:40	10.3	Bottom	3	1	18.01	7.92	30.9	98.7	7.72	2.5	0.9
HKLR	HY/2011/03	2015-03-02	Mid-Flood	Sunny	IS10	16:45:04	10.3	Bottom	3	2	18.02	7.92	30.89	98.9	7.73	2.4	2.9
HKLR	HY/2011/03	2015-03-02	Mid-Flood	Sunny	SR3	15:35:59	0.8	Middle	2	1	19.56	7.36	28.16	103.5	8.04	11	4.5
HKLR	HY/2011/03	2015-03-02	Mid-Flood	Sunny	SR3	15:36:05	0.8	Middle	2	2	19.56	7.38	28.21	103.2	8.01	10.9	4.1
HKLR	HY/2011/03	2015-03-02	Mid-Flood	Sunny	SR4	16:22:29	1.0	Surface	1	1	19	7.55	29.48	96.1	7.49	20.2	10.8
HKLR	HY/2011/03	2015-03-02	Mid-Flood	Sunny	SR4	16:22:44	1.0	Surface	1	2	19.02	7.54	29.38	94.7	7.38	20.5	12.5
HKLR	HY/2011/03	2015-03-02	Mid-Flood	Sunny	SR4	16:22:21	2.8	Bottom	3	1	19.05	7.55	29.37	96	7.47	20.3	12.8
HKLR	HY/2011/03	2015-03-02	Mid-Flood	Sunny	SR4	16:22:36	2.8	Bottom	3	2	18.96	7.54	29.7	95.2	7.41	21.3	11.7
HKLR	HY/2011/03	2015-03-02	Mid-Flood	Sunny	SR5	16:31:06	1.0	Surface	1	1	18.06	7.91	30.89	99.8	7.81	2.6	1.4
HKLR	HY/2011/03	2015-03-02	Mid-Flood	Sunny	SR5	16:31:25	1.0	Surface	1	2	18.07	7.91	30.88	99.6	7.79	2.5	0.9
HKLR	HY/2011/03	2015-03-02	Mid-Flood	Sunny	SR5	16:31:00	4.6	Bottom	3	1	18.06	7.91	30.89	99.9	7.8	3.2	3.3
HKLR	HY/2011/03	2015-03-02	Mid-Flood	Sunny	SR5	16:31:13	4.6	Bottom	3	2	18.06	7.91	30.88	99.7	7.79	3.1	1.5
HKLR	HY/2011/03	2015-03-02	Mid-Flood	Sunny	SR10A	17:42:06	1.0	Surface	1	1	18.6	7.59	31.02	95.3	7.41	4.4	1.5
HKLR	HY/2011/03	2015-03-02	Mid-Flood	Sunny	SR10A	17:42:35	1.0	Surface	1	2	18.64	7.56	30.95	95.7	7.43	4.2	1.2
HKLR	HY/2011/03	2015-03-02	Mid-Flood	Sunny	SR10A	17:41:59	3.3	Middle	2	1	18.49	7.57	31.18	95	7.39	4.3	2.1
HKLR	HY/2011/03	2015-03-02	Mid-Flood	Sunny	SR10A	17:42:27	3.3	Middle	2	2	18.59	7.59	31.05	94.7	7.36	4.4	0.7
HKLR	HY/2011/03	2015-03-02	Mid-Flood	Sunny	SR10A	17:42:17	5.6	Bottom	3	1	18.51	7.59	31.19	94.6	7.36	4.5	1
HKLR	HY/2011/03	2015-03-02	Mid-Flood	Sunny	SR10A	17:41:54	5.6	Bottom	3	2	18.61	7.53	31.06	95.1	7.39	4.3	1.1
HKLR	HY/2011/03	2015-03-02	Mid-Flood	Sunny	SR10B	17:52:23	1.0	Surface	1	1	18.66	7.58	30.93	95.1	7.39	5.6	1.2
HKLR	HY/2011/03	2015-03-02	Mid-Flood	Sunny	SR10B	17:52:38	1.0	Surface	1	2	18.65	7.52	30.94	95.4	7.41	5.7	1.6

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	2015-03-02	Mid-Flood	Sunny	SR10B	17:52:32	4.2	Bottom	3	1	18.66	7.51	30.96	95.3	7.4	5.8	1.9
HKLR	HY/2011/03	2015-03-02	Mid-Flood	Sunny	SR10B	17:52:15	4.2	Bottom	3	2	18.66	7.6	30.96	94.9	7.37	5.8	1
HKLR	HY/2011/03	2015-03-02	Mid-Flood	Sunny	CS2	15:35:44	1.0	Surface	1	1	18.07	7.92	30.87	96.4	7.58	2.8	3.2
HKLR	HY/2011/03	2015-03-02	Mid-Flood	Sunny	CS2	15:37:13	1.0	Surface	1	2	18.07	7.91	30.79	95.8	7.54	2.7	3.2
HKLR	HY/2011/03	2015-03-02	Mid-Flood	Sunny	CS2	15:36:58	4.2	Middle	2	1	18.01	7.91	30.86	94.7	7.45	2.7	3.1
HKLR	HY/2011/03	2015-03-02	Mid-Flood	Sunny	CS2	15:35:17	4.2	Middle	2	2	17.86	7.94	31.36	94.3	7.42	2.8	3.7
HKLR	HY/2011/03	2015-03-02	Mid-Flood	Sunny	CS2	15:35:11	7.3	Bottom	3	1	17.8	7.95	31.63	94.1	7.4	2.9	3.9
HKLR	HY/2011/03	2015-03-02	Mid-Flood	Sunny	CS2	15:36:37	7.3	Bottom	3	2	17.79	7.92	31.54	94.4	7.43	2.9	2.8
HKLR	HY/2011/03	2015-03-02	Mid-Flood	Sunny	CS(Mf)5	17:06:47	1.0	Surface	1	1	18.52	7.48	31.16	93	7.24	6.1	3.5
HKLR	HY/2011/03	2015-03-02	Mid-Flood	Sunny	CS(Mf)5	17:07:25	1.0	Surface	1	2	18.54	7.46	31.13	92.8	7.22	6.2	1.7
HKLR	HY/2011/03	2015-03-02	Mid-Flood	Sunny	CS(Mf)5	17:07:12	6.3	Middle	2	1	18.31	7.47	31.52	91.1	7.1	6.7	1.1
HKLR	HY/2011/03	2015-03-02	Mid-Flood	Sunny	CS(Mf)5	17:06:36	6.3	Middle	2	2	18.31	7.49	31.52	91.4	7.13	6.3	1.6
HKLR	HY/2011/03	2015-03-02	Mid-Flood	Sunny	CS(Mf)5	17:07:02	11.6	Bottom	3	1	18.32	7.45	31.53	91.8	7.16	6.7	0.8
HKLR	HY/2011/03	2015-03-02	Mid-Flood	Sunny	CS(Mf)5	17:06:26	11.6	Bottom	3	2	18.33	7.45	31.5	92.7	7.22	6.3	1.3
HKLR	HY/2011/03	2015-03-04	Mid-Ebb	Fine	IS5	13:24:23	1.0	Surface	1	1	19.18	7.4	29.15	94.3	7.33	10.8	6
HKLR	HY/2011/03	2015-03-04	Mid-Ebb	Fine	IS5	13:25:27	1.0	Surface	1	2	19.18	7.41	29.17	94.5	7.34	10.7	6.4
HKLR	HY/2011/03	2015-03-04	Mid-Ebb	Fine	IS5	13:24:03	4.1	Middle	2	1	19.19	7.4	29.16	94.2	7.32	11.1	5.6
HKLR	HY/2011/03	2015-03-04	Mid-Ebb	Fine	IS5	13:25:06	4.1	Middle	2	2	19.19	7.41	29.18	94.2	7.32	10.9	6.8
HKLR	HY/2011/03	2015-03-04	Mid-Ebb	Fine	IS5	13:24:45	7.2	Bottom	3	1	19.19	7.4	29.2	93.9	7.29	11	6
HKLR	HY/2011/03	2015-03-04	Mid-Ebb	Fine	IS5	13:23:39	7.2	Bottom	3	2	19.19	7.4	29.17	93.7	7.29	11.3	7.9
HKLR	HY/2011/03	2015-03-04	Mid-Ebb	Fine	IS(Mf)6	13:14:41	1.0	Surface	1	1	19.19	7.37	29.09	93.2	7.25	20.5	11.8
HKLR	HY/2011/03	2015-03-04	Mid-Ebb	Fine	IS(Mf)6	13:15:18	1.0	Surface	1	2	19.19	7.37	29.1	93.2	7.24	20.5	11.8
HKLR	HY/2011/03	2015-03-04	Mid-Ebb	Fine	IS(Mf)6	13:15:03	2.1	Bottom	3	1	19.18	7.37	29.1	93.3	7.26	21.7	11.2
HKLR	HY/2011/03	2015-03-04	Mid-Ebb	Fine	IS(Mf)6	13:14:22	2.1	Bottom	3	2	19.19	7.37	29.08	93.3	7.26	21.8	12.7
HKLR	HY/2011/03	2015-03-04	Mid-Ebb	Fine	IS7	13:06:09	1.0	Surface	1	1	19.04	7.38	28.98	93.4	7.3	16.6	9.5
HKLR	HY/2011/03	2015-03-04	Mid-Ebb	Fine	IS7	13:06:53	1.0	Surface	1	2	19.04	7.38	28.98	94.1	7.34	16.5	9.8
HKLR	HY/2011/03	2015-03-04	Mid-Ebb	Fine	IS7	13:06:30	2.3	Bottom	3	1	19.04	7.37	28.9	93.7	7.31	17.4	9.9
HKLR	HY/2011/03	2015-03-04	Mid-Ebb	Fine	IS7	13:05:48	2.3	Bottom	3	2	19.04	7.37	28.89	93.6	7.32	17	9.8
HKLR	HY/2011/03	2015-03-04	Mid-Ebb	Fine	IS8	12:39:47	1.0	Surface	1	1	18.98	7.35	28.7	99.3	7.77	8.6	5.8
HKLR	HY/2011/03	2015-03-04	Mid-Ebb	Fine	IS8	12:39:11	1.0	Surface	1	2	18.98	7.35	28.66	98.7	7.73	8.4	5.8
HKLR	HY/2011/03	2015-03-04	Mid-Ebb	Fine	IS8	12:38:46	2.6	Bottom	3	1	18.97	7.34	28.61	98.8	7.74	9.7	4.8
HKLR	HY/2011/03	2015-03-04	Mid-Ebb	Fine	IS8	12:39:31	2.6	Bottom	3	2	18.98	7.34	28.66	99.3	7.78	10	4.5
HKLR	HY/2011/03	2015-03-04	Mid-Ebb	Fine	IS(Mf)9	12:58:21	1.0	Surface	1	1	19.09	7.36	28.88	94.8	7.4	9.1	6.1
HKLR	HY/2011/03	2015-03-04	Mid-Ebb	Fine	IS(Mf)9	12:58:59	1.0	Surface	1	2	19.09	7.37	28.9	94.4	7.36	8.9	5.2
HKLR	HY/2011/03	2015-03-04	Mid-Ebb	Fine	IS(Mf)9	12:58:40	2.5	Bottom	3	1	19.09	7.36	28.84	94.4	7.37	10.2	6
HKLR	HY/2011/03	2015-03-04	Mid-Ebb	Fine	IS(Mf)9	12:58:00	2.5	Bottom	3	2	19.09	7.35	28.81	94.3	7.37	10.5	6.3
HKLR	HY/2011/03	2015-03-04	Mid-Ebb	Fine	IS10	12:28:22	1.0	Surface	1	1	18.06	7.93	29.46	93.7	7.42	4.1	4.3
HKLR	HY/2011/03	2015-03-04	Mid-Ebb	Fine	IS10	12:27:10	1.0	Surface	1	2	18.07	7.93	29.47	93.9	7.44	3.9	5.6
HKLR	HY/2011/03	2015-03-04	Mid-Ebb	Fine	IS10	12:26:57	5.0	Middle	2	1	18.01	7.92	30.46	94.5	7.45	5	4.6
HKLR	HY/2011/03	2015-03-04	Mid-Ebb	Fine	IS10	12:28:06	5.0	Middle	2	2	17.99	7.93	30.55	93.4	7.36	5.3	6.4
HKLR	HY/2011/03	2015-03-04	Mid-Ebb	Fine	IS10	12:28:01	9.0	Bottom	3	1	17.97	7.93	30.64	93.2	7.35	5.4	4
HKLR	HY/2011/03	2015-03-04	Mid-Ebb	Fine	IS10	12:26:46	9.0	Bottom	3	2	18.01	7.92	30.45	94.2	7.43	5	4.3
HKLR	HY/2011/03	2015-03-04	Mid-Ebb	Fine	SR3	13:34:38	0.6	Middle	2	1	19.18	7.4	29.2	94.9	7.38	9.6	6.4
HKLR	HY/2011/03	2015-03-04	Mid-Ebb	Fine	SR3	13:34:15	0.6	Middle	2	2	19.18	7.4	29.2	95	7.38	9.5	6.9
HKLR	HY/2011/03	2015-03-04	Mid-Ebb	Fine	SR4	12:47:26	1.0	Surface	1	1	19.01	7.33	29.04	98.7	7.71	8.3	4.7
HKLR	HY/2011/03	2015-03-04	Mid-Ebb	Fine	SR4	12:48:02	1.0	Surface	1	2	19.01	7.33	29.07	99.2	7.75	8.3	5.9
HKLR	HY/2011/03	2015-03-04	Mid-Ebb	Fine	SR4	12:47:10	2.6	Bottom	3	1	19.01	7.32	29.03	99	7.73	9	5.2
HKLR	HY/2011/03	2015-03-04	Mid-Ebb	Fine	SR4	12:47:45	2.6	Bottom	3	2	19.01	7.33	29.06	99.1	7.74	8.8	4.8
HKLR	HY/2011/03	2015-03-04	Mid-Ebb	Fine	SR5	12:36:21	1.0	Surface	1	1	18.07	7.93	29.41	94.3	7.48	3.1	4.9
HKLR	HY/2011/03	2015-03-04	Mid-Ebb	Fine	SR5	12:37:07	1.0	Surface	1	2	18.06	7.93	29.4	94.3	7.48	3.4	4
HKLR	HY/2011/03	2015-03-04	Mid-Ebb	Fine	SR5	12:36:08	4.0	Bottom	3	1	18.03	7.92	30.07	95	7.51	5.9	4.3
HKLR	HY/2011/03	2015-03-04	Mid-Ebb	Fine	SR5	12:36:49	4.0	Bottom	3	2	18.02	7.93	30.21	93.6	7.39	5.7	3.8
HKLR	HY/2011/03	2015-03-04	Mid-Ebb	Fine	SR10A	11:23:48	1.0	Surface	1	1	18.38	7.43	30.24	90.6	7.11	4	4.8

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-03-04	Mid-Ebb	Fine	SR10A	11:22:52	1.0	Surface	1	2	18.38	7.42	30.23	91.1	7.15	4.2	3.7
HKLR	HY/2011/03	2015-03-04	Mid-Ebb	Fine	SR10A	11:23:31	3.2	Middle	2	1	18.38	7.42	30.21	90.9	7.13	4	3.3
HKLR	HY/2011/03	2015-03-04	Mid-Ebb	Fine	SR10A	11:22:33	3.2	Middle	2	2	18.38	7.41	30.19	90.5	7.1	4.1	3.1
HKLR	HY/2011/03	2015-03-04	Mid-Ebb	Fine	SR10A	11:23:11	5.4	Bottom	3	1	18.38	7.41	30.18	90.8	7.12	3.9	2.8
HKLR	HY/2011/03	2015-03-04	Mid-Ebb	Fine	SR10A	11:22:13	5.4	Bottom	3	2	18.39	7.41	30.15	90.5	7.11	3.7	3.9
HKLR	HY/2011/03	2015-03-04	Mid-Ebb	Fine	SR10B	11:09:28	1.0	Surface	1	1	18.37	7.48	29.55	90.9	7.17	2.7	3.6
HKLR	HY/2011/03	2015-03-04	Mid-Ebb	Fine	SR10B	11:10:04	1.0	Surface	1	2	18.36	7.49	29.56	91	7.17	2.5	3.6
HKLR	HY/2011/03	2015-03-04	Mid-Ebb	Fine	SR10B	11:09:06	4.0	Bottom	3	1	18.37	7.48	29.45	90.7	7.16	3.8	4
HKLR	HY/2011/03	2015-03-04	Mid-Ebb	Fine	SR10B	11:09:46	4.0	Bottom	3	2	18.37	7.49	29.48	90.9	7.17	3.6	5.2
HKLR	HY/2011/03	2015-03-04	Mid-Ebb	Fine	CS2	13:55:28	1.0	Surface	1	1	18.07	7.97	29.46	95.8	7.59	3.4	4.9
HKLR	HY/2011/03	2015-03-04	Mid-Ebb	Fine	CS2	13:53:33	1.0	Surface	1	2	18.08	7.95	29.01	96.1	7.64	3.3	5.6
HKLR	HY/2011/03	2015-03-04	Mid-Ebb	Fine	CS2	13:55:24	3.8	Middle	2	1	18.07	7.97	29.55	95.7	7.58	4.8	5.4
HKLR	HY/2011/03	2015-03-04	Mid-Ebb	Fine	CS2	13:52:43	3.8	Middle	2	2	18.06	7.96	29.61	96.6	7.65	5	3.9
HKLR	HY/2011/03	2015-03-04	Mid-Ebb	Fine	CS2	13:53:39	6.5	Bottom	3	1	18.08	7.95	29.16	96.2	7.64	5.3	4.1
HKLR	HY/2011/03	2015-03-04	Mid-Ebb	Fine	CS2	13:52:36	6.5	Bottom	3	2	18.06	7.96	29.89	96.5	7.63	5.5	4.2
HKLR	HY/2011/03	2015-03-04	Mid-Ebb	Fine	CS(Mf)5	12:00:53	1.0	Surface	1	1	18.71	7.43	29.81	94.2	7.36	5.9	4.5
HKLR	HY/2011/03	2015-03-04	Mid-Ebb	Fine	CS(Mf)5	11:59:46	1.0	Surface	1	2	18.71	7.42	29.76	94.6	7.39	6.1	3.4
HKLR	HY/2011/03	2015-03-04	Mid-Ebb	Fine	CS(Mf)5	11:59:24	6.6	Middle	2	1	18.59	7.42	29.97	92.6	7.25	5.4	5.1
HKLR	HY/2011/03	2015-03-04	Mid-Ebb	Fine	CS(Mf)5	12:00:29	6.6	Middle	2	2	18.58	7.43	30.04	92.7	7.25	5.2	5.7
HKLR	HY/2011/03	2015-03-04	Mid-Ebb	Fine	CS(Mf)5	12:00:09	12.2	Bottom	3	1	18.51	7.41	30.25	92.9	7.26	5.8	4.9
HKLR	HY/2011/03	2015-03-04	Mid-Ebb	Fine	CS(Mf)5	11:59:05	12.2	Bottom	3	2	18.51	7.41	30.12	92.9	7.27	5.9	4.1
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	IS5	17:50:30	1.0	Surface	1	1	19.13	7.37	29.74	93.5	7.25	22.2	15.7
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	IS5	17:49:26	1.0	Surface	1	2	19.13	7.37	29.74	93.6	7.26	22.2	17.4
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	IS5	17:49:06	4.2	Middle	2	1	19.1	7.36	29.76	93.4	7.24	22.5	14.7
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	IS5	17:50:09	4.2	Middle	2	2	19.1	7.36	29.76	93.9	7.29	22.7	14.9
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	IS5	17:48:47	7.4	Bottom	3	1	19.1	7.35	29.76	93.3	7.24	24	16.8
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	IS5	17:49:50	7.4	Bottom	3	2	19.1	7.36	29.76	93.5	7.25	23.4	15.2
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	IS(Mf)6	17:57:59	1.0	Surface	1	1	19.03	7.43	29.42	94.5	7.35	15.3	7.7
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	IS(Mf)6	17:57:24	1.0	Surface	1	2	19.03	7.43	29.39	94.6	7.36	15.5	8.6
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	IS(Mf)6	17:57:42	2.2	Bottom	3	1	19.03	7.43	29.39	94.2	7.34	15.6	10.4
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	IS(Mf)6	17:57:07	2.2	Bottom	3	2	19.03	7.42	29.34	94.5	7.36	15.8	12.3
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	IS7	18:06:57	1.0	Surface	1	1	18.96	7.44	29.54	94	7.32	21.1	11.6
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	IS7	18:06:22	1.0	Surface	1	2	18.97	7.44	29.54	93.8	7.3	21.1	11.6
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	IS7	18:06:04	2.4	Bottom	3	1	18.97	7.44	29.52	94	7.32	21.8	12.3
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	IS7	18:06:41	2.4	Bottom	3	2	18.96	7.44	29.53	93.9	7.31	22.1	11.3
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	IS8	18:35:04	1.0	Surface	1	1	18.86	7.42	29.68	94.3	7.35	25.2	24.1
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	IS8	18:35:37	1.0	Surface	1	2	18.86	7.42	29.68	94.1	7.33	25.5	24
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	IS8	18:34:48	2.7	Bottom	3	1	18.86	7.42	29.68	94.2	7.34	26.6	30.2
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	IS8	18:35:21	2.7	Bottom	3	2	18.86	7.42	29.69	94	7.32	26.6	31.1
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	IS(Mf)9	18:14:12	1.0	Surface	1	1	19.16	7.41	29.45	93.5	7.26	13.5	8.6
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	IS(Mf)9	18:13:32	1.0	Surface	1	2	19.16	7.41	29.42	93.4	7.25	14	8.3
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	IS(Mf)9	18:13:15	2.6	Bottom	3	1	19.17	7.4	29.41	92.9	7.21	14.8	7.6
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	IS(Mf)9	18:13:54	2.6	Bottom	3	2	19.16	7.41	29.44	93.2	7.23	15.2	6.8
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	IS10	18:00:52	1.0	Surface	1	1	18.08	7.94	29.4	93.4	7.4	3.8	3.2
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	IS10	18:00:20	1.0	Surface	1	2	18.08	7.94	29.45	93.3	7.39	3.7	4
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	IS10	18:00:10	4.9	Middle	2	1	18.01	7.93	30.2	93.9	7.42	5.2	4.5
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	IS10	18:00:41	4.9	Middle	2	2	18.02	7.93	30.14	93.5	7.39	5	5.4
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	IS10	18:00:03	8.8	Bottom	3	1	17.99	7.93	30.42	94	7.42	4.9	3.4
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	IS10	18:00:31	8.8	Bottom	3	2	18.02	7.93	30.22	93.7	7.4	4.9	3.7
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	SR3	17:34:38	0.7	Middle	2	1	19.14	7.38	29.74	93.7	7.27	19	17.2
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	SR3	17:34:23	0.7	Middle	2	2	19.14	7.38	29.74	94.1	7.3	19.3	17.7
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	SR4	18:27:01	1.0	Surface	1	1	18.87	7.4	29.59	93.8	7.31	24.6	20.1
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	SR4	18:26:24	1.0	Surface	1	2	18.87	7.41	29.55	94	7.33	24.8	20.2

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	2015-03-04	Mid-Flood	Fine	SR4	18:26:43	2.6	Bottom	3	1	18.87	7.4	29.6	93.6	7.3	25.5	21.6
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	SR4	18:25:58	2.6	Bottom	3	2	18.87	7.4	29.56	93.9	7.32	25.7	21.1
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	SR5	17:50:37	1.0	Surface	1	1	18.09	7.93	29.32	94.7	7.51	2.9	6.6
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	SR5	17:50:17	1.0	Surface	1	2	18.08	7.94	29.39	94.6	7.5	2.5	5.7
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	SR5	17:50:25	4.3	Bottom	3	1	18.1	7.93	29.44	95	7.53	2.5	3.5
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	SR5	17:50:09	4.3	Bottom	3	2	18.08	7.93	29.64	95.2	7.54	2.6	2.8
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	SR10A	19:58:16	1.0	Surface	1	1	18.39	7.46	30.76	91	7.11	3.8	2.7
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	SR10A	19:59:30	1.0	Surface	1	2	18.39	7.47	30.78	90.9	7.11	4	2.4
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	SR10A	19:57:53	3.3	Middle	2	1	18.38	7.46	30.77	90.7	7.1	3.8	5.3
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	SR10A	19:59:10	3.3	Middle	2	2	18.39	7.47	30.78	91	7.11	4.3	3.8
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	SR10A	19:57:29	5.6	Bottom	3	1	18.38	7.46	30.74	90.7	7.09	4	3.8
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	SR10A	19:58:45	5.6	Bottom	3	2	18.39	7.46	30.76	90.5	7.08	3.9	3.6
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	SR10B	20:09:06	1.0	Surface	1	1	18.39	7.47	30.84	91.4	7.14	3.3	2.6
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	SR10B	20:09:47	1.0	Surface	1	2	18.39	7.47	30.86	91.4	7.14	3.5	2.8
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	SR10B	20:08:45	4.2	Bottom	3	1	18.39	7.47	30.87	91.9	7.17	3.6	3
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	SR10B	20:09:29	4.2	Bottom	3	2	18.39	7.47	30.89	91.6	7.15	3.7	2.7
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	CS2	16:38:35	1.0	Surface	1	1	18.12	7.95	28.96	95.2	7.56	3.9	3.9
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	CS2	16:37:57	1.0	Surface	1	2	18.12	7.97	28.98	95.3	7.57	3.8	4.7
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	CS2	16:38:17	3.7	Middle	2	1	18.08	7.97	29.72	94.9	7.51	5.6	3.8
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	CS2	16:37:35	3.7	Middle	2	2	18.08	8.01	29.77	96.1	7.6	5.8	4.7
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	CS2	16:38:11	6.4	Bottom	3	1	18.08	7.97	29.86	94.7	7.49	6.5	4.7
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	CS2	16:37:29	6.4	Bottom	3	2	18.07	8.02	30.05	96.4	7.61	6.7	4.3
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	CS(Mf)5	19:19:13	1.0	Surface	1	1	18.67	7.48	30.02	94.2	7.35	6.3	2.9
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	CS(Mf)5	19:20:16	1.0	Surface	1	2	18.66	7.49	30.07	95	7.42	5.9	3
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	CS(Mf)5	19:19:56	6.8	Middle	2	1	18.56	7.48	30.38	93.3	7.28	7.5	2.8
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	CS(Mf)5	19:18:52	6.8	Middle	2	2	18.56	7.48	30.39	92.5	7.22	7.8	3.8
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	CS(Mf)5	19:18:33	12.6	Bottom	3	1	18.49	7.46	30.7	93.1	7.26	8.6	4
HKLR	HY/2011/03	2015-03-04	Mid-Flood	Fine	CS(Mf)5	19:19:36	12.6	Bottom	3	2	18.46	7.46	30.65	93.7	7.3	9.4	2.8
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	IS5	12:43:27	1.0	Surface	1	1	18.97	7.63	29.08	93.4	7.29	18.1	6.6
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	IS5	12:42:22	1.0	Surface	1	2	18.97	7.62	29.07	93.4	7.29	17.9	6.6
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	IS5	12:42:03	4.2	Middle	2	1	18.96	7.62	29.17	93.2	7.28	19.1	7.2
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	IS5	12:43:05	4.2	Middle	2	2	18.96	7.63	29.18	93.3	7.28	18.8	7.5
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	IS5	12:41:43	7.4	Bottom	3	1	18.94	7.62	29.26	92.8	7.24	19.5	7.6
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	IS5	12:42:44	7.4	Bottom	3	2	18.94	7.63	29.23	92.9	7.25	19.2	7.9
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	IS(Mf)6	12:52:42	1.0	Surface	1	1	18.95	7.61	28.91	93.4	7.31	13.9	5.5
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	IS(Mf)6	12:52:09	1.0	Surface	1	2	18.95	7.61	28.88	93.1	7.28	14.1	6.2
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	IS(Mf)6	12:52:25	2.1	Bottom	3	1	18.95	7.61	28.9	93.2	7.29	14.8	5.8
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	IS(Mf)6	12:51:51	2.1	Bottom	3	2	18.95	7.6	28.86	93.1	7.28	14.3	6.2
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	IS7	13:00:44	1.0	Surface	1	1	18.97	7.63	29.27	94.7	7.39	13.5	6.8
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	IS7	13:00:05	1.0	Surface	1	2	18.97	7.62	29.25	94.5	7.37	13.7	7.1
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	IS7	13:00:27	2.3	Bottom	3	1	18.98	7.62	29.27	94.5	7.37	14.4	8.3
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	IS7	12:59:48	2.3	Bottom	3	2	18.97	7.61	29.25	94.6	7.38	13.8	7.7
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	IS8	13:28:32	1.0	Surface	1	1	18.63	7.65	29.52	94.1	7.38	9.8	5.8
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	IS8	13:27:58	1.0	Surface	1	2	18.65	7.64	29.49	94.5	7.4	10.2	5.1
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	IS8	13:27:41	2.6	Bottom	3	1	18.64	7.64	29.51	94.1	7.37	10	5.3
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	IS8	13:28:15	2.6	Bottom	3	2	18.63	7.64	29.53	94.3	7.39	10.1	5.3
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	IS(Mf)9	13:08:01	1.0	Surface	1	1	18.73	7.65	29.28	94	7.37	11.8	5.7
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	IS(Mf)9	13:08:38	1.0	Surface	1	2	18.75	7.65	29.27	94.2	7.38	11.9	5.2
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	IS(Mf)9	13:07:45	2.4	Bottom	3	1	18.72	7.65	29.34	93.6	7.33	11.9	6.4
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	IS(Mf)9	13:08:21	2.4	Bottom	3	2	18.72	7.65	29.36	93.7	7.34	12.1	7.8
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	IS10	13:14:51	1.0	Surface	1	1	17.89	7.94	29.92	91.9	7.29	3.4	2.6
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	IS10	13:13:29	1.0	Surface	1	2	18	7.92	29.61	92.5	7.34	3.4	3.1
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	IS10	13:14:40	5.0	Middle	2	1	17.7	7.94	31.47	92	7.26	3.2	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	2015-03-06	Mid-Ebb	Fine	IS10	13:13:09	5.0	Middle	2	2	17.68	7.93	31.53	92.1	7.26	3.2	2.7
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	IS10	13:14:26	9.0	Bottom	3	1	17.66	7.94	31.65	92	7.25	3.1	3.4
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	IS10	13:12:59	9.0	Bottom	3	2	17.69	7.93	31.53	92.1	7.26	3.3	2.9
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	SR3	12:28:10	0.6	Middle	2	1	18.96	7.56	29.04	94	7.35	17.7	6.5
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	SR3	12:28:34	0.6	Middle	2	2	18.96	7.57	29.04	93.9	7.33	17.9	7.3
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	SR4	13:19:20	1.0	Surface	1	1	18.57	7.62	29.54	93.4	7.33	10.6	6.2
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	SR4	13:19:56	1.0	Surface	1	2	18.57	7.63	29.55	93.3	7.32	10.8	5.3
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	SR4	13:19:36	2.5	Bottom	3	1	18.57	7.62	29.56	93.3	7.32	11.3	4.9
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	SR4	13:19:01	2.5	Bottom	3	2	18.57	7.62	29.54	93.4	7.33	11.4	5.6
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	SR5	13:05:36	1.0	Surface	1	1	17.88	7.93	29.74	92.4	7.33	2.9	3.5
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	SR5	13:05:07	1.0	Surface	1	2	18	7.92	29.74	92.9	7.36	2.6	3.3
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	SR5	13:05:20	4.0	Bottom	3	1	17.77	7.92	31.21	92.4	7.29	3.2	3.7
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	SR5	13:04:45	4.0	Bottom	3	2	17.75	7.93	31.24	92.5	7.3	3.4	3.9
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	SR10A	14:30:19	1.0	Surface	1	1	18.41	7.6	30.62	91.1	7.13	4.7	2.1
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	SR10A	14:31:23	1.0	Surface	1	2	18.41	7.61	30.64	91.1	7.12	4.7	2.8
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	SR10A	14:29:58	3.2	Middle	2	1	18.34	7.6	30.64	91.1	7.13	4.5	2.7
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	SR10A	14:31:04	3.2	Middle	2	2	18.34	7.61	30.65	90.9	7.11	4.7	2.4
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	SR10A	14:30:43	5.4	Bottom	3	1	18.32	7.61	30.67	91	7.12	4.6	2.6
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	SR10A	14:29:36	5.4	Bottom	3	2	18.3	7.6	30.63	91.3	7.14	4.6	2.1
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	SR10B	14:41:04	1.0	Surface	1	1	18.36	7.62	30.79	92.1	7.2	4.7	2.7
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	SR10B	14:41:40	1.0	Surface	1	2	18.34	7.62	30.83	92.7	7.25	4.6	2.2
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	SR10B	14:41:24	4.1	Bottom	3	1	18.34	7.62	30.84	92.9	7.26	4.9	2.1
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	SR10B	14:40:46	4.1	Bottom	3	2	18.35	7.62	30.81	92.5	7.23	4.9	2.2
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	CS2	11:54:57	1.0	Surface	1	1	17.63	7.95	31.83	91.6	7.22	3.3	4.2
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	CS2	11:54:16	1.0	Surface	1	2	17.63	7.97	31.9	92.7	7.3	3.4	4.4
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	CS2	11:54:03	3.6	Middle	2	1	17.55	7.98	32.13	92.9	7.31	4.7	4.6
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	CS2	11:54:43	3.6	Middle	2	2	17.55	7.95	32.1	91.5	7.21	4.2	4.5
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	CS2	11:54:34	6.2	Bottom	3	1	17.5	7.95	32.34	91.8	7.23	5.5	4.6
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	CS2	11:53:52	6.2	Bottom	3	2	17.5	7.99	32.48	94	7.4	5.3	5.3
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	CS(Mf)5	14:05:57	1.0	Surface	1	1	18.46	7.63	30.13	92.8	7.28	7.2	2.9
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	CS(Mf)5	14:07:03	1.0	Surface	1	2	18.45	7.63	30.14	92.6	7.26	7.1	3.7
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	CS(Mf)5	14:06:43	6.7	Middle	2	1	18.35	7.63	30.55	91.8	7.19	7.9	3.8
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	CS(Mf)5	14:05:33	6.7	Middle	2	2	18.35	7.62	30.52	91.7	7.19	7.7	4.1
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	CS(Mf)5	14:06:22	12.4	Bottom	3	1	18.32	7.62	30.62	92.3	7.23	8.2	3.2
HKLR	HY/2011/03	2015-03-06	Mid-Ebb	Fine	CS(Mf)5	14:05:13	12.4	Bottom	3	2	18.33	7.61	30.61	92.3	7.23	8.1	4.6
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	IS5	08:18:37	1.0	Surface	1	1	18.91	7.65	28.96	93	7.28	13.4	7.6
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	IS5	08:17:26	1.0	Surface	1	2	18.91	7.64	28.92	92.6	7.25	13.8	7.4
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	IS5	08:18:15	4.3	Middle	2	1	18.93	7.65	29.05	92.9	7.26	11.3	7.3
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	IS5	08:17:04	4.3	Middle	2	2	18.93	7.64	29.04	92.9	7.26	11.1	8.8
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	IS5	08:16:47	7.6	Bottom	3	1	18.94	7.64	29.06	92.8	7.26	12.3	9.8
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	IS5	08:17:50	7.6	Bottom	3	2	18.95	7.64	29.05	92.7	7.25	12.3	8.1
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	IS(Mf)6	08:08:11	1.0	Surface	1	1	18.84	7.62	28.85	93.8	7.35	16.4	9.9
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	IS(Mf)6	08:08:47	1.0	Surface	1	2	18.86	7.63	28.87	94.1	7.38	16.2	9.7
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	IS(Mf)6	08:08:30	2.3	Bottom	3	1	18.86	7.62	28.89	94.1	7.37	16.9	10.1
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	IS(Mf)6	08:07:54	2.3	Bottom	3	2	18.85	7.62	28.87	93.9	7.36	16.6	9.7
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	IS7	08:00:16	1.0	Surface	1	1	18.78	7.63	29.16	93.2	7.3	16.9	5.1
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	IS7	08:00:53	1.0	Surface	1	2	18.78	7.63	29.16	92.9	7.28	16.6	5.7
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	IS7	07:59:59	2.4	Bottom	3	1	18.78	7.63	29.16	93.3	7.31	16.9	5.9
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	IS7	08:00:36	2.4	Bottom	3	2	18.78	7.63	29.17	93.3	7.31	16.8	5.4
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	IS8	07:35:17	1.0	Surface	1	1	18.5	7.62	29.4	91.8	7.22	10.4	5.6
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	IS8	07:34:31	1.0	Surface	1	2	18.51	7.62	29.43	91.7	7.22	10.6	6
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	IS8	07:34:55	2.8	Bottom	3	1	18.46	7.62	29.57	91.2	7.17	9.7	5.7
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	IS8	07:34:11	2.8	Bottom	3	2	18.5	7.61	29.54	91.3	7.18	9.9	5.8

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	2015-03-06	Mid-Flood	Fine	IS(Mf)9	07:52:21	1.0	Surface	1	1	18.72	7.64	29.11	92.7	7.27	11.2	5.1
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	IS(Mf)9	07:52:55	1.0	Surface	1	2	18.72	7.64	29.12	92.9	7.28	11.3	5.2
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	IS(Mf)9	07:52:39	2.6	Bottom	3	1	18.72	7.64	29.13	92.7	7.27	11.2	6
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	IS(Mf)9	07:52:04	2.6	Bottom	3	2	18.74	7.63	29.17	92.6	7.26	11.3	6.7
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	IS10	07:29:46	1.0	Surface	1	1	17.67	7.94	31.52	92.4	7.29	7.9	10
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	IS10	07:28:59	1.0	Surface	1	2	17.66	7.94	31.55	92.3	7.28	8	9.4
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	IS10	07:28:51	5.1	Middle	2	1	17.65	7.94	31.73	92.2	7.27	8	10.4
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	IS10	07:29:28	5.1	Middle	2	2	17.65	7.94	31.79	92.2	7.26	8.3	10.2
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	IS10	07:28:40	9.1	Bottom	3	1	17.64	7.94	31.82	92.3	7.28	9.3	11.1
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	IS10	07:29:18	9.1	Bottom	3	2	17.64	7.94	31.81	92.2	7.27	9	9.6
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	SR3	08:28:33	0.7	Middle	2	1	18.89	7.65	28.98	94.4	7.38	14.6	7.9
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	SR3	08:28:16	0.7	Middle	2	2	18.89	7.65	28.97	94.5	7.39	14.7	7.2
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	SR4	07:43:07	1.0	Surface	1	1	18.51	7.64	29.4	92.1	7.24	10.3	6.2
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	SR4	07:43:47	1.0	Surface	1	2	18.52	7.64	29.39	92.3	7.26	10.3	5.3
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	SR4	07:42:52	2.7	Bottom	3	1	18.51	7.64	29.52	91.7	7.2	10.5	6.2
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	SR4	07:43:26	2.7	Bottom	3	2	18.49	7.64	29.52	92.2	7.24	10.7	6.7
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	SR5	07:37:10	1.0	Surface	1	1	17.67	7.95	31.58	91.6	7.22	9.1	10.8
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	SR5	07:37:30	1.0	Surface	1	2	17.67	7.94	31.56	91.7	7.23	9.1	10.9
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	SR5	07:37:19	3.8	Bottom	3	1	17.66	7.95	31.64	92.2	7.27	8.9	10.9
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	SR5	07:37:03	3.8	Bottom	3	2	17.67	7.95	31.61	92.3	7.28	9	10.1
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	SR10A	06:28:23	1.0	Surface	1	1	18.34	7.63	30.92	90.3	7.06	4.8	5.7
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	SR10A	06:29:29	1.0	Surface	1	2	18.35	7.64	30.95	90.9	7.1	4.7	4.8
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	SR10A	06:29:12	3.3	Middle	2	1	18.34	7.64	30.99	90.2	7.05	5.3	5.4
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	SR10A	06:28:06	3.3	Middle	2	2	18.34	7.63	30.95	90.3	7.06	5.5	4.3
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	SR10A	06:27:47	5.6	Bottom	3	1	18.34	7.63	30.95	90.1	7.04	6.1	6.7
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	SR10A	06:28:53	5.6	Bottom	3	2	18.34	7.64	30.99	90.2	7.05	6.2	5.6
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	SR10B	06:15:26	1.0	Surface	1	1	18.32	7.6	30.61	90.1	7.06	3.8	4
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	SR10B	06:16:14	1.0	Surface	1	2	18.32	7.61	30.62	90.1	7.05	3.6	3.8
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	SR10B	06:15:49	4.3	Bottom	3	1	18.32	7.61	30.58	89.7	7.03	4.5	4.8
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	SR10B	06:15:06	4.3	Bottom	3	2	18.32	7.6	30.57	90	7.05	4.2	5.4
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	CS2	08:51:34	1.0	Surface	1	1	17.65	7.94	31.73	90.7	7.15	7.8	6.4
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	CS2	08:52:30	1.0	Surface	1	2	17.65	7.94	31.71	91.1	7.18	7.7	7
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	CS2	08:51:23	3.8	Middle	2	1	17.65	7.94	31.72	90.6	7.14	8.3	6.5
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	CS2	08:52:15	3.8	Middle	2	2	17.65	7.94	31.72	90.7	7.15	8.1	6.8
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	CS2	08:51:13	6.6	Bottom	3	1	17.65	7.94	31.72	90.7	7.15	7.9	6.7
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	CS2	08:52:06	6.6	Bottom	3	2	17.65	7.94	31.73	90.3	7.12	8.3	7
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	CS(Mf)5	07:00:32	1.0	Surface	1	1	18.5	7.62	29.19	92.3	7.27	8.2	3.2
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	CS(Mf)5	07:01:37	1.0	Surface	1	2	18.49	7.63	29.21	91.7	7.22	8.4	4.3
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	CS(Mf)5	07:01:17	6.8	Middle	2	1	18.44	7.63	29.43	90.9	7.15	9.5	4.9
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	CS(Mf)5	07:00:08	6.8	Middle	2	2	18.43	7.62	29.4	91.4	7.2	9.9	5.5
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	CS(Mf)5	07:00:57	12.6	Bottom	3	1	18.45	7.63	29.39	91.3	7.19	10.1	4.2
HKLR	HY/2011/03	2015-03-06	Mid-Flood	Fine	CS(Mf)5	06:59:48	12.6	Bottom	3	2	18.44	7.62	29.35	91.6	7.22	10.6	4.6
HKLR	HY/2011/03	2015-03-09	Mid-Ebb	Sunny	IS5	13:40:22	1.0	Surface	1	1	19.43	7.45	30.84	91.6	7.02	16.7	8.5
HKLR	HY/2011/03	2015-03-09	Mid-Ebb	Sunny	IS5	13:40:02	1.0	Surface	1	2	19.5	7.45	30.82	91.5	7.01	16.9	9.2
HKLR	HY/2011/03	2015-03-09	Mid-Ebb	Sunny	IS5	13:40:16	4.4	Middle	2	1	19.4	7.44	30.83	91.7	7.03	17.1	9.2
HKLR	HY/2011/03	2015-03-09	Mid-Ebb	Sunny	IS5	13:39:53	4.4	Middle	2	2	19.38	7.45	30.84	91.2	6.99	16.6	8.9
HKLR	HY/2011/03	2015-03-09	Mid-Ebb	Sunny	IS5	13:39:46	7.7	Bottom	3	1	19.41	7.43	30.82	91.3	7	17.4	9.5
HKLR	HY/2011/03	2015-03-09	Mid-Ebb	Sunny	IS5	13:40:10	7.7	Bottom	3	2	19.47	7.44	30.8	91.4	7	17.1	9.3
HKLR	HY/2011/03	2015-03-09	Mid-Ebb	Sunny	IS(Mf)6	13:46:27	1.0	Surface	1	1	19.61	7.47	30.7	92.2	7.04	15.4	5.9
HKLR	HY/2011/03	2015-03-09	Mid-Ebb	Sunny	IS(Mf)6	13:46:15	1.0	Surface	1	2	19.66	7.47	30.71	92.8	7.08	15.6	6.5
HKLR	HY/2011/03	2015-03-09	Mid-Ebb	Sunny	IS(Mf)6	13:46:21	2.3	Bottom	3	1	19.53	7.47	30.69	92.2	7.06	15.6	6.8
HKLR	HY/2011/03	2015-03-09	Mid-Ebb	Sunny	IS(Mf)6	13:46:06	2.3	Bottom	3	2	19.52	7.46	30.7	92.3	7.06	15.3	6.6
HKLR	HY/2011/03	2015-03-09	Mid-Ebb	Sunny	IS7	13:53:32	1.0	Surface	1	1	19.36	7.47	30.68	93.2	7.16	24.3	6.6

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-03-09	Mid-Ebb	Sunny	IS7	13:53:16	1.0	Surface	1	2	19.43	7.46	30.68	93.9	7.2	24.2	5.1
HKLR	HY/2011/03	2015-03-09	Mid-Ebb	Sunny	IS7	13:53:22	2.3	Bottom	3	1	19.42	7.46	30.68	94.2	7.22	24.5	7.9
HKLR	HY/2011/03	2015-03-09	Mid-Ebb	Sunny	IS7	13:53:08	2.3	Bottom	3	2	19.43	7.45	30.69	94.1	7.21	24.1	8.5
HKLR	HY/2011/03	2015-03-09	Mid-Ebb	Sunny	IS8	14:16:18	1.0	Surface	1	1	19.53	7.53	30.62	93.6	7.17	10.7	6.5
HKLR	HY/2011/03	2015-03-09	Mid-Ebb	Sunny	IS8	14:16:29	1.0	Surface	1	2	19.6	7.5	30.59	93.7	7.17	11	5.7
HKLR	HY/2011/03	2015-03-09	Mid-Ebb	Sunny	IS8	14:16:11	2.9	Bottom	3	1	19.49	7.53	30.5	92.6	7.1	10.6	7.2
HKLR	HY/2011/03	2015-03-09	Mid-Ebb	Sunny	IS8	14:16:23	2.9	Bottom	3	2	19.68	7.52	30.48	93.1	7.11	10.9	7.4
HKLR	HY/2011/03	2015-03-09	Mid-Ebb	Sunny	IS(Mf)9	14:00:29	1.0	Surface	1	1	19.96	7.49	30.69	94.3	7.16	13.5	3
HKLR	HY/2011/03	2015-03-09	Mid-Ebb	Sunny	IS(Mf)9	14:00:11	1.0	Surface	1	2	19.71	7.48	30.69	93.4	7.13	13.7	2.6
HKLR	HY/2011/03	2015-03-09	Mid-Ebb	Sunny	IS(Mf)9	14:00:21	2.6	Bottom	3	1	19.49	7.49	30.6	93.1	7.14	13.2	4.7
HKLR	HY/2011/03	2015-03-09	Mid-Ebb	Sunny	IS(Mf)9	14:00:03	2.6	Bottom	3	2	19.69	7.48	30.52	92.8	7.09	13.5	4.2
HKLR	HY/2011/03	2015-03-09	Mid-Ebb	Sunny	IS10	14:51:47	1.0	Surface	1	1	18.15	7.78	30.35	88.3	6.95	3.9	4.1
HKLR	HY/2011/03	2015-03-09	Mid-Ebb	Sunny	IS10	14:52:27	1.0	Surface	1	2	18.16	7.78	30.36	88.5	6.96	4.1	4.3
HKLR	HY/2011/03	2015-03-09	Mid-Ebb	Sunny	IS10	14:51:37	5.1	Middle	2	1	18	7.78	30.79	88.3	6.96	4.9	4.3
HKLR	HY/2011/03	2015-03-09	Mid-Ebb	Sunny	IS10	14:52:15	5.1	Middle	2	2	17.99	7.78	30.79	87.7	6.91	5.2	3.2
HKLR	HY/2011/03	2015-03-09	Mid-Ebb	Sunny	IS10	14:52:03	9.1	Bottom	3	1	17.99	7.78	30.79	88.7	6.98	5.2	3.9
HKLR	HY/2011/03	2015-03-09	Mid-Ebb	Sunny	IS10	14:51:31	9.1	Bottom	3	2	18	7.78	30.8	88.8	6.99	5	4.4
HKLR	HY/2011/03	2015-03-09	Mid-Ebb	Sunny	SR3	13:31:04	0.8	Middle	2	1	19.53	7.44	30.83	92.2	7.05	14.6	10.7
HKLR	HY/2011/03	2015-03-09	Mid-Ebb	Sunny	SR3	13:30:54	0.8	Middle	2	2	19.53	7.43	30.84	92.8	7.1	14.5	10.4
HKLR	HY/2011/03	2015-03-09	Mid-Ebb	Sunny	SR4	14:09:17	1.0	Surface	1	1	19.72	7.51	30.56	93.4	7.13	11.2	4.3
HKLR	HY/2011/03	2015-03-09	Mid-Ebb	Sunny	SR4	14:09:02	1.0	Surface	1	2	19.52	7.5	30.61	93.4	7.15	11.5	5.9
HKLR	HY/2011/03	2015-03-09	Mid-Ebb	Sunny	SR4	14:09:08	2.7	Bottom	3	1	19.51	7.5	30.48	93.1	7.14	11.3	6.9
HKLR	HY/2011/03	2015-03-09	Mid-Ebb	Sunny	SR4	14:08:52	2.7	Bottom	3	2	19.57	7.49	30.47	92.9	7.11	11	7.3
HKLR	HY/2011/03	2015-03-09	Mid-Ebb	Sunny	SR5	14:42:43	1.0	Surface	1	1	18.2	7.78	30.17	89.8	7.07	2.7	2.9
HKLR	HY/2011/03	2015-03-09	Mid-Ebb	Sunny	SR5	14:42:18	1.0	Surface	1	2	18.2	7.78	30.2	89.4	7.04	3	3.2
HKLR	HY/2011/03	2015-03-09	Mid-Ebb	Sunny	SR5	14:42:29	4.2	Bottom	3	1	18.16	7.78	30.55	89.5	7.03	3.2	4
HKLR	HY/2011/03	2015-03-09	Mid-Ebb	Sunny	SR5	14:42:05	4.2	Bottom	3	2	18.09	7.78	30.64	89.3	7.02	3.1	4.1
HKLR	HY/2011/03	2015-03-09	Mid-Ebb	Sunny	SR10A	15:43:33	1.0	Surface	1	1	18.92	7.54	31.21	90.6	6.99	4.4	2.7
HKLR	HY/2011/03	2015-03-09	Mid-Ebb	Sunny	SR10A	15:43:04	1.0	Surface	1	2	18.91	7.54	31.22	90.5	6.99	4.5	3.8
HKLR	HY/2011/03	2015-03-09	Mid-Ebb	Sunny	SR10A	15:43:24	3.3	Middle	2	1	18.91	7.55	31.22	90.5	6.98	4.3	3.5
HKLR	HY/2011/03	2015-03-09	Mid-Ebb	Sunny	SR10A	15:42:57	3.3	Middle	2	2	18.92	7.49	31.22	90.1	6.95	4.4	3
HKLR	HY/2011/03	2015-03-09	Mid-Ebb	Sunny	SR10A	15:43:15	5.5	Bottom	3	1	18.92	7.55	31.22	90.6	6.99	4.4	2.7
HKLR	HY/2011/03	2015-03-09	Mid-Ebb	Sunny	SR10A	15:42:51	5.5	Bottom	3	2	18.92	7.51	31.22	89.9	6.94	4.2	2.9
HKLR	HY/2011/03	2015-03-09	Mid-Ebb	Sunny	SR10B	15:52:03	1.0	Surface	1	1	18.92	7.49	31.21	90.6	6.99	3.5	2.3
HKLR	HY/2011/03	2015-03-09	Mid-Ebb	Sunny	SR10B	15:51:47	1.0	Surface	1	2	18.92	7.5	31.22	90.5	6.98	3.5	2.3
HKLR	HY/2011/03	2015-03-09	Mid-Ebb	Sunny	SR10B	15:51:40	4.2	Bottom	3	1	18.92	7.51	31.22	91	7.02	3.6	2.3
HKLR	HY/2011/03	2015-03-09	Mid-Ebb	Sunny	SR10B	15:51:53	4.2	Bottom	3	2	18.92	7.49	31.21	90.1	6.96	3.6	2
HKLR	HY/2011/03	2015-03-09	Mid-Ebb	Sunny	CS2	13:27:19	1.0	Surface	1	1	18.34	7.78	30.95	90.6	7.08	3.5	4.6
HKLR	HY/2011/03	2015-03-09	Mid-Ebb	Sunny	CS2	13:28:05	1.0	Surface	1	2	18.31	7.74	30.81	90.5	7.08	3.8	4.4
HKLR	HY/2011/03	2015-03-09	Mid-Ebb	Sunny	CS2	13:27:53	3.8	Middle	2	1	18.14	7.75	30.9	90.1	7.07	4	4.6
HKLR	HY/2011/03	2015-03-09	Mid-Ebb	Sunny	CS2	13:27:08	3.8	Middle	2	2	18.21	7.8	31.09	90.4	7.08	3.8	3.8
HKLR	HY/2011/03	2015-03-09	Mid-Ebb	Sunny	CS2	13:27:44	6.5	Bottom	3	1	18.05	7.75	31.13	89.9	7.06	5	4.1
HKLR	HY/2011/03	2015-03-09	Mid-Ebb	Sunny	CS2	13:26:55	6.5	Bottom	3	2	18.24	7.87	31.19	90.2	7.05	4.8	4.4
HKLR	HY/2011/03	2015-03-09	Mid-Ebb	Sunny	CS(Mf)5	15:07:52	1.0	Surface	1	1	18.99	7.48	30.54	90.9	7.03	7	5.2
HKLR	HY/2011/03	2015-03-09	Mid-Ebb	Sunny	CS(Mf)5	15:07:18	1.0	Surface	1	2	19	7.5	30.48	91.3	7.07	6.7	5.5
HKLR	HY/2011/03	2015-03-09	Mid-Ebb	Sunny	CS(Mf)5	15:07:43	6.1	Middle	2	1	18.88	7.51	30.75	90	6.97	6.8	5
HKLR	HY/2011/03	2015-03-09	Mid-Ebb	Sunny	CS(Mf)5	15:07:03	6.1	Middle	2	2	18.86	7.49	30.78	89.6	6.94	6.6	5
HKLR	HY/2011/03	2015-03-09	Mid-Ebb	Sunny	CS(Mf)5	15:06:54	11.1	Bottom	3	1	18.86	7.47	30.85	90.2	6.98	6.7	4.9
HKLR	HY/2011/03	2015-03-09	Mid-Ebb	Sunny	CS(Mf)5	15:07:32	11.1	Bottom	3	2	18.83	7.49	30.91	90.4	7	6.8	4.6
HKLR	HY/2011/03	2015-03-09	Mid-Flood	Sunny	IS5	09:58:34	1.0	Surface	1	1	19.12	7.4	30.37	91.2	7.05	13.3	7.1
HKLR	HY/2011/03	2015-03-09	Mid-Flood	Sunny	IS5	09:59:04	1.0	Surface	1	2	19.12	7.4	30.37	91	7.03	13.4	6.9
HKLR	HY/2011/03	2015-03-09	Mid-Flood	Sunny	IS5	09:58:55	4.3	Middle	2	1	19.1	7.39	30.4	90.6	7.01	13.2	8.4
HKLR	HY/2011/03	2015-03-09	Mid-Flood	Sunny	IS5	09:58:26	4.3	Middle	2	2	19.11	7.4	30.38	91	7.03	13.2	8.2

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	2015-03-09	Mid-Flood	Sunny	IS5	09:58:44	7.6	Bottom	3	1	19.11	7.37	30.4	90.8	7.02	13.2	7.5
HKLR	HY/2011/03	2015-03-09	Mid-Flood	Sunny	IS5	09:58:16	7.6	Bottom	3	2	19.11	7.39	30.39	90.4	6.98	13.2	7.5
HKLR	HY/2011/03	2015-03-09	Mid-Flood	Sunny	IS(Mf)6	09:49:20	1.0	Surface	1	1	19.13	7.49	30.27	92	7.11	12.7	7.3
HKLR	HY/2011/03	2015-03-09	Mid-Flood	Sunny	IS(Mf)6	09:49:35	1.0	Surface	1	2	19.12	7.5	30.29	92	7.11	12.1	7.5
HKLR	HY/2011/03	2015-03-09	Mid-Flood	Sunny	IS(Mf)6	09:49:28	2.2	Bottom	3	1	19.11	7.5	30.33	91.6	7.08	12.4	7.9
HKLR	HY/2011/03	2015-03-09	Mid-Flood	Sunny	IS(Mf)6	09:49:08	2.2	Bottom	3	2	19.11	7.49	30.32	91.8	7.1	12.3	7.4
HKLR	HY/2011/03	2015-03-09	Mid-Flood	Sunny	IS7	09:42:39	1.0	Surface	1	1	19.18	7.35	30.05	91.7	7.09	13.7	7.8
HKLR	HY/2011/03	2015-03-09	Mid-Flood	Sunny	IS7	09:42:52	1.0	Surface	1	2	19.18	7.36	30.09	91.7	7.09	13.1	6.7
HKLR	HY/2011/03	2015-03-09	Mid-Flood	Sunny	IS7	09:42:44	2.2	Bottom	3	1	19.16	7.36	30.08	91.6	7.09	13.6	6.3
HKLR	HY/2011/03	2015-03-09	Mid-Flood	Sunny	IS7	09:42:30	2.2	Bottom	3	2	19.14	7.34	30.05	91.7	7.1	13.5	8.1
HKLR	HY/2011/03	2015-03-09	Mid-Flood	Sunny	IS8	09:21:09	1.0	Surface	1	1	18.82	7.34	29.19	90.6	7.09	24.6	18.4
HKLR	HY/2011/03	2015-03-09	Mid-Flood	Sunny	IS8	09:20:52	1.0	Surface	1	2	18.81	7.31	29.03	90.5	7.09	24.3	18.8
HKLR	HY/2011/03	2015-03-09	Mid-Flood	Sunny	IS8	09:20:44	3.0	Bottom	3	1	18.81	7.28	28.98	90.5	7.09	24.2	18.2
HKLR	HY/2011/03	2015-03-09	Mid-Flood	Sunny	IS8	09:20:59	3.0	Bottom	3	2	18.81	7.32	29.15	91	7.12	24.3	17.1
HKLR	HY/2011/03	2015-03-09	Mid-Flood	Sunny	IS(Mf)9	09:33:58	1.0	Surface	1	1	19.05	7.51	30.05	91.3	7.08	13.3	6.4
HKLR	HY/2011/03	2015-03-09	Mid-Flood	Sunny	IS(Mf)9	09:34:15	1.0	Surface	1	2	19.06	7.51	30.07	91.5	7.09	13.6	5.7
HKLR	HY/2011/03	2015-03-09	Mid-Flood	Sunny	IS(Mf)9	09:33:49	2.7	Bottom	3	1	19.06	7.5	30.08	92	7.13	13.6	5
HKLR	HY/2011/03	2015-03-09	Mid-Flood	Sunny	IS(Mf)9	09:34:05	2.7	Bottom	3	2	19.06	7.5	30.1	91.4	7.08	13.7	5.2
HKLR	HY/2011/03	2015-03-09	Mid-Flood	Sunny	IS10	08:56:43	1.0	Surface	1	1	17.84	7.87	31.15	90.1	7.1	9.9	10.2
HKLR	HY/2011/03	2015-03-09	Mid-Flood	Sunny	IS10	08:56:06	1.0	Surface	1	2	17.85	7.87	31.15	90.1	7.1	9.6	8.9
HKLR	HY/2011/03	2015-03-09	Mid-Flood	Sunny	IS10	08:55:51	4.9	Middle	2	1	17.84	7.87	31.16	90	7.09	10.8	13.4
HKLR	HY/2011/03	2015-03-09	Mid-Flood	Sunny	IS10	08:56:25	4.9	Middle	2	2	17.83	7.87	31.18	89.9	7.09	10.8	12.8
HKLR	HY/2011/03	2015-03-09	Mid-Flood	Sunny	IS10	08:56:18	8.8	Bottom	3	1	17.84	7.87	31.18	90	7.09	10.5	12.8
HKLR	HY/2011/03	2015-03-09	Mid-Flood	Sunny	IS10	08:55:41	8.8	Bottom	3	2	17.84	7.87	31.17	90.2	7.11	10.6	12.3
HKLR	HY/2011/03	2015-03-09	Mid-Flood	Sunny	SR3	10:05:51	0.8	Middle	2	1	19.14	7.43	30.36	91.6	7.07	13.3	7.8
HKLR	HY/2011/03	2015-03-09	Mid-Flood	Sunny	SR3	10:05:46	0.8	Middle	2	2	19.13	7.42	30.36	91.4	7.06	13.1	9.3
HKLR	HY/2011/03	2015-03-09	Mid-Flood	Sunny	SR4	09:26:34	1.0	Surface	1	1	18.8	7.43	29.64	89.9	7.02	25.3	18.1
HKLR	HY/2011/03	2015-03-09	Mid-Flood	Sunny	SR4	09:26:22	1.0	Surface	1	2	18.81	7.42	29.62	90	7.03	25.1	17.7
HKLR	HY/2011/03	2015-03-09	Mid-Flood	Sunny	SR4	09:26:10	2.7	Bottom	3	1	18.81	7.42	29.58	90.5	7.07	25.4	35.6
HKLR	HY/2011/03	2015-03-09	Mid-Flood	Sunny	SR4	09:26:27	2.7	Bottom	3	2	18.8	7.42	29.63	90.3	7.05	25.6	37.4
HKLR	HY/2011/03	2015-03-09	Mid-Flood	Sunny	SR5	09:06:35	1.0	Surface	1	1	17.85	7.87	31.14	90.1	7.1	8.9	13
HKLR	HY/2011/03	2015-03-09	Mid-Flood	Sunny	SR5	09:07:00	1.0	Surface	1	2	17.85	7.87	31.15	89.5	7.06	9	12.9
HKLR	HY/2011/03	2015-03-09	Mid-Flood	Sunny	SR5	09:06:12	4.0	Bottom	3	1	17.84	7.87	31.17	89.9	7.08	10.4	12.8
HKLR	HY/2011/03	2015-03-09	Mid-Flood	Sunny	SR5	09:06:50	4.0	Bottom	3	2	17.84	7.87	31.17	90	7.09	10.6	12.3
HKLR	HY/2011/03	2015-03-09	Mid-Flood	Sunny	SR10A	08:12:03	1.0	Surface	1	1	18.69	7.41	29.49	89.9	7.04	3.5	3.9
HKLR	HY/2011/03	2015-03-09	Mid-Flood	Sunny	SR10A	08:12:33	1.0	Surface	1	2	18.7	7.41	29.59	89.9	7.03	3.5	5.4
HKLR	HY/2011/03	2015-03-09	Mid-Flood	Sunny	SR10A	08:12:23	3.3	Middle	2	1	18.69	7.4	29.57	89.8	7.03	3.6	3.4
HKLR	HY/2011/03	2015-03-09	Mid-Flood	Sunny	SR10A	08:11:53	3.3	Middle	2	2	18.68	7.4	29.5	89.5	7.01	3.7	4.9
HKLR	HY/2011/03	2015-03-09	Mid-Flood	Sunny	SR10A	08:12:14	5.6	Bottom	3	1	18.68	7.38	29.58	89.5	7	3.8	4.5
HKLR	HY/2011/03	2015-03-09	Mid-Flood	Sunny	SR10A	08:11:44	5.6	Bottom	3	2	18.69	7.39	29.47	89.8	7.03	3.7	5.5
HKLR	HY/2011/03	2015-03-09	Mid-Flood	Sunny	SR10B	08:02:50	1.0	Surface	1	1	18.69	7.26	28.41	89.3	7.04	3.6	4.6
HKLR	HY/2011/03	2015-03-09	Mid-Flood	Sunny	SR10B	08:03:17	1.0	Surface	1	2	18.69	7.33	28.83	89.5	7.04	3.5	4.6
HKLR	HY/2011/03	2015-03-09	Mid-Flood	Sunny	SR10B	08:02:41	4.2	Bottom	3	1	18.69	7.23	28.24	89.3	7.05	3.5	4.8
HKLR	HY/2011/03	2015-03-09	Mid-Flood	Sunny	SR10B	08:03:05	4.2	Bottom	3	2	18.68	7.29	28.76	89.2	7.02	3.5	4.6
HKLR	HY/2011/03	2015-03-09	Mid-Flood	Sunny	CS2	10:27:37	1.0	Surface	1	1	18	7.86	30.54	89.7	7.07	6.6	5.9
HKLR	HY/2011/03	2015-03-09	Mid-Flood	Sunny	CS2	10:28:08	1.0	Surface	1	2	18	7.86	30.56	89.6	7.06	6.2	6.3
HKLR	HY/2011/03	2015-03-09	Mid-Flood	Sunny	CS2	10:27:59	3.8	Middle	2	1	17.93	7.86	30.8	89	7.01	8.3	5.4
HKLR	HY/2011/03	2015-03-09	Mid-Flood	Sunny	CS2	10:27:26	3.8	Middle	2	2	17.93	7.87	30.83	88.9	7.01	8	6.4
HKLR	HY/2011/03	2015-03-09	Mid-Flood	Sunny	CS2	10:27:49	6.6	Bottom	3	1	17.93	7.86	30.97	89.2	7.03	7.8	6.8
HKLR	HY/2011/03	2015-03-09	Mid-Flood	Sunny	CS2	10:27:16	6.6	Bottom	3	2	17.91	7.87	31.09	89.1	7.01	8.3	6
HKLR	HY/2011/03	2015-03-09	Mid-Flood	Sunny	CS(Mf)5	08:41:30	1.0	Surface	1	1	18.82	7.39	29.69	90.9	7.09	6.6	3.5
HKLR	HY/2011/03	2015-03-09	Mid-Flood	Sunny	CS(Mf)5	08:40:47	1.0	Surface	1	2	18.81	7.37	29.68	90.4	7.06	6.4	3.3
HKLR	HY/2011/03	2015-03-09	Mid-Flood	Sunny	CS(Mf)5	08:40:34	6.2	Middle	2	1	18.72	7.36	29.96	90	7.02	6.3	4.4

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-03-09	Mid-Flood	Sunny	CS(Mf)5	08:41:16	6.2	Middle	2	2	18.73	7.39	29.91	89.3	6.97	6.5	3.8
HKLR	HY/2011/03	2015-03-09	Mid-Flood	Sunny	CS(Mf)5	08:41:05	11.3	Bottom	3	1	18.67	7.36	30.4	89.4	6.96	6.5	3.5
HKLR	HY/2011/03	2015-03-09	Mid-Flood	Sunny	CS(Mf)5	08:40:24	11.3	Bottom	3	2	18.71	7.33	30.22	89.9	7.01	6.5	3.6
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	IS5	15:02:48	1.0	Surface	1	1	18.87	7.53	31.39	92.3	7.12	18.3	8.8
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	IS5	15:02:18	1.0	Surface	1	2	18.87	7.53	31.39	92.2	7.12	18.3	8.1
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	IS5	15:02:40	4.4	Middle	2	1	18.88	7.54	31.41	91.7	7.08	17.9	9.3
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	IS5	15:02:09	4.4	Middle	2	2	18.88	7.54	31.43	91.5	7.06	18.2	10.1
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	IS5	15:02:00	7.7	Bottom	3	1	18.88	7.52	31.43	92.1	7.11	18.1	9.6
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	IS5	15:02:31	7.7	Bottom	3	2	18.88	7.52	31.42	91.9	7.09	18.5	10.2
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	IS(Mf)6	15:09:20	1.0	Surface	1	1	18.83	7.52	31.08	92.8	7.18	14.1	7.1
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	IS(Mf)6	15:09:34	1.0	Surface	1	2	18.83	7.53	31.08	92.6	7.16	13.9	8.3
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	IS(Mf)6	15:09:27	2.2	Bottom	3	1	18.83	7.53	31.08	92.3	7.14	13.9	7.7
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	IS(Mf)6	15:09:12	2.2	Bottom	3	2	18.83	7.52	31.08	93.3	7.22	14.2	7.4
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	IS7	15:17:55	1.0	Surface	1	1	18.87	7.59	31.04	95	7.34	11.3	6.2
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	IS7	15:17:40	1.0	Surface	1	2	18.87	7.58	31.03	94.8	7.33	11.3	6.9
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	IS7	15:17:33	2.2	Bottom	3	1	18.87	7.58	31.04	94.8	7.33	11.7	5
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	IS7	15:17:46	2.2	Bottom	3	2	18.87	7.58	31.04	94.6	7.32	11.3	6.4
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	IS8	15:39:51	1.0	Surface	1	1	18.76	7.5	30.81	91.5	7.1	11	6.7
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	IS8	15:40:03	1.0	Surface	1	2	18.76	7.48	30.81	91.5	7.1	11	6.5
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	IS8	15:39:44	2.8	Bottom	3	1	18.76	7.47	30.81	91	7.06	11.2	6.6
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	IS8	15:39:56	2.8	Bottom	3	2	18.76	7.48	30.82	91.2	7.07	11.3	6.9
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	IS(Mf)9	15:25:48	1.0	Surface	1	1	18.71	7.57	30.85	94.7	7.36	16	7.8
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	IS(Mf)9	15:26:06	1.0	Surface	1	2	18.71	7.58	30.85	94.5	7.34	16.4	7.4
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	IS(Mf)9	15:25:39	2.7	Bottom	3	1	18.71	7.56	30.85	94.8	7.36	16.7	7.2
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	IS(Mf)9	15:25:57	2.7	Bottom	3	2	18.71	7.57	30.85	94.4	7.33	16.1	8.1
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	IS10	16:01:38	1.0	Surface	1	1	17.9	7.88	30.48	89.8	7.1	3	4.4
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	IS10	16:00:58	1.0	Surface	1	2	17.91	7.88	30.49	90.1	7.12	3.1	3.2
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	IS10	16:00:42	5.0	Middle	2	1	17.88	7.87	31.36	90.1	7.09	4.5	3.1
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	IS10	16:01:22	5.0	Middle	2	2	17.88	7.87	31.34	89.8	7.06	4.4	4.9
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	IS10	16:00:31	9.0	Bottom	3	1	17.88	7.88	31.36	90.8	7.14	4.4	5.8
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	IS10	16:01:13	9.0	Bottom	3	2	17.88	7.87	31.32	90.2	7.1	4.2	5
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	SR3	14:51:51	0.7	Middle	2	1	18.86	7.54	31.38	93.4	7.21	16.2	8.9
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	SR3	14:52:21	0.7	Middle	2	2	18.86	7.53	31.39	92.9	7.17	16.4	8.9
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	SR4	15:33:25	1.0	Surface	1	1	18.76	7.57	30.82	91.5	7.1	11.8	6.6
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	SR4	15:33:46	1.0	Surface	1	2	18.76	7.52	30.82	91.7	7.12	11.6	6.5
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	SR4	15:33:34	2.7	Bottom	3	1	18.76	7.58	30.83	91.7	7.11	12	7.7
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	SR4	15:33:18	2.7	Bottom	3	2	18.76	7.57	30.83	92.3	7.16	11.8	6
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	SR5	15:51:50	1.0	Surface	1	1	17.89	7.87	30.83	90.4	7.13	3.3	2.9
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	SR5	15:51:37	1.0	Surface	1	2	17.9	7.87	30.77	90.4	7.13	3.1	3.4
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	SR5	15:51:28	4.2	Bottom	3	1	17.88	7.86	31.31	91	7.16	3.6	4.1
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	SR5	15:51:44	4.2	Bottom	3	2	17.9	7.87	31.07	90.8	7.15	3.2	3.2
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	SR10A	16:46:31	1.0	Surface	1	1	18.71	7.51	31.65	90	6.96	2.6	1.5
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	SR10A	16:46:10	1.0	Surface	1	2	18.7	7.49	31.68	90.5	7	2.6	1.4
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	SR10A	16:46:24	3.2	Middle	2	1	18.71	7.5	31.67	90.3	6.98	2.7	1.6
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	SR10A	16:46:03	3.2	Middle	2	2	18.69	7.48	31.79	90.2	6.97	2.6	1
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	SR10A	16:46:18	5.4	Bottom	3	1	18.71	7.49	31.68	90.6	7	2.6	1.5
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	SR10A	16:45:56	5.4	Bottom	3	2	18.7	7.47	31.74	90.3	6.97	2.7	1.7
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	SR10B	16:56:41	1.0	Surface	1	1	18.7	7.55	31.68	90.1	6.96	2.5	1.4
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	SR10B	16:56:58	1.0	Surface	1	2	18.69	7.56	31.73	90.4	6.98	2.7	1.3
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	SR10B	16:56:51	4.1	Bottom	3	1	18.69	7.56	31.78	90.3	6.97	2.6	1.2
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	SR10B	16:56:32	4.1	Bottom	3	2	18.7	7.55	31.74	90.3	6.98	2.5	1.6
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	CS2	14:42:29	1.0	Surface	1	1	17.9	7.88	30.95	90	7.09	4.2	2.8
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	CS2	14:41:58	1.0	Surface	1	2	17.91	7.89	31.07	90.8	7.15	4.2	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	2015-03-11	Mid-Ebb	Cloudy	CS2	14:41:50	3.9	Middle	2	1	17.89	7.89	31.49	91.1	7.16	5.6	3.5
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	CS2	14:42:19	3.9	Middle	2	2	17.89	7.88	31.48	89.9	7.07	5.2	4
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	CS2	14:42:13	6.7	Bottom	3	1	17.89	7.88	31.51	90.5	7.11	6.6	3.9
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	CS2	14:41:41	6.7	Bottom	3	2	17.88	7.89	31.59	93	7.3	6.3	3.5
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	CS(Mf)5	16:21:00	1.0	Surface	1	1	18.77	7.4	30.99	91	7.05	7.1	4.3
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	CS(Mf)5	16:20:24	1.0	Surface	1	2	18.76	7.46	30.97	90.5	7.02	7.1	4.7
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	CS(Mf)5	16:20:49	6.3	Middle	2	1	18.73	7.42	31.28	90	6.96	7.4	5.1
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	CS(Mf)5	16:20:12	6.3	Middle	2	2	18.72	7.53	31.41	90	6.96	7.2	4.2
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	CS(Mf)5	16:20:38	11.5	Bottom	3	1	18.72	7.39	31.6	90.4	6.99	7.6	4.5
HKLR	HY/2011/03	2015-03-11	Mid-Ebb	Cloudy	CS(Mf)5	16:20:03	11.5	Bottom	3	2	18.73	7.49	31.52	90.7	7.01	7.7	3.9
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	IS5	10:33:10	1.0	Surface	1	1	18.81	7.43	30.14	92.4	7.19	14.2	8.5
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	IS5	10:32:42	1.0	Surface	1	2	18.82	7.42	30.15	92	7.16	14.6	8.6
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	IS5	10:32:35	4.5	Middle	2	1	18.87	7.42	30.19	92.2	7.17	14.6	8.2
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	IS5	10:33:02	4.5	Middle	2	2	18.84	7.42	30.18	92.3	7.18	14.5	8.1
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	IS5	10:32:27	7.9	Bottom	3	1	18.83	7.41	30.22	93	7.23	14.9	9.4
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	IS5	10:32:51	7.9	Bottom	3	2	18.83	7.4	30.19	92.5	7.2	14.2	9.1
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	IS(Mf)6	10:24:28	1.0	Surface	1	1	18.78	7.43	30.12	93.6	7.29	23	14
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	IS(Mf)6	10:24:43	1.0	Surface	1	2	18.77	7.45	30.11	93.2	7.26	22.3	14.9
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	IS(Mf)6	10:24:34	2.1	Bottom	3	1	18.77	7.44	30.12	93.5	7.28	22.4	13.8
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	IS(Mf)6	10:24:22	2.1	Bottom	3	2	18.79	7.42	30.13	94.2	7.33	22.8	14.1
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	IS7	10:17:53	1.0	Surface	1	1	18.9	7.44	30.22	92.9	7.21	22.9	14.4
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	IS7	10:17:41	1.0	Surface	1	2	18.89	7.43	30.22	93.8	7.29	22.8	15
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	IS7	10:17:46	2.1	Bottom	3	1	18.89	7.43	30.22	93.8	7.28	22.3	14.6
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	IS7	10:17:34	2.1	Bottom	3	2	18.89	7.42	30.22	94.4	7.33	23	14.9
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	IS8	09:56:26	1.0	Surface	1	1	18.72	7.38	30.11	91.5	7.14	9.2	7.7
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	IS8	09:55:52	1.0	Surface	1	2	18.74	7.43	30.13	94.5	7.37	9.5	9.7
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	IS8	09:56:09	3.0	Bottom	3	1	18.75	7.41	30.15	91.7	7.15	9.5	12.4
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	IS8	09:55:40	3.0	Bottom	3	2	18.71	7.4	30.12	98.4	7.68	9.2	10.3
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	IS(Mf)9	10:11:16	1.0	Surface	1	1	18.8	7.45	30.07	93.6	7.29	16.6	10.5
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	IS(Mf)9	10:11:39	1.0	Surface	1	2	18.82	7.47	30.06	92.3	7.19	17.6	10.5
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	IS(Mf)9	10:11:07	2.7	Bottom	3	1	18.81	7.44	30.07	92.8	7.23	17	10.9
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	IS(Mf)9	10:11:25	2.7	Bottom	3	2	18.82	7.45	30.08	92.8	7.22	17.2	11.4
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	IS10	10:03:26	1.0	Surface	1	1	17.83	7.86	31.38	89.3	7.03	6.6	10.5
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	IS10	10:02:31	1.0	Surface	1	2	17.84	7.85	31.47	89.5	7.04	6.2	9.1
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	IS10	10:03:09	5.1	Middle	2	1	17.85	7.86	31.61	89.3	7.02	6.1	10.1
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	IS10	10:02:16	5.1	Middle	2	2	17.85	7.86	31.61	89.8	7.05	6.6	10.7
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	IS10	10:02:01	9.2	Bottom	3	1	17.85	7.86	31.62	90.2	7.09	5.1	10.7
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	IS10	10:03:02	9.2	Bottom	3	2	17.85	7.86	31.66	89.6	7.04	5.5	11.6
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	SR3	10:40:53	0.7	Middle	2	1	18.78	7.49	30.14	92.6	7.21	13.5	10.6
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	SR3	10:40:59	0.7	Middle	2	2	18.8	7.5	30.14	92.7	7.21	13.1	9.5
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	SR4	10:00:56	1.0	Surface	1	1	18.71	7.47	30.07	90.1	7.03	14.3	10
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	SR4	10:01:12	1.0	Surface	1	2	18.71	7.48	30.06	90.8	7.08	14.1	10.2
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	SR4	10:00:39	2.6	Bottom	3	1	18.71	7.46	30.08	90.5	7.06	13.9	11.7
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	SR4	10:01:02	2.6	Bottom	3	2	18.71	7.47	30.07	90	7.02	13.9	10.1
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	SR5	10:13:38	1.0	Surface	1	1	17.82	7.86	31.38	89.5	7.04	7.8	9.7
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	SR5	10:14:02	1.0	Surface	1	2	17.84	7.86	31.43	89.4	7.03	7.3	9.5
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	SR5	10:13:51	4.0	Bottom	3	1	17.85	7.86	31.59	89.7	7.05	7.2	8.6
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	SR5	10:13:16	4.0	Bottom	3	2	17.84	7.86	31.53	89.2	7.01	7.3	8.8
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	SR10A	08:52:18	1.0	Surface	1	1	18.68	7.36	30.02	88.5	6.91	5.3	3.6
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	SR10A	08:51:49	1.0	Surface	1	2	18.68	7.33	29.89	88.6	6.93	5.3	4
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	SR10A	08:51:39	3.3	Middle	2	1	18.68	7.31	29.87	88.1	6.88	5.2	3
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	SR10A	08:52:08	3.3	Middle	2	2	18.68	7.34	30.05	88.1	6.88	5.4	3.6
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	SR10A	08:51:31	5.6	Bottom	3	1	18.68	7.29	29.84	88.8	6.94	5.4	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	2015-03-11	Mid-Flood	Cloudy	SR10A	08:52:01	5.6	Bottom	3	2	18.68	7.32	30.05	88.5	6.91	5.5	3
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	SR10B	08:41:38	1.0	Surface	1	1	18.68	7.27	28.2	88.9	7.02	6.3	3.4
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	SR10B	08:41:53	1.0	Surface	1	2	18.68	7.22	28.63	89	7.01	6.5	5.1
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	SR10B	08:41:46	3.8	Bottom	3	1	18.68	7.27	28.47	89.1	7.02	6.4	5.7
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	SR10B	08:41:30	3.8	Bottom	3	2	18.68	7.26	27.9	89.5	7.08	6.4	6.4
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	CS2	11:34:03	1.0	Surface	1	1	17.95	7.86	30.89	89.5	7.05	5.6	6.8
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	CS2	11:34:41	1.0	Surface	1	2	17.97	7.86	30.87	89.6	7.05	6.1	7.2
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	CS2	11:34:30	3.8	Middle	2	1	17.98	7.86	30.93	89.3	7.03	11.3	7.7
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	CS2	11:33:46	3.8	Middle	2	2	17.96	7.86	30.91	89.4	7.04	11.2	6.7
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	CS2	11:33:33	6.5	Bottom	3	1	17.97	7.86	30.96	89.4	7.03	9.3	6.6
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	CS2	11:34:20	6.5	Bottom	3	2	17.98	7.86	30.99	89.5	7.04	9.1	7
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	CS(Mf)5	09:21:07	1.0	Surface	1	1	18.75	7.46	30.05	90.1	7.02	7.8	6.1
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	CS(Mf)5	09:20:27	1.0	Surface	1	2	18.77	7.45	30.08	89.7	6.99	8.1	5.6
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	CS(Mf)5	09:20:54	6.4	Middle	2	1	18.77	7.45	30.33	89.3	6.95	8.2	6.1
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	CS(Mf)5	09:20:19	6.4	Middle	2	2	18.78	7.44	30.28	89.6	6.97	8.3	6.7
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	CS(Mf)5	09:20:07	11.7	Bottom	3	1	18.76	7.42	30.43	90.1	7.01	9.1	6.1
HKLR	HY/2011/03	2015-03-11	Mid-Flood	Cloudy	CS(Mf)5	09:20:43	11.7	Bottom	3	2	18.76	7.43	30.48	89.8	6.98	9.3	5.9
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	IS5	16:57:58	1.0	Surface	1	1	18.5	7.43	32.27	91	7.03	16.3	6
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	IS5	16:58:27	1.0	Surface	1	2	18.5	7.43	32.26	91	7.04	16.6	6
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	IS5	16:57:49	4.0	Middle	2	1	18.49	7.44	32.27	90.8	7.02	16.4	7
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	IS5	16:58:18	4.0	Middle	2	2	18.49	7.43	32.26	91.1	7.04	16.5	7
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	IS5	16:58:11	7.0	Bottom	3	1	18.49	7.41	32.28	90.8	7.02	16.8	6.4
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	IS5	16:57:39	7.0	Bottom	3	2	18.49	7.41	32.29	91.6	7.08	16.9	6.3
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	IS(Mf)6	17:05:21	1.0	Surface	1	1	18.41	7.47	31.69	92.8	7.21	15.4	8.3
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	IS(Mf)6	17:05:47	1.0	Surface	1	2	18.4	7.43	31.68	92.8	7.21	15.3	7.2
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	IS(Mf)6	17:05:11	2.1	Bottom	3	1	18.4	7.47	31.69	93.6	7.27	15.7	6.2
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	IS(Mf)6	17:05:34	2.1	Bottom	3	2	18.38	7.4	31.65	93.2	7.25	15.5	6.6
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	IS7	17:12:20	1.0	Surface	1	1	18.42	7.49	31.54	93.5	7.27	14	6.7
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	IS7	17:12:33	1.0	Surface	1	2	18.42	7.5	31.54	93.3	7.25	14.2	7.2
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	IS7	17:12:26	2.2	Bottom	3	1	18.42	7.49	31.53	93.2	7.25	14.3	7.6
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	IS7	17:12:14	2.2	Bottom	3	2	18.42	7.48	31.53	94.4	7.34	14.1	8.7
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	IS8	17:33:51	1.0	Surface	1	1	18.51	7.51	31.21	92	7.16	21.4	10.8
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	IS8	17:34:05	1.0	Surface	1	2	18.52	7.51	31.2	92.2	7.17	22.1	10.1
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	IS8	17:33:56	3.0	Bottom	3	1	18.52	7.5	31.2	92.6	7.21	22.4	11.8
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	IS8	17:33:42	3.0	Bottom	3	2	18.5	7.5	31.21	92.5	7.19	21.5	10.5
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	IS(Mf)9	17:18:09	1.0	Surface	1	1	18.45	7.46	31.34	93	7.24	16.4	8.8
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	IS(Mf)9	17:18:29	1.0	Surface	1	2	18.45	7.47	31.35	92.7	7.21	16.6	8.7
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	IS(Mf)9	17:17:58	2.7	Bottom	3	1	18.45	7.43	31.34	92.7	7.21	16.5	8.4
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	IS(Mf)9	17:18:20	2.7	Bottom	3	2	18.44	7.46	31.36	93.1	7.24	16.3	8.2
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	IS10	17:59:57	1.0	Surface	1	1	17.67	7.89	31.51	88.8	7.01	3.6	4.6
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	IS10	18:00:28	1.0	Surface	1	2	17.67	7.89	31.49	89.3	7.05	3.6	3.9
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	IS10	17:59:38	5.2	Middle	2	1	17.67	7.89	31.65	88.3	6.96	4.6	2.5
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	IS10	18:00:16	5.2	Middle	2	2	17.67	7.89	31.63	89.1	7.02	4.4	4.1
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	IS10	17:59:31	9.3	Bottom	3	1	17.68	7.89	31.71	88.5	6.98	4.3	5.3
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	IS10	18:00:09	9.3	Bottom	3	2	17.68	7.89	31.73	89.1	7.02	4.1	5.6
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	SR3	16:46:50	0.7	Middle	2	1	18.49	7.44	32.25	92	7.11	15.3	6.1
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	SR3	16:46:39	0.7	Middle	2	2	18.49	7.42	32.25	92.7	7.16	15.7	6.3
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	SR4	17:28:14	1.0	Surface	1	1	18.51	7.48	31.22	92.9	7.22	21.6	11.1
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	SR4	17:28:28	1.0	Surface	1	2	18.52	7.49	31.21	92.6	7.2	21.7	11.2
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	SR4	17:28:20	2.6	Bottom	3	1	18.52	7.48	31.21	92.4	7.19	21.3	9.7
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	SR4	17:28:08	2.6	Bottom	3	2	18.52	7.48	31.2	93.8	7.29	21.3	10.5
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	SR5	17:53:04	1.0	Surface	1	1	17.67	7.89	31.54	89.1	7.03	3.6	5.5
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	SR5	17:52:46	1.0	Surface	1	2	17.67	7.89	31.53	89.3	7.05	3.6	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	2015-03-13	Mid-Ebb	Fine	SR5	17:52:55	4.2	Bottom	3	1	17.67	7.89	31.54	89	7.02	3.7	5.8
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	SR5	17:52:35	4.2	Bottom	3	2	17.67	7.89	31.54	89.1	7.03	3.6	5.2
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	SR10A	18:52:35	1.0	Surface	1	1	18.55	7.49	32.25	89	6.88	4.1	1.4
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	SR10A	18:52:10	1.0	Surface	1	2	18.55	7.49	32.25	88.7	6.85	4.2	2.1
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	SR10A	18:52:28	3.2	Middle	2	1	18.55	7.5	32.26	88.9	6.86	4.4	1.6
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	SR10A	18:52:01	3.2	Middle	2	2	18.55	7.48	32.25	89.2	6.89	4.6	2.3
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	SR10A	18:52:21	5.3	Bottom	3	1	18.55	7.48	32.26	88.5	6.83	4.3	1
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	SR10A	18:51:56	5.3	Bottom	3	2	18.55	7.47	32.26	89.5	6.91	4.5	1.8
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	SR10B	19:00:32	1.0	Surface	1	1	18.55	7.51	32.24	89	6.88	1.2	1.2
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	SR10B	19:00:47	1.0	Surface	1	2	18.55	7.5	32.24	88.8	6.86	1.2	1.3
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	SR10B	19:00:25	4.0	Bottom	3	1	18.55	7.51	32.25	88.8	6.86	1.2	1.3
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	SR10B	19:00:37	4.0	Bottom	3	2	18.55	7.5	32.25	89.1	6.88	1.3	1.3
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	CS2	16:37:59	1.0	Surface	1	1	17.67	7.95	31.67	90.6	7.14	2.8	3.1
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	CS2	16:38:48	1.0	Surface	1	2	17.67	7.92	31.58	90.1	7.11	3	4.4
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	CS2	16:37:47	3.9	Middle	2	1	17.67	7.96	31.74	90.6	7.14	2.9	3.9
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	CS2	16:38:31	3.9	Middle	2	2	17.67	7.93	31.65	90	7.09	3.2	3.8
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	CS2	16:37:15	6.7	Bottom	3	1	17.67	7.94	32.12	91.5	7.19	3.4	4.6
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	CS2	16:38:20	6.7	Bottom	3	2	17.67	7.94	31.96	89.7	7.06	3.4	4.6
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	CS(Mf)5	18:29:10	1.0	Surface	1	1	18.57	7.44	31.45	89.4	6.94	5.5	3.1
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	CS(Mf)5	18:29:50	1.0	Surface	1	2	18.57	7.46	31.44	90.8	7.04	5.4	3.4
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	CS(Mf)5	18:28:58	6.1	Middle	2	1	18.56	7.46	32.08	88.3	6.82	5.3	3
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	CS(Mf)5	18:29:34	6.1	Middle	2	2	18.58	7.45	31.69	88.7	6.87	5.5	2.7
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	CS(Mf)5	18:29:22	11.1	Bottom	3	1	18.58	7.4	31.97	89.6	6.93	5.6	4.4
HKLR	HY/2011/03	2015-03-13	Mid-Ebb	Fine	CS(Mf)5	18:28:50	11.1	Bottom	3	2	18.55	7.42	32.28	89.7	6.92	5.5	3.6
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	IS5	11:39:18	1.0	Surface	1	1	18.21	7.42	30.36	90	7.07	20.8	13.2
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	IS5	11:39:46	1.0	Surface	1	2	18.22	7.42	30.37	90.2	7.09	20.6	12.9
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	IS5	11:39:09	4.5	Middle	2	1	18.23	7.41	30.39	90.2	7.09	20.6	13.1
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	IS5	11:39:35	4.5	Middle	2	2	18.24	7.41	30.4	89.8	7.05	20.4	11.8
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	IS5	11:39:01	7.9	Bottom	3	1	18.22	7.4	30.39	90.9	7.14	20.8	13.2
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	IS5	11:39:27	7.9	Bottom	3	2	18.23	7.39	30.42	90.2	7.09	20.1	12
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	IS(Mf)6	11:32:10	1.0	Surface	1	1	18.26	7.52	30.42	91	7.14	16.5	10.4
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	IS(Mf)6	11:32:40	1.0	Surface	1	2	18.26	7.53	30.43	90.9	7.14	17	9.8
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	IS(Mf)6	11:32:29	2.3	Bottom	3	1	18.26	7.53	30.44	90.9	7.13	16.3	11.3
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	IS(Mf)6	11:31:59	2.3	Bottom	3	2	18.25	7.52	30.42	90.4	7.1	16.9	11.2
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	IS7	11:23:57	1.0	Surface	1	1	18.21	7.53	30.31	91.4	7.19	21.6	9.1
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	IS7	11:24:11	1.0	Surface	1	2	18.22	7.52	30.3	91.3	7.18	21.7	9.4
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	IS7	11:24:02	2.3	Bottom	3	1	18.21	7.53	30.31	90.9	7.15	21.2	12.5
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	IS7	11:23:49	2.3	Bottom	3	2	18.22	7.53	30.3	92	7.23	21.2	12.4
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	IS8	10:58:46	1.0	Surface	1	1	18.51	7.5	30.12	90.1	7.06	11.3	5
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	IS8	10:58:33	1.0	Surface	1	2	18.51	7.5	30.12	90.5	7.09	11.2	4.9
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	IS8	10:58:26	3.1	Bottom	3	1	18.51	7.49	30.13	90.6	7.09	11.1	4.6
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	IS8	10:58:40	3.1	Bottom	3	2	18.51	7.5	30.13	89.8	7.03	11.2	5.2
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	IS(Mf)9	11:16:50	1.0	Surface	1	1	18.28	7.52	30.23	90.9	7.14	13.3	9
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	IS(Mf)9	11:17:16	1.0	Surface	1	2	18.27	7.54	30.24	91	7.15	13.6	7.9
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	IS(Mf)9	11:16:38	2.7	Bottom	3	1	18.27	7.51	30.23	91.2	7.16	13.7	5.3
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	IS(Mf)9	11:17:09	2.7	Bottom	3	2	18.27	7.52	30.24	91	7.15	13.5	5.6
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	IS10	11:12:43	1.0	Surface	1	1	17.61	7.87	31.59	88.1	6.95	10	10.4
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	IS10	11:12:09	1.0	Surface	1	2	17.6	7.86	31.57	88.4	6.98	9.4	9.6
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	IS10	11:12:33	5.3	Middle	2	1	17.63	7.87	31.78	88	6.94	10.7	12.1
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	IS10	11:11:57	5.3	Middle	2	2	17.63	7.86	31.79	88.8	7	9.7	10.9
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	IS10	11:11:46	9.6	Bottom	3	1	17.62	7.86	31.75	89.2	7.03	9.4	11.2
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	IS10	11:12:26	9.6	Bottom	3	2	17.63	7.86	31.78	88.5	6.97	10.8	10.9
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	SR3	11:46:34	0.7	Middle	2	1	18.21	7.49	30.36	90.8	7.14	20.8	12.1

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	2015-03-13	Mid-Flood	Fine	SR3	11:46:27	0.7	Middle	2	2	18.21	7.48	30.35	90.7	7.13	20.9	13.4
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	SR4	11:07:16	1.0	Surface	1	1	18.5	7.53	30.12	89.7	7.02	13.2	4.4
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	SR4	11:06:59	1.0	Surface	1	2	18.51	7.52	30.12	89.6	7.02	13.7	5.5
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	SR4	11:07:07	2.9	Bottom	3	1	18.49	7.52	30.12	89.9	7.04	13.6	7.4
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	SR4	11:06:47	2.9	Bottom	3	2	18.49	7.52	30.12	89.2	6.99	13.5	7.1
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	SR5	11:19:52	1.0	Surface	1	1	17.61	7.87	31.6	88	6.95	10	10.3
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	SR5	11:19:29	1.0	Surface	1	2	17.61	7.87	31.61	88	6.95	9.7	10.6
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	SR5	11:19:17	4.2	Bottom	3	1	17.62	7.87	31.73	88.2	6.96	8.5	10.9
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	SR5	11:19:40	4.2	Bottom	3	2	17.62	7.87	31.73	88.4	6.97	9.5	11.7
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	SR10A	10:03:02	1.0	Surface	1	1	18.54	7.52	30.48	87	6.8	1.6	0.7
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	SR10A	10:02:36	1.0	Surface	1	2	18.54	7.51	30.4	86.7	6.77	1.5	2.1
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	SR10A	10:02:50	3.3	Middle	2	1	18.54	7.49	30.64	86.5	6.75	1.7	1.1
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	SR10A	10:02:20	3.3	Middle	2	2	18.54	7.48	30.47	86.4	6.74	1.8	0.5
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	SR10A	10:02:12	5.5	Bottom	3	1	18.54	7.47	30.45	86.4	6.75	1.8	1.7
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	SR10A	10:02:43	5.5	Bottom	3	2	18.54	7.48	30.62	86.7	6.77	1.7	0.9
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	SR10B	09:52:48	1.0	Surface	1	1	18.54	7.35	29.61	87.5	6.87	2.3	1.4
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	SR10B	09:52:31	1.0	Surface	1	2	18.54	7.31	29.32	86.9	6.83	2.3	1.2
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	SR10B	09:52:24	4.1	Bottom	3	1	18.54	7.27	29.19	86.9	6.84	2.2	1.7
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	SR10B	09:52:39	4.1	Bottom	3	2	18.54	7.31	29.59	87	6.83	2.3	0.7
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	CS2	12:36:34	1.0	Surface	1	1	17.6	7.88	31.32	89.6	7.08	4.2	2
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	CS2	12:35:59	1.0	Surface	1	2	17.6	7.88	31.31	89.6	7.08	3.9	2.9
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	CS2	12:36:22	3.8	Middle	2	1	17.61	7.87	31.59	89.4	7.05	5.3	2.1
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	CS2	12:35:43	3.8	Middle	2	2	17.61	7.88	31.59	89.2	7.04	5.5	2.9
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	CS2	12:36:10	6.6	Bottom	3	1	17.61	7.88	31.56	90.3	7.13	6	2.6
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	CS2	12:35:26	6.6	Bottom	3	2	17.61	7.88	31.61	90.4	7.13	6.3	2.6
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	CS(Mf)5	10:28:15	1.0	Surface	1	1	18.49	7.51	30.75	88	6.86	4	1.3
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	CS(Mf)5	10:28:51	1.0	Surface	1	2	18.46	7.5	30.73	88.5	6.91	3.9	2.1
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	CS(Mf)5	10:28:05	6.3	Middle	2	1	18.55	7.5	30.92	87.7	6.82	6	2
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	CS(Mf)5	10:28:35	6.3	Middle	2	2	18.58	7.49	31	87.5	6.81	6.2	1.2
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	CS(Mf)5	10:27:52	11.6	Bottom	3	1	18.56	7.47	31.06	88.3	6.87	6.3	1.3
HKLR	HY/2011/03	2015-03-13	Mid-Flood	Fine	CS(Mf)5	10:28:27	11.6	Bottom	3	2	18.55	7.48	31.01	88.2	6.86	6.4	0.9
HKLR	HY/2011/03	2015-03-16	Mid-Ebb	Cloudy	IS5	0.4830093	1	Surface	1	1	19.9	7.44	30.52	93.4	7.11	13.9	8.6
HKLR	HY/2011/03	2015-03-16	Mid-Ebb	Cloudy	IS5	0.4827083	1	Surface	1	2	19.89	7.44	30.52	93.8	7.14	14.6	7.8
HKLR	HY/2011/03	2015-03-16	Mid-Ebb	Cloudy	IS5	0.4829167	4.1	Middle	2	1	19.89	7.44	30.52	93.5	7.11	14.7	8
HKLR	HY/2011/03	2015-03-16	Mid-Ebb	Cloudy	IS5	0.4826042	4.1	Middle	2	2	19.89	7.45	30.52	93.7	7.13	14.4	8.1
HKLR	HY/2011/03	2015-03-16	Mid-Ebb	Cloudy	IS5	0.4824421	7.1	Bottom	3	1	19.88	7.42	30.53	93.7	7.13	14.2	8.1
HKLR	HY/2011/03	2015-03-16	Mid-Ebb	Cloudy	IS5	0.4828009	7.1	Bottom	3	2	19.89	7.42	30.52	94.1	7.16	14.6	7.4
HKLR	HY/2011/03	2015-03-16	Mid-Ebb	Cloudy	IS(Mf)6	0.4770255	1	Surface	1	1	20.15	7.48	30.33	94.1	7.13	14.6	6.6
HKLR	HY/2011/03	2015-03-16	Mid-Ebb	Cloudy	IS(Mf)6	0.4772106	1	Surface	1	2	20.11	7.49	30.33	93.6	7.11	14.3	6.7
HKLR	HY/2011/03	2015-03-16	Mid-Ebb	Cloudy	IS(Mf)6	0.4769329	2.1	Bottom	3	1	20.12	7.48	30.32	94.2	7.15	14.1	5.9
HKLR	HY/2011/03	2015-03-16	Mid-Ebb	Cloudy	IS(Mf)6	0.4770833	2.1	Bottom	3	2	20.11	7.48	30.32	93.9	7.13	14.3	5.6
HKLR	HY/2011/03	2015-03-16	Mid-Ebb	Cloudy	IS7	0.4716435	1	Surface	1	1	19.9	7.45	30.31	95.1	7.24	13.4	4.6
HKLR	HY/2011/03	2015-03-16	Mid-Ebb	Cloudy	IS7	0.4715046	1	Surface	1	2	20.05	7.45	30.27	95.6	7.26	13.2	4.7
HKLR	HY/2011/03	2015-03-16	Mid-Ebb	Cloudy	IS7	0.4714005	2.2	Bottom	3	1	19.99	7.45	30.22	95.1	7.24	13.7	4.8
HKLR	HY/2011/03	2015-03-16	Mid-Ebb	Cloudy	IS7	0.4715741	2.2	Bottom	3	2	19.93	7.45	30.19	95.1	7.25	13.1	4.2
HKLR	HY/2011/03	2015-03-16	Mid-Ebb	Cloudy	IS8	0.4542708	1	Surface	1	1	19.64	7.49	30.28	92.6	7.09	15.7	8.2
HKLR	HY/2011/03	2015-03-16	Mid-Ebb	Cloudy	IS8	0.4541088	1	Surface	1	2	19.61	7.49	30.28	93	7.12	16.1	8.5
HKLR	HY/2011/03	2015-03-16	Mid-Ebb	Cloudy	IS8	0.4541667	2.9	Bottom	3	1	19.65	7.49	30.27	92.7	7.1	15.3	8.8
HKLR	HY/2011/03	2015-03-16	Mid-Ebb	Cloudy	IS8	0.4540162	2.9	Bottom	3	2	19.62	7.48	30.25	93.1	7.13	16.2	7.8
HKLR	HY/2011/03	2015-03-16	Mid-Ebb	Cloudy	IS(Mf)9	0.4668634	1	Surface	1	1	19.71	7.46	30.34	93.6	7.15	12.2	5.9
HKLR	HY/2011/03	2015-03-16	Mid-Ebb	Cloudy	IS(Mf)9	0.467037	1	Surface	1	2	19.68	7.46	30.34	93.5	7.15	12.3	7.1
HKLR	HY/2011/03	2015-03-16	Mid-Ebb	Cloudy	IS(Mf)9	0.4667361	2.5	Bottom	3	1	19.69	7.46	30.34	93.8	7.17	12.5	7.1
HKLR	HY/2011/03	2015-03-16	Mid-Ebb	Cloudy	IS(Mf)9	0.4669676	2.5	Bottom	3	2	19.68	7.46	30.33	93.5	7.15	12.8	7.3

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-03-16	Mid-Ebb	Cloudy	IS10	0.4299306	1	Surface	1	1	18.84	7.93	29.69	93.3	7.28	2.1	2.3
HKLR	HY/2011/03	2015-03-16	Mid-Ebb	Cloudy	IS10	0.4303935	1	Surface	1	2	18.56	7.94	29.9	92.5	7.24	2.3	2.1
HKLR	HY/2011/03	2015-03-16	Mid-Ebb	Cloudy	IS10	0.4297569	5.2	Middle	2	1	18.14	7.94	32.1	91.9	7.16	2.8	2.3
HKLR	HY/2011/03	2015-03-16	Mid-Ebb	Cloudy	IS10	0.4302894	5.2	Middle	2	2	18.15	7.93	32.07	91.7	7.14	2.9	2.7
HKLR	HY/2011/03	2015-03-16	Mid-Ebb	Cloudy	IS10	0.4296528	9.3	Bottom	3	1	18.15	7.93	32.13	91.8	7.15	2.7	2.3
HKLR	HY/2011/03	2015-03-16	Mid-Ebb	Cloudy	IS10	0.4301852	9.3	Bottom	3	2	18.12	7.93	32.15	91.5	7.13	3	2.6
HKLR	HY/2011/03	2015-03-16	Mid-Ebb	Cloudy	SR3	0.4883681	0.7	Middle	2	1	19.92	7.5	30.52	94.3	7.18	13.4	7.5
HKLR	HY/2011/03	2015-03-16	Mid-Ebb	Cloudy	SR3	0.4884259	0.7	Middle	2	2	19.92	7.51	30.52	94.3	7.18	13.2	6.8
HKLR	HY/2011/03	2015-03-16	Mid-Ebb	Cloudy	SR4	0.4588079	1	Surface	1	1	19.81	7.42	30.03	90.6	6.93	8.3	4.6
HKLR	HY/2011/03	2015-03-16	Mid-Ebb	Cloudy	SR4	0.4589468	1	Surface	1	2	19.82	7.42	30.03	90	6.88	8.4	4.7
HKLR	HY/2011/03	2015-03-16	Mid-Ebb	Cloudy	SR4	0.4587269	2.6	Bottom	3	1	19.84	7.42	30.01	90.7	6.93	8.4	4.2
HKLR	HY/2011/03	2015-03-16	Mid-Ebb	Cloudy	SR4	0.4588657	2.6	Bottom	3	2	19.84	7.42	30	90.2	6.89	8.2	3.6
HKLR	HY/2011/03	2015-03-16	Mid-Ebb	Cloudy	SR5	0.4364236	1	Surface	1	1	18.48	7.93	30	93.7	7.34	1.7	2.5
HKLR	HY/2011/03	2015-03-16	Mid-Ebb	Cloudy	SR5	0.4365856	1	Surface	1	2	18.38	7.93	30.22	93.2	7.31	2	2.2
HKLR	HY/2011/03	2015-03-16	Mid-Ebb	Cloudy	SR5	0.4363426	4	Bottom	3	1	18.25	7.92	31.77	93	7.24	2.3	3
HKLR	HY/2011/03	2015-03-16	Mid-Ebb	Cloudy	SR5	0.4365162	4	Bottom	3	2	18.39	7.92	31.85	93	7.22	2.3	2.3
HKLR	HY/2011/03	2015-03-16	Mid-Ebb	Cloudy	SR10A	0.3955556	1	Surface	1	1	18.69	7.48	30.7	89.4	6.95	1.5	2.3
HKLR	HY/2011/03	2015-03-16	Mid-Ebb	Cloudy	SR10A	0.3958681	1	Surface	1	2	18.68	7.47	30.76	89.4	6.95	1.6	2.4
HKLR	HY/2011/03	2015-03-16	Mid-Ebb	Cloudy	SR10A	0.3957639	3.3	Middle	2	1	18.66	7.46	30.76	89.6	6.96	1.5	2.6
HKLR	HY/2011/03	2015-03-16	Mid-Ebb	Cloudy	SR10A	0.3954514	3.3	Middle	2	2	18.66	7.47	30.71	89.1	6.93	1.5	2.8
HKLR	HY/2011/03	2015-03-16	Mid-Ebb	Cloudy	SR10A	0.3956481	5.6	Bottom	3	1	18.66	7.45	30.76	89.3	6.94	1.5	2.4
HKLR	HY/2011/03	2015-03-16	Mid-Ebb	Cloudy	SR10A	0.3953356	5.6	Bottom	3	2	18.64	7.45	30.72	89.1	6.94	1.5	2.1
HKLR	HY/2011/03	2015-03-16	Mid-Ebb	Cloudy	SR10B	0.3873495	1	Surface	1	1	18.66	7.35	29.51	86.4	6.77	1.8	1.9
HKLR	HY/2011/03	2015-03-16	Mid-Ebb	Cloudy	SR10B	0.3875116	1	Surface	1	2	18.68	7.37	29.69	86.5	6.77	1.8	1.4
HKLR	HY/2011/03	2015-03-16	Mid-Ebb	Cloudy	SR10B	0.3874306	4.2	Bottom	3	1	18.67	7.35	29.62	86.8	6.79	1.9	1.6
HKLR	HY/2011/03	2015-03-16	Mid-Ebb	Cloudy	SR10B	0.3872569	4.2	Bottom	3	2	18.68	7.32	29.38	87.3	6.84	1.8	1.5
HKLR	HY/2011/03	2015-03-16	Mid-Ebb	Cloudy	CS2	0.4925579	1	Surface	1	1	18.73	7.92	29.53	92.9	7.27	2	1.9
HKLR	HY/2011/03	2015-03-16	Mid-Ebb	Cloudy	CS2	0.4921412	1	Surface	1	2	18.6	7.92	29.87	92.6	7.25	2.1	1.5
HKLR	HY/2011/03	2015-03-16	Mid-Ebb	Cloudy	CS2	0.4924537	3.8	Middle	2	1	18.41	7.92	31.28	92.1	7.17	2.4	1.8
HKLR	HY/2011/03	2015-03-16	Mid-Ebb	Cloudy	CS2	0.4920255	3.8	Middle	2	2	18.34	7.93	31.47	91.8	7.15	2.5	1.4
HKLR	HY/2011/03	2015-03-16	Mid-Ebb	Cloudy	CS2	0.4919097	6.6	Bottom	3	1	18.16	7.92	32.02	92	7.16	2.5	1.3
HKLR	HY/2011/03	2015-03-16	Mid-Ebb	Cloudy	CS2	0.4922569	6.6	Bottom	3	2	18.31	7.92	31.91	92.4	7.19	2.3	1.9
HKLR	HY/2011/03	2015-03-16	Mid-Ebb	Cloudy	CS(Mf)5	0.4221296	1	Surface	1	1	18.97	7.49	30.73	88.6	6.85	7.7	2.8
HKLR	HY/2011/03	2015-03-16	Mid-Ebb	Cloudy	CS(Mf)5	0.4225579	1	Surface	1	2	19.2	7.49	30.56	89.9	6.93	7.7	2.6
HKLR	HY/2011/03	2015-03-16	Mid-Ebb	Cloudy	CS(Mf)5	0.422037	6.4	Middle	2	1	18.69	7.49	31.02	87.5	6.79	7.8	2.7
HKLR	HY/2011/03	2015-03-16	Mid-Ebb	Cloudy	CS(Mf)5	0.4223727	6.4	Middle	2	2	18.69	7.48	31	88	6.83	7.6	2.6
HKLR	HY/2011/03	2015-03-16	Mid-Ebb	Cloudy	CS(Mf)5	0.4222685	11.7	Bottom	3	1	18.79	7.47	30.97	89	6.89	7.9	2.6
HKLR	HY/2011/03	2015-03-16	Mid-Ebb	Cloudy	CS(Mf)5	0.4219329	11.7	Bottom	3	2	18.75	7.48	31.03	88.4	6.85	7.9	2.3
HKLR	HY/2011/03	2015-03-16	Mid-Flood	Sunny	IS5	0.5790856	1	Surface	1	1	20.15	7.51	30.67	95.1	7.2	14.8	6.7
HKLR	HY/2011/03	2015-03-16	Mid-Flood	Sunny	IS5	0.5783565	1	Surface	1	2	20.11	7.46	30.68	94.8	7.18	14.1	6.9
HKLR	HY/2011/03	2015-03-16	Mid-Flood	Sunny	IS5	0.5782292	4.3	Middle	2	1	19.97	7.46	30.69	93.5	7.1	14.6	8.1
HKLR	HY/2011/03	2015-03-16	Mid-Flood	Sunny	IS5	0.5786458	4.3	Middle	2	2	19.93	7.47	30.69	94.3	7.17	15.1	8.7
HKLR	HY/2011/03	2015-03-16	Mid-Flood	Sunny	IS5	0.5785301	7.5	Bottom	3	1	19.94	7.45	30.7	94	7.14	15.2	9.1
HKLR	HY/2011/03	2015-03-16	Mid-Flood	Sunny	IS5	0.578125	7.5	Bottom	3	2	19.95	7.44	30.7	93.8	7.13	15.3	8.8
HKLR	HY/2011/03	2015-03-16	Mid-Flood	Sunny	IS(Mf)6	0.5846065	1	Surface	1	1	20.56	7.44	30.39	94.5	7.11	16.8	7.8
HKLR	HY/2011/03	2015-03-16	Mid-Flood	Sunny	IS(Mf)6	0.5848264	1	Surface	1	2	20.55	7.44	30.42	94.1	7.08	16.2	7.6
HKLR	HY/2011/03	2015-03-16	Mid-Flood	Sunny	IS(Mf)6	0.5847106	2.3	Bottom	3	1	20.13	7.44	30.39	93.4	7.08	16.5	7.1
HKLR	HY/2011/03	2015-03-16	Mid-Flood	Sunny	IS(Mf)6	0.584456	2.3	Bottom	3	2	20.07	7.43	30.43	93.2	7.07	17.1	7.2
HKLR	HY/2011/03	2015-03-16	Mid-Flood	Sunny	IS7	0.5899074	1	Surface	1	1	20.24	7.52	30.53	95.5	7.22	15.2	7.4
HKLR	HY/2011/03	2015-03-16	Mid-Flood	Sunny	IS7	0.5897454	1	Surface	1	2	20.23	7.51	30.53	96.5	7.3	15.8	8.3
HKLR	HY/2011/03	2015-03-16	Mid-Flood	Sunny	IS7	0.5898148	2.3	Bottom	3	1	20.2	7.51	30.49	95.8	7.25	16.3	8.5
HKLR	HY/2011/03	2015-03-16	Mid-Flood	Sunny	IS7	0.5896528	2.3	Bottom	3	2	20.22	7.51	30.5	95.3	7.21	15.9	9
HKLR	HY/2011/03	2015-03-16	Mid-Flood	Sunny	IS8	0.603669	1	Surface	1	1	20.44	7.45	30.62	96.4	7.26	16.3	9.5

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	2015-03-16	Mid-Flood	Sunny	IS8	0.6034838	1	Surface	1	2	20.44	7.46	30.63	96.6	7.27	16.6	9.5
HKLR	HY/2011/03	2015-03-16	Mid-Flood	Sunny	IS8	0.6033796	2.9	Bottom	3	1	20.33	7.46	30.51	95.8	7.23	16.7	10.5
HKLR	HY/2011/03	2015-03-16	Mid-Flood	Sunny	IS8	0.6035648	2.9	Bottom	3	2	20.29	7.45	30.5	95.3	7.2	16.5	10
HKLR	HY/2011/03	2015-03-16	Mid-Flood	Sunny	IS(Mf)9	0.5927431	1	Surface	1	1	20.17	7.46	30.55	96.5	7.3	12.6	5.2
HKLR	HY/2011/03	2015-03-16	Mid-Flood	Sunny	IS(Mf)9	0.5928935	1	Surface	1	2	20.16	7.45	30.55	95.7	7.25	12.4	5.4
HKLR	HY/2011/03	2015-03-16	Mid-Flood	Sunny	IS(Mf)9	0.5926505	2.6	Bottom	3	1	20.17	7.46	30.55	96.2	7.29	12.5	4.9
HKLR	HY/2011/03	2015-03-16	Mid-Flood	Sunny	IS(Mf)9	0.5928125	2.6	Bottom	3	2	20.16	7.45	30.54	96.8	7.33	12.5	5.2
HKLR	HY/2011/03	2015-03-16	Mid-Flood	Sunny	IS10	0.6211343	1	Surface	1	1	19.26	7.9	29.34	95.8	7.43	2.2	1.6
HKLR	HY/2011/03	2015-03-16	Mid-Flood	Sunny	IS10	0.6216088	1	Surface	1	2	19.26	7.9	29.32	96	7.45	2	1.8
HKLR	HY/2011/03	2015-03-16	Mid-Flood	Sunny	IS10	0.621412	5.2	Middle	2	1	18.42	7.9	31.28	93.2	7.26	3.2	1.2
HKLR	HY/2011/03	2015-03-16	Mid-Flood	Sunny	IS10	0.6209491	5.2	Middle	2	2	18.35	7.89	31.44	93.1	7.25	2.9	1.5
HKLR	HY/2011/03	2015-03-16	Mid-Flood	Sunny	IS10	0.6208449	9.3	Bottom	3	1	18.32	7.89	31.53	94.4	7.35	3	1.6
HKLR	HY/2011/03	2015-03-16	Mid-Flood	Sunny	IS10	0.6212731	9.3	Bottom	3	2	18.46	7.89	31.44	95	7.39	2.8	1.2
HKLR	HY/2011/03	2015-03-16	Mid-Flood	Sunny	SR3	0.5706366	0.8	Middle	2	1	20.06	7.46	30.64	95	7.2	12.3	9.9
HKLR	HY/2011/03	2015-03-16	Mid-Flood	Sunny	SR3	0.5706829	0.8	Middle	2	2	20.07	7.46	30.64	94.9	7.19	12.4	9.9
HKLR	HY/2011/03	2015-03-16	Mid-Flood	Sunny	SR4	0.5984491	1	Surface	1	1	20.48	7.46	30.62	96.8	7.28	18.5	9.1
HKLR	HY/2011/03	2015-03-16	Mid-Flood	Sunny	SR4	0.5986458	1	Surface	1	2	20.46	7.46	30.62	95.9	7.22	18.4	10.6
HKLR	HY/2011/03	2015-03-16	Mid-Flood	Sunny	SR4	0.5985417	2.7	Bottom	3	1	20.3	7.46	30.52	95.5	7.21	18.7	10.3
HKLR	HY/2011/03	2015-03-16	Mid-Flood	Sunny	SR4	0.5983449	2.7	Bottom	3	2	20.37	7.46	30.51	95.8	7.23	18.7	9.1
HKLR	HY/2011/03	2015-03-16	Mid-Flood	Sunny	SR5	0.6153704	1	Surface	1	1	19.23	7.91	29.37	96.7	7.5	1.8	2.3
HKLR	HY/2011/03	2015-03-16	Mid-Flood	Sunny	SR5	0.6150694	1	Surface	1	2	19.31	7.91	29.33	96.7	7.49	1.7	2.1
HKLR	HY/2011/03	2015-03-16	Mid-Flood	Sunny	SR5	0.6148727	4.3	Bottom	3	1	18.57	7.91	30.9	94.9	7.38	2.2	2.1
HKLR	HY/2011/03	2015-03-16	Mid-Flood	Sunny	SR5	0.6152083	4.3	Bottom	3	2	18.64	7.9	30.65	95.4	7.43	2.1	2.8
HKLR	HY/2011/03	2015-03-16	Mid-Flood	Sunny	SR10A	0.6590856	1	Surface	1	1	18.74	7.31	31.81	87.9	6.78	2.6	3.1
HKLR	HY/2011/03	2015-03-16	Mid-Flood	Sunny	SR10A	0.6593866	1	Surface	1	2	18.73	7.33	31.83	87	6.71	2.5	2.7
HKLR	HY/2011/03	2015-03-16	Mid-Flood	Sunny	SR10A	0.6590046	3.4	Middle	2	1	18.73	7.31	31.83	87.6	6.76	2.6	2.8
HKLR	HY/2011/03	2015-03-16	Mid-Flood	Sunny	SR10A	0.659294	3.4	Middle	2	2	18.73	7.32	31.84	87.1	6.72	2.6	2.9
HKLR	HY/2011/03	2015-03-16	Mid-Flood	Sunny	SR10A	0.659213	5.7	Bottom	3	1	18.74	7.3	31.83	87.3	6.74	2.6	2.7
HKLR	HY/2011/03	2015-03-16	Mid-Flood	Sunny	SR10A	0.6589005	5.7	Bottom	3	2	18.73	7.29	31.82	87.2	6.73	2.8	2.7
HKLR	HY/2011/03	2015-03-16	Mid-Flood	Sunny	SR10B	0.6673958	1	Surface	1	1	18.76	7.37	31.82	87.3	6.73	1.5	3.1
HKLR	HY/2011/03	2015-03-16	Mid-Flood	Sunny	SR10B	0.6671296	1	Surface	1	2	18.74	7.35	31.83	87.3	6.73	1.6	3.1
HKLR	HY/2011/03	2015-03-16	Mid-Flood	Sunny	SR10B	0.667037	4.3	Bottom	3	1	18.73	7.36	31.84	87.4	6.74	1.5	2.5
HKLR	HY/2011/03	2015-03-16	Mid-Flood	Sunny	SR10B	0.6672106	4.3	Bottom	3	2	18.74	7.35	31.83	87.3	6.73	1.5	2.6
HKLR	HY/2011/03	2015-03-16	Mid-Flood	Sunny	CS2	0.5604514	1	Surface	1	1	19.13	7.93	29.83	91.4	7.09	2.1	1.5
HKLR	HY/2011/03	2015-03-16	Mid-Flood	Sunny	CS2	0.5610648	1	Surface	1	2	19.06	7.9	29.79	92.6	7.18	2.3	1.7
HKLR	HY/2011/03	2015-03-16	Mid-Flood	Sunny	CS2	0.5609144	3.7	Middle	2	1	18.34	7.9	31	91.3	7.13	2.2	1.5
HKLR	HY/2011/03	2015-03-16	Mid-Flood	Sunny	CS2	0.5602431	3.7	Middle	2	2	18.38	7.96	31.19	87.4	6.82	2.3	1.6
HKLR	HY/2011/03	2015-03-16	Mid-Flood	Sunny	CS2	0.5601273	6.3	Bottom	3	1	18.4	8	31.65	86.4	6.72	3	1.4
HKLR	HY/2011/03	2015-03-16	Mid-Flood	Sunny	CS2	0.560706	6.3	Bottom	3	2	18.34	7.92	31.32	91.1	7.11	3.2	1.9
HKLR	HY/2011/03	2015-03-16	Mid-Flood	Sunny	CS(Mf)5	0.6342824	1	Surface	1	1	19.74	7.42	30.26	93	7.1	4.8	3.5
HKLR	HY/2011/03	2015-03-16	Mid-Flood	Sunny	CS(Mf)5	0.6338889	1	Surface	1	2	19.57	7.42	30.43	92.9	7.11	4.6	3.5
HKLR	HY/2011/03	2015-03-16	Mid-Flood	Sunny	CS(Mf)5	0.6341551	6.4	Middle	2	1	18.81	7.42	31.29	89.5	6.92	4.7	3.1
HKLR	HY/2011/03	2015-03-16	Mid-Flood	Sunny	CS(Mf)5	0.6337731	6.4	Middle	2	2	18.94	7.43	31.13	89.4	6.9	4.8	3.5
HKLR	HY/2011/03	2015-03-16	Mid-Flood	Sunny	CS(Mf)5	0.6340625	11.8	Bottom	3	1	18.93	7.4	31.28	90.6	6.99	4.6	3.2
HKLR	HY/2011/03	2015-03-16	Mid-Flood	Sunny	CS(Mf)5	0.6336574	11.8	Bottom	3	2	18.86	7.4	31.38	91	7.02	4.7	2.4
HKLR	HY/2011/03	2015-03-18	Mid-Ebb	Sunny	IS5	12:42:47	1.0	Surface	1	1	20.8	7.51	29.21	93.7	7.06	7.2	7.4
HKLR	HY/2011/03	2015-03-18	Mid-Ebb	Sunny	IS5	12:43:14	1.0	Surface	1	2	20.79	7.51	29.19	93.6	7.06	7.1	7.9
HKLR	HY/2011/03	2015-03-18	Mid-Ebb	Sunny	IS5	12:43:05	4.1	Middle	2	1	20.83	7.51	29.39	93	7	7.5	8.8
HKLR	HY/2011/03	2015-03-18	Mid-Ebb	Sunny	IS5	12:42:40	4.1	Middle	2	2	20.84	7.5	29.43	93.3	7.02	7.5	8.2
HKLR	HY/2011/03	2015-03-18	Mid-Ebb	Sunny	IS5	12:42:57	7.2	Bottom	3	1	20.83	7.49	29.51	93.8	7.05	7.7	8.9
HKLR	HY/2011/03	2015-03-18	Mid-Ebb	Sunny	IS5	12:42:32	7.2	Bottom	3	2	20.81	7.49	29.41	93.9	7.07	7.6	10.2
HKLR	HY/2011/03	2015-03-18	Mid-Ebb	Sunny	IS(Mf)6	12:34:19	1.0	Surface	1	1	21.32	7.44	29.83	97.7	7.28	6.4	7.1
HKLR	HY/2011/03	2015-03-18	Mid-Ebb	Sunny	IS(Mf)6	12:34:36	1.0	Surface	1	2	21.34	7.45	29.85	98	7.29	6.4	6.9

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	2015-03-18	Mid-Ebb	Sunny	IS(Mf)6	12:34:10	2.0	Bottom	3	1	21.31	7.44	29.84	97.4	7.25	6.3	5
HKLR	HY/2011/03	2015-03-18	Mid-Ebb	Sunny	IS(Mf)6	12:34:27	2.0	Bottom	3	2	21.32	7.45	29.86	97.6	7.26	6.6	5.9
HKLR	HY/2011/03	2015-03-18	Mid-Ebb	Sunny	IS7	12:27:46	1.0	Surface	1	1	20.94	7.45	29.34	97.6	7.34	5.5	5.8
HKLR	HY/2011/03	2015-03-18	Mid-Ebb	Sunny	IS7	12:27:25	1.0	Surface	1	2	20.94	7.43	29.33	97	7.29	5.8	6.6
HKLR	HY/2011/03	2015-03-18	Mid-Ebb	Sunny	IS7	12:27:34	2.1	Bottom	3	1	20.94	7.43	29.35	97.1	7.3	5.6	6.4
HKLR	HY/2011/03	2015-03-18	Mid-Ebb	Sunny	IS7	12:27:17	2.1	Bottom	3	2	20.94	7.42	29.33	97.1	7.3	5.7	6.9
HKLR	HY/2011/03	2015-03-18	Mid-Ebb	Sunny	IS8	12:04:54	1.0	Surface	1	1	20.48	7.4	28.8	94	7.15	6.3	5.7
HKLR	HY/2011/03	2015-03-18	Mid-Ebb	Sunny	IS8	12:05:05	1.0	Surface	1	2	20.55	7.39	29.37	94.8	7.18	6.3	5.7
HKLR	HY/2011/03	2015-03-18	Mid-Ebb	Sunny	IS8	12:04:58	2.9	Bottom	3	1	20.5	7.39	29.87	94.8	7.16	6.4	4.7
HKLR	HY/2011/03	2015-03-18	Mid-Ebb	Sunny	IS8	12:04:44	2.9	Bottom	3	2	20.57	7.38	29.61	94.7	7.15	6.4	4
HKLR	HY/2011/03	2015-03-18	Mid-Ebb	Sunny	IS(Mf)9	12:21:01	1.0	Surface	1	1	20.7	7.44	29.2	96.8	7.31	4.3	6.2
HKLR	HY/2011/03	2015-03-18	Mid-Ebb	Sunny	IS(Mf)9	12:21:17	1.0	Surface	1	2	20.7	7.44	29.2	97.6	7.37	4.5	6.6
HKLR	HY/2011/03	2015-03-18	Mid-Ebb	Sunny	IS(Mf)9	12:21:10	2.6	Bottom	3	1	20.7	7.44	29.26	97.1	7.33	4.4	5.8
HKLR	HY/2011/03	2015-03-18	Mid-Ebb	Sunny	IS(Mf)9	12:20:53	2.6	Bottom	3	2	20.7	7.43	29.23	97.1	7.33	4.4	7.2
HKLR	HY/2011/03	2015-03-18	Mid-Ebb	Sunny	IS10	11:41:31	1.0	Surface	1	1	19.41	7.89	28.86	92.5	7.18	2.7	5
HKLR	HY/2011/03	2015-03-18	Mid-Ebb	Sunny	IS10	11:42:11	1.0	Surface	1	2	19.47	7.88	28.78	92.5	7.17	2.7	4.3
HKLR	HY/2011/03	2015-03-18	Mid-Ebb	Sunny	IS10	11:41:22	5.6	Middle	2	1	19.15	7.89	29.43	91.9	7.14	2.9	3.7
HKLR	HY/2011/03	2015-03-18	Mid-Ebb	Sunny	IS10	11:41:58	5.6	Middle	2	2	19.16	7.89	29.43	92.1	7.15	2.8	4.5
HKLR	HY/2011/03	2015-03-18	Mid-Ebb	Sunny	IS10	11:41:15	10.1	Bottom	3	1	19.09	7.89	29.96	91.6	7.1	2.9	4.2
HKLR	HY/2011/03	2015-03-18	Mid-Ebb	Sunny	IS10	11:41:52	10.1	Bottom	3	2	19.03	7.89	30.16	92	7.13	3	3.8
HKLR	HY/2011/03	2015-03-18	Mid-Ebb	Sunny	SR3	12:50:48	0.7	Middle	2	1	20.82	7.54	29.11	94.6	7.14	5.4	8.8
HKLR	HY/2011/03	2015-03-18	Mid-Ebb	Sunny	SR3	12:50:56	0.7	Middle	2	2	20.82	7.55	29.13	95	7.17	5.3	8.3
HKLR	HY/2011/03	2015-03-18	Mid-Ebb	Sunny	SR4	12:13:08	1.0	Surface	1	1	20.52	7.42	29.16	94.1	7.14	5.3	4.9
HKLR	HY/2011/03	2015-03-18	Mid-Ebb	Sunny	SR4	12:13:21	1.0	Surface	1	2	20.52	7.42	29.1	94.4	7.16	5.4	5.2
HKLR	HY/2011/03	2015-03-18	Mid-Ebb	Sunny	SR4	12:13:14	2.6	Bottom	3	1	20.54	7.41	29.51	94.4	7.14	5.3	5.3
HKLR	HY/2011/03	2015-03-18	Mid-Ebb	Sunny	SR4	12:13:01	2.6	Bottom	3	2	20.55	7.4	29.54	94.7	7.16	5.4	5.3
HKLR	HY/2011/03	2015-03-18	Mid-Ebb	Sunny	SR5	11:44:24	1.0	Surface	1	1	19.43	7.87	28.86	92.5	7.17	2.6	4.7
HKLR	HY/2011/03	2015-03-18	Mid-Ebb	Sunny	SR5	11:44:41	1.0	Surface	1	2	19.37	7.87	28.94	92.9	7.21	2.6	4
HKLR	HY/2011/03	2015-03-18	Mid-Ebb	Sunny	SR5	11:44:34	4.2	Bottom	3	1	19.31	7.87	29.13	92.1	7.14	2.7	5.6
HKLR	HY/2011/03	2015-03-18	Mid-Ebb	Sunny	SR5	11:44:12	4.2	Bottom	3	2	19.16	7.87	29.49	92	7.14	2.8	5
HKLR	HY/2011/03	2015-03-18	Mid-Ebb	Sunny	SR10A	10:49:06	1.0	Surface	1	1	19.27	7.51	29.96	87.9	6.79	2.2	3.3
HKLR	HY/2011/03	2015-03-18	Mid-Ebb	Sunny	SR10A	10:49:26	1.0	Surface	1	2	19.26	7.52	30.06	88.4	6.82	2.2	3.4
HKLR	HY/2011/03	2015-03-18	Mid-Ebb	Sunny	SR10A	10:48:58	3.3	Middle	2	1	19.26	7.48	29.95	87.9	6.79	2.2	4
HKLR	HY/2011/03	2015-03-18	Mid-Ebb	Sunny	SR10A	10:49:19	3.3	Middle	2	2	19.25	7.5	30.06	87.9	6.79	2.2	3.4
HKLR	HY/2011/03	2015-03-18	Mid-Ebb	Sunny	SR10A	10:48:52	5.5	Bottom	3	1	19.26	7.48	29.9	87.9	6.79	2.3	4.8
HKLR	HY/2011/03	2015-03-18	Mid-Ebb	Sunny	SR10A	10:49:13	5.5	Bottom	3	2	19.26	7.5	30.02	88.1	6.81	2.3	3.7
HKLR	HY/2011/03	2015-03-18	Mid-Ebb	Sunny	SR10B	10:40:28	1.0	Surface	1	1	19.28	7.38	29.12	87.7	6.81	2.2	3.2
HKLR	HY/2011/03	2015-03-18	Mid-Ebb	Sunny	SR10B	10:40:12	1.0	Surface	1	2	19.26	7.34	28.86	88.5	6.88	2.3	2.5
HKLR	HY/2011/03	2015-03-18	Mid-Ebb	Sunny	SR10B	10:40:01	3.9	Bottom	3	1	19.26	7.29	28.64	88.1	6.86	2.2	3.7
HKLR	HY/2011/03	2015-03-18	Mid-Ebb	Sunny	SR10B	10:40:18	3.9	Bottom	3	2	19.25	7.34	29.01	87.8	6.83	2.2	3
HKLR	HY/2011/03	2015-03-18	Mid-Ebb	Sunny	CS2	12:48:32	1.0	Surface	1	1	19.38	7.89	29.08	95.5	7.4	8.7	7.4
HKLR	HY/2011/03	2015-03-18	Mid-Ebb	Sunny	CS2	12:47:51	1.0	Surface	1	2	19.25	7.9	29.39	94.2	7.31	8.5	7.3
HKLR	HY/2011/03	2015-03-18	Mid-Ebb	Sunny	CS2	12:48:15	4.1	Middle	2	1	19.1	7.9	29.87	94.2	7.3	8.9	7.3
HKLR	HY/2011/03	2015-03-18	Mid-Ebb	Sunny	CS2	12:47:44	4.1	Middle	2	2	19.18	7.9	29.65	94.1	7.29	8.5	8.1
HKLR	HY/2011/03	2015-03-18	Mid-Ebb	Sunny	CS2	12:47:31	7.1	Bottom	3	1	19	7.91	30.25	93.9	7.28	9	6.5
HKLR	HY/2011/03	2015-03-18	Mid-Ebb	Sunny	CS2	12:48:07	7.1	Bottom	3	2	19.02	7.9	30.21	94	7.29	9.3	8
HKLR	HY/2011/03	2015-03-18	Mid-Ebb	Sunny	CS(Mf)5	11:27:56	1.0	Surface	1	1	20.1	7.39	29.18	91.9	7.03	3.3	2.3
HKLR	HY/2011/03	2015-03-18	Mid-Ebb	Sunny	CS(Mf)5	11:27:12	1.0	Surface	1	2	20.06	7.38	29.18	92.2	7.05	3.3	3.5
HKLR	HY/2011/03	2015-03-18	Mid-Ebb	Sunny	CS(Mf)5	11:27:44	6.1	Middle	2	1	19.43	7.35	30.3	90.1	6.92	3.3	3
HKLR	HY/2011/03	2015-03-18	Mid-Ebb	Sunny	CS(Mf)5	11:27:00	6.1	Middle	2	2	19.44	7.35	30.25	90.6	6.96	3.3	3.1
HKLR	HY/2011/03	2015-03-18	Mid-Ebb	Sunny	CS(Mf)5	11:26:49	11.1	Bottom	3	1	19.53	7.32	30.2	91.8	7.05	3.4	4.5
HKLR	HY/2011/03	2015-03-18	Mid-Ebb	Sunny	CS(Mf)5	11:27:33	11.1	Bottom	3	2	19.39	7.32	30.46	90.5	6.95	3.4	3.4
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	IS5	15:57:22	1.0	Surface	1	1	21.15	7.43	30.32	95.5	7.11	8.4	10.6

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	2015-03-18	Mid-Flood	Sunny	IS5	15:57:51	1.0	Surface	1	2	21.16	7.42	30.33	95.7	7.12	8.1	10.4
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	IS5	15:57:15	4.3	Middle	2	1	21.2	7.44	30.38	95.4	7.1	8.7	10.7
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	IS5	15:57:42	4.3	Middle	2	2	21.2	7.43	30.38	95.5	7.1	8.4	10.8
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	IS5	15:57:32	7.6	Bottom	3	1	21.19	7.42	30.4	95.3	7.09	8.6	10
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	IS5	15:57:07	7.6	Bottom	3	2	21.21	7.43	30.41	95.5	7.1	8.6	8.9
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	IS(Mf)6	16:07:13	1.0	Surface	1	1	21.29	7.44	30.04	98	7.29	11.1	9.1
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	IS(Mf)6	16:07:33	1.0	Surface	1	2	21.28	7.45	30.03	97.9	7.28	11.2	10.5
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	IS(Mf)6	16:07:23	2.1	Bottom	3	1	21.3	7.45	30.1	98	7.28	11.4	12.1
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	IS(Mf)6	16:07:04	2.1	Bottom	3	2	21.29	7.44	30.09	98.6	7.34	11.4	13.1
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	IS7	16:15:10	1.0	Surface	1	1	21.4	7.52	29.94	99.3	7.38	11.5	4.8
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	IS7	16:14:58	1.0	Surface	1	2	21.4	7.51	29.94	99.5	7.39	11.5	6
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	IS7	16:15:04	2.3	Bottom	3	1	21.4	7.52	29.96	99	7.35	11.6	5.4
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	IS7	16:14:49	2.3	Bottom	3	2	21.39	7.51	29.97	99.8	7.41	11.8	6.5
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	IS8	16:34:52	1.0	Surface	1	1	20.33	7.47	29.82	92.5	7.01	14.3	12.5
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	IS8	16:34:37	1.0	Surface	1	2	20.3	7.47	29.87	92.3	7	14.2	13.9
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	IS8	16:34:41	3.1	Bottom	3	1	20.31	7.47	29.86	92.1	6.98	14.2	13
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	IS8	16:34:31	3.1	Bottom	3	2	20.29	7.47	29.87	92.5	7.01	14.7	14.7
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	IS(Mf)9	16:23:24	1.0	Surface	1	1	21.26	7.46	30.22	96.5	7.17	7.2	7.8
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	IS(Mf)9	16:23:07	1.0	Surface	1	2	21.26	7.45	30.27	96.1	7.14	7.3	8
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	IS(Mf)9	16:23:13	2.8	Bottom	3	1	21.26	7.45	30.3	96.6	7.18	7.3	8.9
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	IS(Mf)9	16:23:00	2.8	Bottom	3	2	21.26	7.44	30.37	96.6	7.18	7.2	8.3
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	IS10	16:58:45	1.0	Surface	1	1	19.65	7.85	27.64	93.9	7.3	3	3.2
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	IS10	16:58:20	1.0	Surface	1	2	19.65	7.85	27.65	93.7	7.29	2.7	4
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	IS10	16:58:13	5.6	Middle	2	1	19.39	7.85	28.4	93.5	7.27	3.2	3.5
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	IS10	16:58:38	5.6	Middle	2	2	19.43	7.85	28.38	93.7	7.28	3	3.8
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	IS10	16:58:31	10.1	Bottom	3	1	19.41	7.84	28.89	93.8	7.27	3.2	3.6
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	IS10	16:58:05	10.1	Bottom	3	2	19.25	7.85	29.14	93.4	7.25	3.3	4.7
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	SR3	15:46:35	0.7	Middle	2	1	21.17	7.47	30.42	96.2	7.16	8.8	11
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	SR3	15:46:29	0.7	Middle	2	2	21.17	7.47	30.45	96.4	7.17	8.8	11.9
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	SR4	16:29:29	1.0	Surface	1	1	20.27	7.46	29.88	92.1	6.99	12.4	12.8
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	SR4	16:29:14	1.0	Surface	1	2	20.26	7.46	29.91	92.5	7.01	12.2	14
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	SR4	16:29:06	2.7	Bottom	3	1	20.26	7.45	29.93	92.5	7.02	12.3	15.7
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	SR4	16:29:20	2.7	Bottom	3	2	20.27	7.45	29.9	92.4	7.01	12.5	14.4
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	SR5	16:52:28	1.0	Surface	1	1	19.62	7.86	27.52	93.9	7.31	2.5	3.7
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	SR5	16:52:07	1.0	Surface	1	2	19.53	7.86	27.6	93.6	7.29	2.4	4.1
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	SR5	16:52:17	4.0	Bottom	3	1	19.36	7.86	28.87	93.6	7.27	2.9	3.9
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	SR5	16:51:58	4.0	Bottom	3	2	19.42	7.86	28.76	93.7	7.27	2.7	5.6
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	SR10A	17:52:42	1.0	Surface	1	1	19.58	7.38	30.93	90.6	6.92	2.2	2.9
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	SR10A	17:52:22	1.0	Surface	1	2	19.74	7.39	30.66	91.2	6.96	2.1	3.4
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	SR10A	17:52:37	3.3	Middle	2	1	19.55	7.38	31.01	90.6	6.92	2.1	3.6
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	SR10A	17:52:07	3.3	Middle	2	2	19.56	7.37	31.01	90.7	6.92	2.2	3.5
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	SR10A	17:52:31	5.6	Bottom	3	1	19.59	7.37	30.96	90.8	6.93	2.1	2.7
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	SR10A	17:51:55	5.6	Bottom	3	2	19.57	7.34	31	90.5	6.91	2.1	2.9
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	SR10B	18:00:52	1.0	Surface	1	1	19.73	7.41	30.55	91.5	6.98	2.2	2.1
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	SR10B	18:01:09	1.0	Surface	1	2	19.81	7.42	30.4	91.6	6.99	2.1	3
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	SR10B	18:00:43	4.6	Bottom	3	1	19.69	7.4	30.76	91.1	6.95	2.1	3.6
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	SR10B	18:00:58	4.6	Bottom	3	2	19.76	7.4	30.68	91.2	6.96	2	2
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	CS2	15:32:43	1.0	Surface	1	1	19.95	7.89	27.1	92.8	7.2	3.1	4.1
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	CS2	15:33:21	1.0	Surface	1	2	19.89	7.87	27.07	93.5	7.26	3	4.5
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	CS2	15:32:33	4.0	Middle	2	1	19.81	7.91	27.21	91.7	7.13	3.1	4.2
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	CS2	15:33:10	4.0	Middle	2	2	19.57	7.87	27.39	92.5	7.21	3.5	2.9
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	CS2	15:33:01	7.0	Bottom	3	1	19.25	7.87	29.1	92.8	7.2	3.5	3.5
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	CS2	15:32:14	7.0	Bottom	3	2	19.23	7.96	29.27	90.8	7.05	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	2015-03-18	Mid-Flood	Sunny	CS(Mf)5	17:19:04	1.0	Surface	1	1	20.15	7.41	29.28	92.1	7.02	3.2	4.6
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	CS(Mf)5	17:18:30	1.0	Surface	1	2	20.35	7.41	29.02	93.4	7.11	3.2	5.6
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	CS(Mf)5	17:18:17	6.3	Middle	2	1	19.75	7.41	30.19	91	6.96	3.3	4.2
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	CS(Mf)5	17:18:56	6.3	Middle	2	2	19.77	7.42	30.12	90.8	6.94	3.3	4.4
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	CS(Mf)5	17:18:07	11.5	Bottom	3	1	19.76	7.37	30.46	91.7	7	3.3	4.3
HKLR	HY/2011/03	2015-03-18	Mid-Flood	Sunny	CS(Mf)5	17:18:45	11.5	Bottom	3	2	19.66	7.39	30.63	91	6.95	3.4	4.1
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	IS5	12:48:03	1.0	Surface	1	1	20.81	7.84	25.9	99.5	7.61	11.8	12
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	IS5	12:48:53	1.0	Surface	1	2	20.92	7.85	25.87	92.8	7.12	11.4	11.9
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	IS5	12:47:53	5.3	Middle	2	1	20.62	7.83	26.86	99	7.59	12.4	10.7
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	IS5	12:48:29	5.3	Middle	2	2	20.63	7.84	26.82	93.5	7.18	12.2	12.2
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	IS5	12:47:43	9.5	Bottom	3	1	20.59	7.83	27.08	91.7	7.03	12.6	12.4
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	IS5	12:48:17	9.5	Bottom	3	2	20.59	7.84	27.08	88.9	6.82	12.5	11.6
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	IS(Mf)6	12:38:21	1.0	Surface	1	1	20.77	7.8	25.83	98.6	7.57	12.1	6
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	IS(Mf)6	12:38:57	1.0	Surface	1	2	20.77	7.81	25.9	92.7	7.13	11.8	6.8
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	IS(Mf)6	12:38:49	3.9	Bottom	3	1	20.66	7.81	26.55	93.2	7.15	11.9	5.5
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	IS(Mf)6	12:38:09	3.9	Bottom	3	2	20.67	7.8	26.58	92.6	7.13	12.2	5.9
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	IS7	11:31:41	1.0	Surface	1	1	20.71	7.77	26.17	96.4	7.41	8.8	3.7
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	IS7	11:31:03	1.0	Surface	1	2	20.7	7.76	26.19	98.8	7.59	9	4.1
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	IS7	11:30:53	3.9	Bottom	3	1	20.44	7.76	26.99	98.3	7.56	10.6	3.1
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	IS7	11:31:32	3.9	Bottom	3	2	20.46	7.77	26.94	96.9	7.45	10.1	4.6
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	IS8	11:31:22	1.0	Surface	1	1	20.44	7.76	27.29	96.9	7.44	10.4	5.1
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	IS8	11:30:39	1.0	Surface	1	2	20.46	7.75	27.12	97.4	7.48	10.3	4.7
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	IS8	07:07:21	1.0	Bottom	3	1	20.8	7.72	25.92	99.9	7.68	11.3	7.3
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	IS8	07:07:59	1.0	Bottom	3	2	20.83	7.74	25.9	103.1	7.92	11.6	6.6
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	IS(Mf)9	07:07:06	1.0	Surface	1	1	20.57	7.71	27.04	94.5	7.24	12.1	3.6
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	IS(Mf)9	07:07:44	1.0	Surface	1	2	20.58	7.73	26.94	99.4	7.63	12.2	3.6
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	IS(Mf)9	07:07:34	9.7	Bottom	3	1	20.57	7.72	27.16	100.3	7.69	12.2	4
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	IS(Mf)9	07:06:58	9.7	Bottom	3	2	20.55	7.71	27.28	93.5	7.17	12.7	3.6
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	IS10	07:15:27	1.0	Surface	1	1	20.74	7.77	25.91	104.1	8	10.7	7.2
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	IS10	07:15:12	1.0	Surface	1	2	20.68	7.76	25.96	99.1	7.61	11.1	7.4
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	IS10	07:15:19	1.1	Middle	2	1	20.71	7.77	26.31	99.1	7.63	10.6	7.3
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	IS10	07:15:05	1.1	Middle	2	2	20.74	7.76	26.28	97.4	7.5	10.6	6.9
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	IS10	08:22:17	1.1	Bottom	3	1	20.55	7.75	26.28	98.9	7.63	9.1	6.8
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	IS10	08:21:38	1.1	Bottom	3	2	20.48	7.73	26.42	98.5	7.59	9	6.4
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	SR3	08:21:28	4.2	Middle	2	1	20.42	7.73	27.03	98.5	7.58	9.9	11
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	SR3	08:22:06	4.2	Middle	2	2	20.44	7.74	27.02	99.3	7.63	9.9	10.8
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	SR4	08:21:55	1.0	Surface	1	1	20.42	7.74	27.32	100.7	7.73	9.9	5.4
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	SR4	08:21:15	1.0	Surface	1	2	20.4	7.72	27.34	98.1	7.55	9.8	6.1
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	SR4	11:52:50	1.0	Bottom	3	1	20.25	7.88	30.29	90.8	6.87	10.3	5.1
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	SR4	11:52:12	1.0	Bottom	3	2	20.24	7.88	30.31	90.9	6.88	10.3	5
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	SR5	11:52:00	1.0	Surface	1	1	20.17	7.88	30.3	90.5	6.86	10.8	6.8
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	SR5	11:52:34	1.0	Surface	1	2	20.12	7.88	30.3	90.6	6.87	10	7.1
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	SR5	11:51:53	7.6	Bottom	3	1	20.17	7.88	30.29	90.5	6.86	10.3	6.8
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	SR5	11:52:26	7.6	Bottom	3	2	20.13	7.88	30.29	90.5	6.86	10.6	6.6
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	SR10A	12:02:10	1.0	Surface	1	1	20.9	7.89	30.2	92.1	6.89	6.6	3.7
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	SR10A	12:01:55	1.0	Surface	1	2	20.96	7.89	30.23	92.4	6.91	6.3	3.5
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	SR10A	12:01:46	1.0	Middle	2	1	20.68	7.9	30.2	91.7	6.89	6.8	3.6
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	SR10A	12:02:01	1.0	Middle	2	2	20.77	7.89	30.18	91.7	6.88	7	3.4
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	SR10A	12:08:47	1.0	Bottom	3	1	21.23	7.88	30.22	94	6.99	2.2	4.1
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	SR10A	12:09:03	1.0	Bottom	3	2	21.35	7.88	30.2	94.1	6.99	2.2	3.9
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	SR10B	12:08:54	1.0	Surface	1	1	21.19	7.88	30.11	93.9	6.99	2.2	4.3
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	SR10B	12:08:39	1.0	Surface	1	2	21.02	7.88	30.08	93.3	6.97	2.2	4.2
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	SR10B	12:36:41	1.0	Bottom	3	1	20.19	7.86	29.56	90.9	6.91	5.4	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	2015-03-20	Mid-Ebb	Sunny	SR10B	12:36:28	1.0	Bottom	3	2	20.2	7.86	29.63	90.9	6.91	5.6	4
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	CS2	12:36:34	1.0	Surface	1	1	20.22	7.86	29.84	91.1	6.92	6	5.6
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	CS2	12:36:21	1.0	Surface	1	2	20.23	7.86	29.94	91.2	6.92	6	6.2
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	CS2	12:16:13	1.7	Middle	2	1	20.34	7.87	29.71	92.3	7	4.8	5
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	CS2	12:15:57	1.7	Middle	2	2	20.34	7.88	29.67	92.6	7.02	5	4.5
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	CS2	12:16:07	2.3	Bottom	3	1	20.33	7.88	29.77	92.4	7.01	5.1	5.6
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	CS2	12:15:50	2.3	Bottom	3	2	20.33	7.88	29.8	92.9	7.04	5.4	6.5
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	CS(Mf)5	11:39:39	1.0	Surface	1	1	20.15	7.93	30.29	91	6.9	6.6	3.6
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	CS(Mf)5	11:39:27	1.0	Surface	1	2	20.15	7.94	30.31	91.2	6.91	7.2	3.2
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	CS(Mf)5	12:27:14	1.8	Middle	2	1	20.11	7.88	29.34	92.2	7.04	3.7	6.1
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	CS(Mf)5	12:27:34	1.8	Middle	2	2	20.12	7.87	29.37	91.6	6.99	3.8	6.4
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	CS(Mf)5	12:27:26	2.5	Bottom	3	1	20.18	7.87	29.8	92.2	7.01	4	5.2
HKLR	HY/2011/03	2015-03-20	Mid-Ebb	Sunny	CS(Mf)5	12:27:08	2.5	Bottom	3	2	20.13	7.87	29.55	92.3	7.03	3.6	4.6
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	IS5	13:44:32	1.0	Surface	1	1	19.96	7.88	30.47	91.1	6.93	1.5	7.8
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	IS5	13:44:59	1.0	Surface	1	2	19.93	7.88	30.49	91	6.92	1.4	7
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	IS5	13:44:50	3.3	Middle	2	1	19.48	7.88	30.81	90.2	6.9	1.3	7.5
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	IS5	13:44:24	3.3	Middle	2	2	19.78	7.89	30.6	90.3	6.88	1.4	7.9
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	IS5	13:44:15	5.5	Bottom	3	1	19.26	7.89	30.96	89.9	6.9	1.2	6.7
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	IS5	13:44:44	5.5	Bottom	3	2	19.3	7.88	30.97	89.8	6.89	1.3	6.8
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	IS(Mf)6	13:56:27	1.0	Surface	1	1	19.8	7.86	30.59	90.6	6.9	1.7	8
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	IS(Mf)6	13:56:09	1.0	Surface	1	2	19.75	7.87	30.62	90.7	6.91	1.8	6.9
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	IS(Mf)6	13:56:01	4.4	Bottom	3	1	19.67	7.87	30.7	90.2	6.89	1.7	7
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	IS(Mf)6	13:56:19	4.4	Bottom	3	2	19.48	7.87	30.82	90.1	6.9	1.6	8.1
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	IS7	13:17:12	1.0	Surface	1	1	20.01	7.87	29.69	90.6	6.91	3	8
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	IS7	13:17:55	1.0	Surface	1	2	20.29	7.87	29.46	91.6	6.97	3	8.7
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	IS7	13:17:40	6.6	Bottom	3	1	19.19	7.86	30.7	88.6	6.83	3.5	13.6
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	IS7	13:17:02	6.6	Bottom	3	2	19.22	7.86	30.68	89.2	6.87	3.3	14.6
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	IS8	13:17:31	1.0	Surface	1	1	19.21	7.86	30.71	89.3	6.88	3.2	5
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	IS8	13:16:56	1.0	Surface	1	2	19.38	7.86	30.51	89.6	6.89	3.2	4.5
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	IS8	08:04:01	1.0	Bottom	3	1	20.39	7.85	30.33	90.6	6.84	6	4.6
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	IS8	08:03:21	1.0	Bottom	3	2	20.39	7.85	30.33	90.6	6.84	6.4	4.4
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	IS(Mf)9	08:03:14	1.0	Surface	1	1	20.38	7.85	30.34	90.4	6.83	6.5	6.1
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	IS(Mf)9	08:03:52	1.0	Surface	1	2	20.38	7.85	30.34	90.6	6.84	6.6	6.4
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	IS(Mf)9	08:03:09	7.5	Bottom	3	1	20.38	7.85	30.34	90.5	6.83	6.6	6.8
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	IS(Mf)9	08:03:40	7.5	Bottom	3	2	20.38	7.85	30.34	90.5	6.83	6.4	6.2
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	IS10	07:50:27	1.0	Surface	1	1	20.47	7.86	30.32	90.7	6.84	5.8	8
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	IS10	07:50:41	1.0	Surface	1	2	20.48	7.86	30.32	90	6.78	5.4	7.3
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	IS10	07:50:31	1.0	Middle	2	1	20.47	7.86	30.32	90.8	6.84	5.6	6.3
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	IS10	07:50:16	1.0	Middle	2	2	20.46	7.86	30.33	90.5	6.82	5.5	6.9
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	IS10	07:43:36	1.0	Bottom	3	1	20.4	7.87	30.33	90.7	6.84	5.6	7.1
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	IS10	07:42:52	1.0	Bottom	3	2	20.39	7.88	30.33	90.6	6.84	6	6.4
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	SR3	07:42:45	2.3	Middle	2	1	20.39	7.88	30.34	90.8	6.85	5.7	8.3
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	SR3	07:43:27	2.3	Middle	2	2	20.39	7.87	30.34	91	6.87	5.8	7.5
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	SR4	07:13:10	1.0	Surface	1	1	19.5	7.83	30.16	90.5	6.95	2.3	5.8
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	SR4	07:12:56	1.0	Surface	1	2	19.61	7.83	30.04	90.8	6.96	2.2	5.8
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	SR4	07:12:51	2.8	Bottom	3	1	19.58	7.83	30.05	90.6	6.96	2.2	5.9
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	SR4	07:13:03	2.8	Bottom	3	2	19.48	7.83	30.35	90.4	6.94	2.4	6.8
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	SR5	07:35:31	1.0	Surface	1	1	19.48	7.83	30.19	89.8	6.9	2.6	7
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	SR5	07:35:45	1.0	Surface	1	2	19.46	7.83	30.2	90	6.92	2.6	6.4
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	SR5	07:35:23	2.4	Bottom	3	1	19.26	7.83	30.7	89.4	6.88	3.1	6.9
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	SR5	07:35:37	2.4	Bottom	3	2	19.36	7.83	30.52	89.5	6.88	2.8	6.1
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	SR10A	08:18:45	1.0	Surface	1	1	20.4	7.85	30.33	90.7	6.85	5	8.1
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	SR10A	08:19:01	1.0	Surface	1	2	20.4	7.85	30.33	90.8	6.85	5.1	8.9

Water Quarterly Monitoring Data

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	2015-03-20	Mid-Flood	Sunny	SR10A	07:25:29	1.7	Middle	2	1	19.37	7.83	30.34	89.8	6.91	2.5	6.2
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	SR10A	07:25:17	1.7	Middle	2	2	19.48	7.83	30.16	90.1	6.92	2.3	5.4
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	SR10A	07:25:23	2.4	Bottom	3	1	19.35	7.83	30.56	89.8	6.9	2.5	5.9
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	SR10A	07:25:08	2.4	Bottom	3	2	19.45	7.83	30.35	89.8	6.9	2.4	5.3
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	SR10B	06:03:43	1.0	Surface	1	1	19.27	7.83	30.53	88.8	6.84	4.5	5.2
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	SR10B	06:03:14	1.0	Surface	1	2	19.34	7.83	30.35	89.1	6.85	4.7	6.1
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	SR10B	06:03:32	3.3	Bottom	3	1	19.09	7.83	30.98	88.3	6.81	6.2	2.9
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	SR10B	06:03:03	3.3	Bottom	3	2	19.12	7.83	30.92	88.5	6.82	6.5	3.9
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	CS2	06:03:24	1.0	Surface	1	1	19.12	7.83	30.92	88.6	6.82	6	7.3
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	CS2	06:02:57	1.0	Surface	1	2	19.17	7.83	30.83	88.8	6.84	5.6	7.7
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	CS2	05:50:20	2.6	Middle	2	1	19.11	7.83	30.87	88.5	6.82	4.1	6.3
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	CS2	05:50:03	2.6	Middle	2	2	19.1	7.83	30.9	88.4	6.82	3.8	5.7
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	CS2	05:49:54	4.2	Bottom	3	1	19.09	7.83	30.91	88.5	6.82	6	6.2
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	CS2	05:50:10	4.2	Bottom	3	2	19.09	7.83	30.92	88.4	6.81	6.2	6.8
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	CS(Mf)5	06:39:48	1.0	Surface	1	1	19.15	7.83	30.83	88.2	6.79	4.7	4.7
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	CS(Mf)5	06:40:27	1.0	Surface	1	2	19.18	7.83	30.8	88.2	6.79	5	4.7
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	CS(Mf)5	06:40:11	6.5	Middle	2	1	19.06	7.83	31.07	87.9	6.77	6.3	4.1
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	CS(Mf)5	06:39:34	6.5	Middle	2	2	19.07	7.83	31.06	87.8	6.77	6.6	3.2
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	CS(Mf)5	06:40:05	12	Bottom	3	1	19.06	7.83	31.08	87.9	6.77	6.2	4.6
HKLR	HY/2011/03	2015-03-20	Mid-Flood	Sunny	CS(Mf)5	06:39:24	12	Bottom	3	2	19.06	7.83	31.06	87.9	6.77	6.1	5.3
HKLR	HY/2011/03	2015-03-23	Mid-Ebb	Sunny	IS5	14:59:01	1.0	Surface	1	1	20.99	8.04	28.03	96.8	7.33	8.5	13.2
HKLR	HY/2011/03	2015-03-23	Mid-Ebb	Sunny	IS5	14:59:55	1.0	Surface	1	2	21.07	8.05	28.01	96	7.26	8.4	13.8
HKLR	HY/2011/03	2015-03-23	Mid-Ebb	Sunny	IS5	14:58:50	5.4	Middle	2	1	20.64	8.05	28.74	97.1	7.37	8.6	12.4
HKLR	HY/2011/03	2015-03-23	Mid-Ebb	Sunny	IS5	14:59:39	5.4	Middle	2	2	20.63	8.07	28.8	96.2	7.3	8.7	13.3
HKLR	HY/2011/03	2015-03-23	Mid-Ebb	Sunny	IS5	14:59:25	9.8	Bottom	3	1	20.64	8.05	29.05	97	7.34	8.8	12.1
HKLR	HY/2011/03	2015-03-23	Mid-Ebb	Sunny	IS5	14:58:38	9.8	Bottom	3	2	20.65	8.02	29.07	97.6	7.55	8.9	12.6
HKLR	HY/2011/03	2015-03-23	Mid-Ebb	Sunny	IS(Mf)6	14:49:04	1.0	Surface	1	1	21.02	7.95	27.86	107.5	8.14	7.9	11.4
HKLR	HY/2011/03	2015-03-23	Mid-Ebb	Sunny	IS(Mf)6	14:49:28	1.0	Surface	1	2	21.08	7.96	27.86	99.7	7.54	7.7	11.8
HKLR	HY/2011/03	2015-03-23	Mid-Ebb	Sunny	IS(Mf)6	14:49:13	4.1	Bottom	3	1	20.93	7.95	28.43	99.9	7.55	7.7	13.8
HKLR	HY/2011/03	2015-03-23	Mid-Ebb	Sunny	IS(Mf)6	14:48:55	4.1	Bottom	3	2	20.86	7.94	28.43	100.6	7.61	7.8	14.5
HKLR	HY/2011/03	2015-03-23	Mid-Ebb	Sunny	IS7	13:32:18	1.0	Surface	1	1	20.83	7.65	26.51	105.4	8.12	8.7	11.4
HKLR	HY/2011/03	2015-03-23	Mid-Ebb	Sunny	IS7	13:32:52	1.0	Surface	1	2	20.75	7.77	23.82	98.9	7.7	8.2	11.5
HKLR	HY/2011/03	2015-03-23	Mid-Ebb	Sunny	IS7	13:32:38	4.1	Bottom	3	1	20.61	7.74	27.29	100.8	7.72	8.6	11.1
HKLR	HY/2011/03	2015-03-23	Mid-Ebb	Sunny	IS7	13:31:53	4.1	Bottom	3	2	20.61	7.53	26.42	103.1	7.93	8.8	10.9
HKLR	HY/2011/03	2015-03-23	Mid-Ebb	Sunny	IS8	13:32:29	1.0	Surface	1	1	20.65	7.72	27.46	99.8	7.63	8.7	19.4
HKLR	HY/2011/03	2015-03-23	Mid-Ebb	Sunny	IS8	13:31:38	1.0	Surface	1	2	20.61	7.52	26.13	101.5	7.77	8.8	19.9
HKLR	HY/2011/03	2015-03-23	Mid-Ebb	Sunny	IS8	08:39:09	1.1	Bottom	3	1	20.45	7.89	24.82	83.8	6.52	22.1	22
HKLR	HY/2011/03	2015-03-23	Mid-Ebb	Sunny	IS8	08:39:47	1.1	Bottom	3	2	20.46	7.89	26.8	84	6.47	22.1	21.4
HKLR	HY/2011/03	2015-03-23	Mid-Ebb	Sunny	IS(Mf)9	08:38:56	1.0	Surface	1	1	20.45	7.89	27	84.3	6.48	22.1	10.2
HKLR	HY/2011/03	2015-03-23	Mid-Ebb	Sunny	IS(Mf)9	08:39:36	1.0	Surface	1	2	20.46	7.9	27.08	84.1	6.47	22.2	10.6
HKLR	HY/2011/03	2015-03-23	Mid-Ebb	Sunny	IS(Mf)9	08:39:23	9.7	Bottom	3	1	20.45	7.87	27.25	83.7	6.43	22.5	10.6
HKLR	HY/2011/03	2015-03-23	Mid-Ebb	Sunny	IS(Mf)9	08:38:45	9.7	Bottom	3	2	20.44	7.87	27.21	84.1	6.46	22.6	11.7
HKLR	HY/2011/03	2015-03-23	Mid-Ebb	Sunny	IS10	08:48:47	1.0	Surface	1	1	20.46	7.92	26.86	83.4	6.42	23.1	5.3
HKLR	HY/2011/03	2015-03-23	Mid-Ebb	Sunny	IS10	08:49:04	1.0	Surface	1	2	20.47	7.92	26.86	83.3	6.41	23	5.6
HKLR	HY/2011/03	2015-03-23	Mid-Ebb	Sunny	IS10	08:48:38	1.1	Middle	2	1	20.46	7.91	25.03	82.9	6.45	23.6	6.1
HKLR	HY/2011/03	2015-03-23	Mid-Ebb	Sunny	IS10	08:48:54	1.1	Middle	2	2	20.46	7.91	25.02	82.9	6.45	23.4	7.5
HKLR	HY/2011/03	2015-03-23	Mid-Ebb	Sunny	IS10	09:59:37	1.1	Bottom	3	1	21.25	7.94	26.57	80.8	6.14	20.4	6.6
HKLR	HY/2011/03	2015-03-23	Mid-Ebb	Sunny	IS10	09:58:47	1.1	Bottom	3	2	21.23	7.94	26.54	81.1	6.17	20.1	6.3
HKLR	HY/2011/03	2015-03-23	Mid-Ebb	Sunny	SR3	09:58:33	3.9	Middle	2	1	21.27	7.95	26.71	81.6	6.19	20.6	12.5
HKLR	HY/2011/03	2015-03-23	Mid-Ebb	Sunny	SR3	09:59:24	3.9	Middle	2	2	21.25	7.96	26.81	81.2	6.16	20.2	13.2
HKLR	HY/2011/03	2015-03-23	Mid-Ebb	Sunny	SR4	09:59:00	1.0	Surface	1	1	21.26	7.92	26.91	81	6.14	20.7	14.8
HKLR	HY/2011/03	2015-03-23	Mid-Ebb	Sunny	SR4	09:58:20	1.0	Surface	1	2	21.26	7.93	26.88	80.9	6.13	20.3	13.8
HKLR	HY/2011/03	2015-03-23	Mid-Ebb	Sunny	SR4	13:42:28	1.0	Bottom	3	1	19.92	7.84	30.32	91.4	6.96	9.4	13.5

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	2015-03-23	Mid-Ebb	Sunny	SR4	13:42:00	1.0	Bottom	3	2	19.91	7.85	30.34	91.6	6.97	8.9	14
HKLR	HY/2011/03	2015-03-23	Mid-Ebb	Sunny	SR5	13:41:45	1.0	Surface	1	1	19.85	7.85	30.45	91.1	6.94	10.4	6.8
HKLR	HY/2011/03	2015-03-23	Mid-Ebb	Sunny	SR5	13:42:13	1.0	Surface	1	2	19.85	7.84	30.43	91	6.93	9.9	6.5
HKLR	HY/2011/03	2015-03-23	Mid-Ebb	Sunny	SR5	13:41:41	7.3	Bottom	3	1	19.86	7.85	30.44	91.3	6.95	9.5	6.2
HKLR	HY/2011/03	2015-03-23	Mid-Ebb	Sunny	SR5	13:42:08	7.3	Bottom	3	2	19.86	7.84	30.42	91.1	6.94	9.3	6.2
HKLR	HY/2011/03	2015-03-23	Mid-Ebb	Sunny	SR10A	13:52:30	1.0	Surface	1	1	19.98	7.86	29.93	91.4	6.97	13.9	6.9
HKLR	HY/2011/03	2015-03-23	Mid-Ebb	Sunny	SR10A	13:52:42	1.0	Surface	1	2	19.96	7.86	29.94	91.2	6.96	14.2	6.5
HKLR	HY/2011/03	2015-03-23	Mid-Ebb	Sunny	SR10A	13:52:36	1.0	Middle	2	1	19.96	7.86	29.95	91.3	6.96	16.6	5.7
HKLR	HY/2011/03	2015-03-23	Mid-Ebb	Sunny	SR10A	13:52:20	1.0	Middle	2	2	19.97	7.87	29.98	91.8	7	16.1	5.9
HKLR	HY/2011/03	2015-03-23	Mid-Ebb	Sunny	SR10A	13:59:24	1.0	Bottom	3	1	20.07	7.89	29.75	92.6	7.06	4.8	6
HKLR	HY/2011/03	2015-03-23	Mid-Ebb	Sunny	SR10A	13:59:36	1.0	Bottom	3	2	20.1	7.88	29.75	92.4	7.04	4.7	6.3
HKLR	HY/2011/03	2015-03-23	Mid-Ebb	Sunny	SR10B	13:59:16	1.0	Surface	1	1	20.02	7.89	29.74	92.8	7.08	5	5.8
HKLR	HY/2011/03	2015-03-23	Mid-Ebb	Sunny	SR10B	13:59:29	1.0	Surface	1	2	20.08	7.88	29.75	92.4	7.04	4.8	5.6
HKLR	HY/2011/03	2015-03-23	Mid-Ebb	Sunny	SR10B	14:31:13	1.1	Bottom	3	1	19.95	7.87	29.7	90.2	6.89	4.8	6.3
HKLR	HY/2011/03	2015-03-23	Mid-Ebb	Sunny	SR10B	14:31:26	1.1	Bottom	3	2	20	7.87	29.68	90.2	6.89	4.9	7.3
HKLR	HY/2011/03	2015-03-23	Mid-Ebb	Sunny	CS2	14:31:08	1.0	Surface	1	1	19.98	7.87	29.69	90.1	6.88	4.8	7.7
HKLR	HY/2011/03	2015-03-23	Mid-Ebb	Sunny	CS2	14:31:18	1.0	Surface	1	2	19.96	7.87	29.71	90.2	6.89	4.8	7.6
HKLR	HY/2011/03	2015-03-23	Mid-Ebb	Sunny	CS2	14:07:50	1.6	Middle	2	1	20.11	7.86	29.74	91.4	6.96	4.7	7.7
HKLR	HY/2011/03	2015-03-23	Mid-Ebb	Sunny	CS2	14:07:38	1.6	Middle	2	2	20.1	7.87	29.74	91.5	6.97	5	7.2
HKLR	HY/2011/03	2015-03-23	Mid-Ebb	Sunny	CS2	14:07:31	2.2	Bottom	3	1	20.09	7.87	29.75	91.4	6.96	5.1	7.9
HKLR	HY/2011/03	2015-03-23	Mid-Ebb	Sunny	CS2	14:07:42	2.2	Bottom	3	2	20.1	7.87	29.74	91.4	6.96	4.8	7.6
HKLR	HY/2011/03	2015-03-23	Mid-Ebb	Sunny	CS(Mf)5	13:28:33	1.0	Surface	1	1	19.91	7.98	30.63	90.8	6.9	8.1	6
HKLR	HY/2011/03	2015-03-23	Mid-Ebb	Sunny	CS(Mf)5	13:28:41	1.0	Surface	1	2	19.91	7.96	30.59	90.8	6.91	8.4	6.2
HKLR	HY/2011/03	2015-03-23	Mid-Ebb	Sunny	CS(Mf)5	14:20:05	1.8	Middle	2	1	19.96	7.87	29.68	90.9	6.94	4.8	7.5
HKLR	HY/2011/03	2015-03-23	Mid-Ebb	Sunny	CS(Mf)5	14:19:46	1.8	Middle	2	2	20.12	7.87	29.64	91.3	6.96	4.6	8.1
HKLR	HY/2011/03	2015-03-23	Mid-Ebb	Sunny	CS(Mf)5	14:19:56	2.6	Bottom	3	1	19.94	7.87	29.72	90.7	6.93	4.9	7.4
HKLR	HY/2011/03	2015-03-23	Mid-Ebb	Sunny	CS(Mf)5	14:19:38	2.6	Bottom	3	2	19.96	7.87	29.73	91	6.95	4.8	6.1
HKLR	HY/2011/03	2015-03-23	Mid-Flood	Sunny	IS5	15:45:07	1.0	Surface	1	1	19.88	7.88	30.19	89.4	6.82	5.4	10.8
HKLR	HY/2011/03	2015-03-23	Mid-Flood	Sunny	IS5	15:44:31	1.0	Surface	1	2	19.98	7.88	30.16	89.7	6.83	5.1	11.8
HKLR	HY/2011/03	2015-03-23	Mid-Flood	Sunny	IS5	15:44:58	3.2	Middle	2	1	19.72	7.88	30.26	89.3	6.83	5.6	14
HKLR	HY/2011/03	2015-03-23	Mid-Flood	Sunny	IS5	15:44:14	3.2	Middle	2	2	19.75	7.88	30.24	89	6.8	5.2	11.6
HKLR	HY/2011/03	2015-03-23	Mid-Flood	Sunny	IS5	15:44:04	5.3	Bottom	3	1	19.79	7.88	30.22	89.6	6.84	4	10.7
HKLR	HY/2011/03	2015-03-23	Mid-Flood	Sunny	IS5	15:44:53	5.3	Bottom	3	2	19.72	7.88	30.27	89.6	6.85	4.3	10.3
HKLR	HY/2011/03	2015-03-23	Mid-Flood	Sunny	IS(Mf)6	15:56:18	1.0	Surface	1	1	19.86	7.88	30.2	89.3	6.81	5.5	11.6
HKLR	HY/2011/03	2015-03-23	Mid-Flood	Sunny	IS(Mf)6	15:56:39	1.0	Surface	1	2	19.9	7.88	30.19	89.3	6.81	5.3	10.2
HKLR	HY/2011/03	2015-03-23	Mid-Flood	Sunny	IS(Mf)6	15:56:09	3.7	Bottom	3	1	19.75	7.88	30.24	89.1	6.81	5.6	15.8
HKLR	HY/2011/03	2015-03-23	Mid-Flood	Sunny	IS(Mf)6	15:56:27	3.7	Bottom	3	2	19.77	7.88	30.24	89.5	6.84	5.4	17
HKLR	HY/2011/03	2015-03-23	Mid-Flood	Sunny	IS7	15:13:11	1.0	Surface	1	1	19.89	7.89	30.19	90.6	6.91	4.9	6.2
HKLR	HY/2011/03	2015-03-23	Mid-Flood	Sunny	IS7	15:13:46	1.0	Surface	1	2	19.88	7.88	30.2	90	6.87	4.7	5.4
HKLR	HY/2011/03	2015-03-23	Mid-Flood	Sunny	IS7	15:12:56	6.6	Bottom	3	1	19.7	7.89	30.36	90.1	6.89	4.5	10.4
HKLR	HY/2011/03	2015-03-23	Mid-Flood	Sunny	IS7	15:13:34	6.6	Bottom	3	2	19.65	7.88	30.46	89.6	6.85	4.2	10.9
HKLR	HY/2011/03	2015-03-23	Mid-Flood	Sunny	IS8	15:12:49	1.0	Surface	1	1	19.7	7.89	30.44	90.2	6.89	4.5	5.2
HKLR	HY/2011/03	2015-03-23	Mid-Flood	Sunny	IS8	15:13:26	1.0	Surface	1	2	19.66	7.88	30.52	89.9	6.87	4.4	5.4
HKLR	HY/2011/03	2015-03-23	Mid-Flood	Cloudy	IS8	09:42:12	1.1	Bottom	3	1	19.91	7.88	30.09	90.6	6.91	9.5	5
HKLR	HY/2011/03	2015-03-23	Mid-Flood	Cloudy	IS8	09:42:57	1.1	Bottom	3	2	19.92	7.88	30.07	90.7	6.92	9.5	5.6
HKLR	HY/2011/03	2015-03-23	Mid-Flood	Cloudy	IS(Mf)9	09:42:05	1.0	Surface	1	1	19.91	7.88	30.1	90.8	6.93	9.2	4.2
HKLR	HY/2011/03	2015-03-23	Mid-Flood	Cloudy	IS(Mf)9	09:42:41	1.0	Surface	1	2	19.91	7.88	30.1	90.7	6.91	9.4	5.5
HKLR	HY/2011/03	2015-03-23	Mid-Flood	Cloudy	IS(Mf)9	09:42:34	7.4	Bottom	3	1	19.91	7.88	30.1	90.7	6.92	9.3	6.1
HKLR	HY/2011/03	2015-03-23	Mid-Flood	Cloudy	IS(Mf)9	09:41:59	7.4	Bottom	3	2	19.92	7.88	30.1	91.2	6.95	9.6	6.9
HKLR	HY/2011/03	2015-03-23	Mid-Flood	Cloudy	IS10	09:30:19	1.0	Surface	1	1	19.96	7.88	30.12	91.9	7	10	24.9
HKLR	HY/2011/03	2015-03-23	Mid-Flood	Cloudy	IS10	09:30:04	1.0	Surface	1	2	19.96	7.88	30.12	91.7	6.99	10.9	25.2
HKLR	HY/2011/03	2015-03-23	Mid-Flood	Cloudy	IS10	09:29:55	1.0	Middle	2	1	19.96	7.88	30.13	92.1	7.01	11.2	24.8
HKLR	HY/2011/03	2015-03-23	Mid-Flood	Cloudy	IS10	09:30:09	1.0	Middle	2	2	19.96	7.88	30.13	92.2	7.02	10.4	24.5

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	2015-03-23	Mid-Flood	Cloudy	IS10	09:21:31	1.0	Bottom	3	1	19.82	7.87	29.84	90.3	6.91	7.5	24.1
HKLR	HY/2011/03	2015-03-23	Mid-Flood	Cloudy	IS10	09:21:17	1.0	Bottom	3	2	19.82	7.87	29.84	90.2	6.9	7.7	24.7
HKLR	HY/2011/03	2015-03-23	Mid-Flood	Cloudy	SR3	09:21:24	2.4	Middle	2	1	19.82	7.87	29.84	90.5	6.92	7.6	11.7
HKLR	HY/2011/03	2015-03-23	Mid-Flood	Cloudy	SR3	09:21:10	2.4	Middle	2	2	19.82	7.87	29.85	90.5	6.93	8.1	11.8
HKLR	HY/2011/03	2015-03-23	Mid-Flood	Cloudy	SR4	08:50:56	1.0	Surface	1	1	19.62	7.87	30.09	90.2	6.92	13.7	6.1
HKLR	HY/2011/03	2015-03-23	Mid-Flood	Cloudy	SR4	08:50:43	1.0	Surface	1	2	19.61	7.87	30.09	90.7	6.96	13.6	5.4
HKLR	HY/2011/03	2015-03-23	Mid-Flood	Cloudy	SR4	08:50:36	2.6	Bottom	3	1	19.61	7.87	30.12	91.3	7	15.3	6.7
HKLR	HY/2011/03	2015-03-23	Mid-Flood	Cloudy	SR4	08:50:49	2.6	Bottom	3	2	19.61	7.87	30.11	90.4	6.93	13.9	5.6
HKLR	HY/2011/03	2015-03-23	Mid-Flood	Cloudy	SR5	09:13:19	1.0	Surface	1	1	19.83	7.87	29.85	91.7	7.01	7.6	25.2
HKLR	HY/2011/03	2015-03-23	Mid-Flood	Cloudy	SR5	09:13:05	1.0	Surface	1	2	19.83	7.87	29.85	92.3	7.06	7.8	25.5
HKLR	HY/2011/03	2015-03-23	Mid-Flood	Cloudy	SR5	09:13:11	2.4	Bottom	3	1	19.83	7.87	29.86	92	7.04	7.8	25
HKLR	HY/2011/03	2015-03-23	Mid-Flood	Cloudy	SR5	09:12:56	2.4	Bottom	3	2	19.83	7.87	29.86	92.7	7.09	8.3	24.2
HKLR	HY/2011/03	2015-03-23	Mid-Flood	Cloudy	SR10A	09:52:52	1.0	Surface	1	1	19.93	7.88	30.07	90.6	6.91	8.7	8
HKLR	HY/2011/03	2015-03-23	Mid-Flood	Cloudy	SR10A	09:52:57	1.0	Surface	1	2	19.93	7.88	30.07	90.5	6.9	8.5	7.8
HKLR	HY/2011/03	2015-03-23	Mid-Flood	Cloudy	SR10A	09:01:07	1.7	Middle	2	1	19.62	7.87	30.07	89.2	6.84	10	8.4
HKLR	HY/2011/03	2015-03-23	Mid-Flood	Cloudy	SR10A	09:00:50	1.7	Middle	2	2	19.62	7.87	30.08	88.9	6.82	10.6	8
HKLR	HY/2011/03	2015-03-23	Mid-Flood	Cloudy	SR10A	09:00:57	2.3	Bottom	3	1	19.62	7.87	30.08	89.1	6.83	11.8	8.3
HKLR	HY/2011/03	2015-03-23	Mid-Flood	Cloudy	SR10A	09:00:43	2.3	Bottom	3	2	19.62	7.87	30.11	88.9	6.82	12.2	7.9
HKLR	HY/2011/03	2015-03-23	Mid-Flood	Cloudy	SR10B	07:48:30	1.0	Surface	1	1	19.43	7.88	30.77	88.5	6.78	3.3	7.6
HKLR	HY/2011/03	2015-03-23	Mid-Flood	Cloudy	SR10B	07:48:05	1.0	Surface	1	2	19.46	7.88	30.53	89	6.83	3.3	7.7
HKLR	HY/2011/03	2015-03-23	Mid-Flood	Cloudy	SR10B	07:47:54	3.4	Bottom	3	1	19.44	7.88	30.78	88.7	6.8	3.2	8.7
HKLR	HY/2011/03	2015-03-23	Mid-Flood	Cloudy	SR10B	07:48:22	3.4	Bottom	3	2	19.43	7.88	30.8	88.9	6.81	3.1	7.7
HKLR	HY/2011/03	2015-03-23	Mid-Flood	Cloudy	CS2	07:48:13	1.0	Surface	1	1	19.44	7.88	30.79	88.9	6.81	4.5	25.6
HKLR	HY/2011/03	2015-03-23	Mid-Flood	Cloudy	CS2	07:47:43	1.0	Surface	1	2	19.41	7.88	30.92	88.6	6.79	4.7	24.9
HKLR	HY/2011/03	2015-03-23	Mid-Flood	Cloudy	CS2	07:35:01	2.6	Middle	2	1	19.38	7.88	30.99	90.5	6.93	4.3	29.8
HKLR	HY/2011/03	2015-03-23	Mid-Flood	Cloudy	CS2	07:35:17	2.6	Middle	2	2	19.39	7.88	30.95	89.8	6.88	4.2	30.1
HKLR	HY/2011/03	2015-03-23	Mid-Flood	Cloudy	CS2	07:35:08	4.1	Bottom	3	1	19.38	7.88	31.02	90.1	6.9	4.3	30.6
HKLR	HY/2011/03	2015-03-23	Mid-Flood	Cloudy	CS2	07:34:52	4.1	Bottom	3	2	19.38	7.88	31.06	90.9	6.97	4.4	29.3
HKLR	HY/2011/03	2015-03-23	Mid-Flood	Cloudy	CS(Mf)5	08:14:18	1.0	Surface	1	1	19.6	7.88	30.14	89.1	6.83	4.7	6.8
HKLR	HY/2011/03	2015-03-23	Mid-Flood	Cloudy	CS(Mf)5	08:14:48	1.0	Surface	1	2	19.6	7.88	30.17	88.7	6.8	4.4	6.5
HKLR	HY/2011/03	2015-03-23	Mid-Flood	Cloudy	CS(Mf)5	08:13:59	6.7	Middle	2	1	19.57	7.88	30.61	88.7	6.79	4.7	6.8
HKLR	HY/2011/03	2015-03-23	Mid-Flood	Cloudy	CS(Mf)5	08:14:35	6.7	Middle	2	2	19.58	7.88	30.56	88.6	6.78	5	6.3
HKLR	HY/2011/03	2015-03-23	Mid-Flood	Cloudy	CS(Mf)5	08:14:29	12.4	Bottom	3	1	19.59	7.88	30.53	89.3	6.83	4.8	7.2
HKLR	HY/2011/03	2015-03-23	Mid-Flood	Cloudy	CS(Mf)5	08:13:53	12.4	Bottom	3	2	19.58	7.88	30.6	89.2	6.83	5	6.8
HKLR	HY/2011/03	2015-03-25	Mid-Ebb	Cloudy	IS5	15:15:29	1.0	Surface	1	1	19.49	7.92	30.74	90.3	6.91	6.1	7.2
HKLR	HY/2011/03	2015-03-25	Mid-Ebb	Cloudy	IS5	15:15:08	1.0	Surface	1	2	19.49	7.92	30.74	90.5	6.93	6	7.3
HKLR	HY/2011/03	2015-03-25	Mid-Ebb	Cloudy	IS5	15:15:01	4.2	Middle	2	1	19.49	7.92	30.76	90.8	6.95	6.2	7.5
HKLR	HY/2011/03	2015-03-25	Mid-Ebb	Cloudy	IS5	15:15:23	4.2	Middle	2	2	19.49	7.92	30.77	90.6	6.94	6.3	7.4
HKLR	HY/2011/03	2015-03-25	Mid-Ebb	Cloudy	IS5	15:14:56	7.4	Bottom	3	1	19.49	7.92	30.76	91	6.97	6	7.8
HKLR	HY/2011/03	2015-03-25	Mid-Ebb	Cloudy	IS5	15:15:19	7.4	Bottom	3	2	19.49	7.92	30.77	90.8	6.95	6.1	6.2
HKLR	HY/2011/03	2015-03-25	Mid-Ebb	Cloudy	IS(Mf)6	15:22:04	1.0	Surface	1	1	19.49	7.9	30.42	93.3	7.16	4	5
HKLR	HY/2011/03	2015-03-25	Mid-Ebb	Cloudy	IS(Mf)6	15:22:18	1.0	Surface	1	2	19.49	7.9	30.42	92.8	7.12	3.9	4.7
HKLR	HY/2011/03	2015-03-25	Mid-Ebb	Cloudy	IS(Mf)6	15:22:11	2.2	Bottom	3	1	19.5	7.9	30.48	93.1	7.13	4.1	4.7
HKLR	HY/2011/03	2015-03-25	Mid-Ebb	Cloudy	IS(Mf)6	15:21:56	2.2	Bottom	3	2	19.5	7.9	30.49	93.8	7.2	4.2	5.4
HKLR	HY/2011/03	2015-03-25	Mid-Ebb	Cloudy	IS7	15:29:44	1.0	Surface	1	1	19.46	7.89	30.23	93	7.14	3.5	6
HKLR	HY/2011/03	2015-03-25	Mid-Ebb	Cloudy	IS7	15:29:29	1.0	Surface	1	2	19.46	7.89	30.23	93.6	7.2	3.4	5.5
HKLR	HY/2011/03	2015-03-25	Mid-Ebb	Cloudy	IS7	15:29:36	2.3	Bottom	3	1	19.46	7.89	30.23	93.4	7.18	3.4	5.6
HKLR	HY/2011/03	2015-03-25	Mid-Ebb	Cloudy	IS7	15:29:22	2.3	Bottom	3	2	19.45	7.9	30.23	94.2	7.24	3.5	6
HKLR	HY/2011/03	2015-03-25	Mid-Ebb	Cloudy	IS8	15:59:31	1.0	Surface	1	1	19.4	7.89	30.19	90.1	6.93	4.9	6.5
HKLR	HY/2011/03	2015-03-25	Mid-Ebb	Cloudy	IS8	15:59:17	1.0	Surface	1	2	19.4	7.89	30.19	90.3	6.95	5.4	7.7
HKLR	HY/2011/03	2015-03-25	Mid-Ebb	Cloudy	IS8	15:59:25	2.7	Bottom	3	1	19.41	7.89	30.2	90.3	6.95	5	7.8
HKLR	HY/2011/03	2015-03-25	Mid-Ebb	Cloudy	IS8	15:59:11	2.7	Bottom	3	2	19.41	7.89	30.2	90.3	6.95	5.3	6.7
HKLR	HY/2011/03	2015-03-25	Mid-Ebb	Cloudy	IS(Mf)9	15:37:31	1.0	Surface	1	1	19.46	7.89	30.22	91.8	7.06	3.4	4.8

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-03-25	Mid-Ebb	Cloudy	IS(Mf)9	15:37:17	1.0	Surface	1	2	19.46	7.89	30.22	91.6	7.04	3.3	4.1
HKLR	HY/2011/03	2015-03-25	Mid-Ebb	Cloudy	IS(Mf)9	15:37:11	2.4	Bottom	3	1	19.46	7.89	30.22	91.8	7.05	3.3	5.9
HKLR	HY/2011/03	2015-03-25	Mid-Ebb	Cloudy	IS(Mf)9	15:37:25	2.4	Bottom	3	2	19.46	7.89	30.22	91.7	7.05	3.4	5.2
HKLR	HY/2011/03	2015-03-25	Mid-Ebb	Cloudy	IS10	16:39:54	1.0	Surface	1	1	20.36	7.63	28.24	95	7.26	9.2	8.9
HKLR	HY/2011/03	2015-03-25	Mid-Ebb	Cloudy	IS10	16:39:15	1.0	Surface	1	2	20.36	7.62	28.52	94.7	7.23	9.2	8.8
HKLR	HY/2011/03	2015-03-25	Mid-Ebb	Cloudy	IS10	16:39:04	5.1	Middle	2	1	20.33	7.63	28.55	94.9	7.33	9.5	8.6
HKLR	HY/2011/03	2015-03-25	Mid-Ebb	Cloudy	IS10	16:39:42	5.1	Middle	2	2	20.33	7.63	29.11	95.3	7.26	9.3	7.5
HKLR	HY/2011/03	2015-03-25	Mid-Ebb	Cloudy	IS10	16:39:33	9.1	Bottom	3	1	20.34	7.62	29.33	95.4	7.25	9.6	8.8
HKLR	HY/2011/03	2015-03-25	Mid-Ebb	Cloudy	IS10	16:38:54	9.1	Bottom	3	2	20.33	7.62	29.27	94.9	7.22	9.7	8.2
HKLR	HY/2011/03	2015-03-25	Mid-Ebb	Cloudy	SR3	15:03:23	0.8	Middle	2	1	19.49	7.95	30.78	93.7	7.17	5.3	8.1
HKLR	HY/2011/03	2015-03-25	Mid-Ebb	Cloudy	SR3	15:03:29	0.8	Middle	2	2	19.49	7.94	30.78	93.3	7.14	5.7	7.6
HKLR	HY/2011/03	2015-03-25	Mid-Ebb	Cloudy	SR4	15:49:29	1.0	Surface	1	1	19.42	7.88	30.23	91.4	7.03	5	6.8
HKLR	HY/2011/03	2015-03-25	Mid-Ebb	Cloudy	SR4	15:49:47	1.0	Surface	1	2	19.42	7.88	30.23	90.8	6.98	4.8	6.2
HKLR	HY/2011/03	2015-03-25	Mid-Ebb	Cloudy	SR4	15:49:20	2.7	Bottom	3	1	19.42	7.88	30.24	91.5	7.04	5	7.3
HKLR	HY/2011/03	2015-03-25	Mid-Ebb	Cloudy	SR4	15:49:38	2.7	Bottom	3	2	19.42	7.88	30.23	90.9	6.99	4.9	6.1
HKLR	HY/2011/03	2015-03-25	Mid-Ebb	Cloudy	SR5	16:28:34	1.0	Surface	1	1	20.34	7.6	28.71	95	7.25	10.2	4.9
HKLR	HY/2011/03	2015-03-25	Mid-Ebb	Cloudy	SR5	16:28:12	1.0	Surface	1	2	20.34	7.6	28.97	95.2	7.25	10.2	4.3
HKLR	HY/2011/03	2015-03-25	Mid-Ebb	Cloudy	SR5	16:28:03	3.9	Bottom	3	1	20.33	7.62	29.17	95	7.23	10.5	5.1
HKLR	HY/2011/03	2015-03-25	Mid-Ebb	Cloudy	SR5	16:28:19	3.9	Bottom	3	2	20.33	7.58	28.76	95	7.34	10.3	5.8
HKLR	HY/2011/03	2015-03-25	Mid-Ebb	Cloudy	SR10A	17:08:23	1.0	Surface	1	1	19.23	7.92	31.84	89.5	6.84	1.1	2.2
HKLR	HY/2011/03	2015-03-25	Mid-Ebb	Cloudy	SR10A	17:07:50	1.0	Surface	1	2	19.22	7.92	31.94	89.1	6.8	1.2	3.1
HKLR	HY/2011/03	2015-03-25	Mid-Ebb	Cloudy	SR10A	17:07:41	3.2	Middle	2	1	19.22	7.91	31.93	89	6.8	0.9	4.2
HKLR	HY/2011/03	2015-03-25	Mid-Ebb	Cloudy	SR10A	17:08:14	3.2	Middle	2	2	19.23	7.92	31.86	89	6.8	0.9	2.9
HKLR	HY/2011/03	2015-03-25	Mid-Ebb	Cloudy	SR10A	17:07:28	5.3	Bottom	3	1	19.22	7.91	31.94	89.5	6.84	0.8	2.9
HKLR	HY/2011/03	2015-03-25	Mid-Ebb	Cloudy	SR10A	17:08:07	5.3	Bottom	3	2	19.23	7.92	31.88	89	6.8	0.9	4
HKLR	HY/2011/03	2015-03-25	Mid-Ebb	Cloudy	SR10B	17:18:46	1.0	Surface	1	1	19.24	7.92	31.78	89.7	6.86	0.6	2.4
HKLR	HY/2011/03	2015-03-25	Mid-Ebb	Cloudy	SR10B	17:19:07	1.0	Surface	1	2	19.24	7.92	31.74	89.3	6.83	0.5	4.1
HKLR	HY/2011/03	2015-03-25	Mid-Ebb	Cloudy	SR10B	17:18:58	4.1	Bottom	3	1	19.25	7.92	31.75	89.5	6.85	1.1	4.2
HKLR	HY/2011/03	2015-03-25	Mid-Ebb	Cloudy	SR10B	17:18:34	4.1	Bottom	3	2	19.25	7.92	31.74	89.4	6.83	1	5.7
HKLR	HY/2011/03	2015-03-25	Mid-Ebb	Cloudy	CS2	15:12:35	1.0	Surface	1	1	20.33	7.73	27.74	93.8	7.2	9.4	6.6
HKLR	HY/2011/03	2015-03-25	Mid-Ebb	Cloudy	CS2	15:11:55	1.0	Surface	1	2	20.32	7.64	27.18	92.5	7.12	9.8	6.4
HKLR	HY/2011/03	2015-03-25	Mid-Ebb	Cloudy	CS2	15:12:23	4.0	Middle	2	1	20.3	7.71	28	93.4	7.16	9.7	6.3
HKLR	HY/2011/03	2015-03-25	Mid-Ebb	Cloudy	CS2	15:11:46	4.0	Middle	2	2	20.27	7.62	27.55	91.5	7.04	9.9	6.7
HKLR	HY/2011/03	2015-03-25	Mid-Ebb	Cloudy	CS2	15:12:07	7.0	Bottom	3	1	20.29	7.66	28.14	92.3	7.07	9.6	5.6
HKLR	HY/2011/03	2015-03-25	Mid-Ebb	Cloudy	CS2	15:11:29	7.0	Bottom	3	2	20.25	7.54	27.55	88.2	6.79	9.8	5.8
HKLR	HY/2011/03	2015-03-25	Mid-Ebb	Cloudy	CS(Mf)5	16:39:59	1.0	Surface	1	1	19.5	7.9	30.43	89.9	6.9	2.2	6.3
HKLR	HY/2011/03	2015-03-25	Mid-Ebb	Cloudy	CS(Mf)5	16:39:28	1.0	Surface	1	2	19.49	7.9	30.41	90.6	6.95	2	7.1
HKLR	HY/2011/03	2015-03-25	Mid-Ebb	Cloudy	CS(Mf)5	16:39:50	6.7	Middle	2	1	19.39	7.89	31.05	89.8	6.88	1.7	7.9
HKLR	HY/2011/03	2015-03-25	Mid-Ebb	Cloudy	CS(Mf)5	16:39:19	6.7	Middle	2	2	19.4	7.9	30.98	90.1	6.9	1.8	7.5
HKLR	HY/2011/03	2015-03-25	Mid-Ebb	Cloudy	CS(Mf)5	16:39:09	12.4	Bottom	3	1	19.41	7.89	30.99	90.2	6.91	2	8.6
HKLR	HY/2011/03	2015-03-25	Mid-Ebb	Cloudy	CS(Mf)5	16:39:42	12.4	Bottom	3	2	19.41	7.89	31.02	90	6.89	2	7.5
HKLR	HY/2011/03	2015-03-25	Mid-Flood	Cloudy	IS5	10:49:54	1.0	Surface	1	1	19.5	7.88	30.51	90.7	6.95	6.3	6.8
HKLR	HY/2011/03	2015-03-25	Mid-Flood	Cloudy	IS5	10:49:20	1.0	Surface	1	2	19.5	7.88	30.52	90.6	6.94	6.7	6.9
HKLR	HY/2011/03	2015-03-25	Mid-Flood	Cloudy	IS5	10:49:42	4.2	Middle	2	1	19.51	7.88	30.55	90.9	6.96	6.5	7.8
HKLR	HY/2011/03	2015-03-25	Mid-Flood	Cloudy	IS5	10:49:03	4.2	Middle	2	2	19.53	7.88	30.57	91.1	6.97	7	8.9
HKLR	HY/2011/03	2015-03-25	Mid-Flood	Cloudy	IS5	10:49:35	7.3	Bottom	3	1	19.51	7.88	30.55	90.8	6.96	7	8.7
HKLR	HY/2011/03	2015-03-25	Mid-Flood	Cloudy	IS5	10:48:53	7.3	Bottom	3	2	19.53	7.88	30.57	91.1	6.98	6.4	7.3
HKLR	HY/2011/03	2015-03-25	Mid-Flood	Cloudy	IS(Mf)6	10:41:56	1.0	Surface	1	1	19.6	7.89	30.63	91.9	7.03	8.6	8.2
HKLR	HY/2011/03	2015-03-25	Mid-Flood	Cloudy	IS(Mf)6	10:41:42	1.0	Surface	1	2	19.6	7.89	30.63	92.2	7.05	7.8	7
HKLR	HY/2011/03	2015-03-25	Mid-Flood	Cloudy	IS(Mf)6	10:41:48	2.2	Bottom	3	1	19.6	7.89	30.64	92.1	7.04	7.6	8.4
HKLR	HY/2011/03	2015-03-25	Mid-Flood	Cloudy	IS(Mf)6	10:41:32	2.2	Bottom	3	2	19.6	7.89	30.64	92.6	7.08	7	7.3
HKLR	HY/2011/03	2015-03-25	Mid-Flood	Cloudy	IS7	10:31:36	1.0	Surface	1	1	19.47	7.88	30.28	90.8	6.97	4.7	7.1
HKLR	HY/2011/03	2015-03-25	Mid-Flood	Cloudy	IS7	10:31:19	1.0	Surface	1	2	19.47	7.88	30.28	90.8	6.98	4.8	6.7

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	2015-03-25	Mid-Flood	Cloudy	IS7	10:31:12	2.2	Bottom	3	1	19.47	7.88	30.28	90.8	6.97	4.9	6.7
HKLR	HY/2011/03	2015-03-25	Mid-Flood	Cloudy	IS7	10:31:23	2.2	Bottom	3	2	19.47	7.88	30.29	90.7	6.97	4.9	6.5
HKLR	HY/2011/03	2015-03-25	Mid-Flood	Cloudy	IS8	10:03:46	1.0	Surface	1	1	19.52	7.88	30.45	90.9	6.96	9.8	10.2
HKLR	HY/2011/03	2015-03-25	Mid-Flood	Cloudy	IS8	10:04:03	1.0	Surface	1	2	19.53	7.88	30.45	90.5	6.94	9.2	10.2
HKLR	HY/2011/03	2015-03-25	Mid-Flood	Cloudy	IS8	10:03:38	2.6	Bottom	3	1	19.52	7.88	30.47	91.5	7.01	10.5	11.2
HKLR	HY/2011/03	2015-03-25	Mid-Flood	Cloudy	IS8	10:03:53	2.6	Bottom	3	2	19.52	7.88	30.47	90.9	6.97	9.8	10.2
HKLR	HY/2011/03	2015-03-25	Mid-Flood	Cloudy	IS(Mf)9	10:24:05	1.0	Surface	1	1	19.47	7.88	30.28	91.8	7.05	5.2	7.8
HKLR	HY/2011/03	2015-03-25	Mid-Flood	Cloudy	IS(Mf)9	10:24:19	1.0	Surface	1	2	19.47	7.88	30.28	91.4	7.02	5.2	6.3
HKLR	HY/2011/03	2015-03-25	Mid-Flood	Cloudy	IS(Mf)9	10:23:59	2.4	Bottom	3	1	19.47	7.88	30.29	92	7.07	5.3	6.8
HKLR	HY/2011/03	2015-03-25	Mid-Flood	Cloudy	IS(Mf)9	10:24:13	2.4	Bottom	3	2	19.47	7.88	30.29	91.5	7.03	5.3	6.9
HKLR	HY/2011/03	2015-03-25	Mid-Flood	Cloudy	IS10	10:23:34	1.0	Surface	1	1	20.55	7.53	28.61	95.2	7.24	14.2	9.2
HKLR	HY/2011/03	2015-03-25	Mid-Flood	Cloudy	IS10	10:24:05	1.0	Surface	1	2	20.54	7.55	28.56	94.8	7.21	14.2	8.5
HKLR	HY/2011/03	2015-03-25	Mid-Flood	Cloudy	IS10	10:23:21	5.6	Middle	2	1	20.52	7.53	28.66	95.2	7.24	15	8.1
HKLR	HY/2011/03	2015-03-25	Mid-Flood	Cloudy	IS10	10:23:57	5.6	Middle	2	2	20.53	7.55	28.64	95.1	7.23	14.6	9.5
HKLR	HY/2011/03	2015-03-25	Mid-Flood	Cloudy	IS10	10:23:46	10.1	Bottom	3	1	20.53	7.53	29.12	94.8	7.19	14.8	8.9
HKLR	HY/2011/03	2015-03-25	Mid-Flood	Cloudy	IS10	10:23:12	10.1	Bottom	3	2	20.52	7.51	27.39	95.2	7.3	14.9	9.2
HKLR	HY/2011/03	2015-03-25	Mid-Flood	Cloudy	SR3	11:00:40	0.7	Middle	2	1	19.48	7.89	30.5	91.1	6.98	5.8	8
HKLR	HY/2011/03	2015-03-25	Mid-Flood	Cloudy	SR3	11:00:46	0.7	Middle	2	2	19.48	7.89	30.5	91	6.98	5.7	8.8
HKLR	HY/2011/03	2015-03-25	Mid-Flood	Cloudy	SR4	10:14:10	1.0	Surface	1	1	19.52	7.88	30.46	89.7	6.88	8.9	12.3
HKLR	HY/2011/03	2015-03-25	Mid-Flood	Cloudy	SR4	10:13:57	1.0	Surface	1	2	19.52	7.88	30.46	89.8	6.89	8.7	11.2
HKLR	HY/2011/03	2015-03-25	Mid-Flood	Cloudy	SR4	10:14:03	2.5	Bottom	3	1	19.52	7.88	30.47	89.8	6.88	8.8	12.3
HKLR	HY/2011/03	2015-03-25	Mid-Flood	Cloudy	SR4	10:13:51	2.5	Bottom	3	2	19.52	7.88	30.47	89.9	6.89	8.7	12.9
HKLR	HY/2011/03	2015-03-25	Mid-Flood	Cloudy	SR5	10:28:05	1.0	Surface	1	1	20.54	7.6	28.58	94.6	7.2	11.9	9
HKLR	HY/2011/03	2015-03-25	Mid-Flood	Cloudy	SR5	10:28:22	1.0	Surface	1	2	20.54	7.59	28.58	94.7	7.2	11.4	8.6
HKLR	HY/2011/03	2015-03-25	Mid-Flood	Cloudy	SR5	10:27:59	4.5	Bottom	3	1	20.54	7.59	28.51	94.8	7.32	12.1	9.3
HKLR	HY/2011/03	2015-03-25	Mid-Flood	Cloudy	SR5	10:28:14	4.5	Bottom	3	2	20.54	7.59	28.79	94.7	7.19	11.9	8.1
HKLR	HY/2011/03	2015-03-25	Mid-Flood	Cloudy	SR10A	08:54:11	1.0	Surface	1	1	19.31	7.9	31.54	88.3	6.75	1.7	5.2
HKLR	HY/2011/03	2015-03-25	Mid-Flood	Cloudy	SR10A	08:54:35	1.0	Surface	1	2	19.31	7.9	31.48	88.1	6.74	1.6	4.4
HKLR	HY/2011/03	2015-03-25	Mid-Flood	Cloudy	SR10A	08:54:03	3.3	Middle	2	1	19.28	7.9	31.71	88.2	6.74	2	4.1
HKLR	HY/2011/03	2015-03-25	Mid-Flood	Cloudy	SR10A	08:54:27	3.3	Middle	2	2	19.29	7.9	31.65	88.2	6.74	2	4.2
HKLR	HY/2011/03	2015-03-25	Mid-Flood	Cloudy	SR10A	08:53:54	5.6	Bottom	3	1	19.29	7.9	31.67	88.2	6.74	2.1	3.9
HKLR	HY/2011/03	2015-03-25	Mid-Flood	Cloudy	SR10A	08:54:23	5.6	Bottom	3	2	19.29	7.9	31.65	88.3	6.75	2	4
HKLR	HY/2011/03	2015-03-25	Mid-Flood	Cloudy	SR10B	08:42:09	1.0	Surface	1	1	19.27	7.9	31.7	89.2	6.82	1.7	4.1
HKLR	HY/2011/03	2015-03-25	Mid-Flood	Cloudy	SR10B	08:42:30	1.0	Surface	1	2	19.27	7.9	31.72	88.7	6.78	1.6	4.6
HKLR	HY/2011/03	2015-03-25	Mid-Flood	Cloudy	SR10B	08:42:00	4.2	Bottom	3	1	19.27	7.9	31.71	89.3	6.83	1.7	4.5
HKLR	HY/2011/03	2015-03-25	Mid-Flood	Cloudy	SR10B	08:42:19	4.2	Bottom	3	2	19.27	7.9	31.73	88.9	6.8	1.6	4.1
HKLR	HY/2011/03	2015-03-25	Mid-Flood	Cloudy	CS2	11:29:36	1.0	Surface	1	1	20.53	7.65	28.56	95.7	7.28	6.1	5.5
HKLR	HY/2011/03	2015-03-25	Mid-Flood	Cloudy	CS2	11:29:07	1.0	Surface	1	2	20.53	7.65	28.67	95.9	7.29	6.4	4.8
HKLR	HY/2011/03	2015-03-25	Mid-Flood	Cloudy	CS2	11:29:26	4.0	Middle	2	1	20.52	7.65	28.57	95.7	7.28	6.7	6.9
HKLR	HY/2011/03	2015-03-25	Mid-Flood	Cloudy	CS2	11:28:57	4.0	Middle	2	2	20.52	7.65	28.76	95.9	7.29	6.9	5.9
HKLR	HY/2011/03	2015-03-25	Mid-Flood	Cloudy	CS2	11:29:17	6.9	Bottom	3	1	20.52	7.64	28.71	95.4	7.25	6.7	8.4
HKLR	HY/2011/03	2015-03-25	Mid-Flood	Cloudy	CS2	11:28:47	6.9	Bottom	3	2	20.53	7.64	28.83	95.5	7.25	6.7	7.3
HKLR	HY/2011/03	2015-03-25	Mid-Flood	Cloudy	CS(Mf)5	09:23:27	1.0	Surface	1	1	19.4	7.89	30.59	89.1	6.84	1.8	3.9
HKLR	HY/2011/03	2015-03-25	Mid-Flood	Cloudy	CS(Mf)5	09:22:56	1.0	Surface	1	2	19.4	7.89	30.54	89.5	6.87	1.7	3.5
HKLR	HY/2011/03	2015-03-25	Mid-Flood	Cloudy	CS(Mf)5	09:23:15	6.9	Middle	2	1	19.42	7.89	31.26	89	6.8	1.4	4.4
HKLR	HY/2011/03	2015-03-25	Mid-Flood	Cloudy	CS(Mf)5	09:22:40	6.9	Middle	2	2	19.43	7.89	31.15	89.2	6.82	1.4	4
HKLR	HY/2011/03	2015-03-25	Mid-Flood	Cloudy	CS(Mf)5	09:23:08	12.7	Bottom	3	1	19.42	7.89	31.18	89.3	6.83	1.3	4.4
HKLR	HY/2011/03	2015-03-25	Mid-Flood	Cloudy	CS(Mf)5	09:22:33	12.7	Bottom	3	2	19.42	7.89	31.22	89.4	6.84	1.2	4.1
HKLR	HY/2011/03	2015-03-27	Mid-Ebb	Cloudy	IS5	17:31:34	1.0	Surface	1	1	19.38	7.84	30.76	89.3	6.85	4.9	9
HKLR	HY/2011/03	2015-03-27	Mid-Ebb	Cloudy	IS5	17:31:59	1.0	Surface	1	2	19.38	7.84	30.77	89.1	6.84	4.9	9.9
HKLR	HY/2011/03	2015-03-27	Mid-Ebb	Cloudy	IS5	17:31:51	4.4	Middle	2	1	19.36	7.84	30.78	89.2	6.84	4.8	10.3
HKLR	HY/2011/03	2015-03-27	Mid-Ebb	Cloudy	IS5	17:31:27	4.4	Middle	2	2	19.36	7.84	30.78	89.4	6.86	4.8	10.5
HKLR	HY/2011/03	2015-03-27	Mid-Ebb	Cloudy	IS5	17:31:42	7.8	Bottom	3	1	19.37	7.84	30.77	89.5	6.87	4.9	10.7

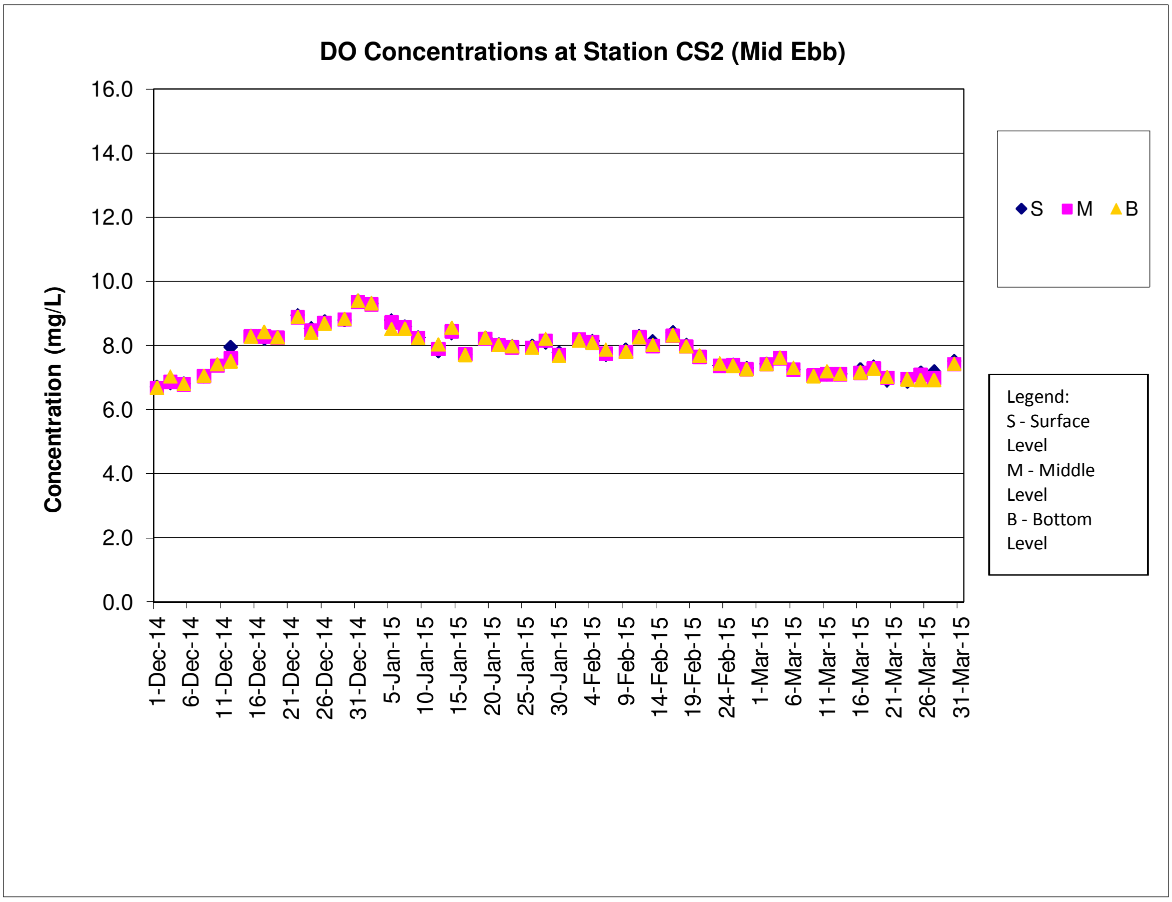
Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-03-27	Mid-Ebb	Cloudy	IS5	17:31:20	7.8	Bottom	3	2	19.37	7.84	30.77	89.7	6.88	4.8	9.8
HKLR	HY/2011/03	2015-03-27	Mid-Ebb	Cloudy	IS(Mf)6	17:38:07	1.0	Surface	1	1	19.47	7.81	30.43	90	6.91	3.2	7.4
HKLR	HY/2011/03	2015-03-27	Mid-Ebb	Cloudy	IS(Mf)6	17:37:51	1.0	Surface	1	2	19.5	7.79	30.38	90.1	6.91	3.2	6.7
HKLR	HY/2011/03	2015-03-27	Mid-Ebb	Cloudy	IS(Mf)6	17:37:59	2.1	Bottom	3	1	19.43	7.8	30.57	89.8	6.89	3.3	7.6
HKLR	HY/2011/03	2015-03-27	Mid-Ebb	Cloudy	IS(Mf)6	17:37:42	2.1	Bottom	3	2	19.43	7.78	30.51	90.2	6.92	3.3	7.2
HKLR	HY/2011/03	2015-03-27	Mid-Ebb	Cloudy	IS7	17:45:12	1.0	Surface	1	1	19.68	7.85	30.09	93.4	7.15	4.5	4
HKLR	HY/2011/03	2015-03-27	Mid-Ebb	Cloudy	IS7	17:44:53	1.0	Surface	1	2	19.58	7.83	30.12	93.2	7.15	4.3	4.6
HKLR	HY/2011/03	2015-03-27	Mid-Ebb	Cloudy	IS7	17:44:45	2.3	Bottom	3	1	19.58	7.83	30.11	92.9	7.13	4.4	4.5
HKLR	HY/2011/03	2015-03-27	Mid-Ebb	Cloudy	IS7	17:45:01	2.3	Bottom	3	2	19.48	7.84	30.17	93.1	7.15	4.4	4.6
HKLR	HY/2011/03	2015-03-27	Mid-Ebb	Cloudy	IS8	18:08:21	1.0	Surface	1	1	19.62	7.85	30.24	91.9	7.04	10.5	12.8
HKLR	HY/2011/03	2015-03-27	Mid-Ebb	Cloudy	IS8	18:08:33	1.0	Surface	1	2	19.61	7.85	30.25	92	7.05	10.4	13.1
HKLR	HY/2011/03	2015-03-27	Mid-Ebb	Cloudy	IS8	18:08:11	3.0	Bottom	3	1	19.62	7.85	30.24	91.8	7.03	10.6	14.9
HKLR	HY/2011/03	2015-03-27	Mid-Ebb	Cloudy	IS8	18:08:26	3.0	Bottom	3	2	19.61	7.85	30.24	92	7.05	10.6	16.3
HKLR	HY/2011/03	2015-03-27	Mid-Ebb	Cloudy	IS(Mf)9	17:52:16	1.0	Surface	1	1	19.47	7.84	30.25	91.7	7.05	7.8	7.3
HKLR	HY/2011/03	2015-03-27	Mid-Ebb	Cloudy	IS(Mf)9	17:52:06	1.0	Surface	1	2	19.48	7.83	30.24	91.7	7.05	7.6	6.9
HKLR	HY/2011/03	2015-03-27	Mid-Ebb	Cloudy	IS(Mf)9	17:51:57	2.8	Bottom	3	1	19.47	7.83	30.26	91.8	7.05	7.7	6.5
HKLR	HY/2011/03	2015-03-27	Mid-Ebb	Cloudy	IS(Mf)9	17:52:11	2.8	Bottom	3	2	19.47	7.84	30.27	91.7	7.04	7.7	5.8
HKLR	HY/2011/03	2015-03-27	Mid-Ebb	Cloudy	IS10	18:22:55	1.0	Surface	1	1	20.89	8.08	29.87	90.1	6.76	2	3.6
HKLR	HY/2011/03	2015-03-27	Mid-Ebb	Cloudy	IS10	18:23:43	1.0	Surface	1	2	20.89	8.07	29.9	89.9	6.74	1.9	2.8
HKLR	HY/2011/03	2015-03-27	Mid-Ebb	Cloudy	IS10	18:22:38	5.3	Middle	2	1	20.45	8.11	31.56	89	6.66	3.8	4.3
HKLR	HY/2011/03	2015-03-27	Mid-Ebb	Cloudy	IS10	18:23:30	5.3	Middle	2	2	20.51	8.09	28.36	89.3	6.81	3.6	3.1
HKLR	HY/2011/03	2015-03-27	Mid-Ebb	Cloudy	IS10	18:23:16	9.6	Bottom	3	1	20.36	8.06	32.06	91	6.8	3.4	2.6
HKLR	HY/2011/03	2015-03-27	Mid-Ebb	Cloudy	IS10	18:22:29	9.6	Bottom	3	2	20.35	8.09	31.99	89.6	6.7	3.3	3.9
HKLR	HY/2011/03	2015-03-27	Mid-Ebb	Cloudy	SR3	17:20:52	0.9	Middle	2	1	19.39	7.72	30.78	90.3	6.92	4	7.4
HKLR	HY/2011/03	2015-03-27	Mid-Ebb	Cloudy	SR3	17:20:58	0.9	Middle	2	2	19.4	7.74	30.76	90.3	6.92	3.9	7.2
HKLR	HY/2011/03	2015-03-27	Mid-Ebb	Cloudy	SR4	18:04:22	1.0	Surface	1	1	19.6	7.83	30.25	92.4	7.09	11.1	8
HKLR	HY/2011/03	2015-03-27	Mid-Ebb	Cloudy	SR4	18:04:07	1.0	Surface	1	2	19.61	7.83	30.23	92.6	7.09	11.1	7.4
HKLR	HY/2011/03	2015-03-27	Mid-Ebb	Cloudy	SR4	18:04:00	2.7	Bottom	3	1	19.59	7.82	30.25	92.5	7.09	11.2	5.7
HKLR	HY/2011/03	2015-03-27	Mid-Ebb	Cloudy	SR4	18:04:11	2.7	Bottom	3	2	19.59	7.83	30.25	92.5	7.09	11.5	5.6
HKLR	HY/2011/03	2015-03-27	Mid-Ebb	Cloudy	SR5	18:15:03	1.0	Surface	1	1	20.87	8.04	29.94	94.9	7.12	1.8	4.1
HKLR	HY/2011/03	2015-03-27	Mid-Ebb	Cloudy	SR5	18:15:38	1.0	Surface	1	2	20.82	8.05	26.85	93.9	7.18	1.6	3.7
HKLR	HY/2011/03	2015-03-27	Mid-Ebb	Cloudy	SR5	18:14:44	4.3	Bottom	3	1	20.58	8.01	31.41	96.3	7.2	2.3	4.3
HKLR	HY/2011/03	2015-03-27	Mid-Ebb	Cloudy	SR5	18:15:22	4.3	Bottom	3	2	20.55	8.04	31.4	94.7	7.09	2.2	5.6
HKLR	HY/2011/03	2015-03-27	Mid-Ebb	Cloudy	SR10A	19:22:52	1.0	Surface	1	1	19.59	7.85	30.93	92.6	7.07	1.5	4.3
HKLR	HY/2011/03	2015-03-27	Mid-Ebb	Cloudy	SR10A	19:23:18	1.0	Surface	1	2	19.58	7.86	30.95	91.7	7	1.5	4.2
HKLR	HY/2011/03	2015-03-27	Mid-Ebb	Cloudy	SR10A	19:22:37	3.2	Middle	2	1	19.51	7.84	31.27	91.5	6.98	1.6	5
HKLR	HY/2011/03	2015-03-27	Mid-Ebb	Cloudy	SR10A	19:23:06	3.2	Middle	2	2	19.48	7.85	31.35	91.7	7	1.5	4.3
HKLR	HY/2011/03	2015-03-27	Mid-Ebb	Cloudy	SR10A	19:22:23	5.4	Bottom	3	1	19.56	7.83	31.07	91.8	7.01	1.5	6.3
HKLR	HY/2011/03	2015-03-27	Mid-Ebb	Cloudy	SR10A	19:23:00	5.4	Bottom	3	2	19.52	7.85	31.31	92.4	7.05	1.5	6.1
HKLR	HY/2011/03	2015-03-27	Mid-Ebb	Cloudy	SR10B	19:31:49	1.0	Surface	1	1	19.57	7.87	31.08	91.6	6.99	1.4	4.2
HKLR	HY/2011/03	2015-03-27	Mid-Ebb	Cloudy	SR10B	19:31:36	1.0	Surface	1	2	19.63	7.87	30.93	92.3	7.04	1.4	3.6
HKLR	HY/2011/03	2015-03-27	Mid-Ebb	Cloudy	SR10B	19:31:21	4.0	Bottom	3	1	19.53	7.86	31.23	91.9	7.01	1.4	4.2
HKLR	HY/2011/03	2015-03-27	Mid-Ebb	Cloudy	SR10B	19:31:42	4.0	Bottom	3	2	19.58	7.86	31.12	91.8	7	1.3	3.3
HKLR	HY/2011/03	2015-03-27	Mid-Ebb	Cloudy	CS2	17:03:52	1.0	Surface	1	1	20.85	7.84	26.53	94.8	7.25	1.7	4
HKLR	HY/2011/03	2015-03-27	Mid-Ebb	Cloudy	CS2	17:04:40	1.0	Surface	1	2	20.88	7.9	30.11	95.4	7.15	1.8	3.5
HKLR	HY/2011/03	2015-03-27	Mid-Ebb	Cloudy	CS2	17:03:33	3.7	Middle	2	1	20.4	7.83	31.46	92.4	6.93	3.2	3.5
HKLR	HY/2011/03	2015-03-27	Mid-Ebb	Cloudy	CS2	17:04:25	3.7	Middle	2	2	20.52	7.9	31.48	94.4	7.06	3	3.7
HKLR	HY/2011/03	2015-03-27	Mid-Ebb	Cloudy	CS2	17:03:18	6.4	Bottom	3	1	20.37	7.82	31.9	89.6	6.7	3.4	5.2
HKLR	HY/2011/03	2015-03-27	Mid-Ebb	Cloudy	CS2	17:04:06	6.4	Bottom	3	2	20.44	7.86	32.25	96	7.16	3.3	4.7
HKLR	HY/2011/03	2015-03-27	Mid-Ebb	Cloudy	CS(Mf)5	18:48:01	1.0	Surface	1	1	19.39	7.86	30.7	86.5	6.64	2.4	3.4
HKLR	HY/2011/03	2015-03-27	Mid-Ebb	Cloudy	CS(Mf)5	18:47:21	1.0	Surface	1	2	19.51	7.84	30.58	87.6	6.71	2.3	3
HKLR	HY/2011/03	2015-03-27	Mid-Ebb	Cloudy	CS(Mf)5	18:47:53	6.0	Middle	2	1	19.12	7.86	32.41	86	6.56	2.4	4
HKLR	HY/2011/03	2015-03-27	Mid-Ebb	Cloudy	CS(Mf)5	18:47:09	6.0	Middle	2	2	19.09	7.84	32.57	86.5	6.6	2.4	4.1

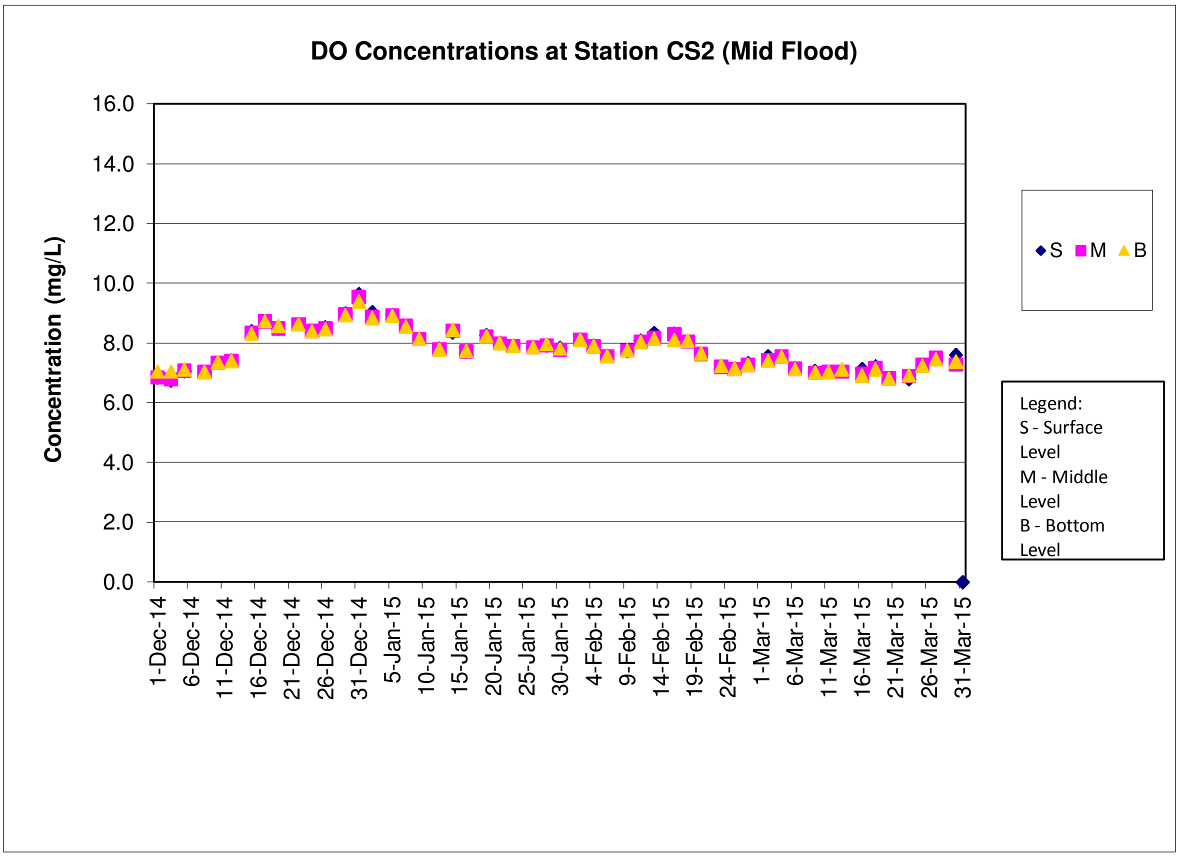
Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-03-27	Mid-Ebb	Cloudy	CS(Mf)5	18:47:02	10.9	Bottom	3	1	19.15	7.82	32.77	87.5	6.66	2.4	5.4
HKLR	HY/2011/03	2015-03-27	Mid-Ebb	Cloudy	CS(Mf)5	18:47:39	10.9	Bottom	3	2	19.07	7.85	32.86	87	6.63	2.4	6.5
HKLR	HY/2011/03	2015-03-27	Mid-Flood	Sunny	IS5	11:18:25	1.0	Surface	1	1	19.24	7.85	30.53	88.3	6.8	3	5.7
HKLR	HY/2011/03	2015-03-27	Mid-Flood	Sunny	IS5	11:17:52	1.0	Surface	1	2	19.24	7.83	30.53	88.6	6.83	2.9	6
HKLR	HY/2011/03	2015-03-27	Mid-Flood	Sunny	IS5	11:17:41	4.4	Middle	2	1	19.23	7.82	30.75	88.7	6.83	2.9	6.2
HKLR	HY/2011/03	2015-03-27	Mid-Flood	Sunny	IS5	11:18:15	4.4	Middle	2	2	19.24	7.85	30.65	88.2	6.79	3.1	6.5
HKLR	HY/2011/03	2015-03-27	Mid-Flood	Sunny	IS5	11:18:05	7.7	Bottom	3	1	19.24	7.84	30.79	88.6	6.81	3.1	7.7
HKLR	HY/2011/03	2015-03-27	Mid-Flood	Sunny	IS5	11:17:35	7.7	Bottom	3	2	19.24	7.81	30.79	89.2	6.86	3.1	8.4
HKLR	HY/2011/03	2015-03-27	Mid-Flood	Sunny	IS(Mf)6	12:00:32	1.0	Surface	1	1	19.28	7.84	30.26	89.5	6.9	1.9	5.4
HKLR	HY/2011/03	2015-03-27	Mid-Flood	Sunny	IS(Mf)6	12:00:16	1.0	Surface	1	2	19.28	7.83	30.33	89.7	6.91	1.8	6.2
HKLR	HY/2011/03	2015-03-27	Mid-Flood	Sunny	IS(Mf)6	12:00:05	2.6	Bottom	3	1	19.26	7.82	30.49	90.2	6.94	1.8	5.5
HKLR	HY/2011/03	2015-03-27	Mid-Flood	Sunny	IS(Mf)6	12:00:22	2.6	Bottom	3	2	19.27	7.83	30.43	89.6	6.9	1.8	6.1
HKLR	HY/2011/03	2015-03-27	Mid-Flood	Sunny	IS7	11:52:00	1.0	Surface	1	1	19.26	7.85	30.12	89.3	6.89	2.4	4
HKLR	HY/2011/03	2015-03-27	Mid-Flood	Sunny	IS7	11:51:41	1.0	Surface	1	2	19.28	7.84	30.12	89.6	6.92	2.6	3.3
HKLR	HY/2011/03	2015-03-27	Mid-Flood	Sunny	IS7	11:51:50	2.5	Bottom	3	1	19.24	7.84	30.33	89.5	6.9	2.5	5.8
HKLR	HY/2011/03	2015-03-27	Mid-Flood	Sunny	IS7	11:51:33	2.5	Bottom	3	2	19.24	7.83	30.36	89.9	6.93	2.5	4.1
HKLR	HY/2011/03	2015-03-27	Mid-Flood	Sunny	IS8	10:59:44	1.0	Surface	1	1	19.45	7.77	30.31	88.6	6.81	6.7	6.8
HKLR	HY/2011/03	2015-03-27	Mid-Flood	Sunny	IS8	11:00:00	1.0	Surface	1	2	19.46	7.8	30.3	88.3	6.79	6.6	6.7
HKLR	HY/2011/03	2015-03-27	Mid-Flood	Sunny	IS8	10:59:51	3.1	Bottom	3	1	19.45	7.78	30.3	88.5	6.8	6.8	8.4
HKLR	HY/2011/03	2015-03-27	Mid-Flood	Sunny	IS8	10:59:38	3.1	Bottom	3	2	19.45	7.75	30.31	89	6.84	6.6	8.8
HKLR	HY/2011/03	2015-03-27	Mid-Flood	Sunny	IS(Mf)9	11:43:22	1.0	Surface	1	1	19.33	7.81	30.4	90.4	6.95	5.3	3.4
HKLR	HY/2011/03	2015-03-27	Mid-Flood	Sunny	IS(Mf)9	11:43:05	1.0	Surface	1	2	19.33	7.79	30.39	90.5	6.97	5.4	4.3
HKLR	HY/2011/03	2015-03-27	Mid-Flood	Sunny	IS(Mf)9	11:42:54	3.1	Bottom	3	1	19.32	7.78	30.47	90.6	6.97	5.5	7
HKLR	HY/2011/03	2015-03-27	Mid-Flood	Sunny	IS(Mf)9	11:43:14	3.1	Bottom	3	2	19.33	7.81	30.42	90.2	6.94	5.6	7.9
HKLR	HY/2011/03	2015-03-27	Mid-Flood	Sunny	IS10	11:10:42	1.0	Surface	1	1	20.58	7.9	26.42	97.3	7.49	3	4.3
HKLR	HY/2011/03	2015-03-27	Mid-Flood	Sunny	IS10	11:11:28	1.0	Surface	1	2	20.57	7.93	26.44	96.9	7.46	2.9	4.1
HKLR	HY/2011/03	2015-03-27	Mid-Flood	Sunny	IS10	11:10:23	5.2	Middle	2	1	20.39	7.88	27.37	96.5	7.41	6.3	3.2
HKLR	HY/2011/03	2015-03-27	Mid-Flood	Sunny	IS10	11:11:14	5.2	Middle	2	2	20.35	7.92	27.58	96.6	7.42	6.5	3.9
HKLR	HY/2011/03	2015-03-27	Mid-Flood	Sunny	IS10	11:10:16	9.3	Bottom	3	1	20.37	7.86	27.7	96.6	7.41	7	3.3
HKLR	HY/2011/03	2015-03-27	Mid-Flood	Sunny	IS10	11:11:07	9.3	Bottom	3	2	20.3	7.9	28	97.4	7.46	6.8	3.5
HKLR	HY/2011/03	2015-03-27	Mid-Flood	Sunny	SR3	11:23:11	0.6	Middle	2	1	19.25	7.86	30.47	89.1	6.86	2.7	5.6
HKLR	HY/2011/03	2015-03-27	Mid-Flood	Sunny	SR3	11:23:04	0.6	Middle	2	2	19.25	7.86	30.48	89.1	6.87	2.7	6.8
HKLR	HY/2011/03	2015-03-27	Mid-Flood	Sunny	SR4	11:05:07	1.0	Surface	1	1	19.46	7.85	30.3	87.6	6.73	8.2	5.6
HKLR	HY/2011/03	2015-03-27	Mid-Flood	Sunny	SR4	11:05:25	1.0	Surface	1	2	19.45	7.86	30.31	87.5	6.73	8.3	5.9
HKLR	HY/2011/03	2015-03-27	Mid-Flood	Sunny	SR4	11:05:18	2.8	Bottom	3	1	19.45	7.86	30.33	87.5	6.72	8.1	5.4
HKLR	HY/2011/03	2015-03-27	Mid-Flood	Sunny	SR4	11:04:59	2.8	Bottom	3	2	19.45	7.85	30.32	87.4	6.72	8.2	6.4
HKLR	HY/2011/03	2015-03-27	Mid-Flood	Sunny	SR5	11:21:30	1.0	Surface	1	1	20.58	7.95	26.4	98.2	7.56	1.6	4.1
HKLR	HY/2011/03	2015-03-27	Mid-Flood	Sunny	SR5	11:21:05	1.0	Surface	1	2	20.59	7.95	26.4	97.9	7.54	1.6	4.1
HKLR	HY/2011/03	2015-03-27	Mid-Flood	Sunny	SR5	11:20:52	4.0	Bottom	3	1	20.51	7.94	27.2	98.1	7.53	2.2	2.7
HKLR	HY/2011/03	2015-03-27	Mid-Flood	Sunny	SR5	11:21:19	4.0	Bottom	3	2	20.52	7.94	27.26	98.5	7.55	2.3	2.8
HKLR	HY/2011/03	2015-03-27	Mid-Flood	Sunny	SR10A	09:52:03	1.0	Surface	1	1	19.24	7.91	31.7	87.1	6.66	2.2	4.1
HKLR	HY/2011/03	2015-03-27	Mid-Flood	Sunny	SR10A	09:52:31	1.0	Surface	1	2	19.25	7.91	31.69	87.2	6.67	2.2	2
HKLR	HY/2011/03	2015-03-27	Mid-Flood	Sunny	SR10A	09:52:24	3.3	Middle	2	1	19.2	7.91	31.85	87.2	6.67	2.3	3.6
HKLR	HY/2011/03	2015-03-27	Mid-Flood	Sunny	SR10A	09:51:57	3.3	Middle	2	2	19.2	7.91	31.85	87.4	6.69	2.3	3.6
HKLR	HY/2011/03	2015-03-27	Mid-Flood	Sunny	SR10A	09:51:49	5.5	Bottom	3	1	19.19	7.91	32.03	87.4	6.68	2.3	3.7
HKLR	HY/2011/03	2015-03-27	Mid-Flood	Sunny	SR10A	09:52:15	5.5	Bottom	3	2	19.17	7.91	32.12	87.2	6.66	2.2	2.4
HKLR	HY/2011/03	2015-03-27	Mid-Flood	Sunny	SR10B	09:44:14	1.0	Surface	1	1	19.2	7.87	31.75	88.3	6.76	2.2	3.8
HKLR	HY/2011/03	2015-03-27	Mid-Flood	Sunny	SR10B	09:44:27	1.0	Surface	1	2	19.19	7.88	31.82	87.9	6.73	2.1	3.6
HKLR	HY/2011/03	2015-03-27	Mid-Flood	Sunny	SR10B	09:44:06	4.2	Bottom	3	1	19.18	7.87	31.89	88.7	6.78	2.1	3.1
HKLR	HY/2011/03	2015-03-27	Mid-Flood	Sunny	SR10B	09:44:21	4.2	Bottom	3	2	19.19	7.88	31.93	88.2	6.74	2.2	2.6
HKLR	HY/2011/03	2015-03-27	Mid-Flood	Sunny	CS2	12:35:39	1.0	Surface	1	1	20.61	8.04	26.69	97.5	7.49	4.1	2.5
HKLR	HY/2011/03	2015-03-27	Mid-Flood	Sunny	CS2	12:36:20	1.0	Surface	1	2	20.61	7.98	26.7	97.7	7.5	4.4	2.7
HKLR	HY/2011/03	2015-03-27	Mid-Flood	Sunny	CS2	12:36:05	3.8	Middle	2	1	20.47	7.92	25.15	97.6	7.58	4.6	3.2

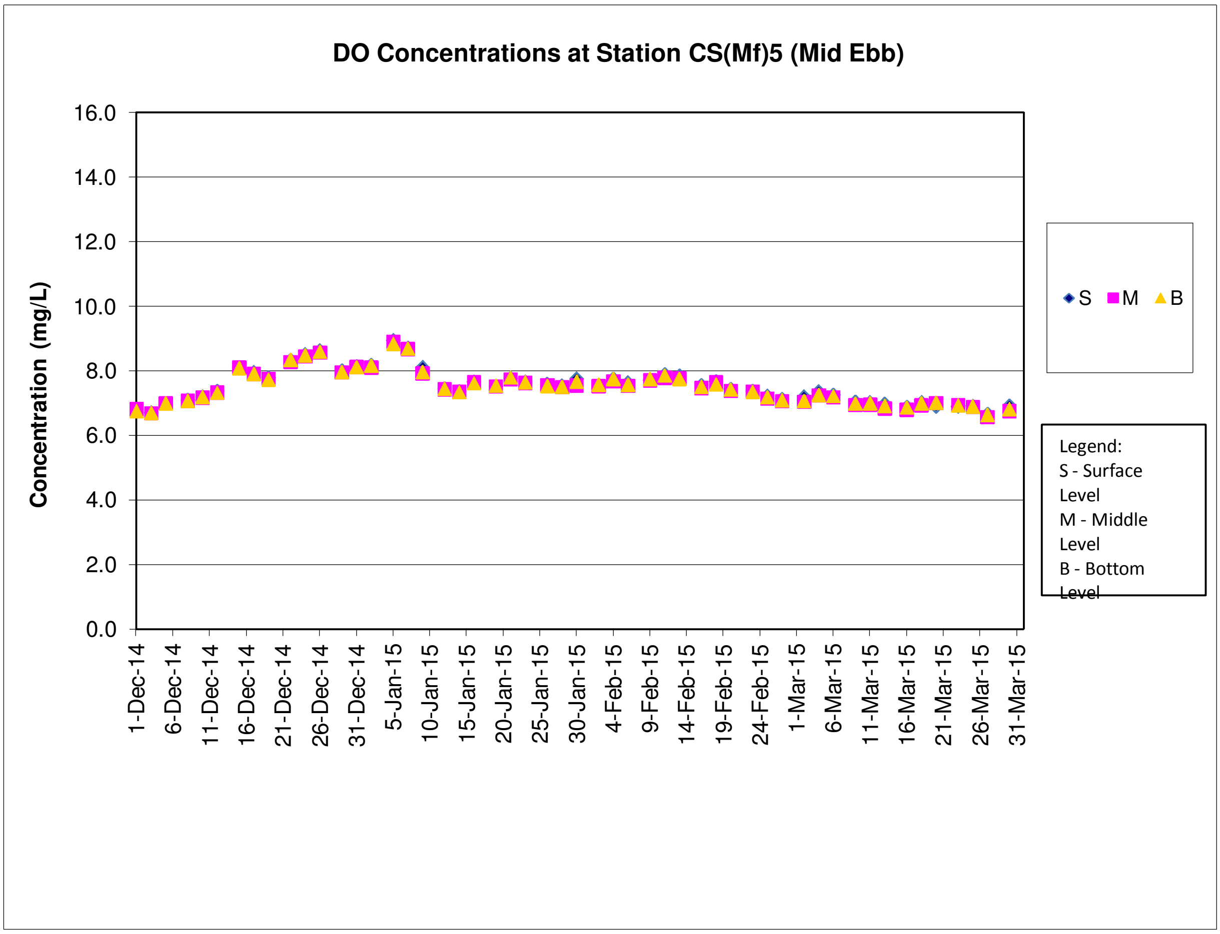
Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-03-27	Mid-Flood	Sunny	CS2	12:35:26	3.8	Middle	2	2	20.46	8.04	27.7	97.4	7.46	5.3	3.1
HKLR	HY/2011/03	2015-03-27	Mid-Flood	Sunny	CS2	12:35:15	6.5	Bottom	3	1	20.44	8.04	28.33	97.6	7.45	6.2	4.2
HKLR	HY/2011/03	2015-03-27	Mid-Flood	Sunny	CS2	12:35:49	6.5	Bottom	3	2	20.45	7.96	27.95	97.8	7.48	6.7	3.4
HKLR	HY/2011/03	2015-03-27	Mid-Flood	Sunny	CS(Mf)5	10:26:05	1.0	Surface	1	1	19.33	7.84	30.38	87.8	6.76	2.1	4.2
HKLR	HY/2011/03	2015-03-27	Mid-Flood	Sunny	CS(Mf)5	10:26:42	1.0	Surface	1	2	19.33	7.87	30.49	87.6	6.74	2.2	3.9
HKLR	HY/2011/03	2015-03-27	Mid-Flood	Sunny	CS(Mf)5	10:26:32	6.3	Middle	2	1	19.26	7.86	30.85	87.3	6.71	2.2	4.7
HKLR	HY/2011/03	2015-03-27	Mid-Flood	Sunny	CS(Mf)5	10:25:55	6.3	Middle	2	2	19.3	7.83	30.86	87.1	6.69	2.2	3.9
HKLR	HY/2011/03	2015-03-27	Mid-Flood	Sunny	CS(Mf)5	10:25:43	11.6	Bottom	3	1	19.17	7.81	32.39	87.9	6.71	2.2	2.8
HKLR	HY/2011/03	2015-03-27	Mid-Flood	Sunny	CS(Mf)5	10:26:22	11.6	Bottom	3	2	19.22	7.85	32.43	88.2	6.72	2.2	4.3
HKLR	HY/2011/03	2015-03-30	Mid-Ebb	Sunny	IS5	11:40:26	1.0	Surface	1	1	21.45	7.29	29.55	96.3	7.16	4.9	3.6
HKLR	HY/2011/03	2015-03-30	Mid-Ebb	Sunny	IS5	11:40:55	1.0	Surface	1	2	21.43	7.3	29.57	96.1	7.15	4.9	4.1
HKLR	HY/2011/03	2015-03-30	Mid-Ebb	Sunny	IS5	11:40:16	4.0	Middle	2	1	21.43	7.28	29.57	95.9	7.13	5	3.7
HKLR	HY/2011/03	2015-03-30	Mid-Ebb	Sunny	IS5	11:40:47	4.0	Middle	2	2	21.37	7.3	29.59	95.6	7.12	4.9	4
HKLR	HY/2011/03	2015-03-30	Mid-Ebb	Sunny	IS5	11:40:06	7.0	Bottom	3	1	21.42	7.27	29.58	95.9	7.14	5	2.4
HKLR	HY/2011/03	2015-03-30	Mid-Ebb	Sunny	IS5	11:40:36	7.0	Bottom	3	2	21.39	7.28	29.6	95.9	7.14	5	3.5
HKLR	HY/2011/03	2015-03-30	Mid-Ebb	Sunny	IS(Mf)6	11:32:14	1.0	Surface	1	1	21.65	7.11	29.42	97.3	7.22	6.3	2.7
HKLR	HY/2011/03	2015-03-30	Mid-Ebb	Sunny	IS(Mf)6	11:32:35	1.0	Surface	1	2	21.73	7.25	29.39	97.2	7.2	6.3	2.9
HKLR	HY/2011/03	2015-03-30	Mid-Ebb	Sunny	IS(Mf)6	11:32:21	2.0	Bottom	3	1	21.59	7.22	29.42	97	7.2	6.1	5
HKLR	HY/2011/03	2015-03-30	Mid-Ebb	Sunny	IS(Mf)6	11:32:05	2.0	Bottom	3	2	21.73	7.21	29.38	97.4	7.21	6.2	4.5
HKLR	HY/2011/03	2015-03-30	Mid-Ebb	Sunny	IS7	11:25:44	1.0	Surface	1	1	21.61	7.31	29.16	101.3	7.53	3.5	3
HKLR	HY/2011/03	2015-03-30	Mid-Ebb	Sunny	IS7	11:25:56	1.0	Surface	1	2	21.6	7.33	29.16	101.5	7.55	3.5	4
HKLR	HY/2011/03	2015-03-30	Mid-Ebb	Sunny	IS7	11:25:50	2.2	Bottom	3	1	21.6	7.32	29.15	101.3	7.53	3.5	2.4
HKLR	HY/2011/03	2015-03-30	Mid-Ebb	Sunny	IS7	11:25:36	2.2	Bottom	3	2	21.59	7.29	29.15	100.7	7.49	3.6	2.9
HKLR	HY/2011/03	2015-03-30	Mid-Ebb	Sunny	IS8	11:01:33	1.0	Surface	1	1	21.28	7.32	29.37	95.3	7.12	17.3	12.8
HKLR	HY/2011/03	2015-03-30	Mid-Ebb	Sunny	IS8	11:01:50	1.0	Surface	1	2	21.3	7.33	29.36	95.6	7.14	17.1	12.8
HKLR	HY/2011/03	2015-03-30	Mid-Ebb	Sunny	IS8	11:01:42	2.8	Bottom	3	1	21.28	7.32	29.37	95.4	7.12	17.9	13.6
HKLR	HY/2011/03	2015-03-30	Mid-Ebb	Sunny	IS8	11:01:25	2.8	Bottom	3	2	21.23	7.32	29.39	95.2	7.11	17.2	14.1
HKLR	HY/2011/03	2015-03-30	Mid-Ebb	Sunny	IS(Mf)9	11:18:46	1.0	Surface	1	1	21.5	7.3	29.23	99.6	7.41	6.6	3.6
HKLR	HY/2011/03	2015-03-30	Mid-Ebb	Sunny	IS(Mf)9	11:19:01	1.0	Surface	1	2	21.5	7.31	29.23	99.7	7.42	6.3	3.3
HKLR	HY/2011/03	2015-03-30	Mid-Ebb	Sunny	IS(Mf)9	11:18:54	2.7	Bottom	3	1	21.49	7.3	29.25	99.5	7.41	6.4	7.5
HKLR	HY/2011/03	2015-03-30	Mid-Ebb	Sunny	IS(Mf)9	11:18:38	2.7	Bottom	3	2	21.51	7.29	29.23	99.3	7.39	6.8	7.6
HKLR	HY/2011/03	2015-03-30	Mid-Ebb	Sunny	IS10	10:16:19	1.0	Surface	1	1	19.93	7.92	31.25	95.1	7.2	3.3	2.3
HKLR	HY/2011/03	2015-03-30	Mid-Ebb	Sunny	IS10	10:15:23	1.0	Surface	1	2	19.94	7.93	31.25	95.2	7.21	3.4	2.5
HKLR	HY/2011/03	2015-03-30	Mid-Ebb	Sunny	IS10	10:15:09	5.2	Middle	2	1	19.84	7.93	31.39	95.3	7.22	3.5	2.3
HKLR	HY/2011/03	2015-03-30	Mid-Ebb	Sunny	IS10	10:15:53	5.2	Middle	2	2	19.82	7.92	31.42	95.2	7.22	3.4	2.9
HKLR	HY/2011/03	2015-03-30	Mid-Ebb	Sunny	IS10	10:14:51	9.4	Bottom	3	1	19.9	7.93	31.33	96.4	7.3	3.5	2.8
HKLR	HY/2011/03	2015-03-30	Mid-Ebb	Sunny	IS10	10:15:36	9.4	Bottom	3	2	19.86	7.92	31.4	95.9	7.27	3.6	2.6
HKLR	HY/2011/03	2015-03-30	Mid-Ebb	Sunny	SR3	11:47:36	0.7	Middle	2	1	21.48	7.37	29.54	96.8	7.19	4.8	5.5
HKLR	HY/2011/03	2015-03-30	Mid-Ebb	Sunny	SR3	11:47:31	0.7	Middle	2	2	21.48	7.36	29.55	96.7	7.19	4.9	5.7
HKLR	HY/2011/03	2015-03-30	Mid-Ebb	Sunny	SR4	11:08:00	1.0	Surface	1	1	21.34	7.34	29.36	96.1	7.17	14.6	13.5
HKLR	HY/2011/03	2015-03-30	Mid-Ebb	Sunny	SR4	11:07:49	1.0	Surface	1	2	21.34	7.35	29.36	96.1	7.17	14.9	13.1
HKLR	HY/2011/03	2015-03-30	Mid-Ebb	Sunny	SR4	11:07:41	2.7	Bottom	3	1	21.34	7.34	29.36	96	7.16	15.2	13.6
HKLR	HY/2011/03	2015-03-30	Mid-Ebb	Sunny	SR4	11:07:53	2.7	Bottom	3	2	21.34	7.34	29.36	96	7.17	15.4	13.2
HKLR	HY/2011/03	2015-03-30	Mid-Ebb	Sunny	SR5	10:22:18	1.0	Surface	1	1	20.04	7.93	31.07	95.2	7.2	2.2	2.8
HKLR	HY/2011/03	2015-03-30	Mid-Ebb	Sunny	SR5	10:21:33	1.0	Surface	1	2	19.92	7.92	31.33	95.2	7.21	2.1	3.5
HKLR	HY/2011/03	2015-03-30	Mid-Ebb	Sunny	SR5	10:21:20	4.1	Bottom	3	1	19.95	7.93	31.3	95.7	7.24	2.3	2.9
HKLR	HY/2011/03	2015-03-30	Mid-Ebb	Sunny	SR5	10:21:55	4.1	Bottom	3	2	19.91	7.92	31.36	95.2	7.21	2.2	3.7
HKLR	HY/2011/03	2015-03-30	Mid-Ebb	Sunny	SR10A	09:52:22	1.0	Surface	1	1	20.78	6.85	29.93	93.1	6.99	2.7	2.6
HKLR	HY/2011/03	2015-03-30	Mid-Ebb	Sunny	SR10A	09:52:02	1.0	Surface	1	2	20.77	6.85	29.88	92.6	6.96	2.7	3
HKLR	HY/2011/03	2015-03-30	Mid-Ebb	Sunny	SR10A	09:51:56	3.3	Middle	2	1	20.65	6.84	30.01	92	6.93	2.9	2.7
HKLR	HY/2011/03	2015-03-30	Mid-Ebb	Sunny	SR10A	09:52:14	3.3	Middle	2	2	20.77	6.84	29.92	92.7	6.97	2.8	2.1
HKLR	HY/2011/03	2015-03-30	Mid-Ebb	Sunny	SR10A	09:52:07	5.5	Bottom	3	1	20.81	6.83	29.88	92.6	6.96	3.1	2.2
HKLR	HY/2011/03	2015-03-30	Mid-Ebb	Sunny	SR10A	09:51:50	5.5	Bottom	3	2	20.7	6.85	29.95	91.9	6.91	3.1	2.3

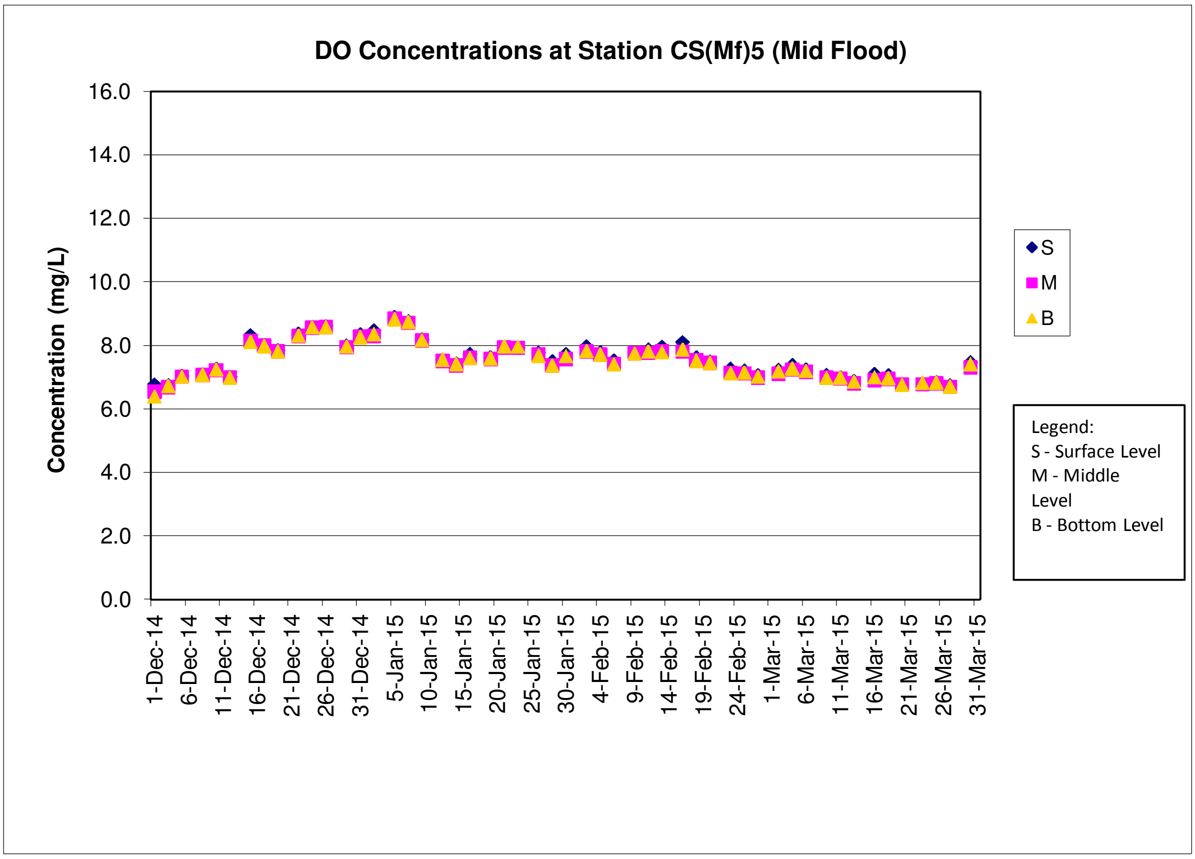
Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-03-30	Mid-Ebb	Sunny	SR10B	09:42:24	1.0	Surface	1	1	20.7	6.88	29.21	92.8	7.02	2.6	2.3
HKLR	HY/2011/03	2015-03-30	Mid-Ebb	Sunny	SR10B	09:42:02	1.0	Surface	1	2	20.66	6.95	28.9	92.4	7	2.7	2.5
HKLR	HY/2011/03	2015-03-30	Mid-Ebb	Sunny	SR10B	09:41:53	3.8	Bottom	3	1	20.65	7.2	28.76	92.4	7.01	2.7	2.7
HKLR	HY/2011/03	2015-03-30	Mid-Ebb	Sunny	SR10B	09:42:13	3.8	Bottom	3	2	20.65	6.85	29.16	92.4	6.99	2.7	2.1
HKLR	HY/2011/03	2015-03-30	Mid-Ebb	Sunny	CS2	11:31:39	1.0	Surface	1	1	20.22	7.95	30.78	99	7.47	3.5	2.7
HKLR	HY/2011/03	2015-03-30	Mid-Ebb	Sunny	CS2	11:32:36	1.0	Surface	1	2	20.22	7.95	30.79	100.4	7.58	3.4	2.5
HKLR	HY/2011/03	2015-03-30	Mid-Ebb	Sunny	CS2	11:32:16	4.2	Middle	2	1	19.98	7.94	31.21	99.2	7.51	3.7	2.5
HKLR	HY/2011/03	2015-03-30	Mid-Ebb	Sunny	CS2	11:31:20	4.2	Middle	2	2	19.99	7.94	31.2	97	7.34	3.4	2.9
HKLR	HY/2011/03	2015-03-30	Mid-Ebb	Sunny	CS2	11:31:03	7.3	Bottom	3	1	20.09	7.95	31.09	97.2	7.35	3.7	3.5
HKLR	HY/2011/03	2015-03-30	Mid-Ebb	Sunny	CS2	11:31:58	7.3	Bottom	3	2	20.14	7.95	31.07	99.8	7.54	3.7	2.3
HKLR	HY/2011/03	2015-03-30	Mid-Ebb	Sunny	CS(Mf)5	10:25:06	1.0	Surface	1	1	21.23	6.83	29.78	93.1	6.94	3	2.6
HKLR	HY/2011/03	2015-03-30	Mid-Ebb	Sunny	CS(Mf)5	10:25:47	1.0	Surface	1	2	21.12	6.84	29.84	92.8	6.93	2.9	3.3
HKLR	HY/2011/03	2015-03-30	Mid-Ebb	Sunny	CS(Mf)5	10:24:52	6.2	Middle	2	1	20.45	6.84	30.97	89.7	6.74	2.9	2.3
HKLR	HY/2011/03	2015-03-30	Mid-Ebb	Sunny	CS(Mf)5	10:25:33	6.2	Middle	2	2	20.47	6.85	30.92	90.5	6.8	2.9	3.8
HKLR	HY/2011/03	2015-03-30	Mid-Ebb	Sunny	CS(Mf)5	10:24:43	11.3	Bottom	3	1	20.44	6.81	31.07	90	6.76	3.1	2.6
HKLR	HY/2011/03	2015-03-30	Mid-Ebb	Sunny	CS(Mf)5	10:25:21	11.3	Bottom	3	2	20.53	6.81	30.91	92	6.9	3	3.7
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	IS5	14:40:26	1.0	Surface	1	1	21.89	7.4	31.62	100	7.29	5.3	4.4
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	IS5	14:40:54	1.0	Surface	1	2	21.92	7.41	31.62	100.4	7.32	5.5	3.9
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	IS5	14:40:43	4.2	Middle	2	1	21.7	7.41	31.9	99.5	7.27	5.5	4.5
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	IS5	14:40:17	4.2	Middle	2	2	21.74	7.39	31.82	99.5	7.26	5.4	4.4
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	IS5	14:40:36	7.3	Bottom	3	1	21.76	7.4	31.85	99.8	7.29	5.5	5
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	IS5	14:40:08	7.3	Bottom	3	2	21.78	7.38	31.79	99.6	7.27	5.3	4.2
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	IS(Mf)6	14:48:02	1.0	Surface	1	1	22.52	7.39	31.49	104.8	7.56	5.1	3.7
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	IS(Mf)6	14:48:13	1.0	Surface	1	2	22.22	7.41	31.64	105.2	7.62	5.3	3.1
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	IS(Mf)6	14:47:51	2.2	Bottom	3	1	22.14	7.38	31.56	103.9	7.54	5.4	3
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	IS(Mf)6	14:48:07	2.2	Bottom	3	2	22.19	7.4	31.52	104.5	7.58	5.4	3.7
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	IS7	14:54:54	1.0	Surface	1	1	22.07	7.45	31.34	106.8	7.78	4.7	4.3
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	IS7	14:54:40	1.0	Surface	1	2	22.07	7.43	31.35	106.4	7.75	4.8	3.7
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	IS7	14:54:46	2.4	Bottom	3	1	22.07	7.44	31.34	106.4	7.74	4.7	3.2
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	IS7	14:54:32	2.4	Bottom	3	2	22.06	7.43	31.35	105.9	7.71	4.7	3.9
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	IS8	15:18:44	1.0	Surface	1	1	21.64	7.45	31.34	98.1	7.2	13.6	10.3
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	IS8	15:18:55	1.0	Surface	1	2	21.63	7.45	31.34	98.2	7.21	13.2	11
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	IS8	15:18:49	3.1	Bottom	3	1	21.66	7.45	31.32	98.2	7.2	13.4	11.5
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	IS8	15:18:37	3.1	Bottom	3	2	21.66	7.45	31.33	98.1	7.19	13.1	12.8
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	IS(Mf)9	15:02:38	1.0	Surface	1	1	21.98	7.14	31.45	103.4	7.54	4.8	3.4
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	IS(Mf)9	15:02:26	1.0	Surface	1	2	21.96	7.05	31.46	103.2	7.52	4.8	4.1
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	IS(Mf)9	15:02:16	2.8	Bottom	3	1	21.95	7.03	31.46	103	7.51	4.7	3.8
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	IS(Mf)9	15:02:32	2.8	Bottom	3	2	21.97	7.12	31.46	103.3	7.53	4.7	2.7
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	IS10	16:18:16	1.0	Surface	1	1	20.51	7.97	29.61	97.9	7.4	2.2	3.4
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	IS10	16:17:24	1.0	Surface	1	2	20.47	7.97	29.4	103.3	7.83	2.3	2.5
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	IS10	16:17:03	5.2	Middle	2	1	20.21	7.95	30.71	103.2	7.8	2.3	2.6
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	IS10	16:17:58	5.2	Middle	2	2	20.52	7.97	29.63	97.9	7.4	2.5	2.6
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	IS10	16:17:40	9.4	Bottom	3	1	20.56	7.97	29.12	107	8.11	2.5	2.6
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	IS10	16:16:47	9.4	Bottom	3	2	20.41	7.96	30.83	104.7	7.87	2.5	3.3
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	SR3	14:31:51	0.7	Middle	2	1	21.99	7.31	31.22	100.8	7.35	5.4	4.7
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	SR3	14:31:43	0.7	Middle	2	2	21.99	7.29	31.15	100.1	7.31	5.2	4.6
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	SR4	15:12:50	1.0	Surface	1	1	21.66	7.41	31.32	98.3	7.21	14.2	8.9
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	SR4	15:12:36	1.0	Surface	1	2	21.64	7.4	31.34	98	7.19	14.2	9.9
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	SR4	15:12:27	2.8	Bottom	3	1	21.6	7.39	31.37	97.6	7.16	14.1	9.6
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	SR4	15:12:41	2.8	Bottom	3	2	21.66	7.41	31.32	98.1	7.19	14.3	11
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	SR5	16:10:52	1.0	Surface	1	1	20.51	7.96	29.18	102.1	7.75	2.2	3.3
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	SR5	16:11:38	1.0	Surface	1	2	20.74	7.97	29.02	104	7.86	2.3	2.3
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	SR5	16:10:30	4.3	Bottom	3	1	20.29	7.96	30.73	101.7	7.67	2.1	2.7

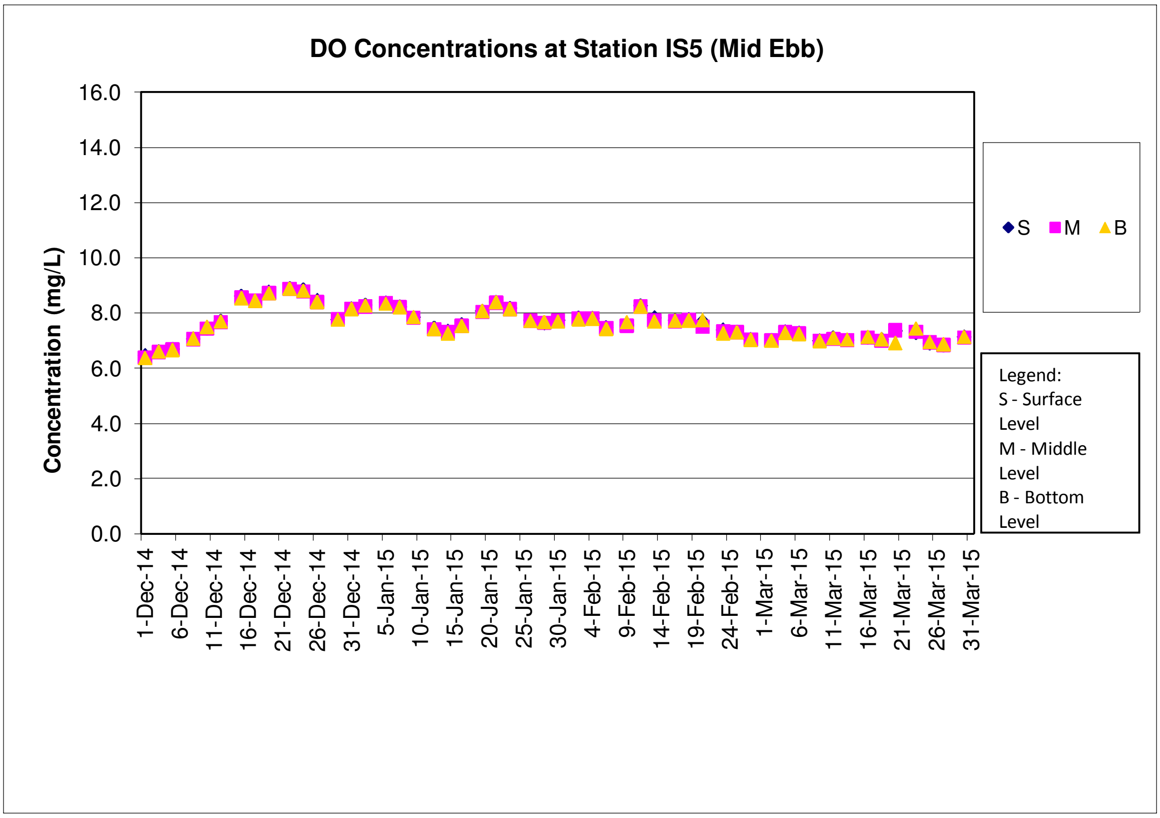
Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	SR5	16:11:14	4.3	Bottom	3	2	20.24	7.95	30.85	102.8	7.76	2	2.9
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	SR10A	16:31:14	1.0	Surface	1	1	20.9	7.43	32.53	96.3	7.11	2.6	1.8
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	SR10A	16:30:43	1.0	Surface	1	2	20.94	7.43	32.5	96.9	7.15	2.6	1.8
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	SR10A	16:30:34	3.4	Middle	2	1	20.87	7.42	32.69	96.4	7.12	3.1	3.5
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	SR10A	16:31:07	3.4	Middle	2	2	20.85	7.43	32.69	95.9	7.08	3.1	2.1
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	SR10A	16:31:00	5.7	Bottom	3	1	20.81	7.42	32.74	96.1	7.1	3.1	3.7
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	SR10A	16:30:25	5.7	Bottom	3	2	20.9	7.41	32.64	96.8	7.14	3.3	2.8
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	SR10B	16:41:35	1.0	Surface	1	1	20.91	7.42	32.49	97.4	7.19	2.5	3.8
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	SR10B	16:41:54	1.0	Surface	1	2	20.94	7.29	32.43	97.6	7.2	2.4	3
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	SR10B	16:41:44	4.2	Bottom	3	1	20.9	7.34	32.59	97.4	7.19	2.5	2.3
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	SR10B	16:41:27	4.2	Bottom	3	2	20.92	7.35	32.54	97.4	7.19	2.5	4
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	CS2	14:55:51	1.0	Surface	1	1	20.94	7.95	29.61	104.7	7.86	3.3	5.2
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	CS2	14:54:50	1.0	Surface	1	2	20.31	7.98	30.36	97.2	7.34	3.4	4.8
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	CS2	14:54:34	4.3	Middle	2	1	19.97	7.94	31.05	96.9	7.34	3.3	4.9
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	CS2	14:54:21	4.3	Middle	2	2	19.98	7.98	31.13	95.6	7.24	3.4	4.8
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	CS2	14:55:15	7.5	Bottom	3	1	20.16	7.96	30.85	99.2	7.5	3.4	4
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	CS2	14:53:52	7.5	Bottom	3	2	20	8.01	31.23	96.1	7.27	3.4	3.9
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	CS(Mf)5	15:58:24	1.0	Surface	1	1	21.42	7.44	31.38	101.5	7.47	3.2	3.3
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	CS(Mf)5	15:57:51	1.0	Surface	1	2	21.53	7.44	31.24	101.6	7.47	3.2	2.3
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	CS(Mf)5	15:58:15	6.4	Middle	2	1	21.1	7.44	31.87	99.8	7.37	3.2	3.5
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	CS(Mf)5	15:57:39	6.4	Middle	2	2	21.16	7.45	31.81	98.5	7.27	3.2	2.9
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	CS(Mf)5	15:57:16	11.8	Bottom	3	1	20.93	7.4	32.17	100	7.39	3.1	3
HKLR	HY/2011/03	2015-03-30	Mid-Flood	Sunny	CS(Mf)5	15:58:05	11.8	Bottom	3	2	21.07	7.42	32.01	100.8	7.44	3.1	4.3

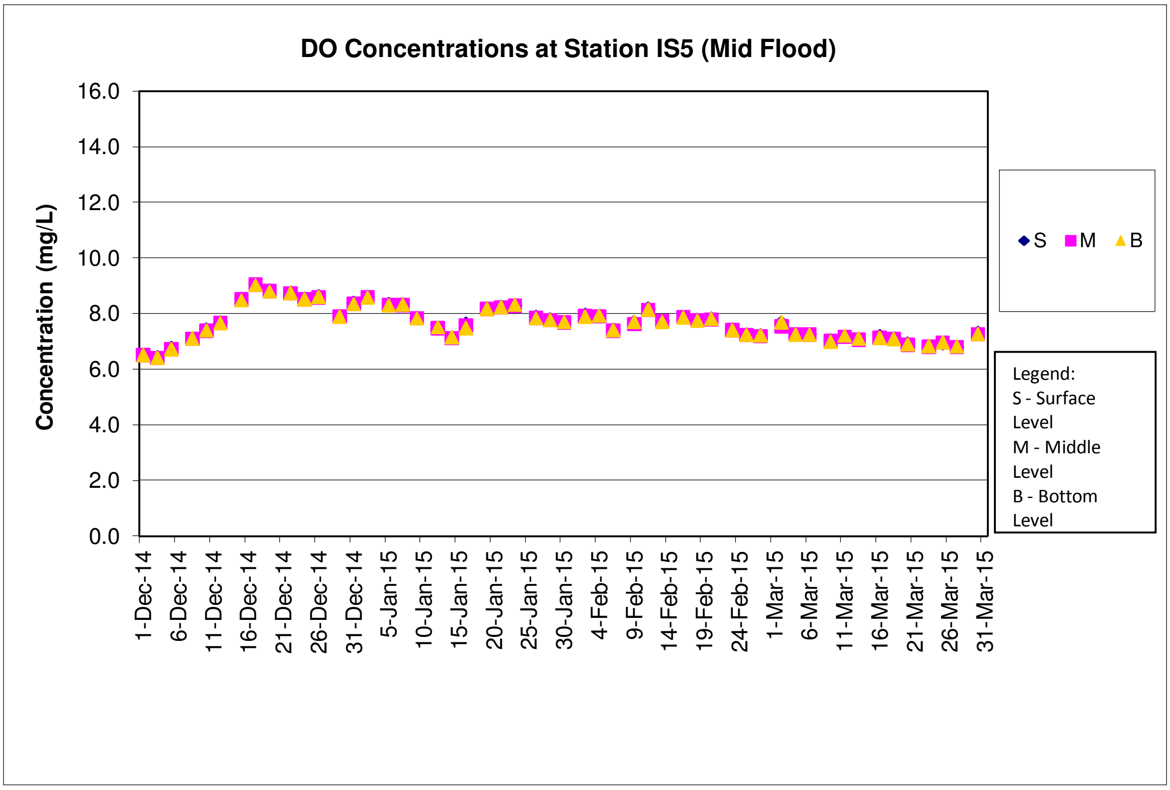

DO Concentrations at Station CS2 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15
6-Mar-15
11-Mar-15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

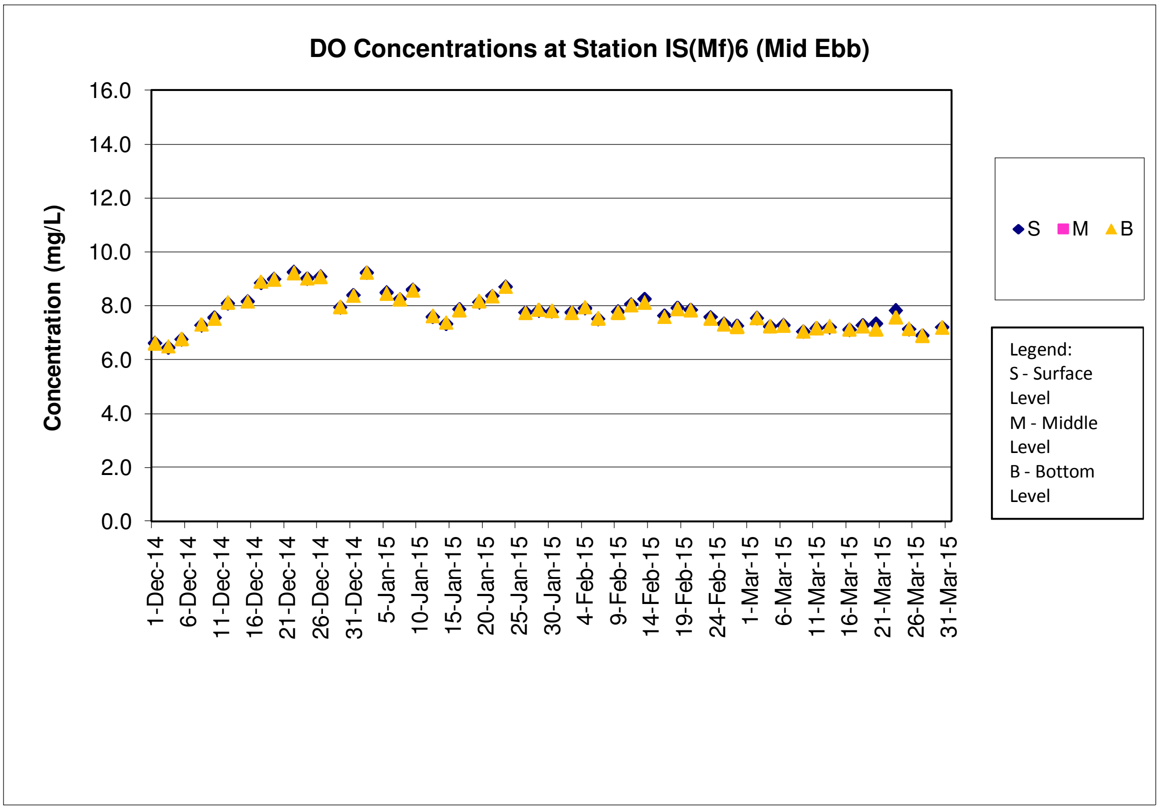

DO Concentrations at Station CS2 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15
6-Mar-15
11-Mar-15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

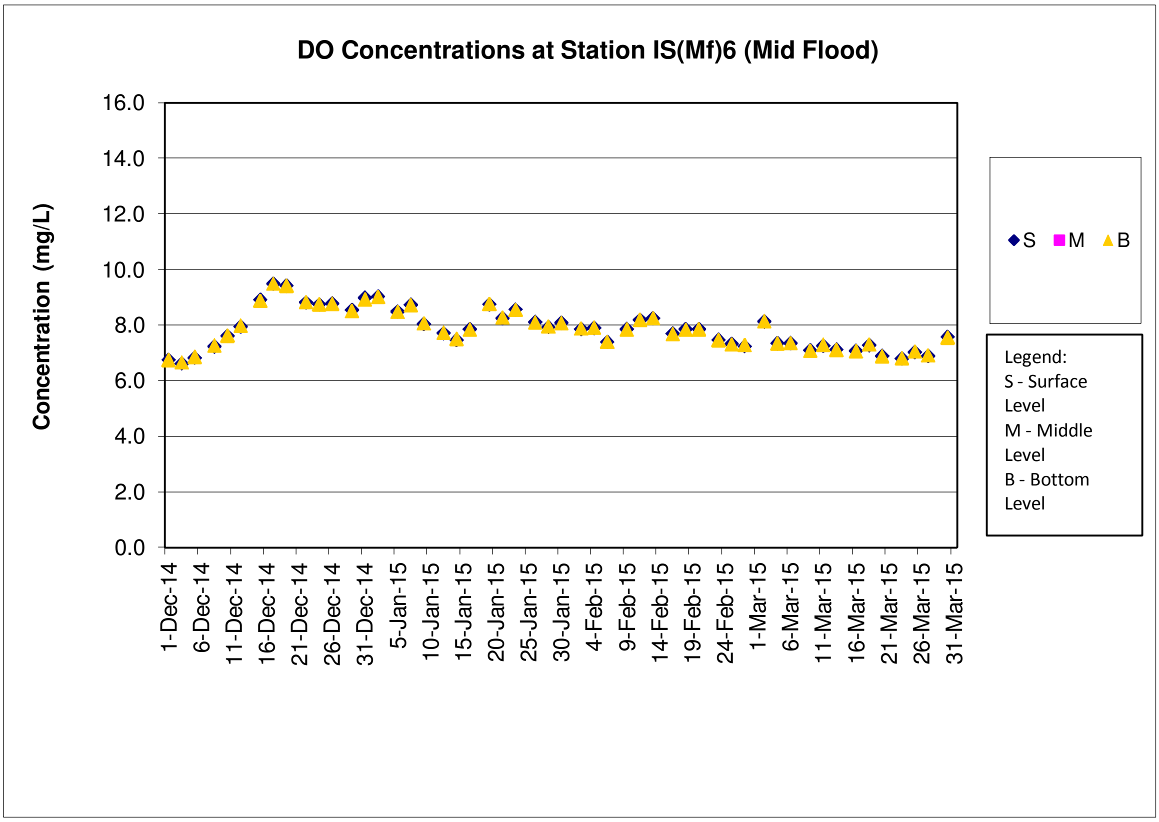

DO Concentrations at Station CS(Mf)5 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15
6-Mar-15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

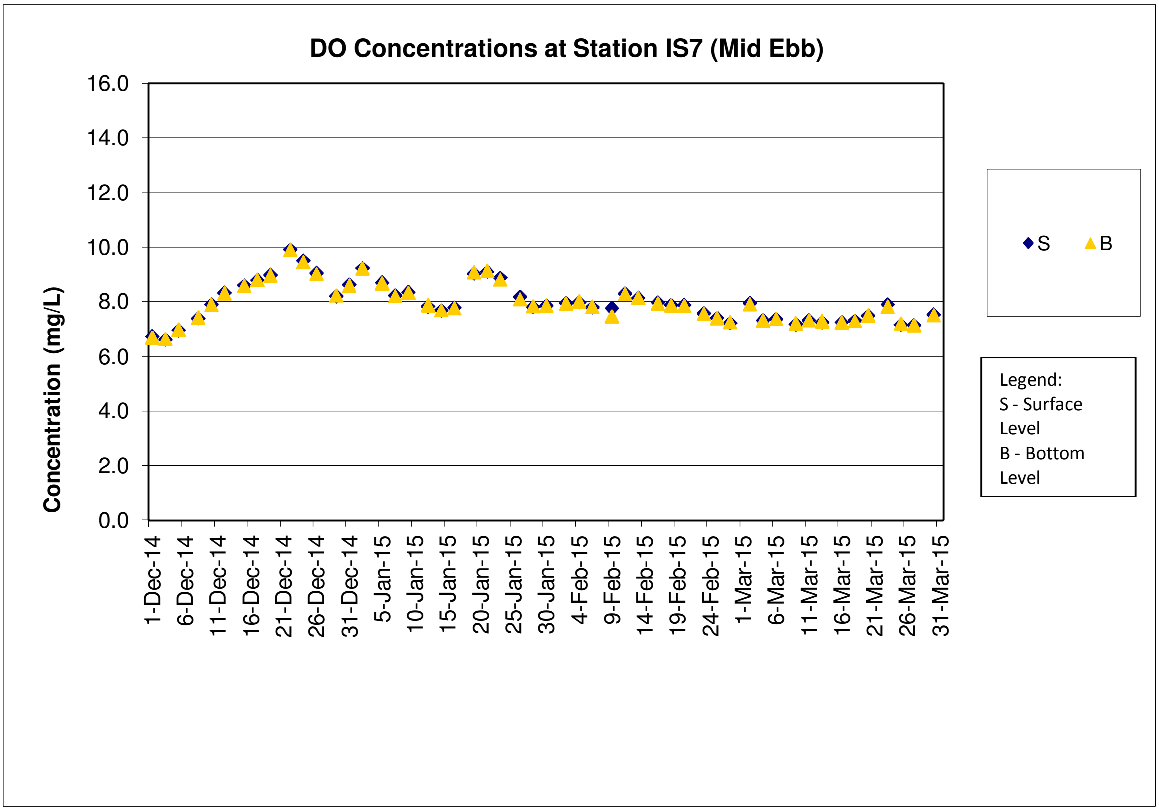

DO Concentrations at Station CS(Mf)5 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15
6-Mar-15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

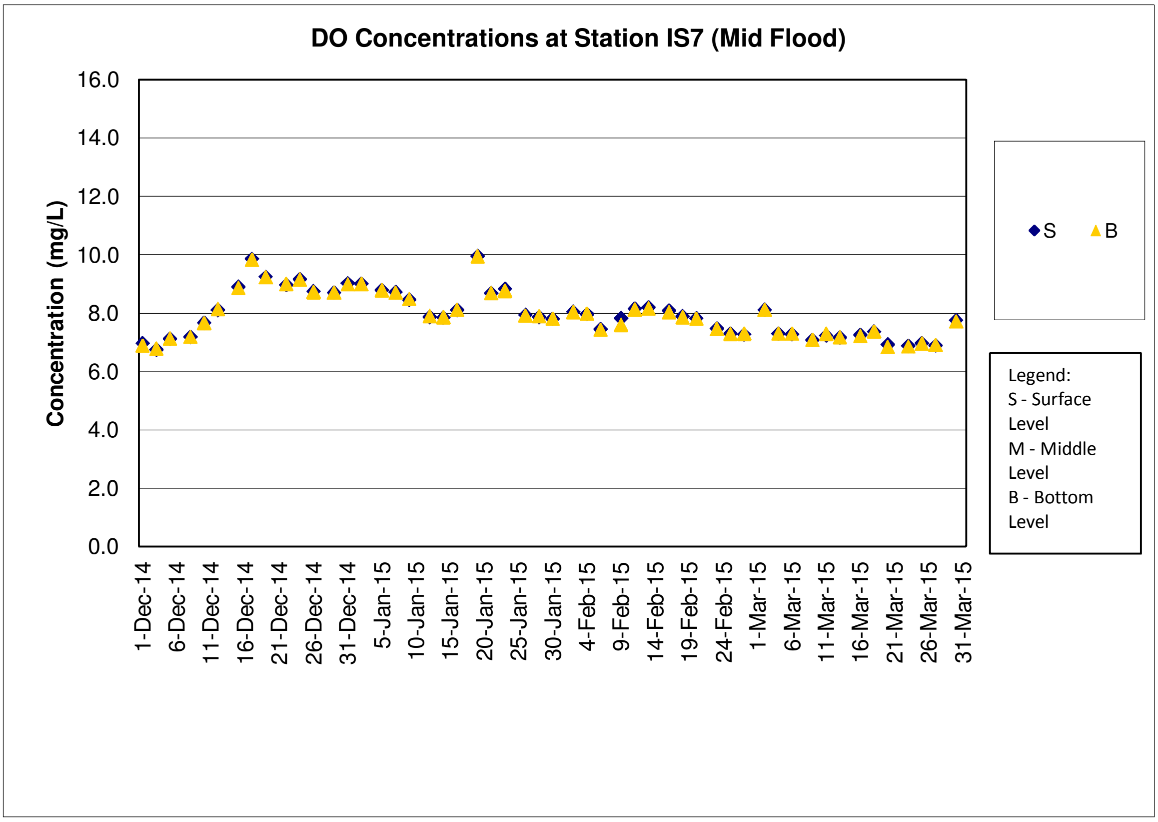

DO Concentrations at Station IS5 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15
6-Mar-15
11-Mar-15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

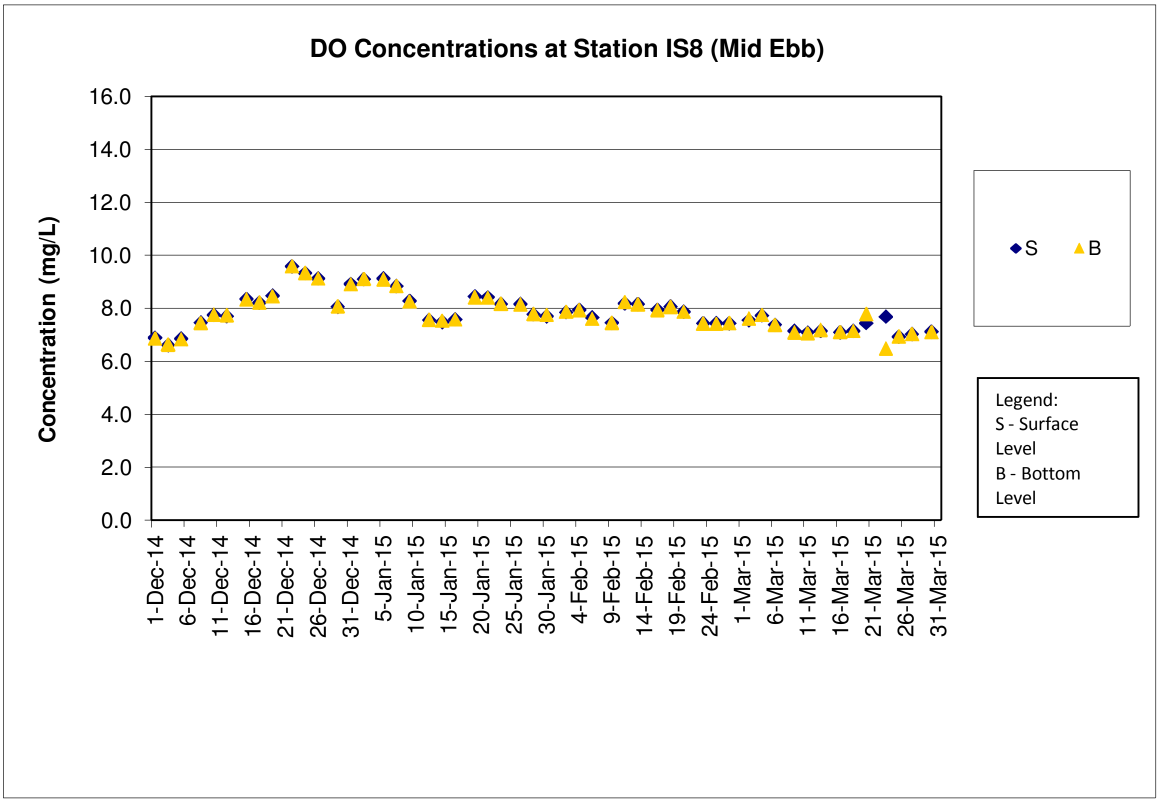

DO Concentrations at Station IS5 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15
6-Mar-15
11-Mar-15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

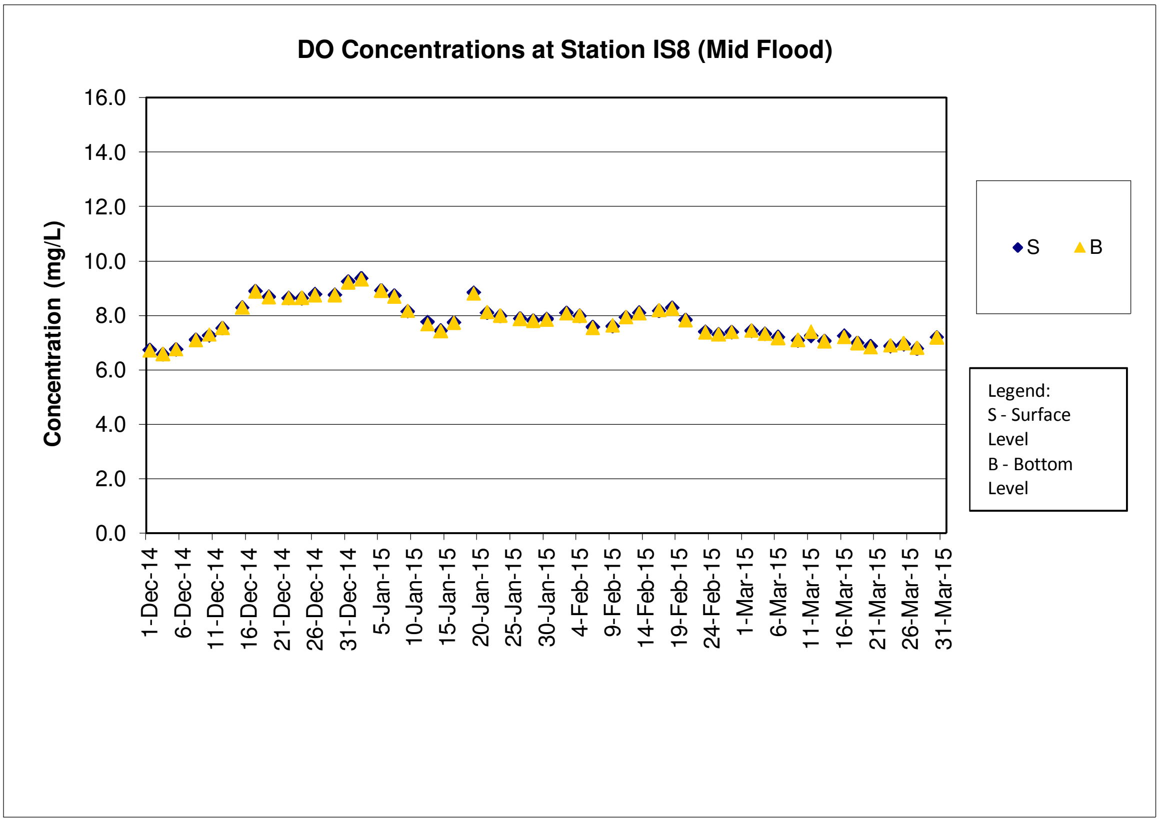

DO Concentrations at Station IS(Mf)6 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15
6-Mar-15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

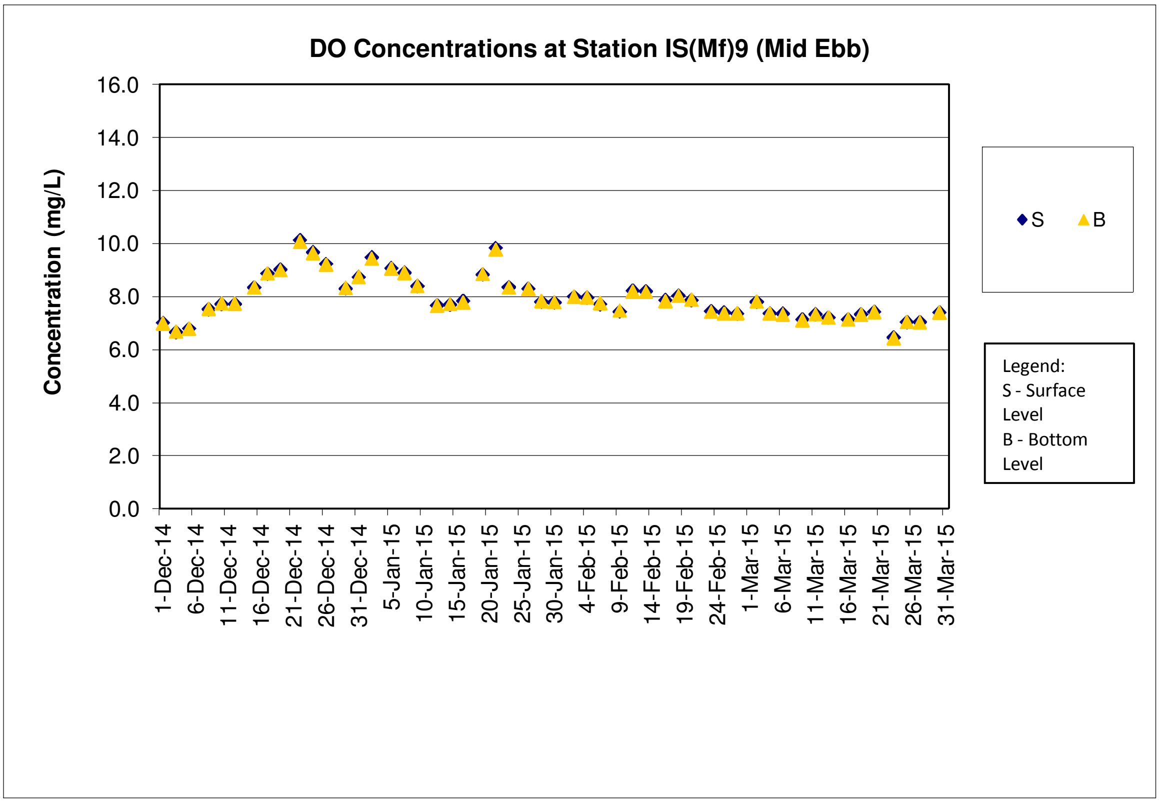

DO Concentrations at Station IS7 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15
6-Mar-15
11-Mar-15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

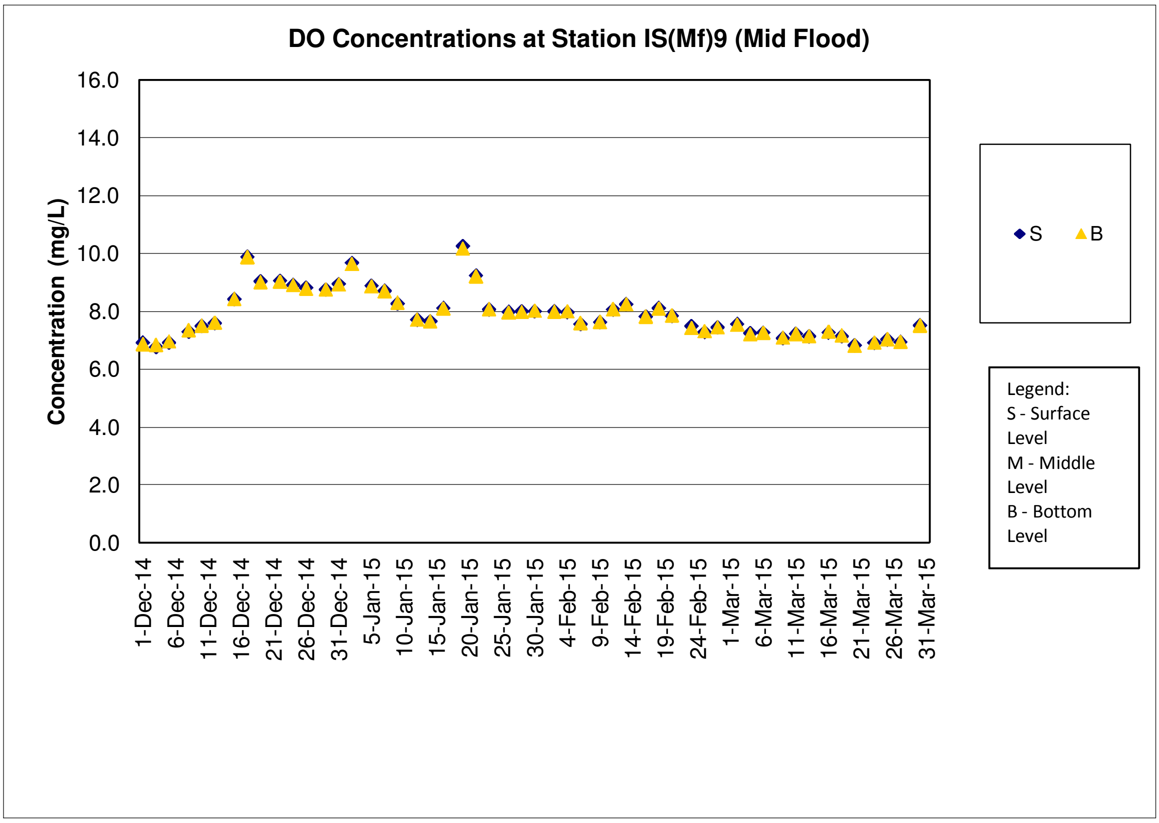


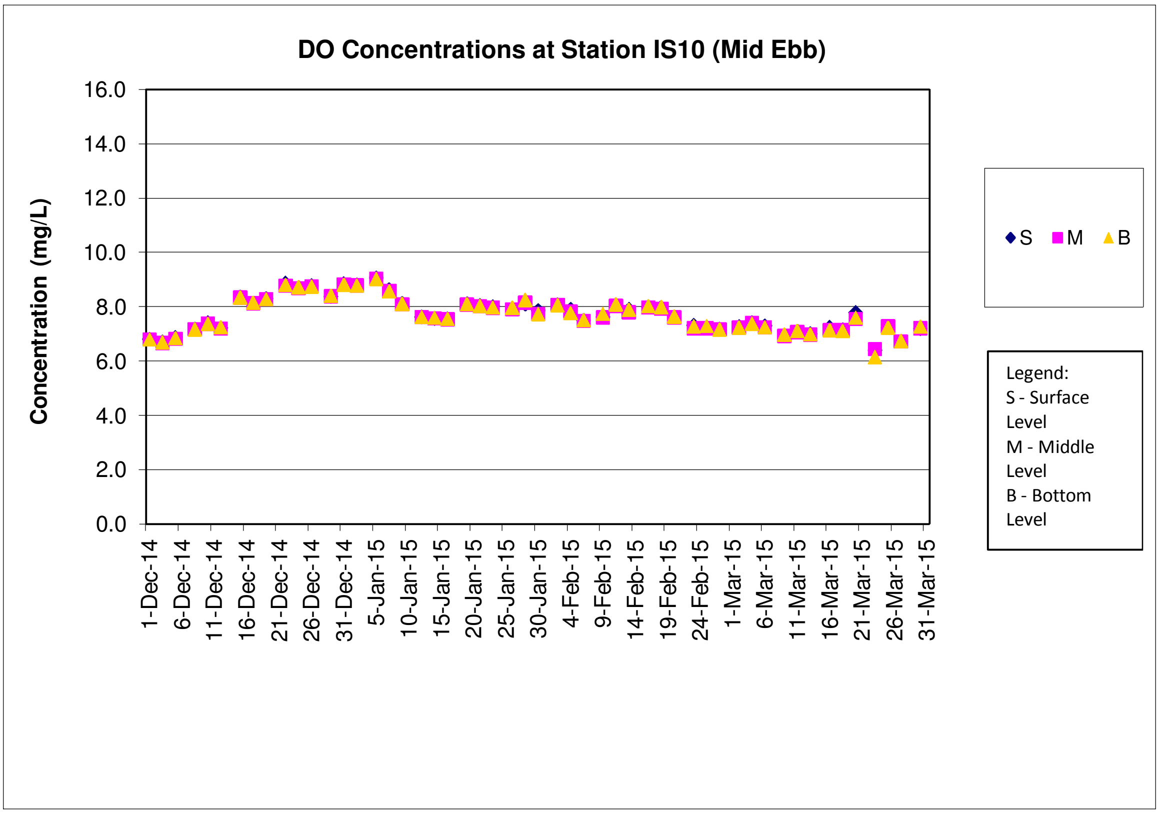
DO Concentrations at Station IS8 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15
6-Mar-15
11-Mar-15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

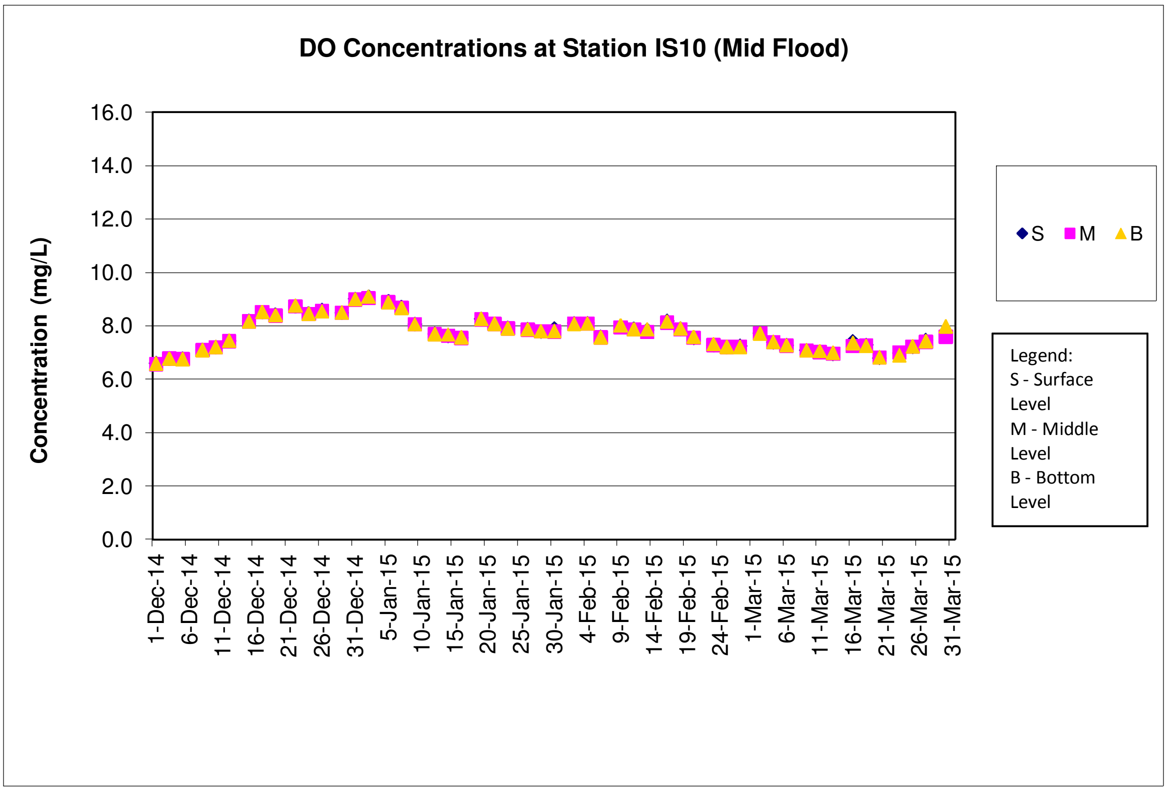


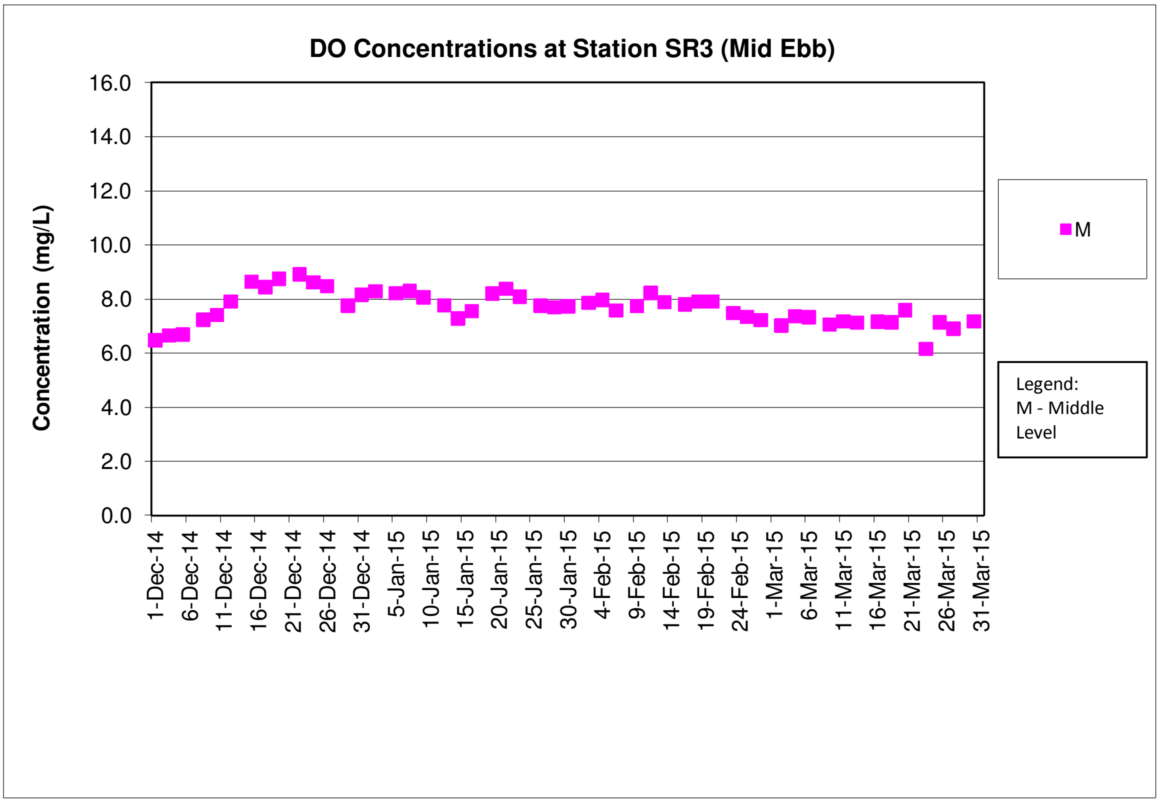
DO Concentrations at Station IS8 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15
6-Mar-15
11-Mar-15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

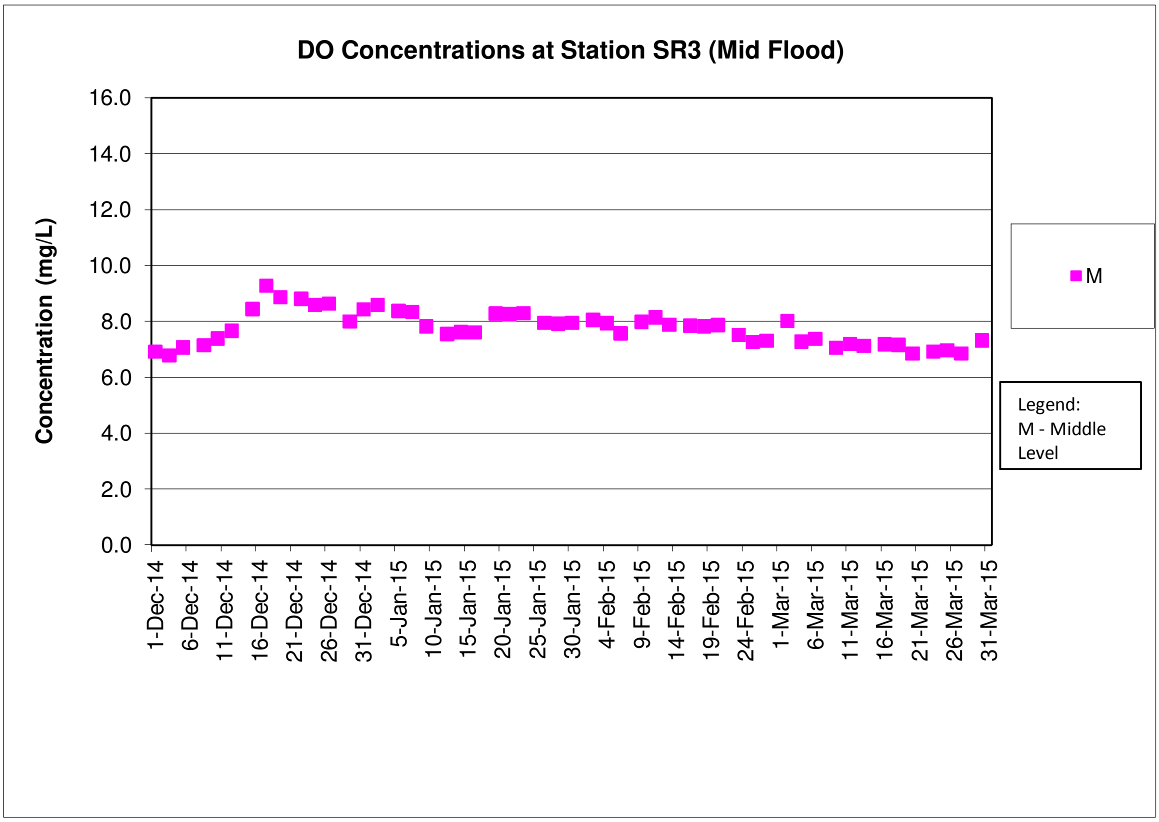

DO Concentrations at Station IS(Mf)9 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15
6-Mar-15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

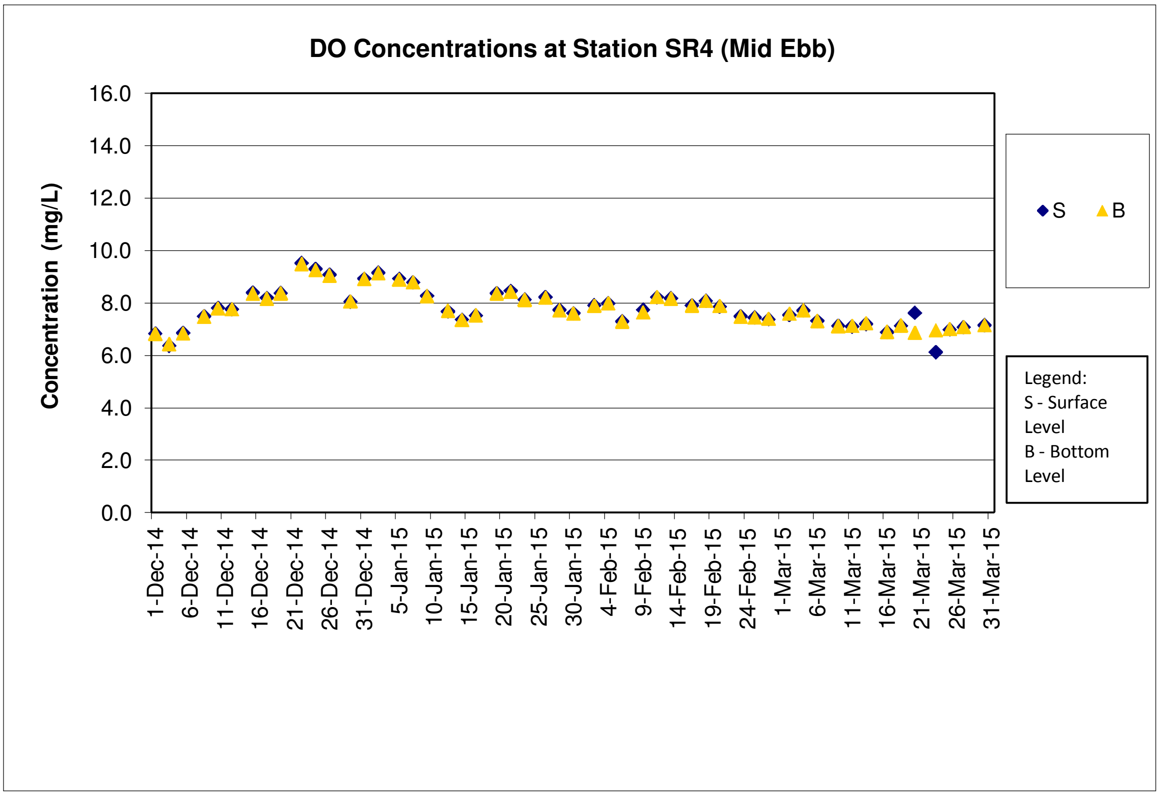

DO Concentrations at Station IS(Mf)9 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15
6-Mar-15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

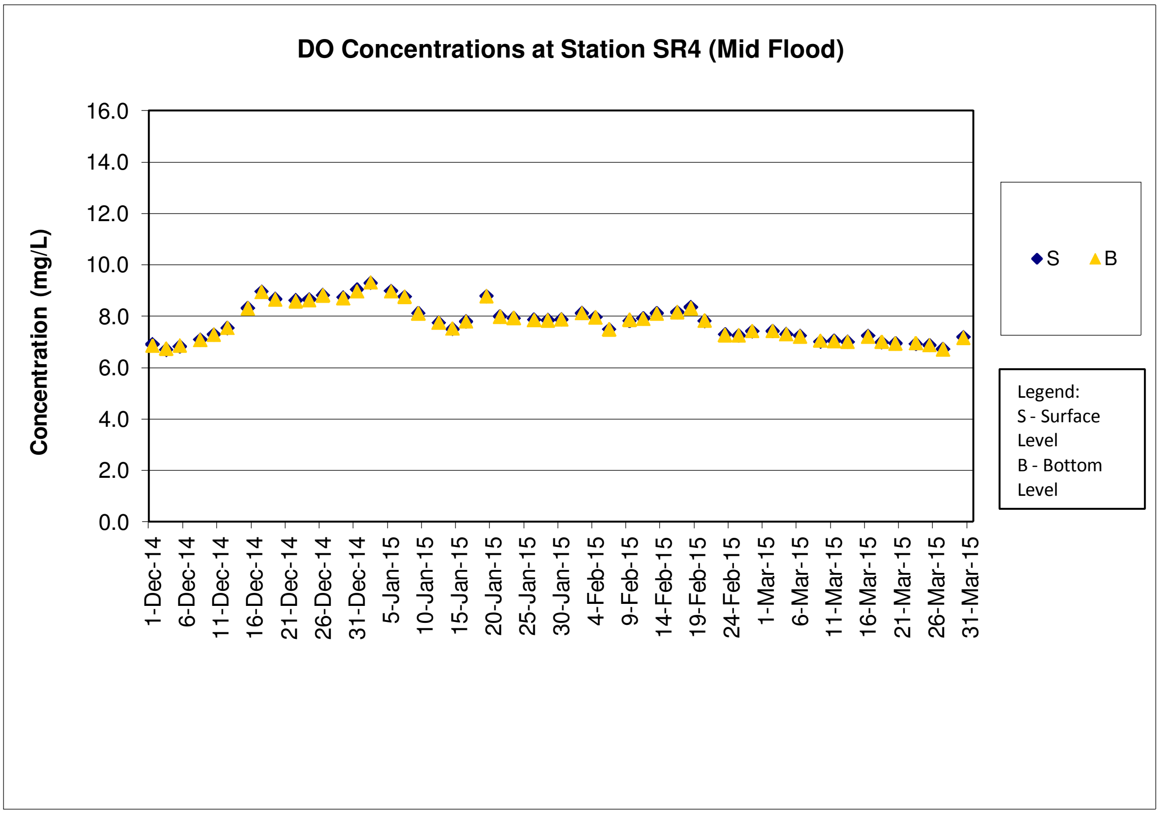

DO Concentrations at Station IS10 (Mid Ebb)
Concentration (mg/L)
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

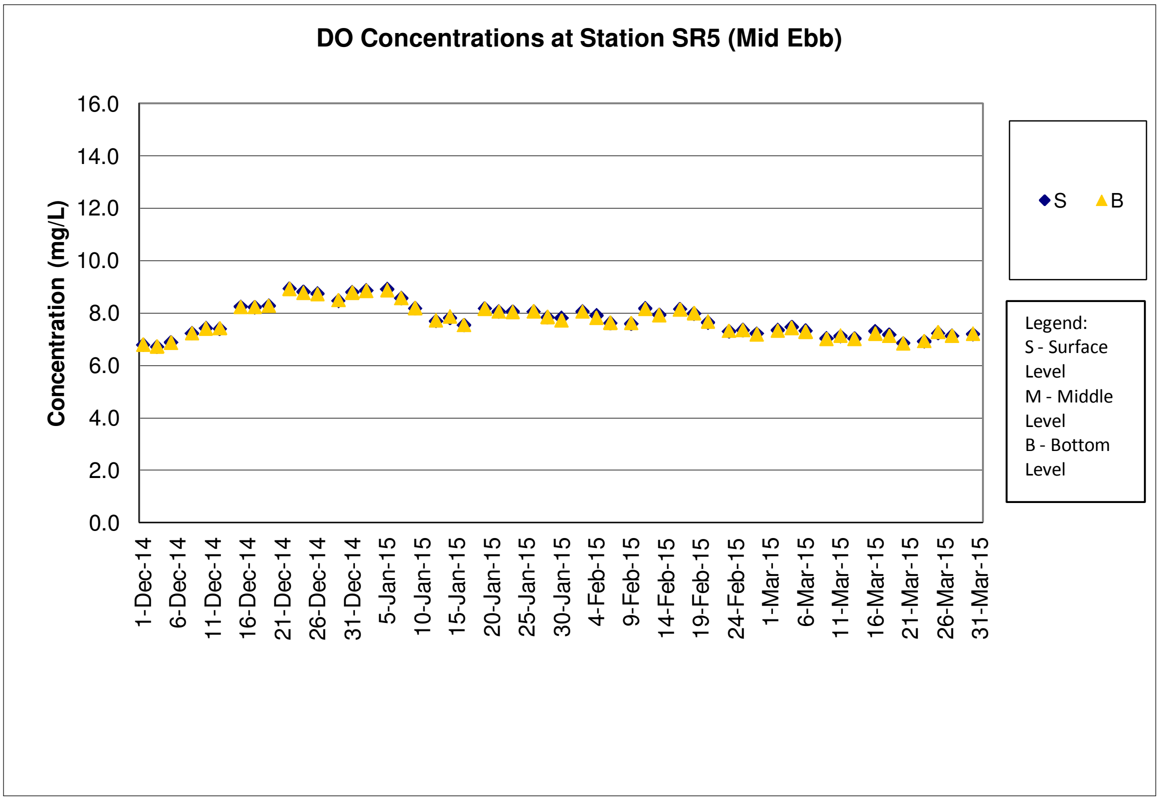

DO Concentrations at Station IS10 (Mid Flood)
Concentration (mg/L)
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

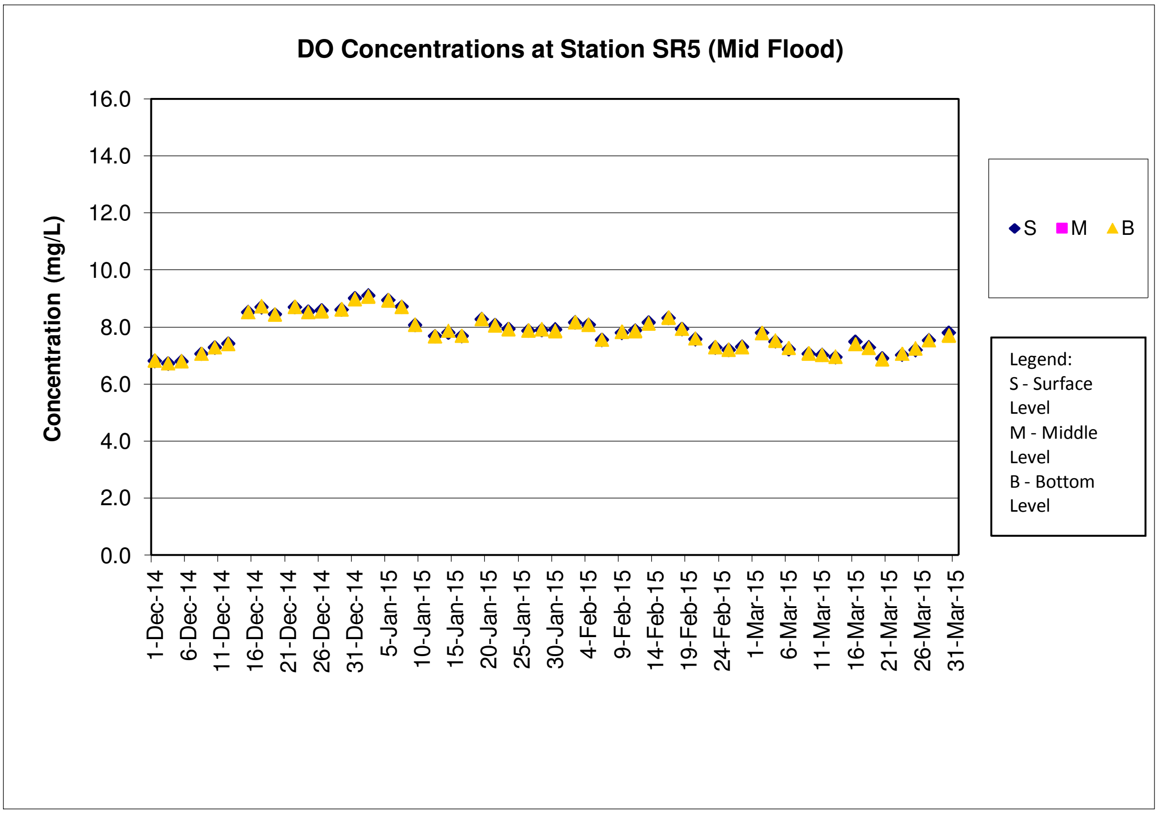

DO Concentrations at Station SR3 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15
6-Mar-15
11-Mar-15
16-Mar-15
21-Mar-15
26-Mar-15
31-Mar-15
M
Legend:
M - Middle Level

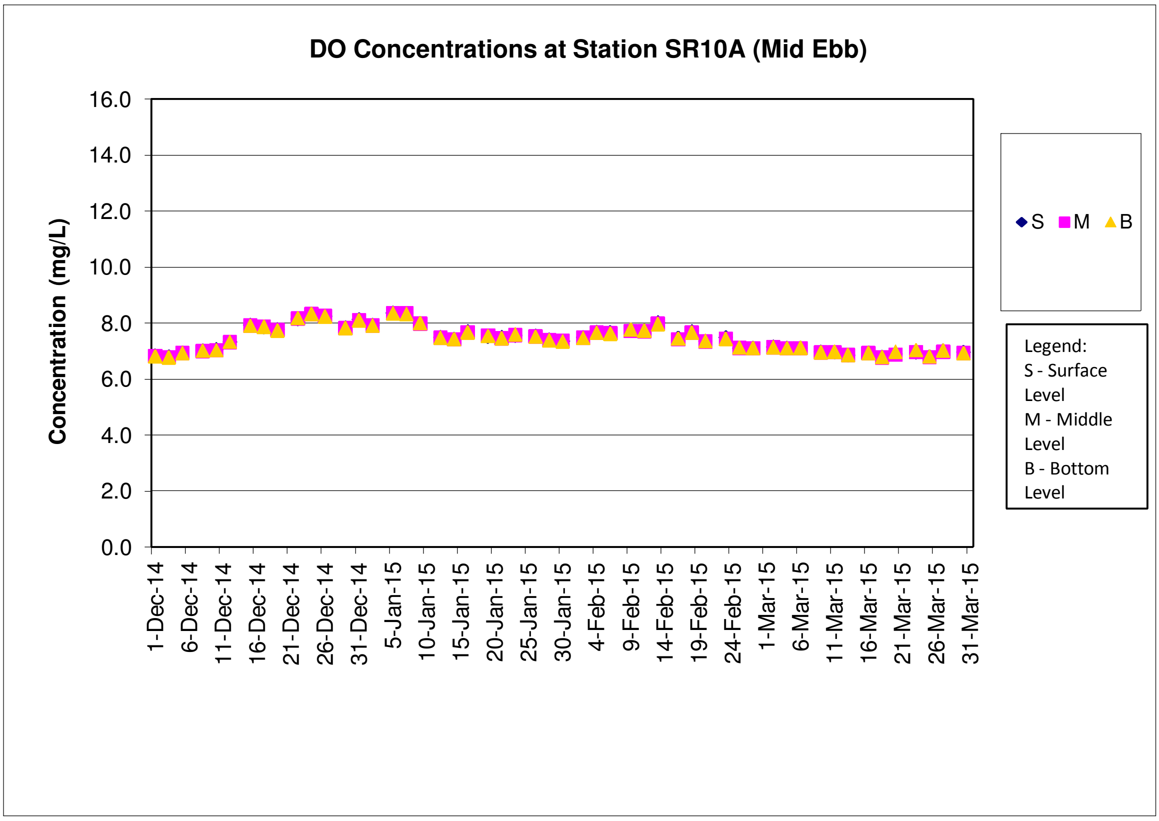

DO Concentrations at Station SR3 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15
6-Mar-15
11-Mar-15
16-Mar-15
21-Mar-15
26-Mar-15
31-Mar-15
M
Legend:
M - Middle Level

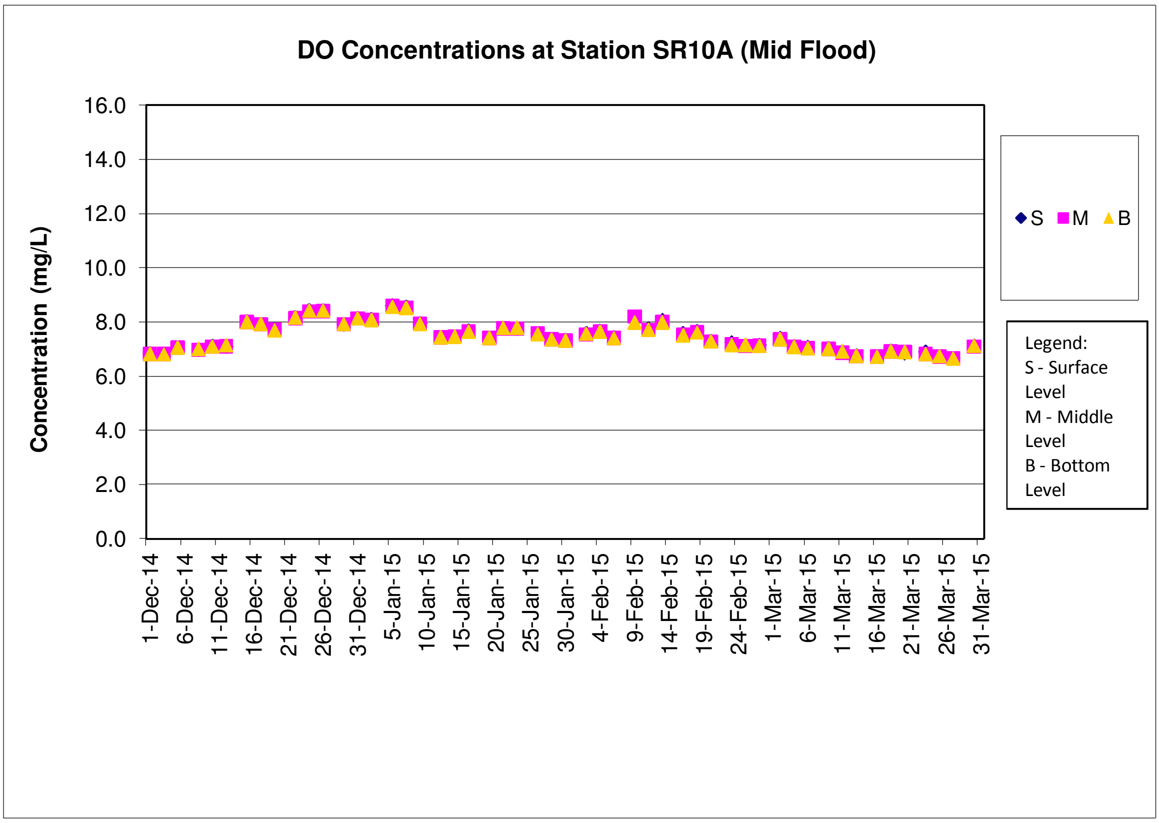

DO Concentrations at Station SR4 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15
6-Mar-15
11-Mar-15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

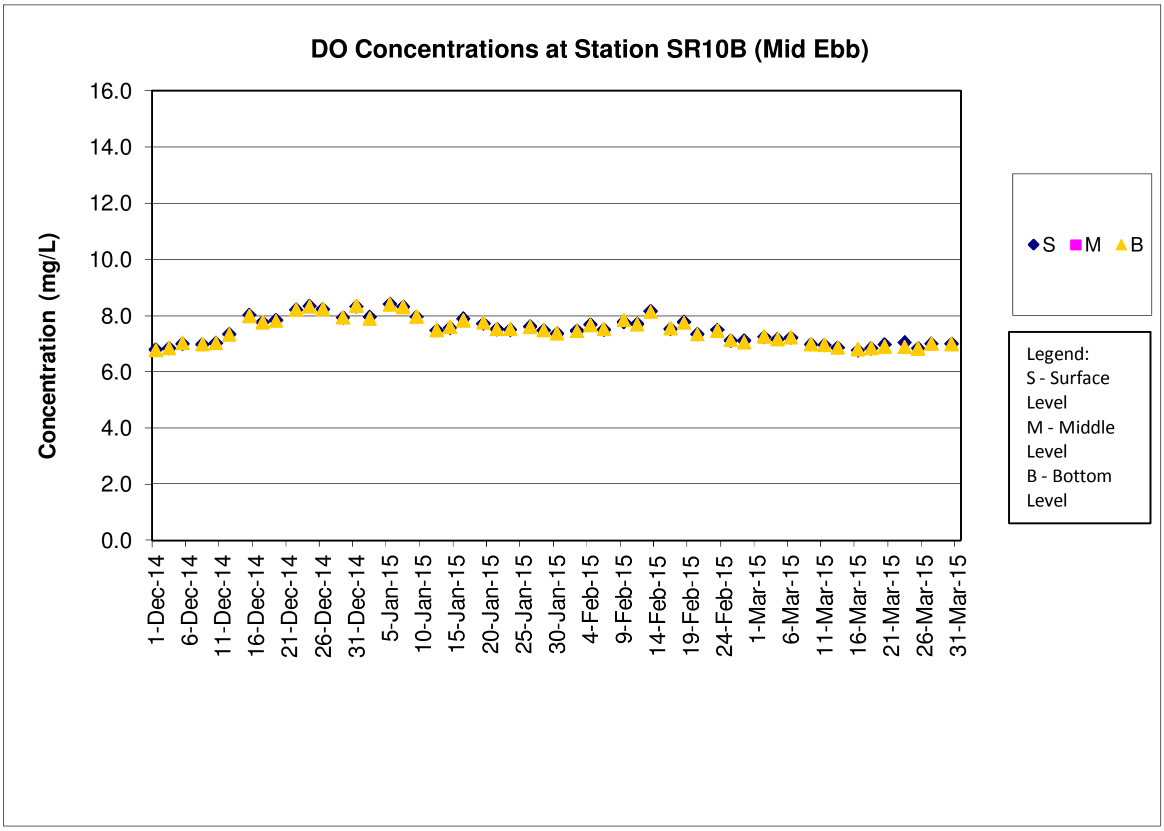

DO Concentrations at Station SR4 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15
6-Mar-15
11-Mar-15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

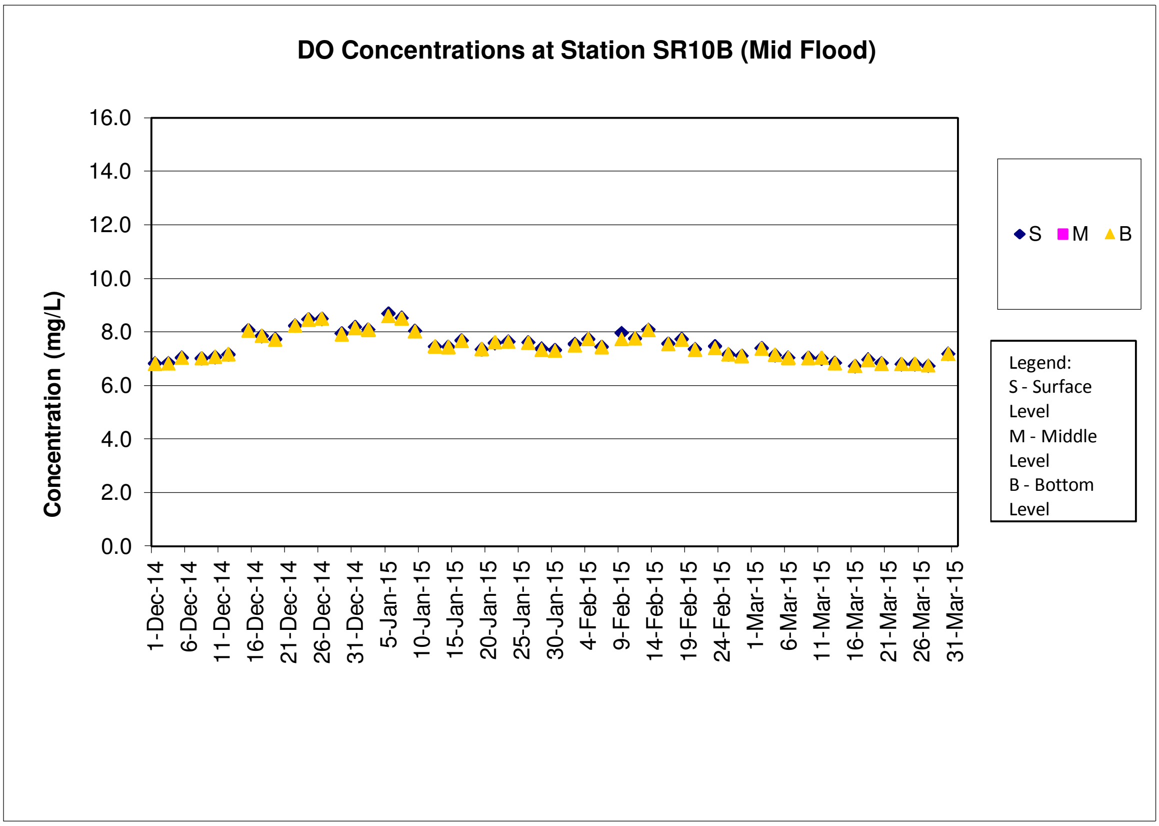

DO Concentrations at Station SR5 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15
6-Mar-15
11-Mar-15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

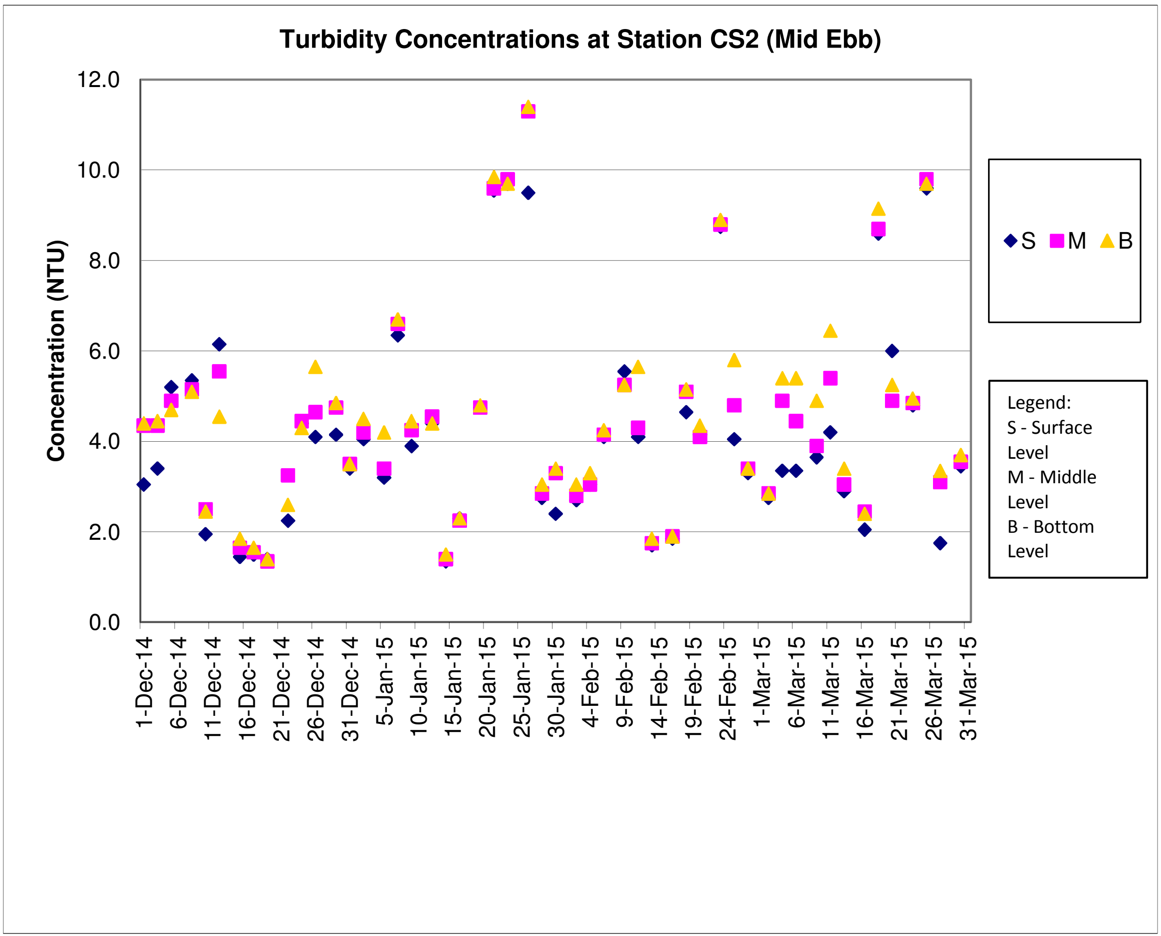

DO Concentrations at Station SR5 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15
6-Mar-15
11-Mar-15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

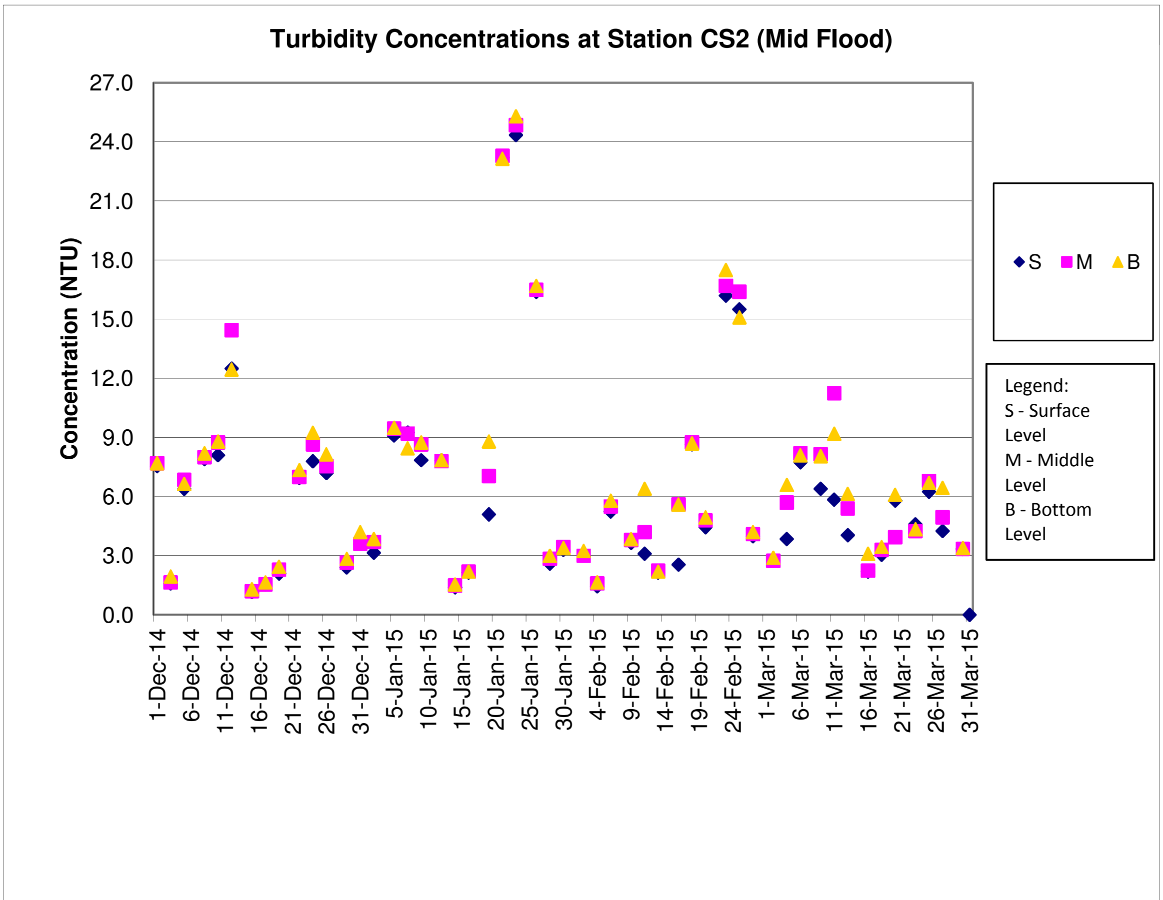

DO Concentrations at Station SR10A (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15
6-Mar-15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

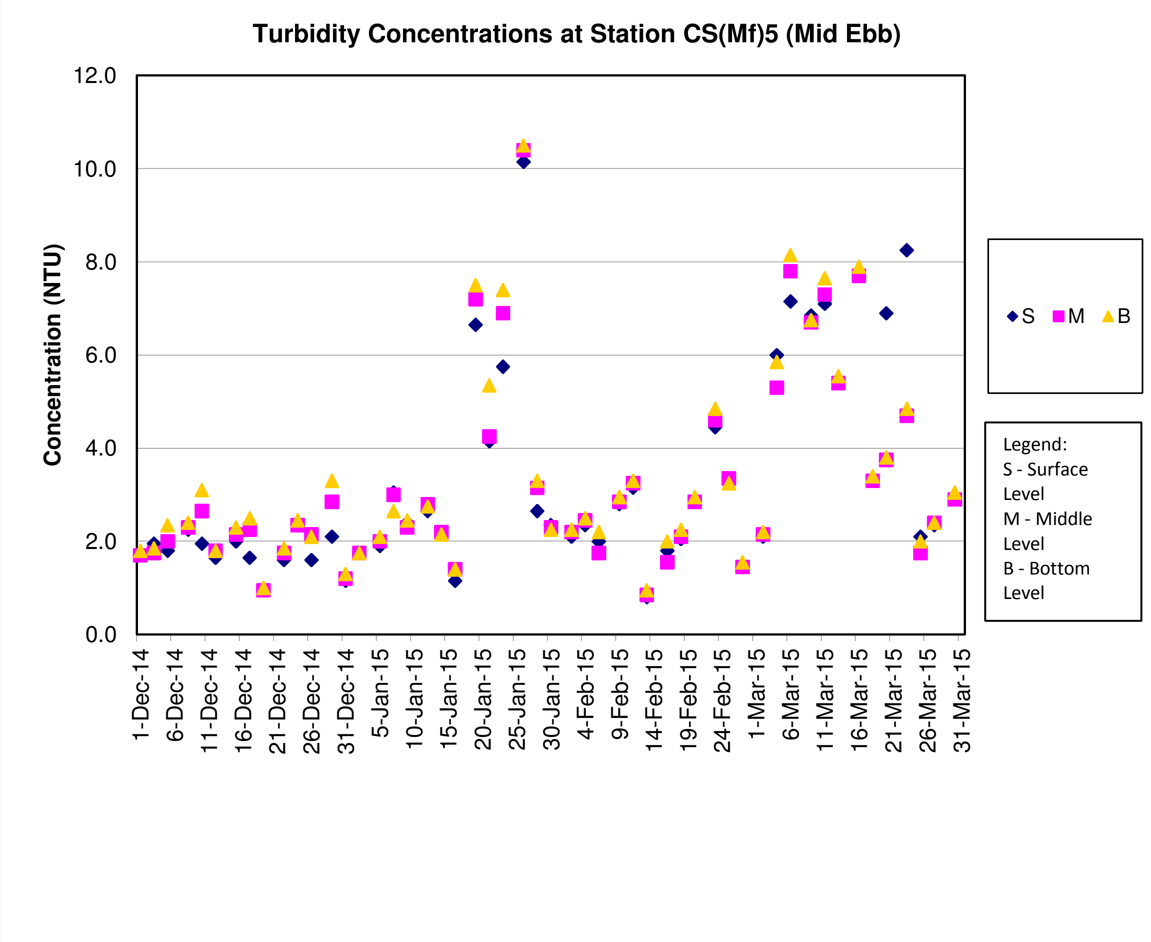

DO Concentrations at Station SR10B (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15
6-Mar-15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

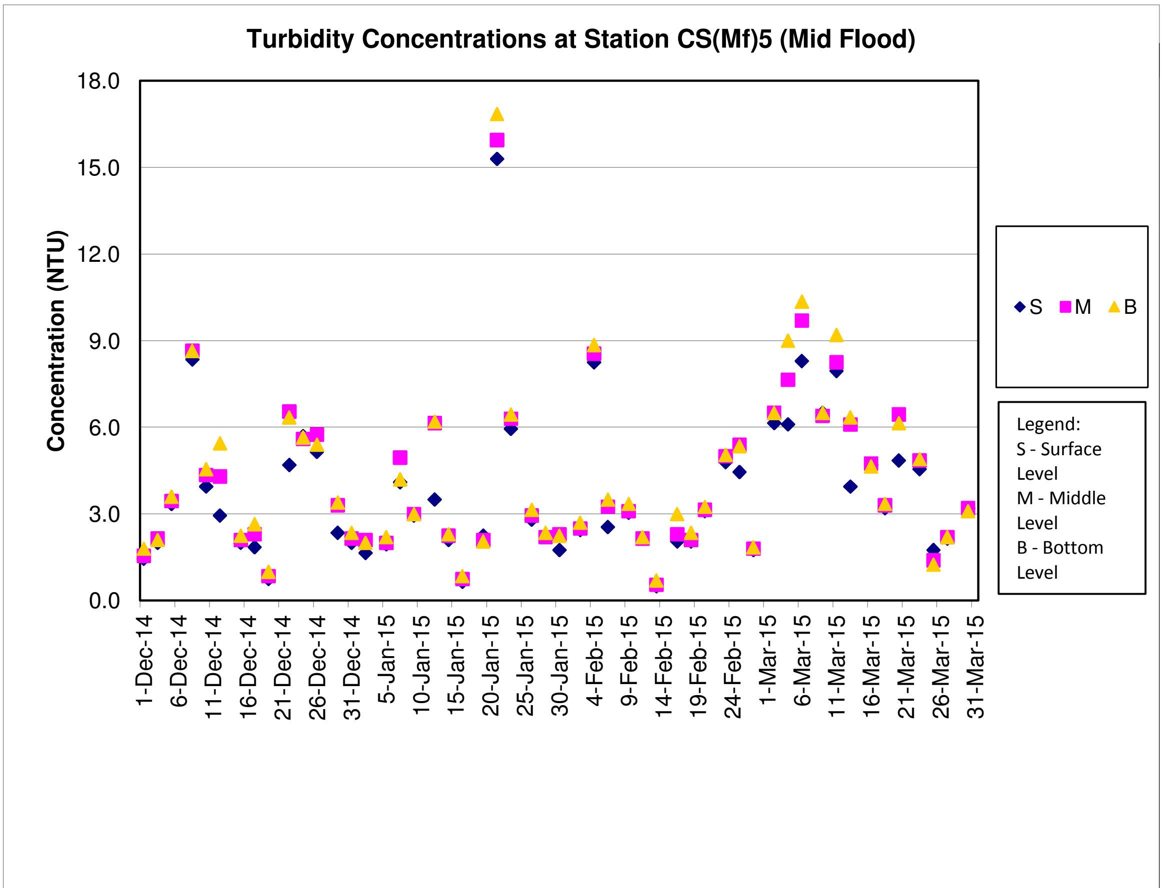


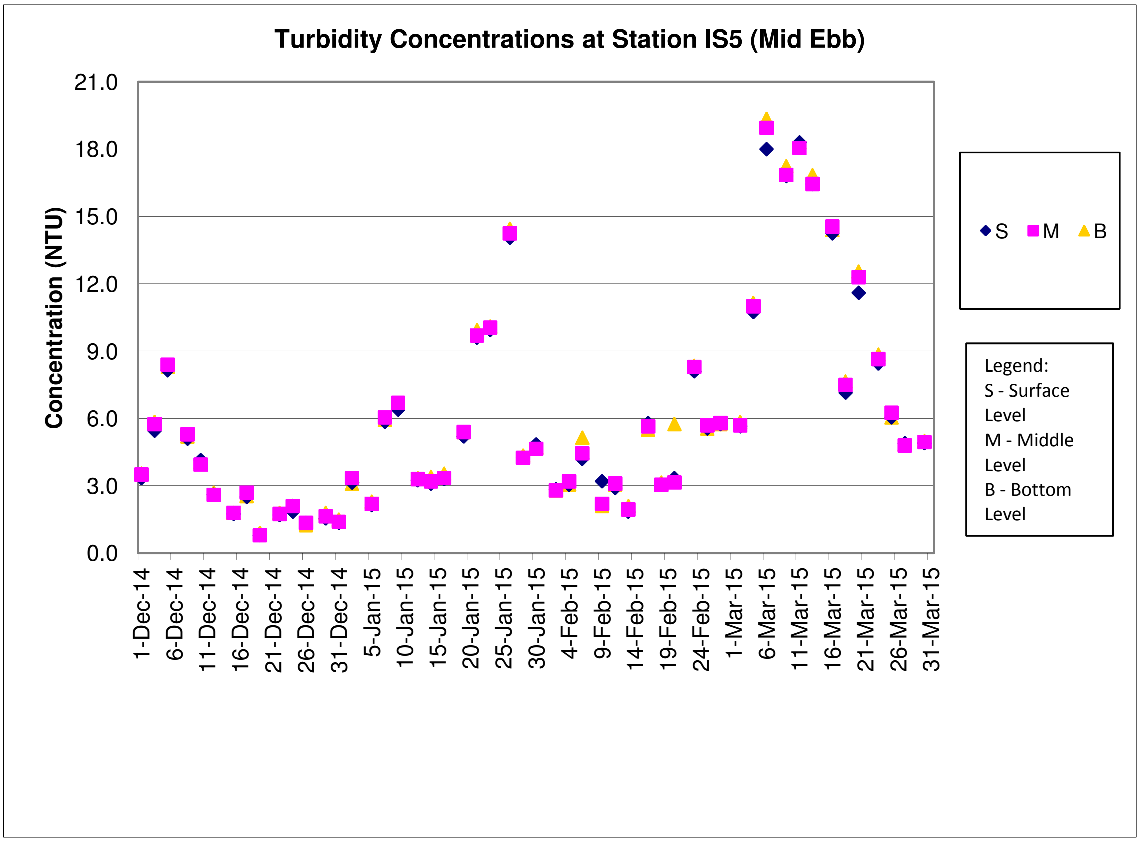
Turbidity Concentrations at Station CS2 (Mid Ebb)
Concentration (NTU)
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15
6-Mar-15
11-Mar-15
16-Mar-15
21-Mar-15
26-Mar-15
31-Mar-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

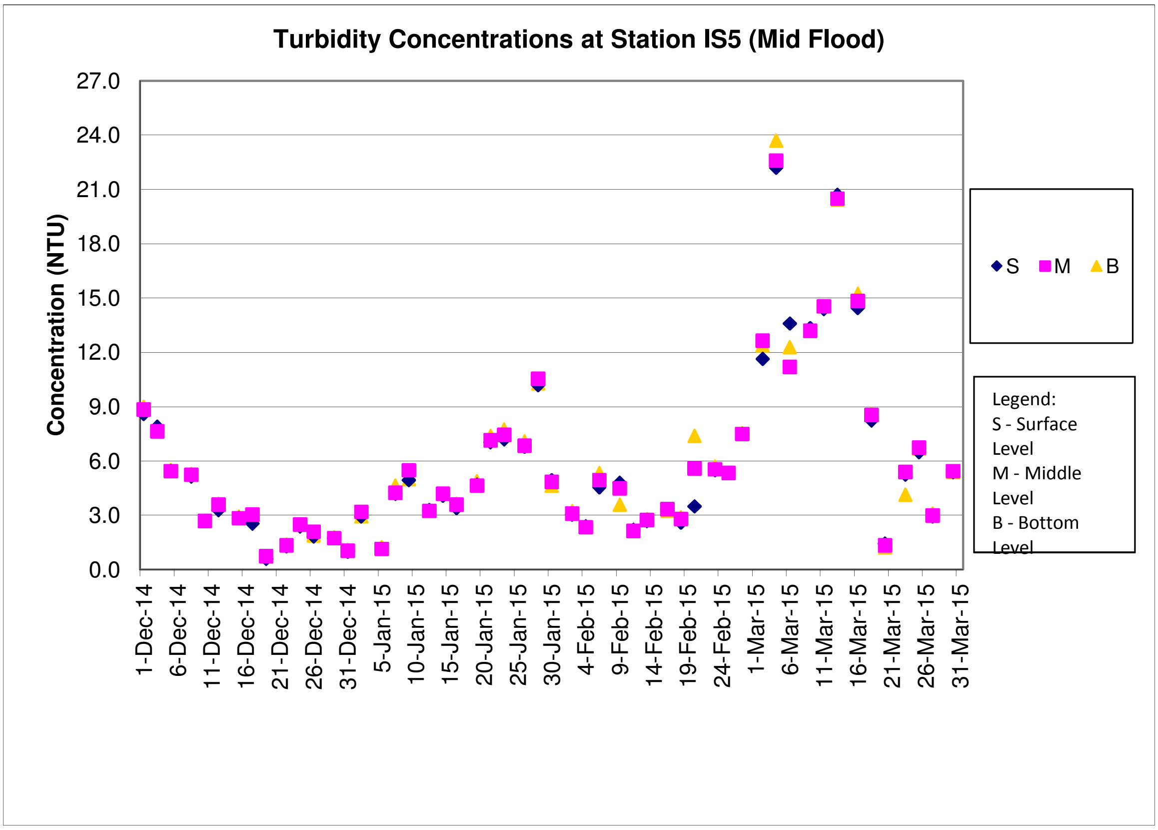


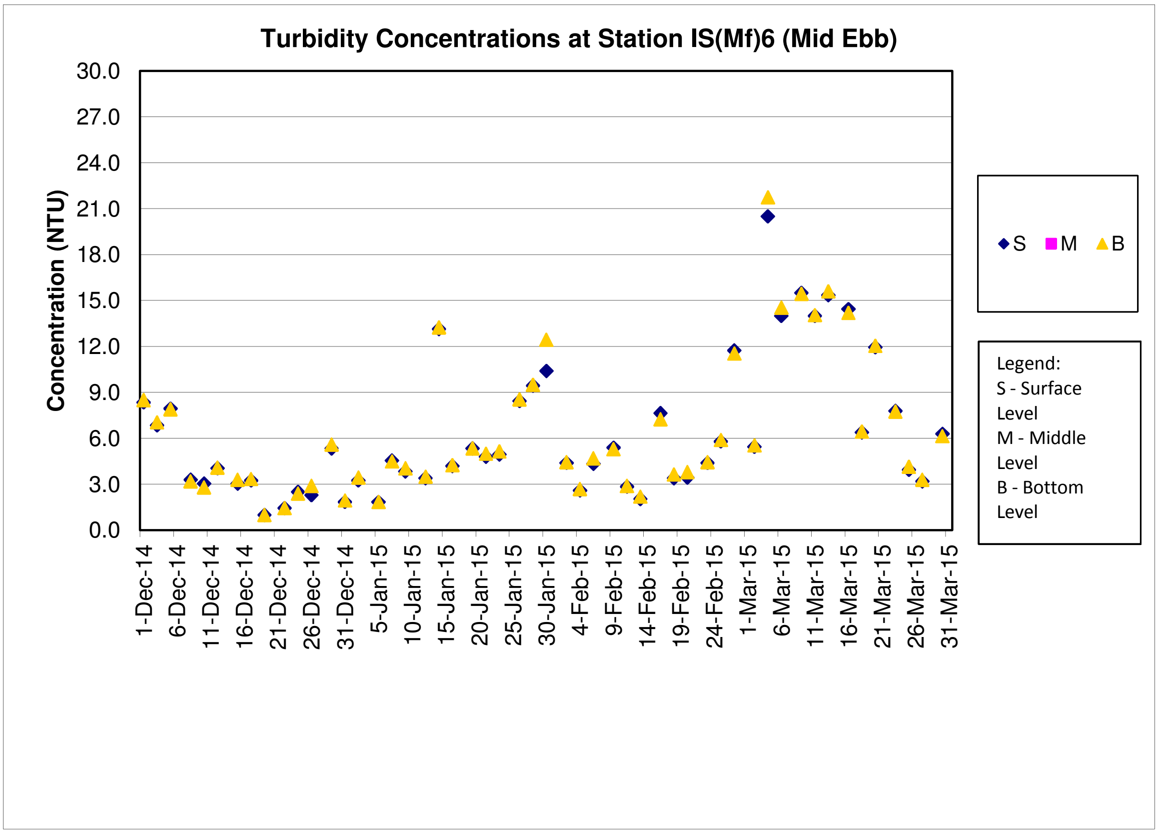
Turbidity Concentrations at Station CS2 (Mid Flood)
Concentration (NTU)
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15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

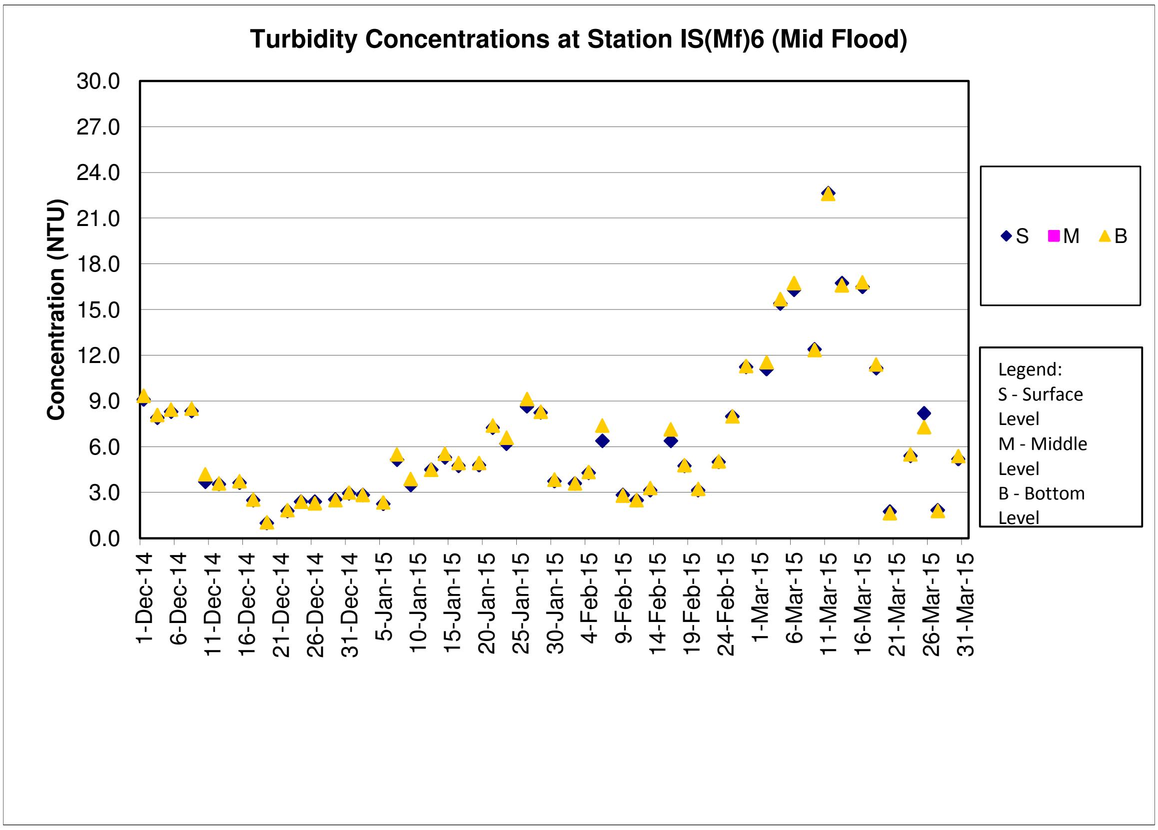

Turbidity Concentrations at Station CS(Mf)5 (Mid Ebb)
Concentration (NTU)
12.0
10.0
8.0
6.0
4.0
2.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15
6-Mar-15
11-Mar-15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

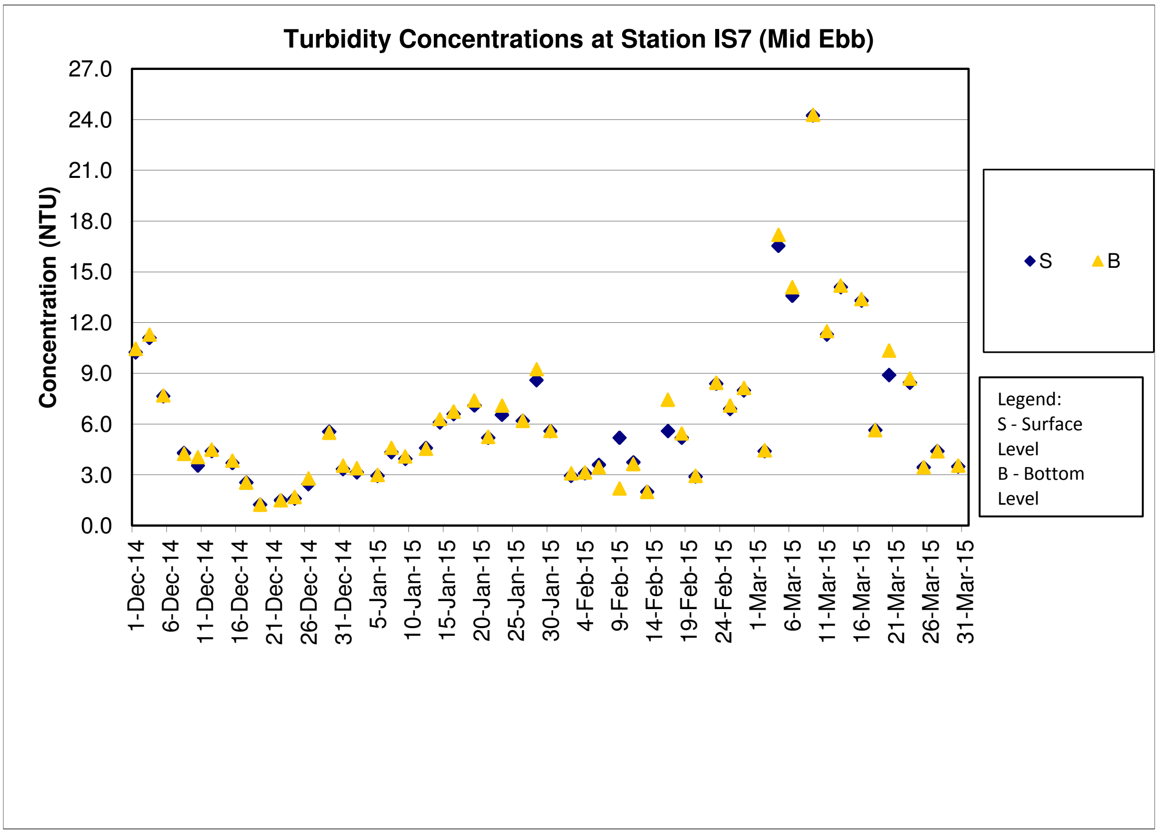

Turbidity Concentrations at Station CS(Mf)5 (Mid Flood)
Concentration (NTU)
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15
6-Mar-15
11-Mar-15
16-Mar-15
21-Mar-15
26-Mar-15
31-Mar-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

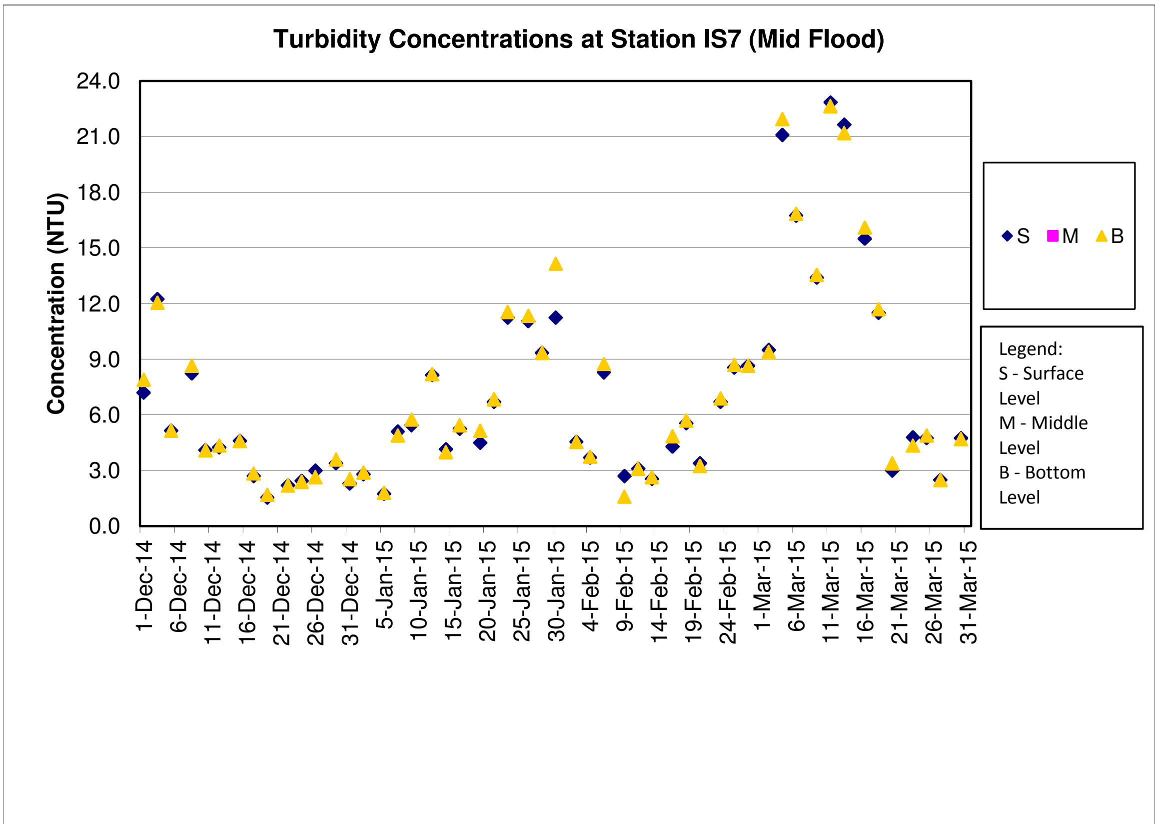

Turbidity Concentrations at Station IS5 (Mid Ebb)
Concentration (NTU)
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15
6-Mar-15
11-Mar-15
16-Mar-15
21-Mar-15
26-Mar-15
31-Mar-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

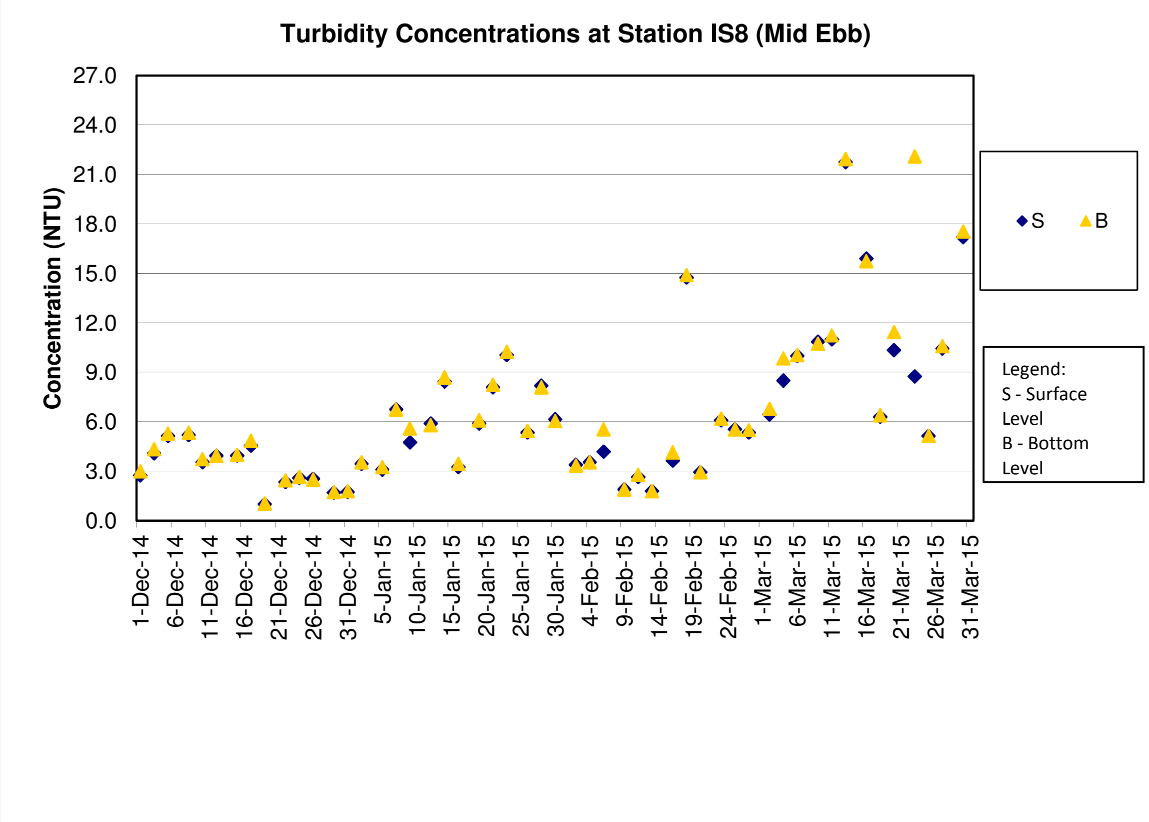

Turbidity Concentrations at Station IS5 (Mid Flood)
Concentration (NTU)
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15
6-Mar-15
11-Mar-15
16-Mar-15
21-Mar-15
26-Mar-15
31-Mar-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


Turbidity Concentrations at Station IS(Mf)6 (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-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15
6-Mar-15
11-Mar-15
16-Mar-15
21-Mar-15
26-Mar-15
31-Mar-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

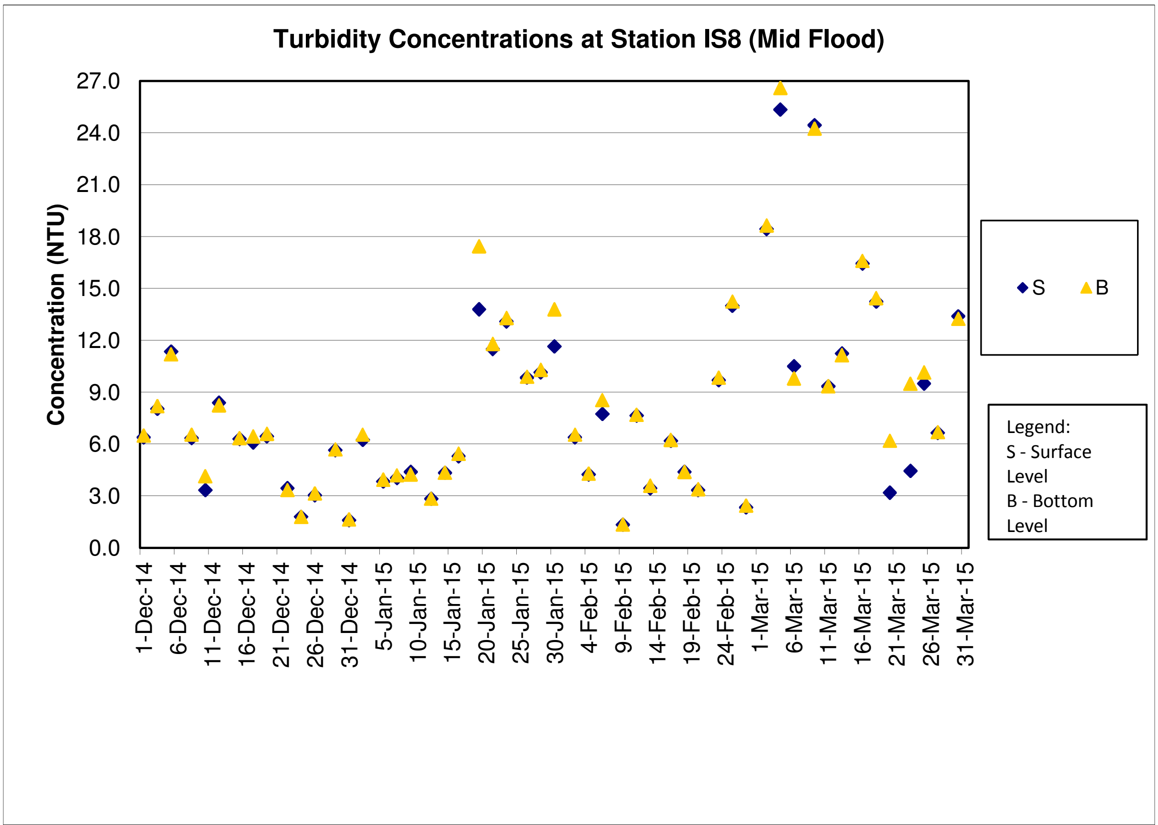

Turbidity Concentrations at Station IS(Mf)6 (Mid Flood)
Concentration (NTU)
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15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


Turbidity Concentrations at Station IS7 (Mid Ebb)
Concentration (NTU)
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15
6-Mar-15
11-Mar-15
16-Mar-15
21-Mar-15
26-Mar-15
31-Mar-15
S
B
Legend:
S - Surface Level
B - Bottom Level

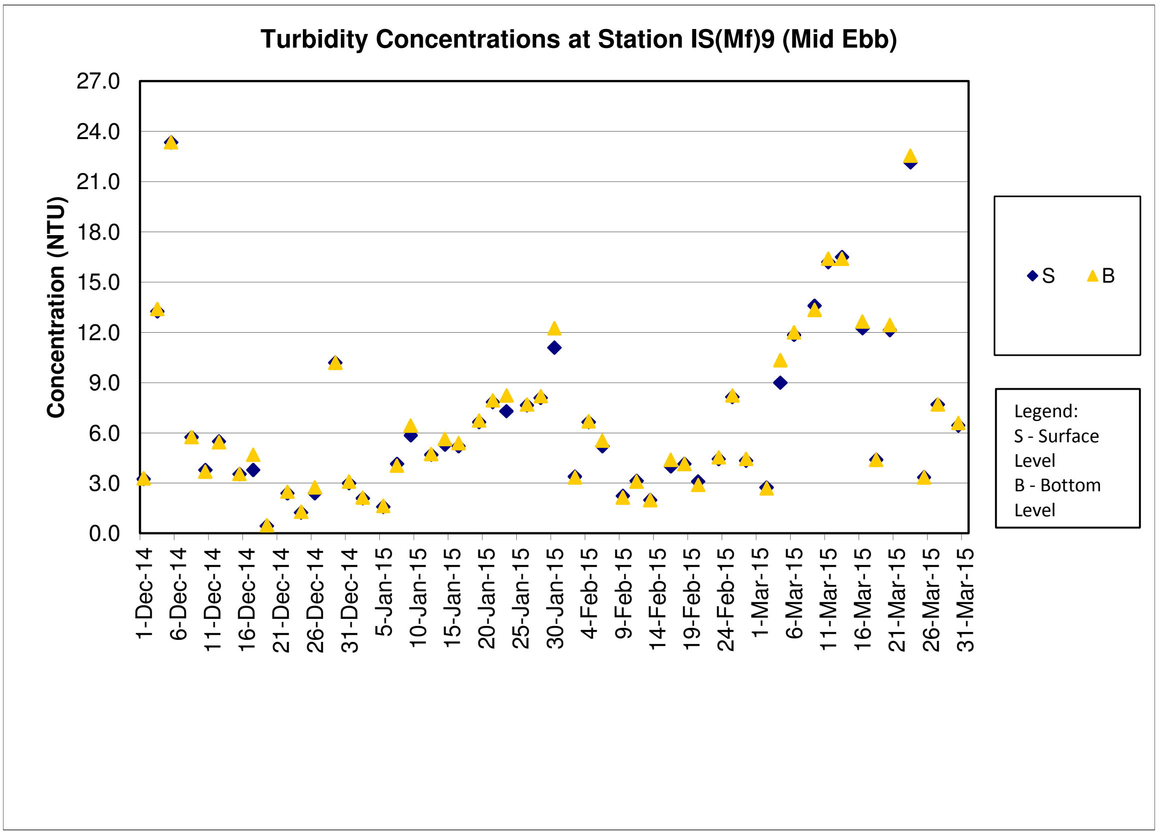

Turbidity Concentrations at Station IS7 (Mid Flood)
Concentration (NTU)
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15
6-Mar-15
11-Mar-15
16-Mar-15
21-Mar-15
26-Mar-15
31-Mar-15
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level



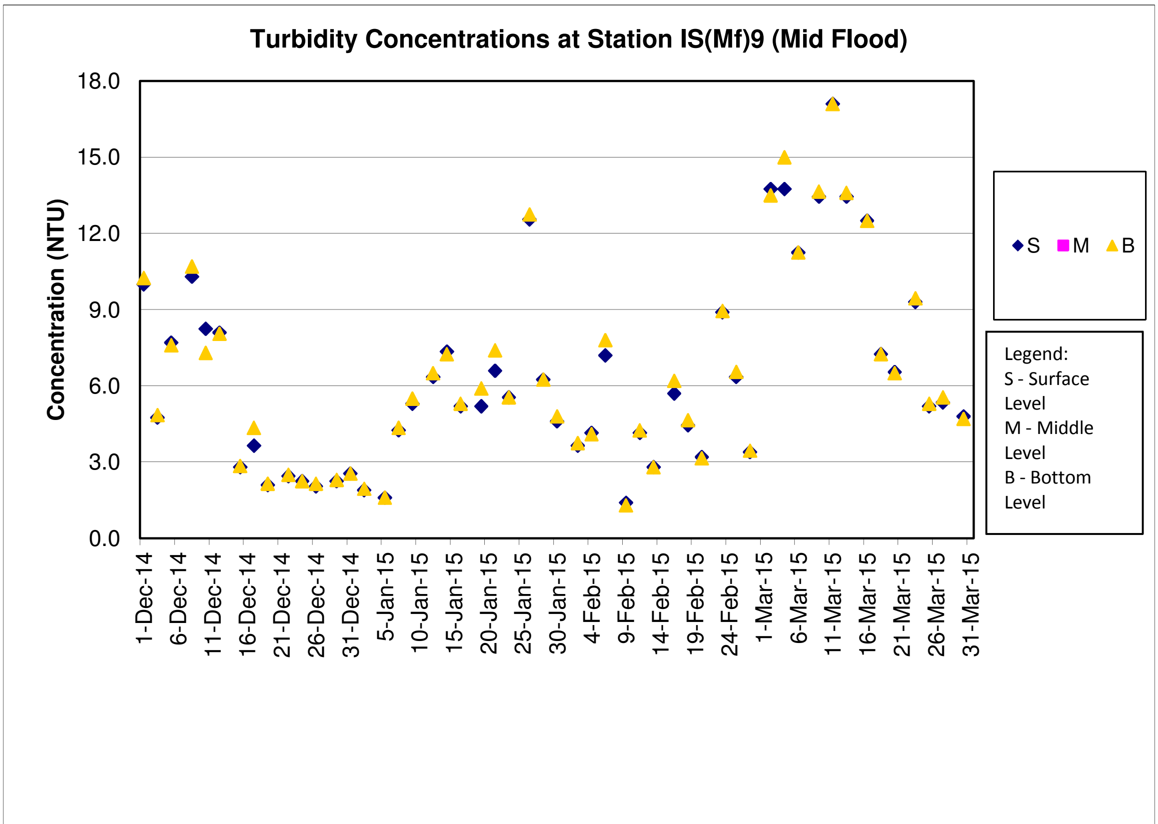
Turbidity Concentrations at Station IS8 (Mid Ebb)
Concentration (NTU)
S
B
Legend:
S - Surface Level
B - Bottom Level



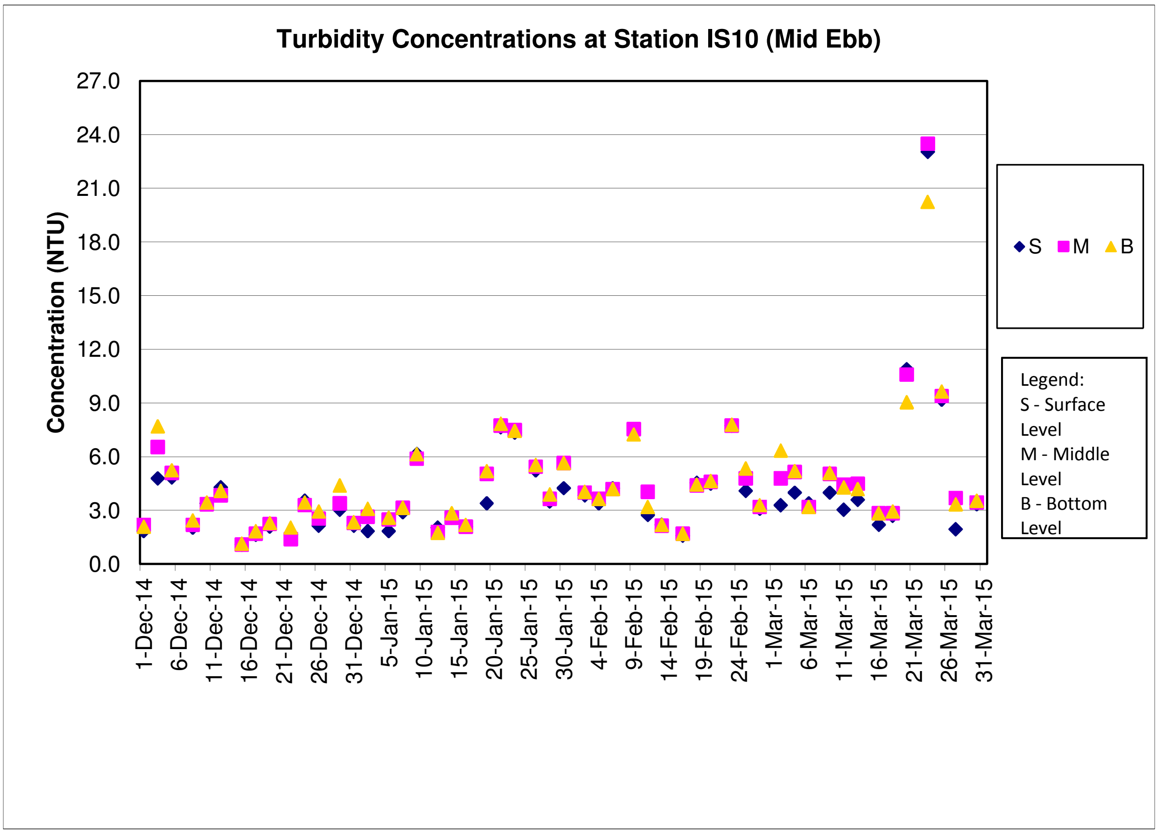
Turbidity Concentrations at Station IS8 (Mid Flood)
Concentration (NTU)
S
B
Legend:
S - Surface Level
B - Bottom Level

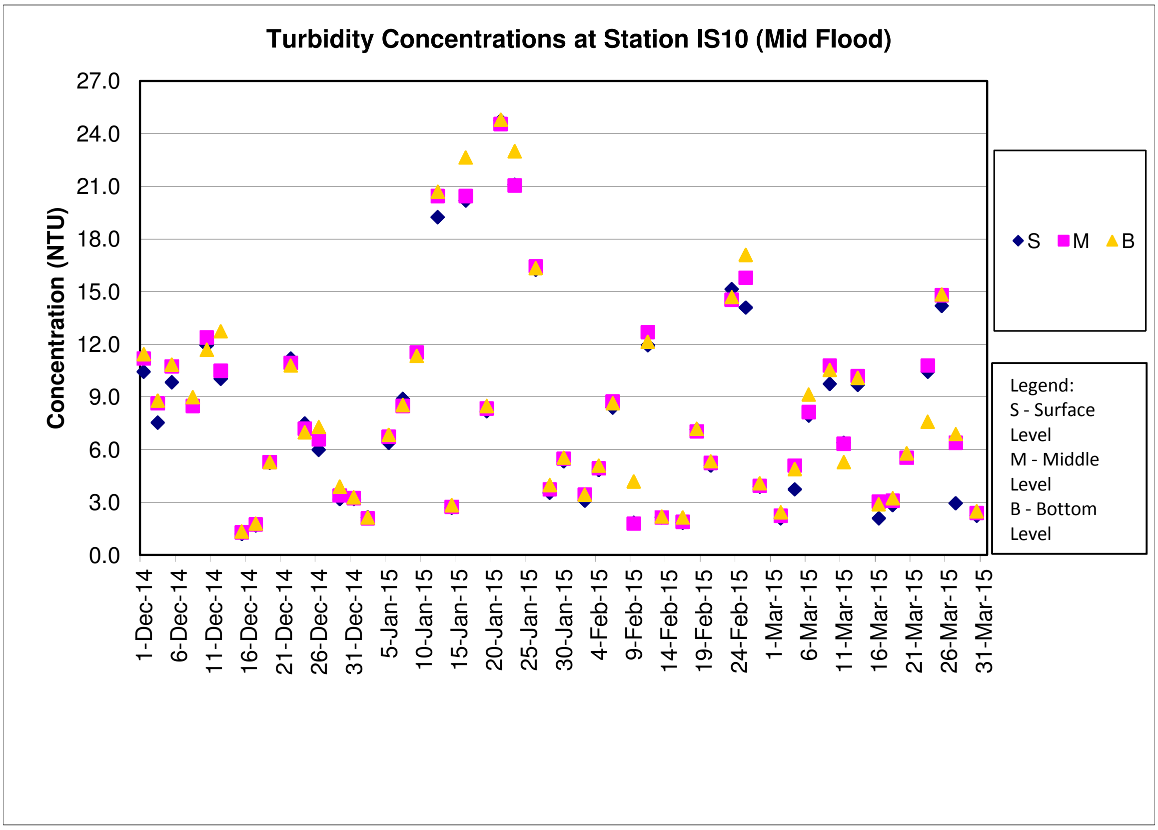


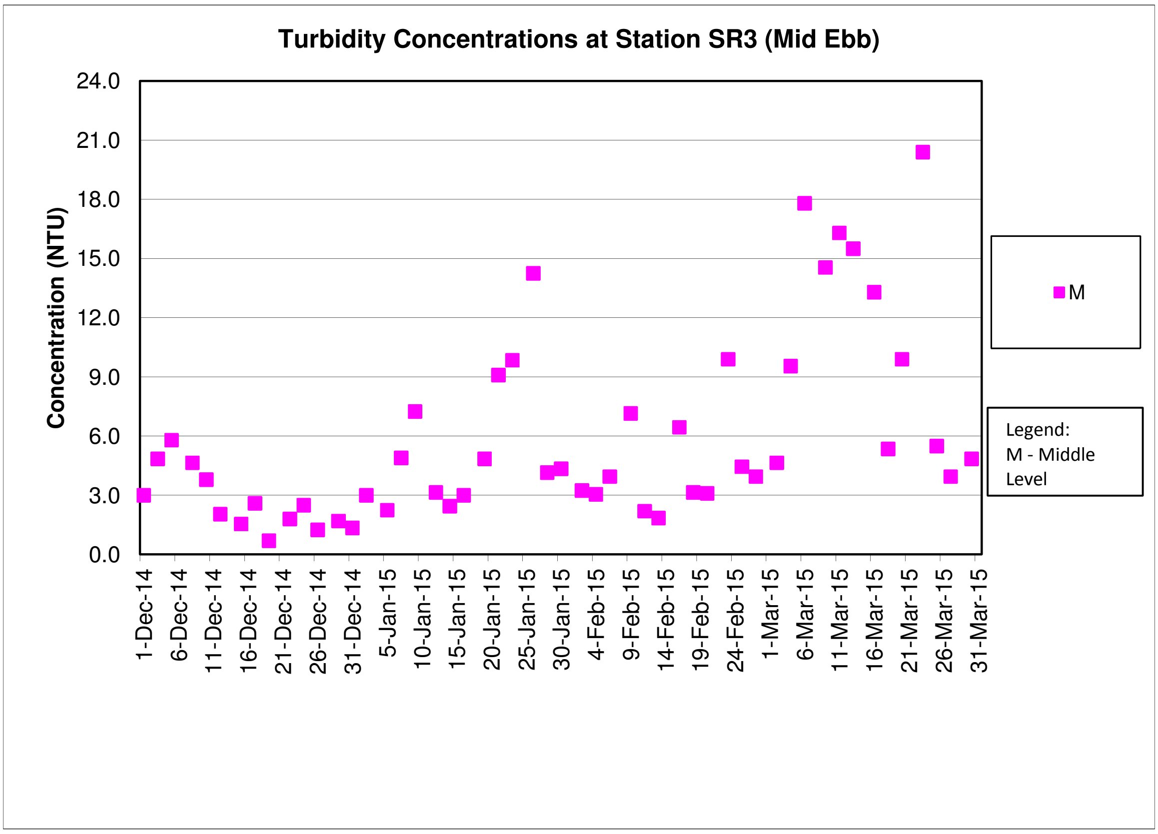
Turbidity Concentrations at Station IS(Mf)9 (Mid Ebb)
Concentration (NTU)
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15
6-Mar-15
11-Mar-15
16-Mar-15
21-Mar-15
26-Mar-15
31-Mar-15
S
B
Legend:
S - Surface Level
B - Bottom Level



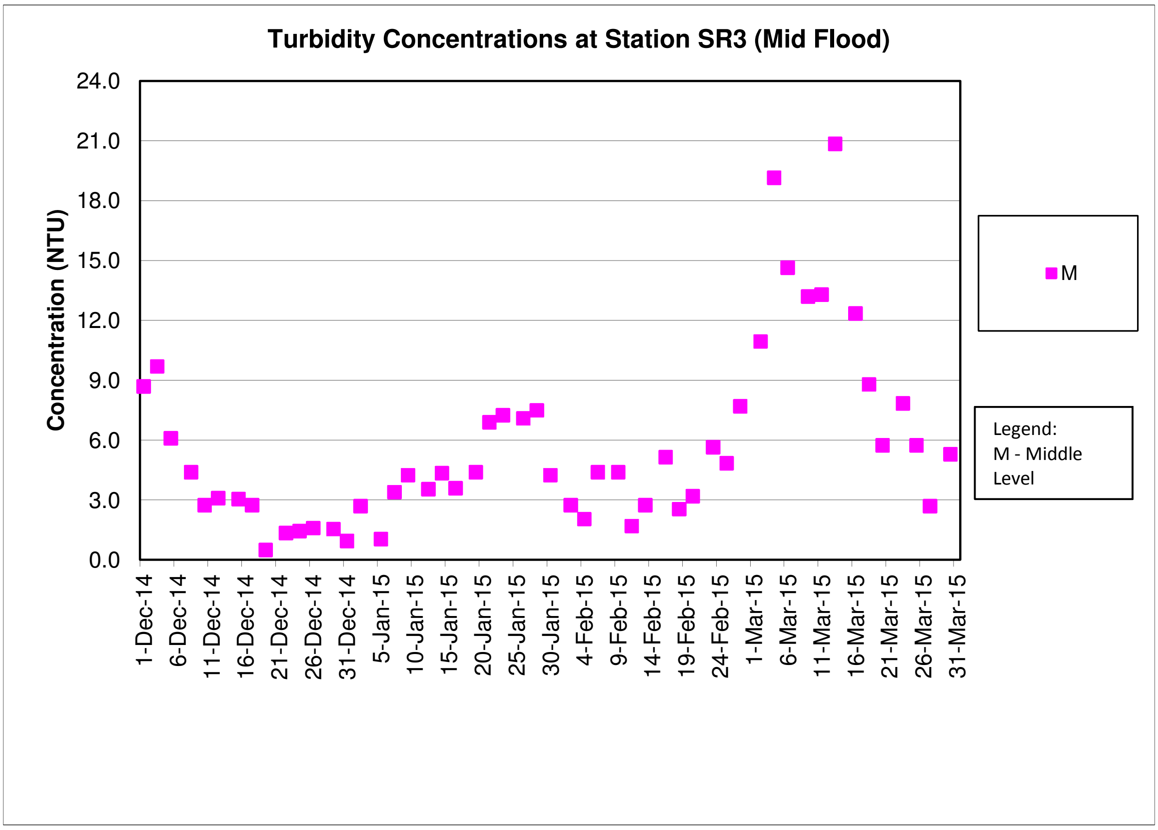
Turbidity Concentrations at Station IS(Mf)9 (Mid Flood)
Concentration (NTU)
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15
6-Mar-15
11-Mar-15
16-Mar-15
21-Mar-15
26-Mar-15
31-Mar-15
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


Turbidity Concentrations at Station IS10 (Mid Ebb)
Concentration (NTU)
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15
6-Mar-15
11-Mar-15
16-Mar-15
21-Mar-15
26-Mar-15
31-Mar-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

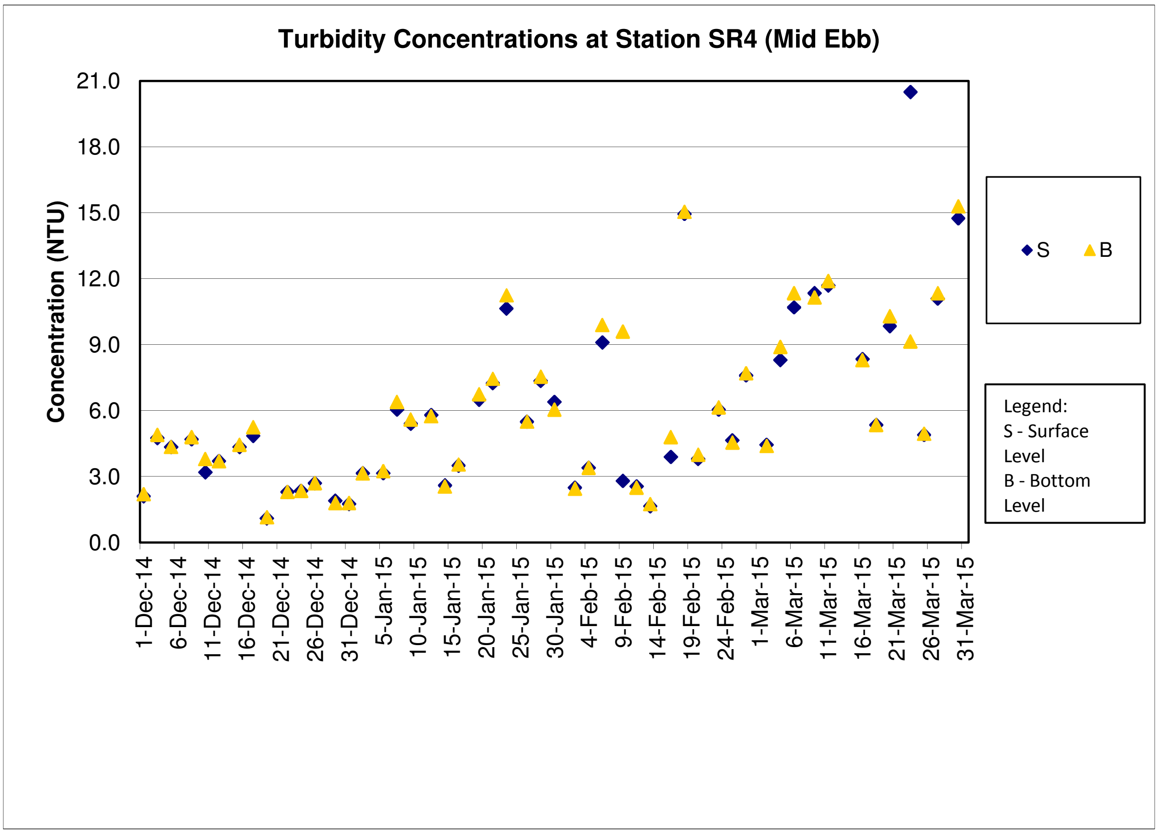

Turbidity Concentrations at Station IS10 (Mid Flood)
Concentration (NTU)
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15
6-Mar-15
11-Mar-15
16-Mar-15
21-Mar-15
26-Mar-15
31-Mar-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

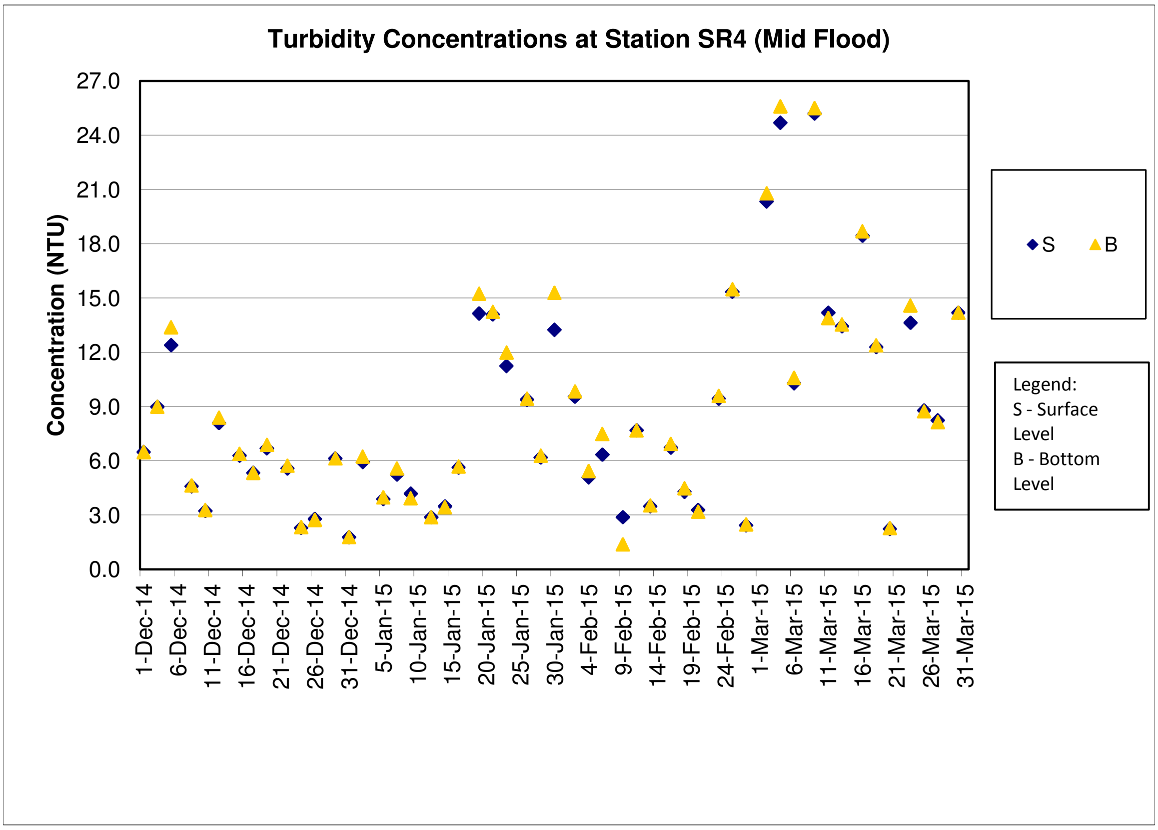


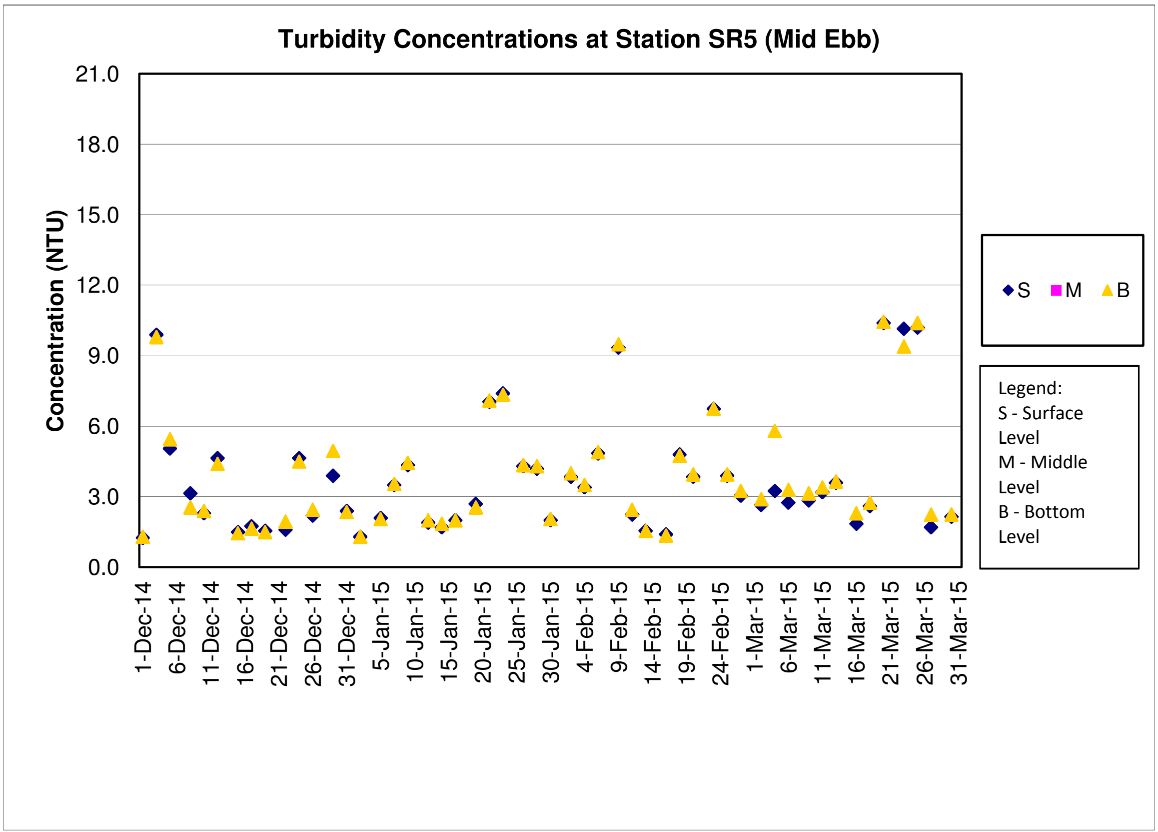
Turbidity Concentrations at Station SR3 (Mid Ebb)
Concentration (NTU)
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15
6-Mar-15
11-Mar-15
16-Mar-15
21-Mar-15
26-Mar-15
31-Mar-15
M
Legend:
M - Middle Level

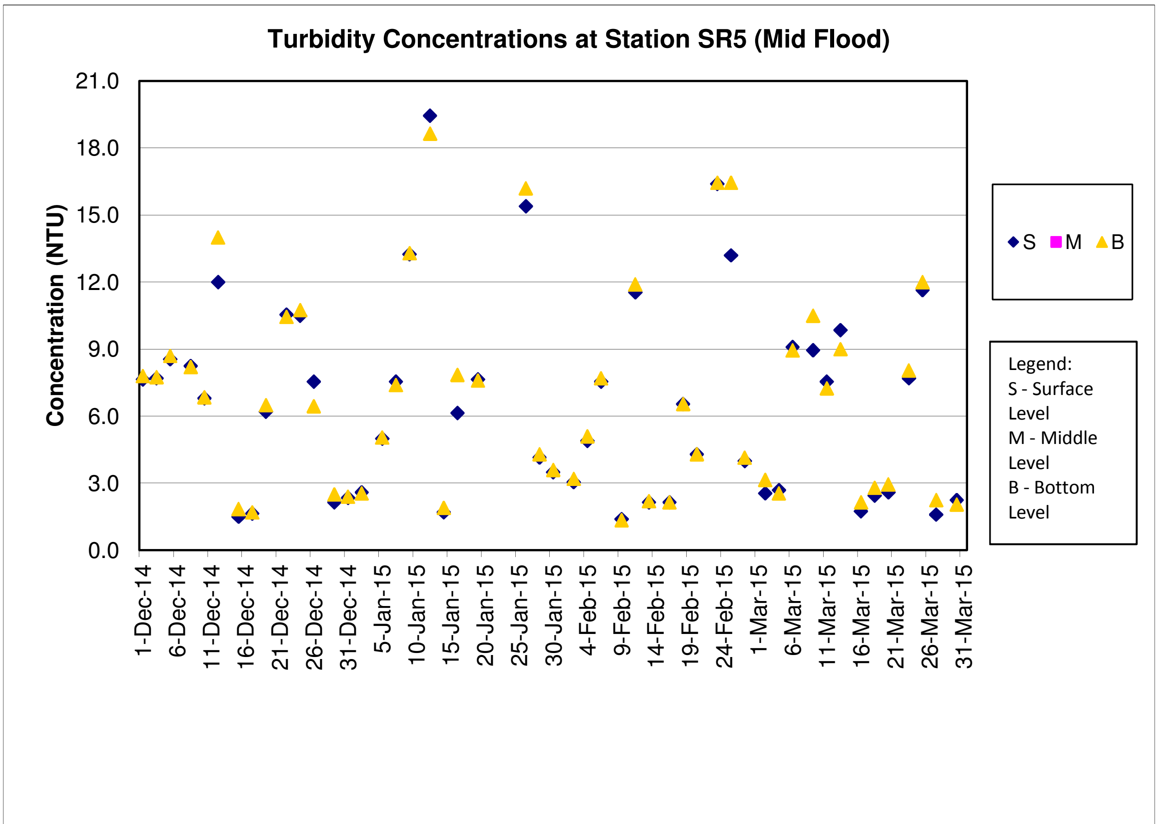


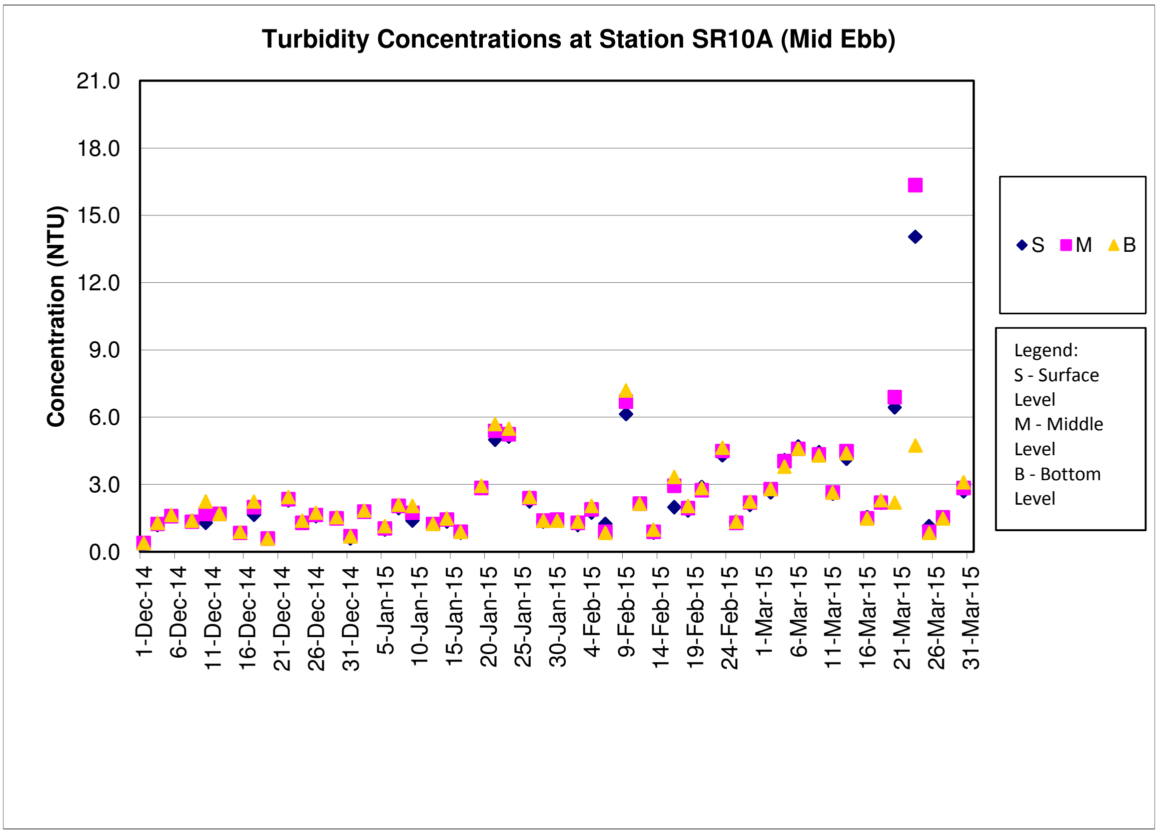
Turbidity Concentrations at Station SR3 (Mid Flood)
Concentration (NTU)
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15
6-Mar-15
11-Mar-15
16-Mar-15
21-Mar-15
26-Mar-15
31-Mar-15
M
Legend:
M - Middle Level

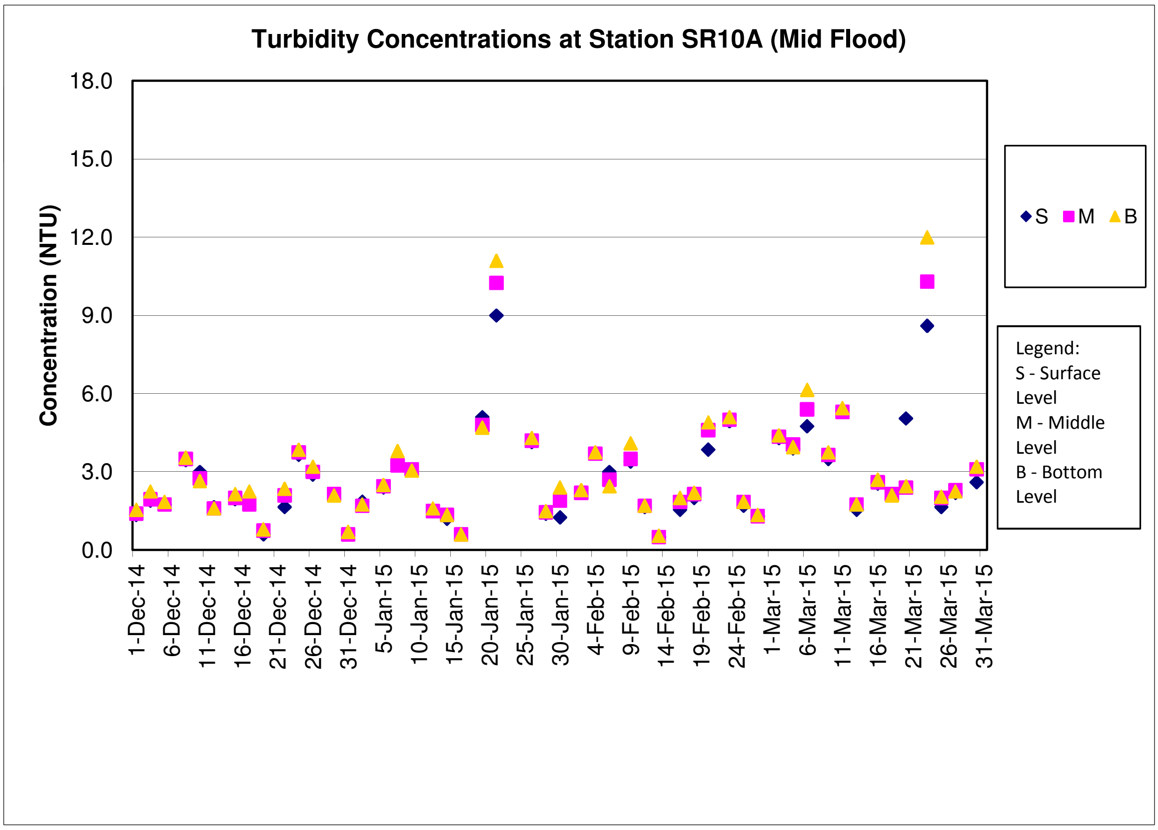

Turbidity Concentrations at Station SR4 (Mid Ebb)
Concentration (NTU)
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15
6-Mar-15
11-Mar-15
16-Mar-15
21-Mar-15
26-Mar-15
31-Mar-15
S
B
Legend:
S - Surface Level
B - Bottom Level

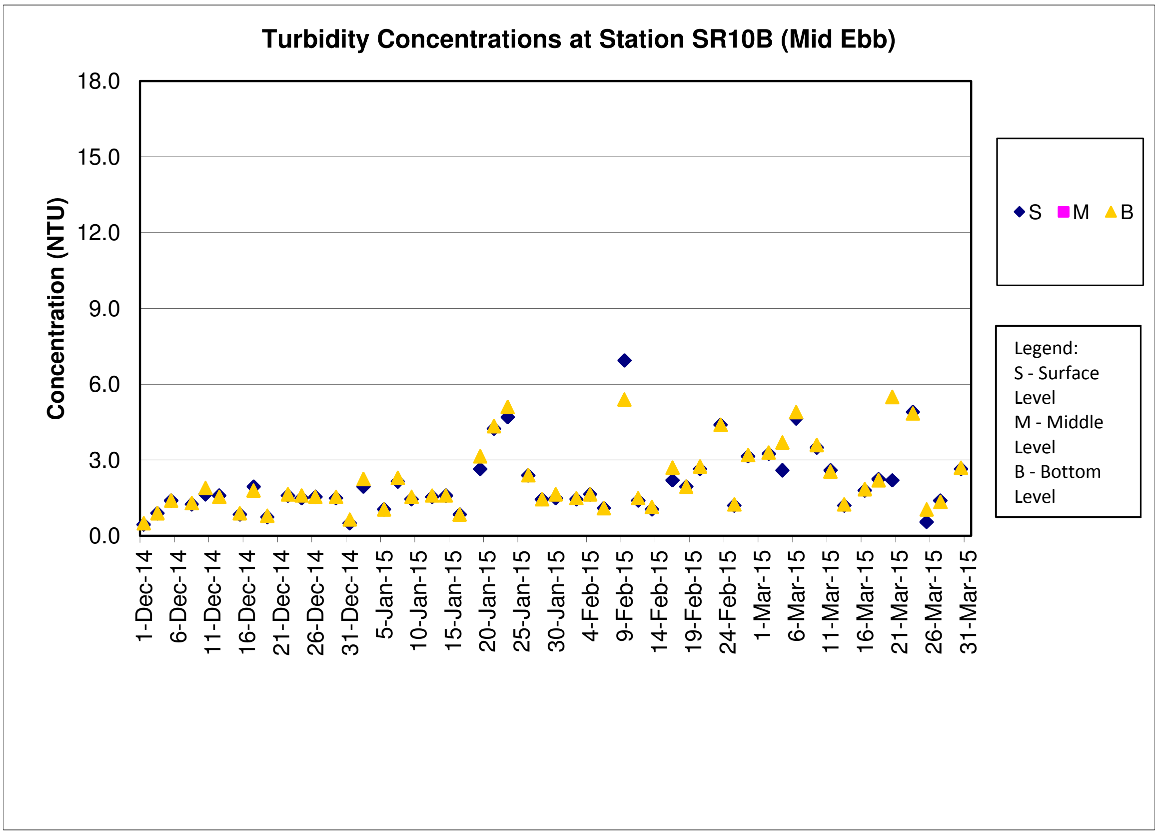

Turbidity Concentrations at Station SR4 (Mid Flood)
Concentration (NTU)
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15
6-Mar-15
11-Mar-15
16-Mar-15
21-Mar-15
26-Mar-15
31-Mar-15
S
B
Legend:
S - Surface Level
B - Bottom Level

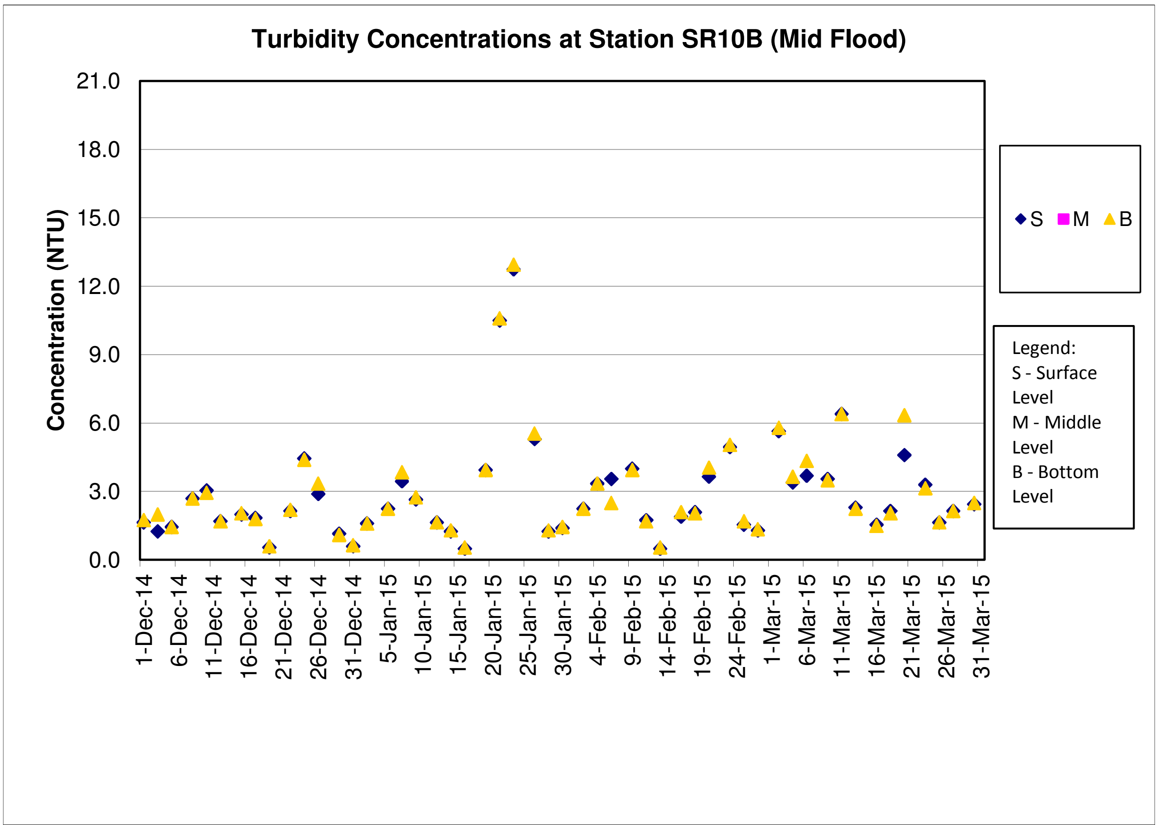

Turbidity Concentrations at Station SR5 (Mid Ebb)
Concentration (NTU)
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15
6-Mar-15
11-Mar-15
16-Mar-15
21-Mar-15
26-Mar-15
31-Mar-15
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

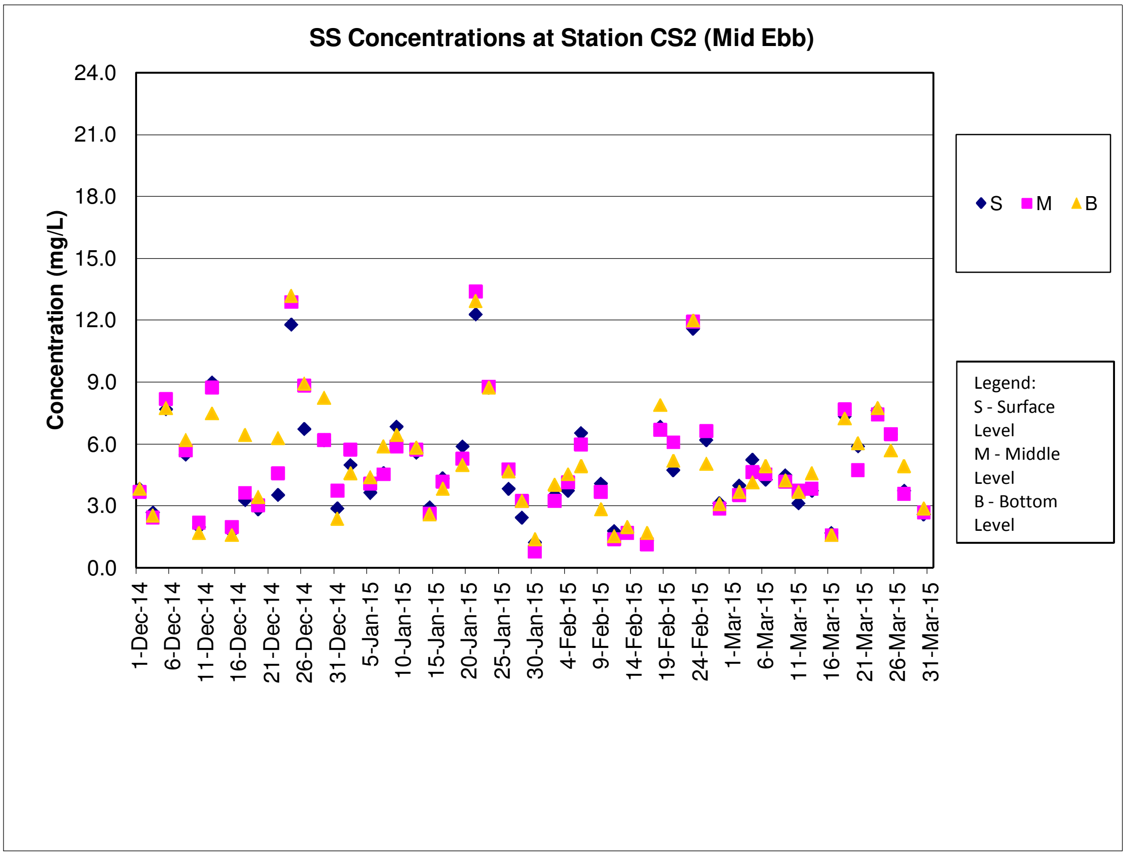

Turbidity Concentrations at Station SR5 (Mid Flood)
Concentration (NTU)
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15
6-Mar-15
11-Mar-15
16-Mar-15
21-Mar-15
26-Mar-15
31-Mar-15
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

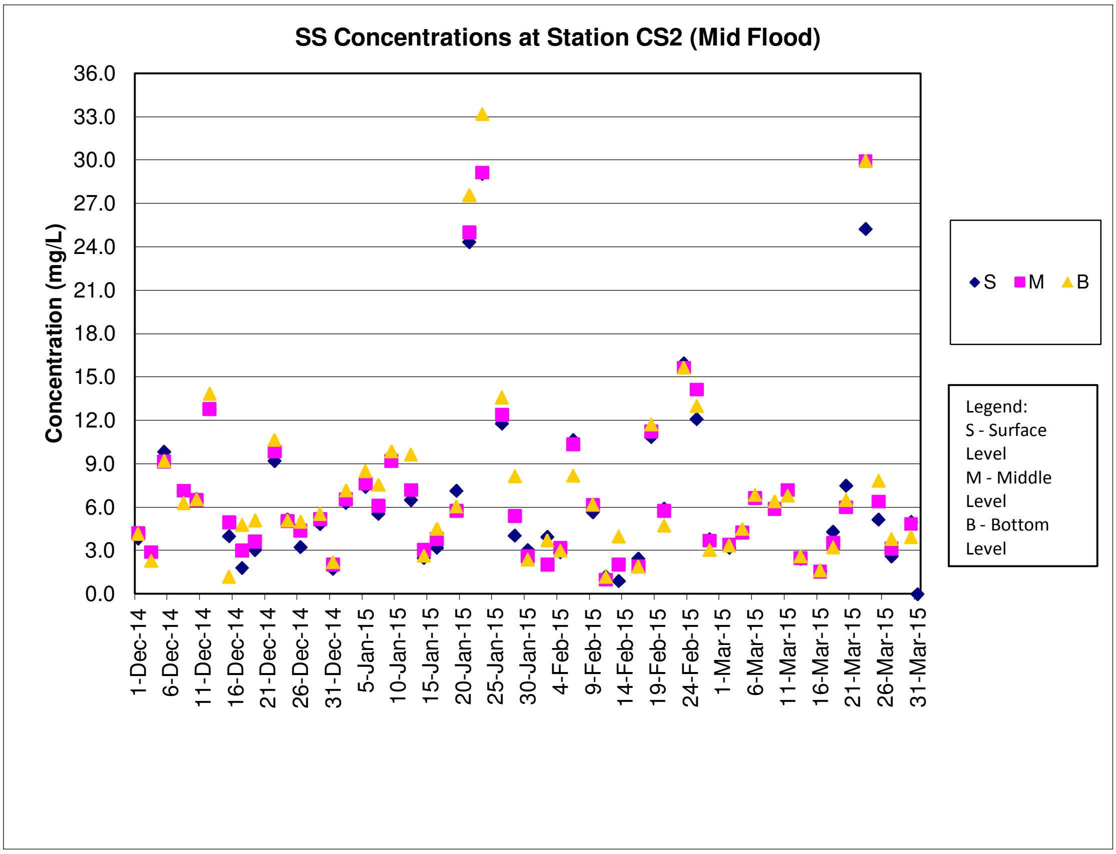

Turbidity Concentrations at Station SR10A (Mid Ebb)
Concentration (NTU)
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15
6-Mar-15
11-Mar-15
16-Mar-15
21-Mar-15
26-Mar-15
31-Mar-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

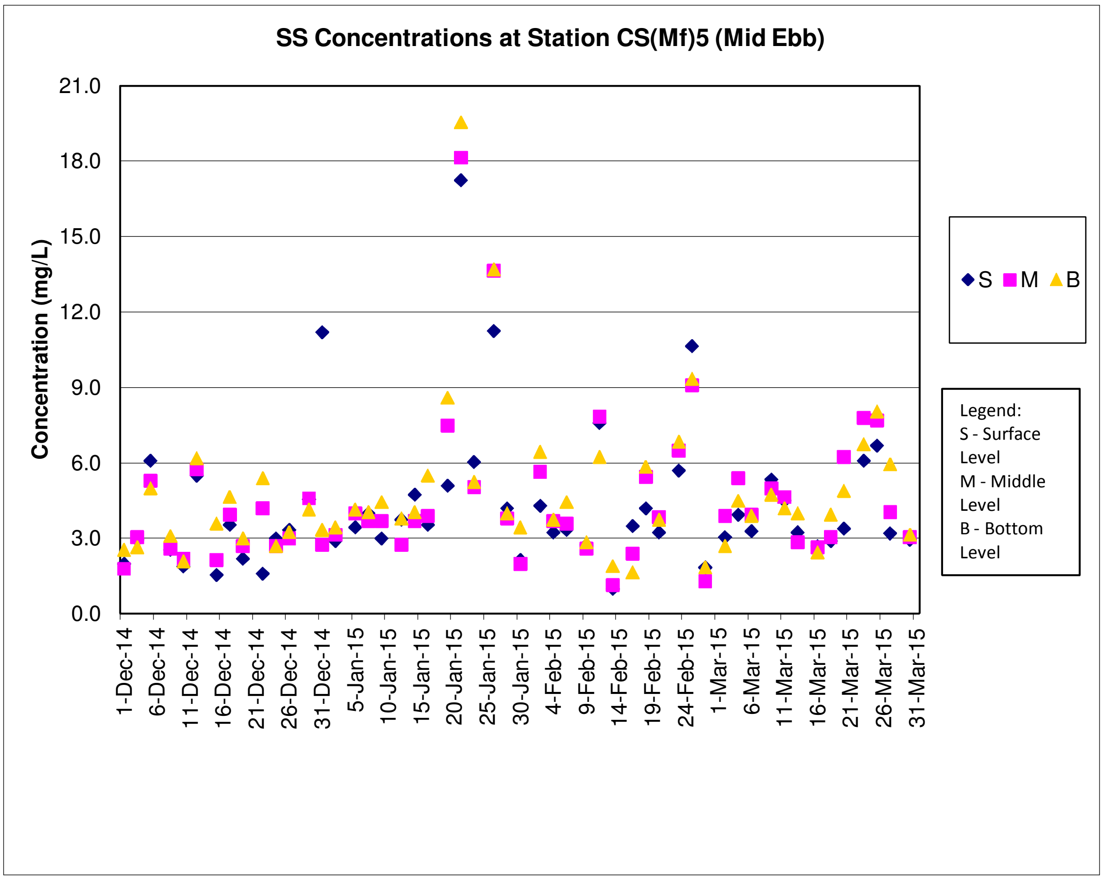

Turbidity Concentrations at Station SR10A (Mid Flood)
Concentration (NTU)
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15
6-Mar-15
11-Mar-15
16-Mar-15
21-Mar-15
26-Mar-15
31-Mar-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

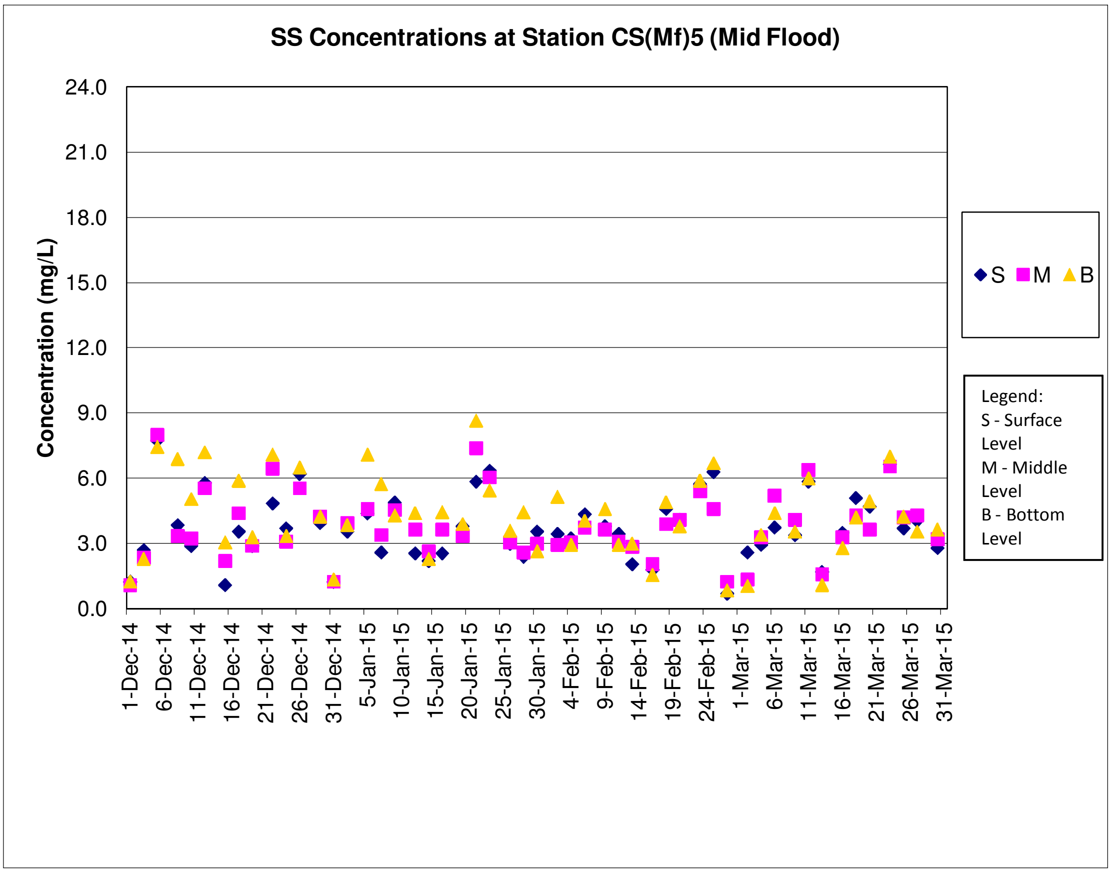

Turbidity Concentrations at Station SR10B (Mid Ebb)
Concentration (NTU)
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15
6-Mar-15
11-Mar-15
16-Mar-15
21-Mar-15
26-Mar-15
31-Mar-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

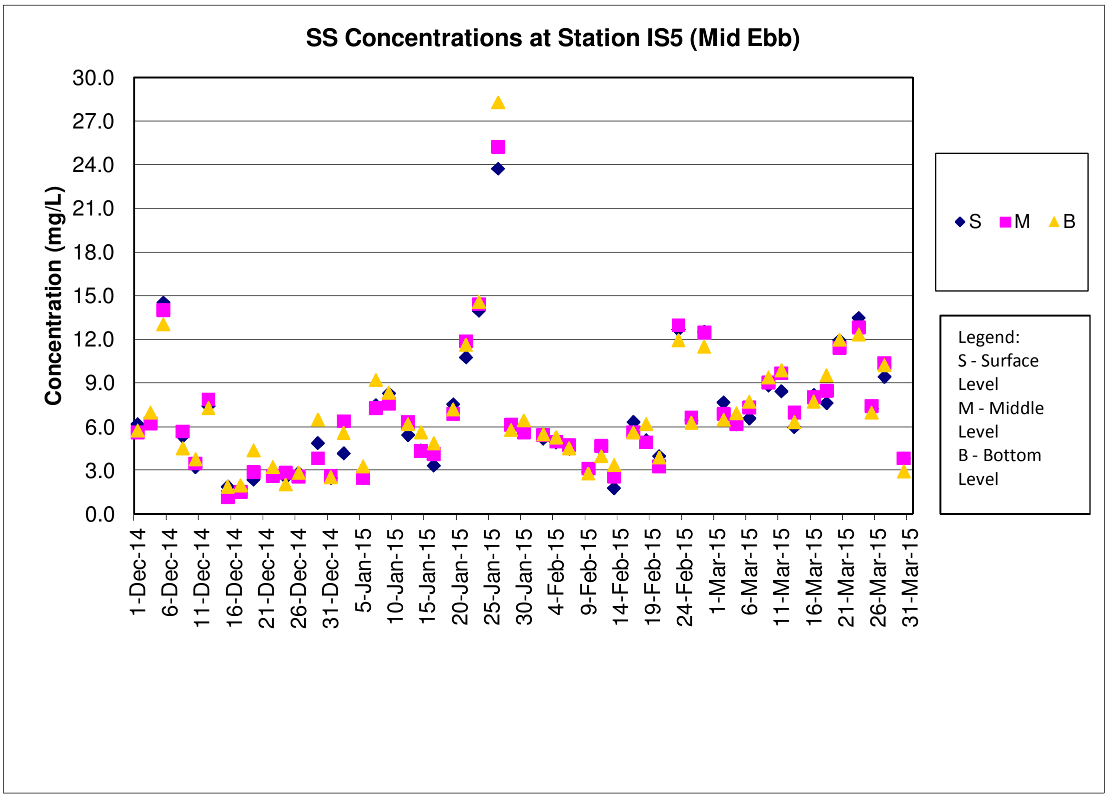

Turbidity Concentrations at Station SR10B (Mid Flood)
Concentration (NTU)
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15
6-Mar-15
11-Mar-15
16-Mar-15
21-Mar-15
26-Mar-15
31-Mar-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

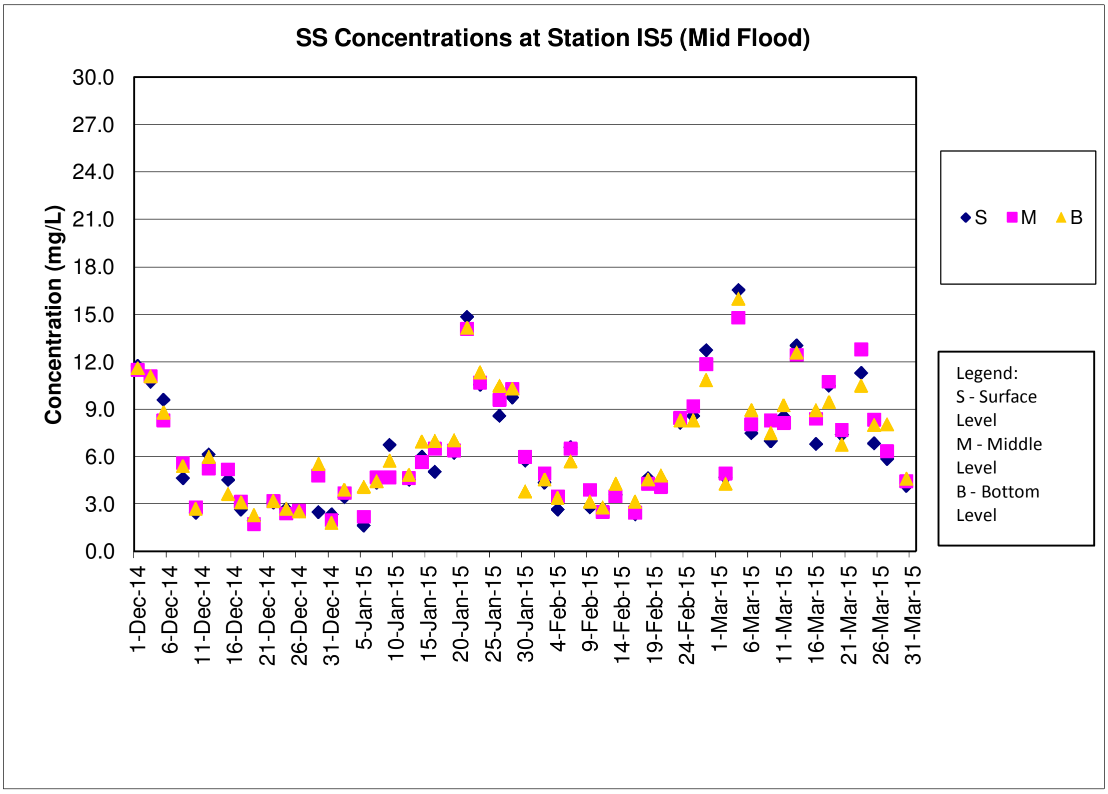

SS Concentrations at Station CS2 (Mid Ebb)
Concentration (mg/L)
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15
6-Mar-15
11-Mar-15
16-Mar-15
21-Mar-15
26-Mar-15
31-Mar-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

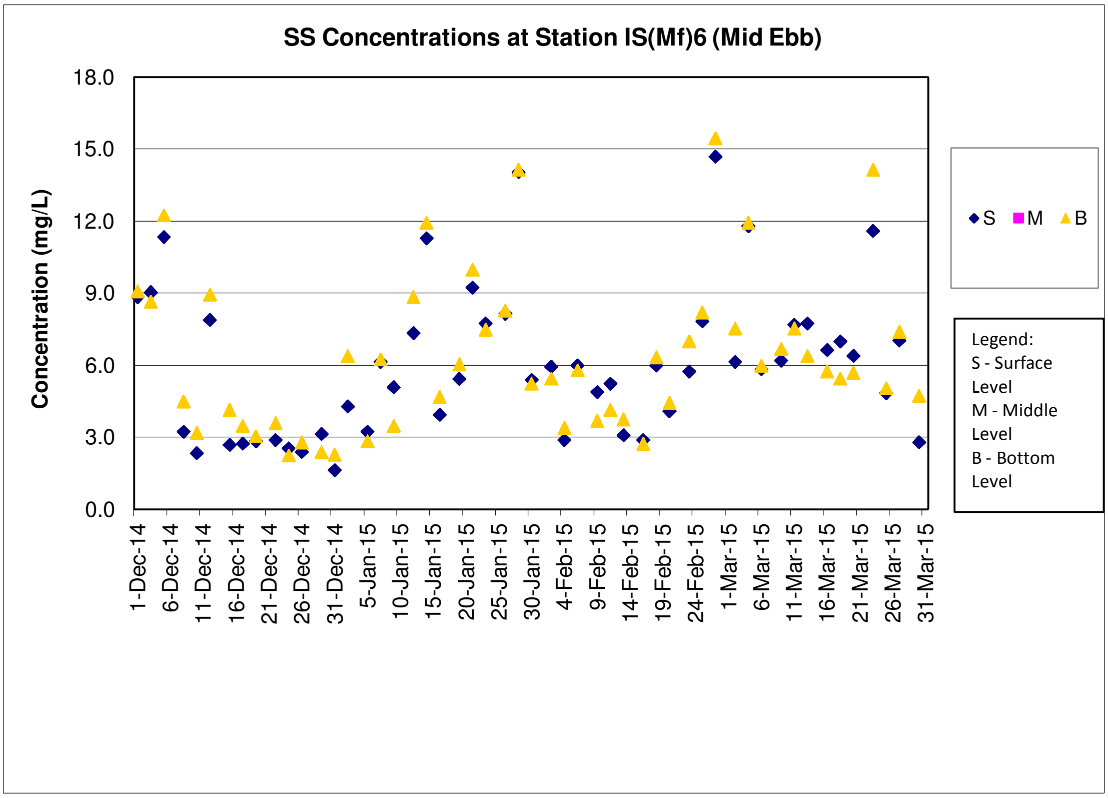

SS Concentrations at Station CS2 (Mid Flood)
Concentration (mg/L)
36.0
33.0
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15
6-Mar-15
11-Mar-15
16-Mar-15
21-Mar-15
26-Mar-15
31-Mar-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

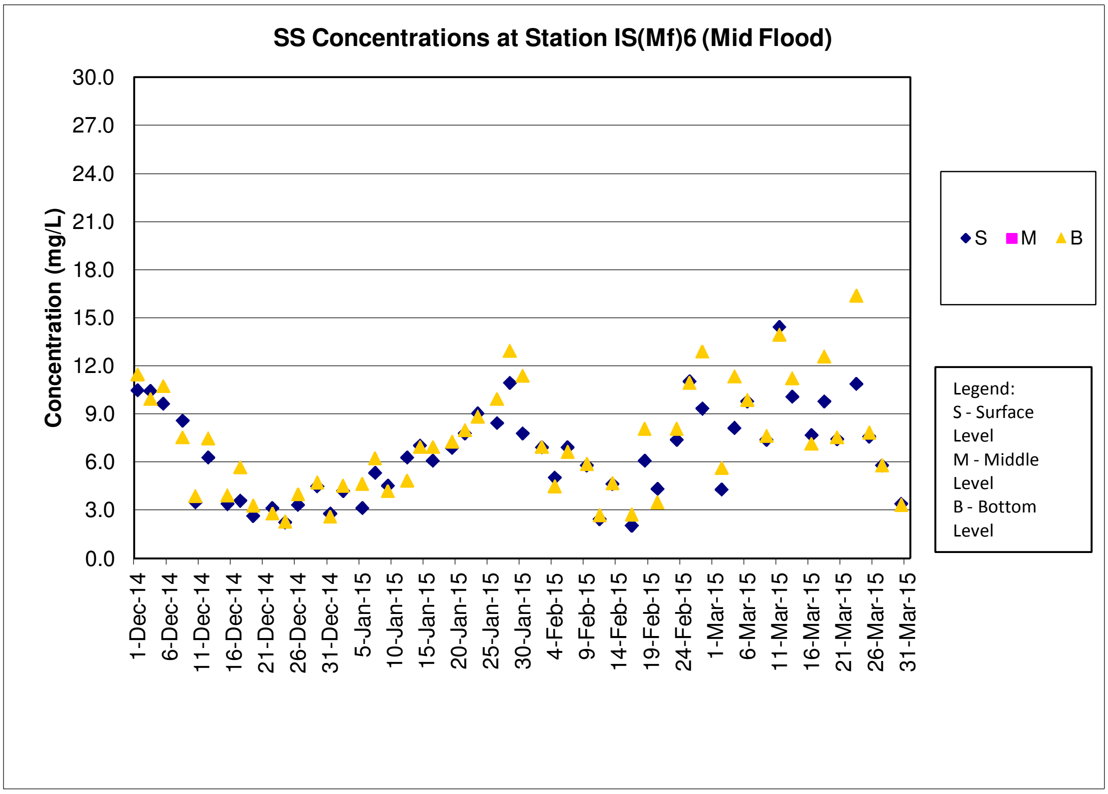

SS Concentrations at Station CS(Mf)5 (Mid Ebb)
Concentration (mg/L)
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15
6-Mar-15
11-Mar-15
16-Mar-15
21-Mar-15
26-Mar-15
31-Mar-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

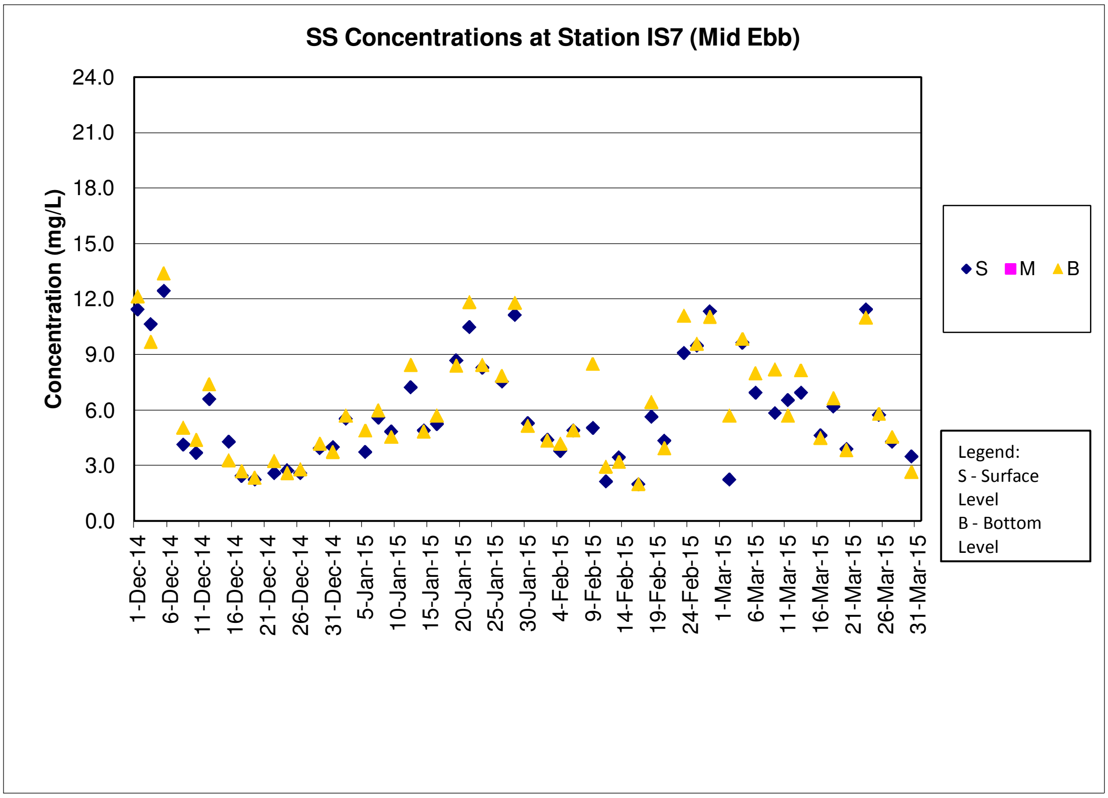

SS Concentrations at Station CS(Mf)5 (Mid Flood)
Concentration (mg/L)
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15
6-Mar-15
11-Mar-15
16-Mar-15
21-Mar-15
26-Mar-15
31-Mar-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

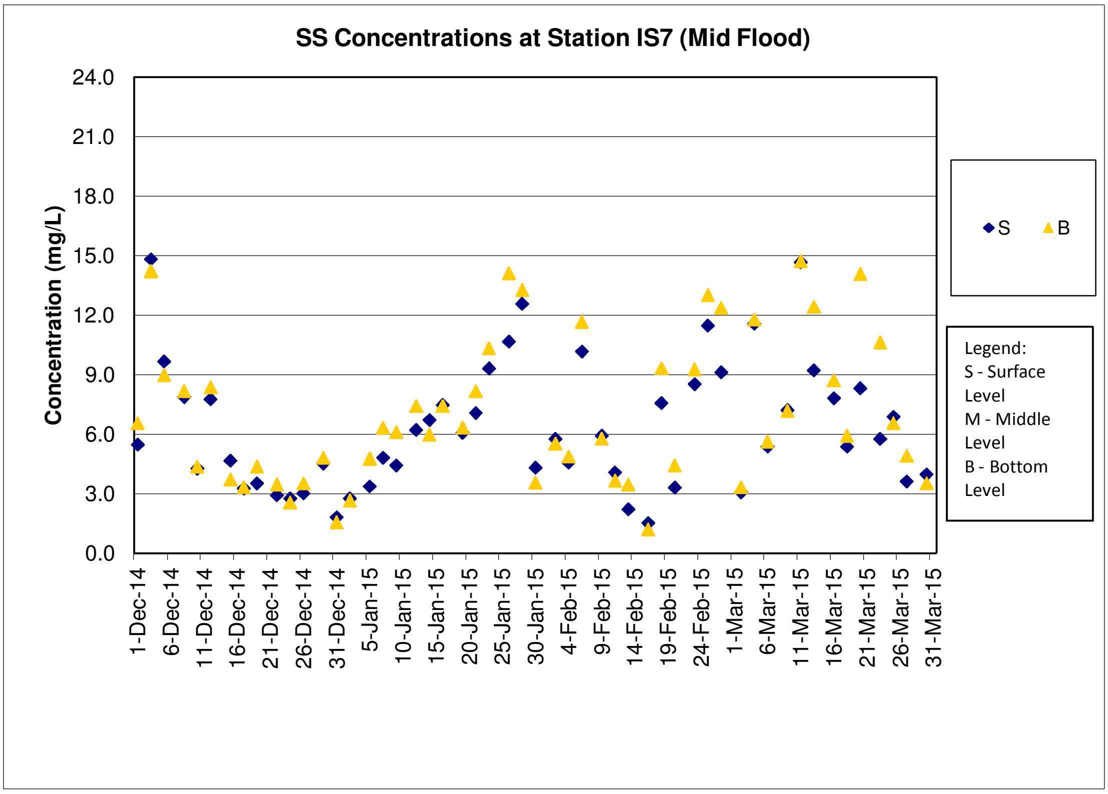

SS Concentrations at Station IS5 (Mid Ebb)
Concentration (mg/L)
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15
6-Mar-15
11-Mar-15
16-Mar-15
21-Mar-15
26-Mar-15
31-Mar-15
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

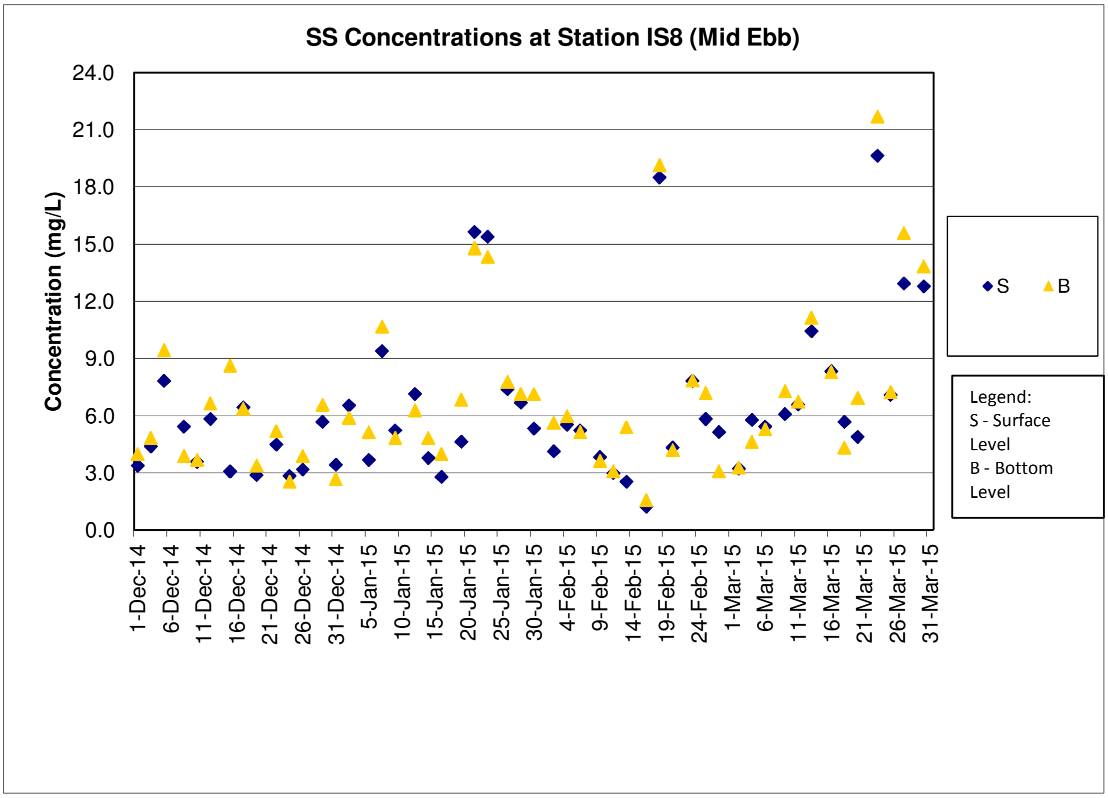

SS Concentrations at Station IS5 (Mid Flood)
Concentration (mg/L)
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15
6-Mar-15
11-Mar-15
16-Mar-15
21-Mar-15
26-Mar-15
31-Mar-15
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

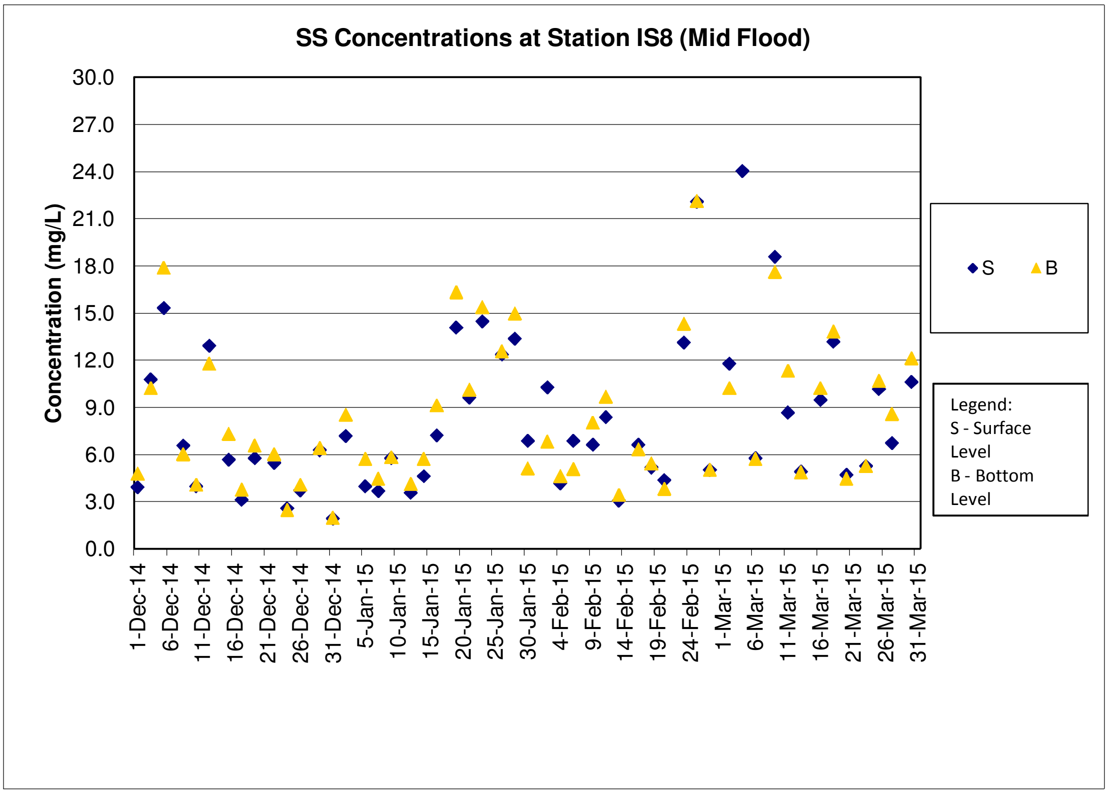

SS Concentrations at Station IS(Mf)6 (Mid Ebb)
Concentration (mg/L)
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15
6-Mar-15
11-Mar-15
16-Mar-15
21-Mar-15
26-Mar-15
31-Mar-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

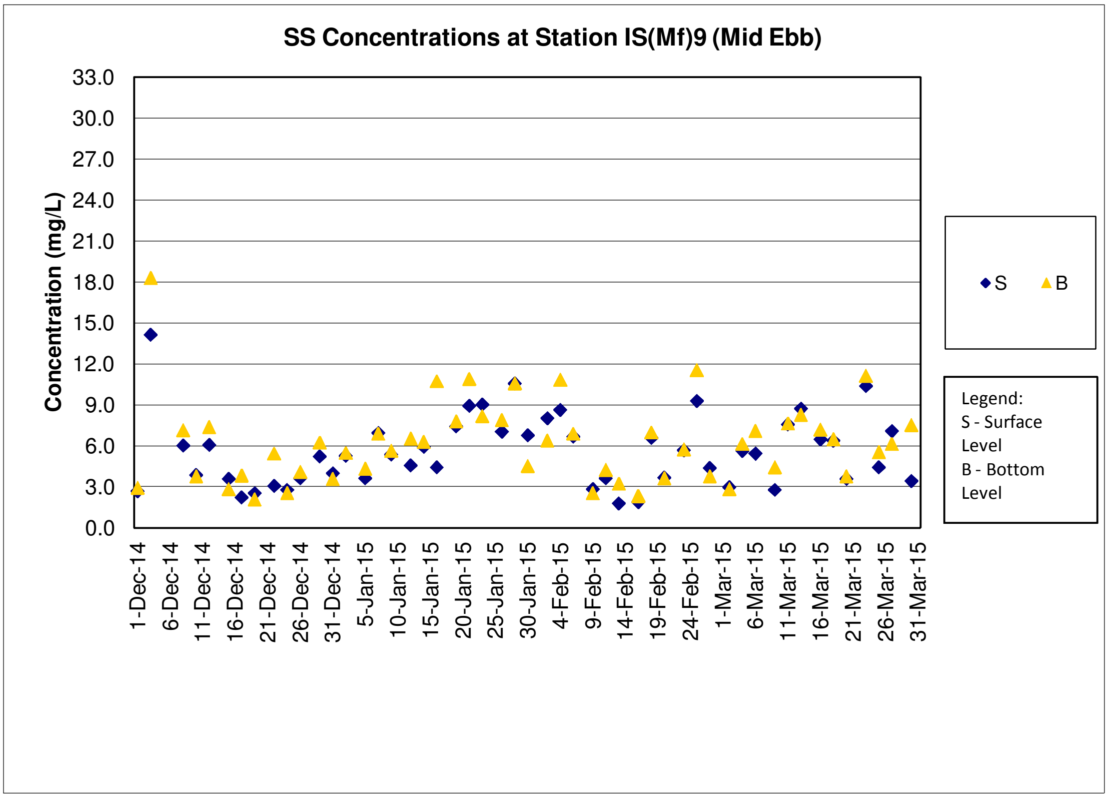

SS Concentrations at Station IS(Mf)6 (Mid Flood)
Concentration (mg/L)
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15
6-Mar-15
11-Mar-15
16-Mar-15
21-Mar-15
26-Mar-15
31-Mar-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

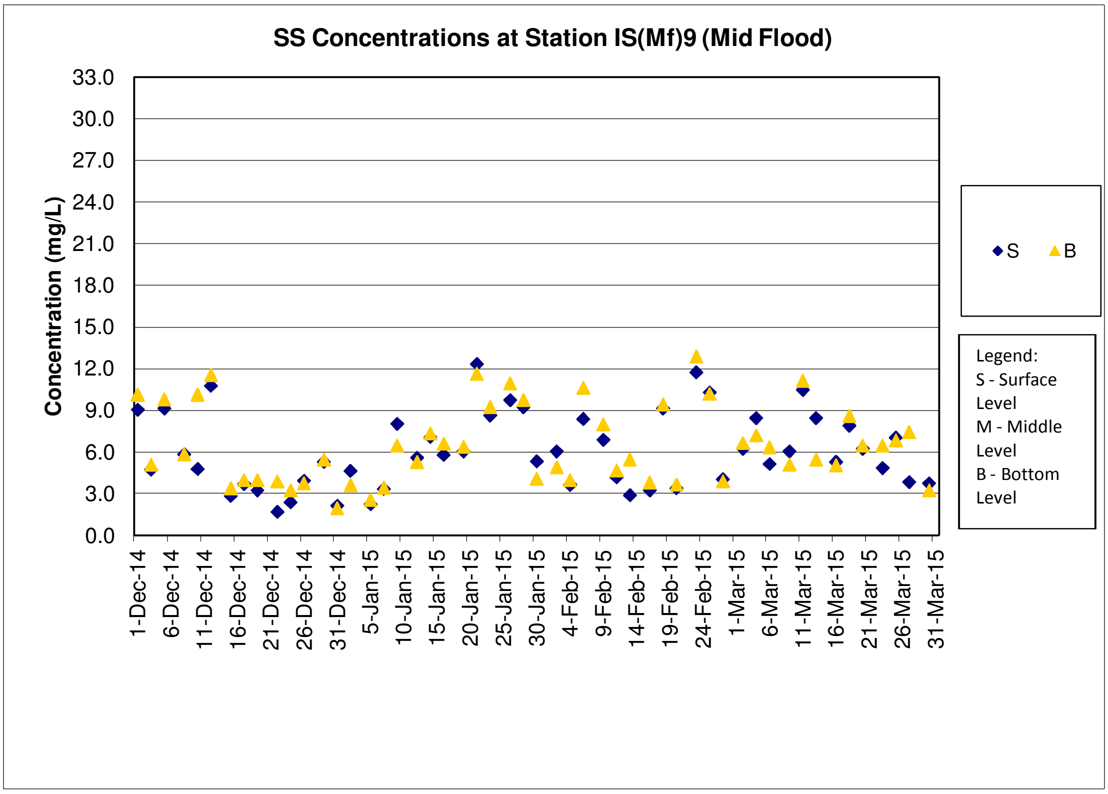

SS Concentrations at Station IS7 (Mid Ebb)
Concentration (mg/L)
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15
6-Mar-15
11-Mar-15
16-Mar-15
21-Mar-15
26-Mar-15
31-Mar-15
S M B
Legend:
S - Surface Level
B - Bottom Level

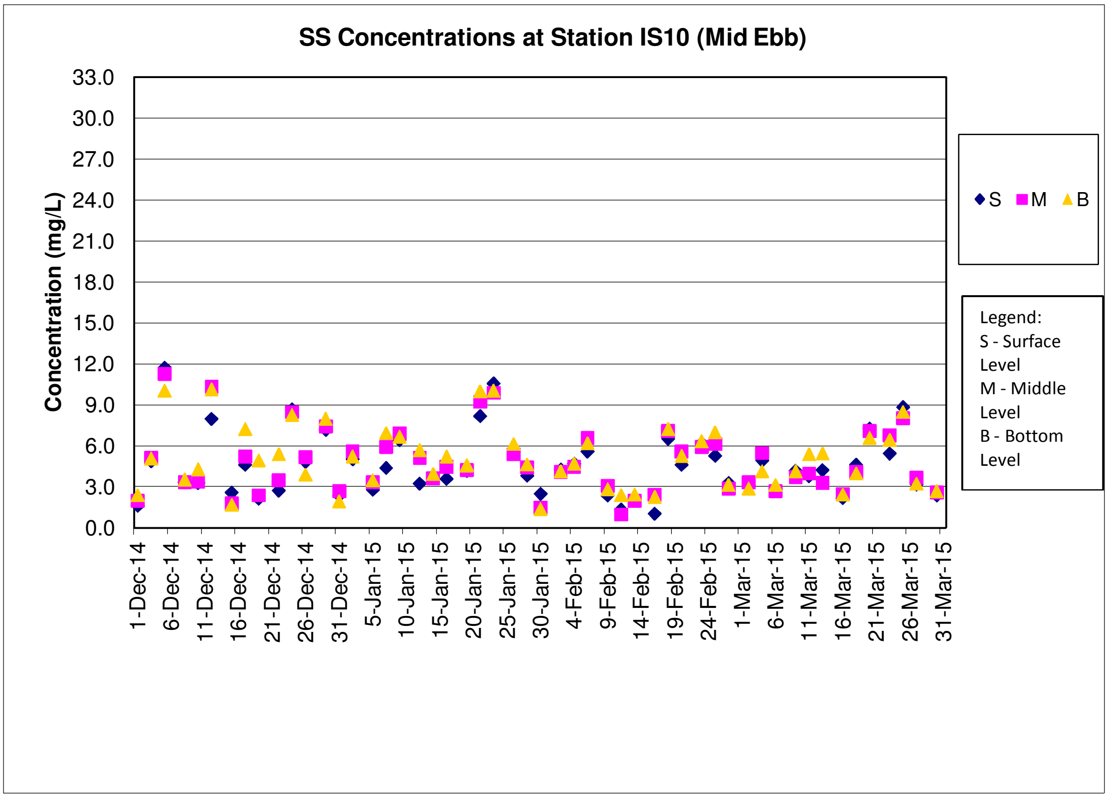

SS Concentrations at Station IS7 (Mid Flood)
Concentration (mg/L)
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15
6-Mar-15
11-Mar-15
16-Mar-15
21-Mar-15
26-Mar-15
31-Mar-15
S B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

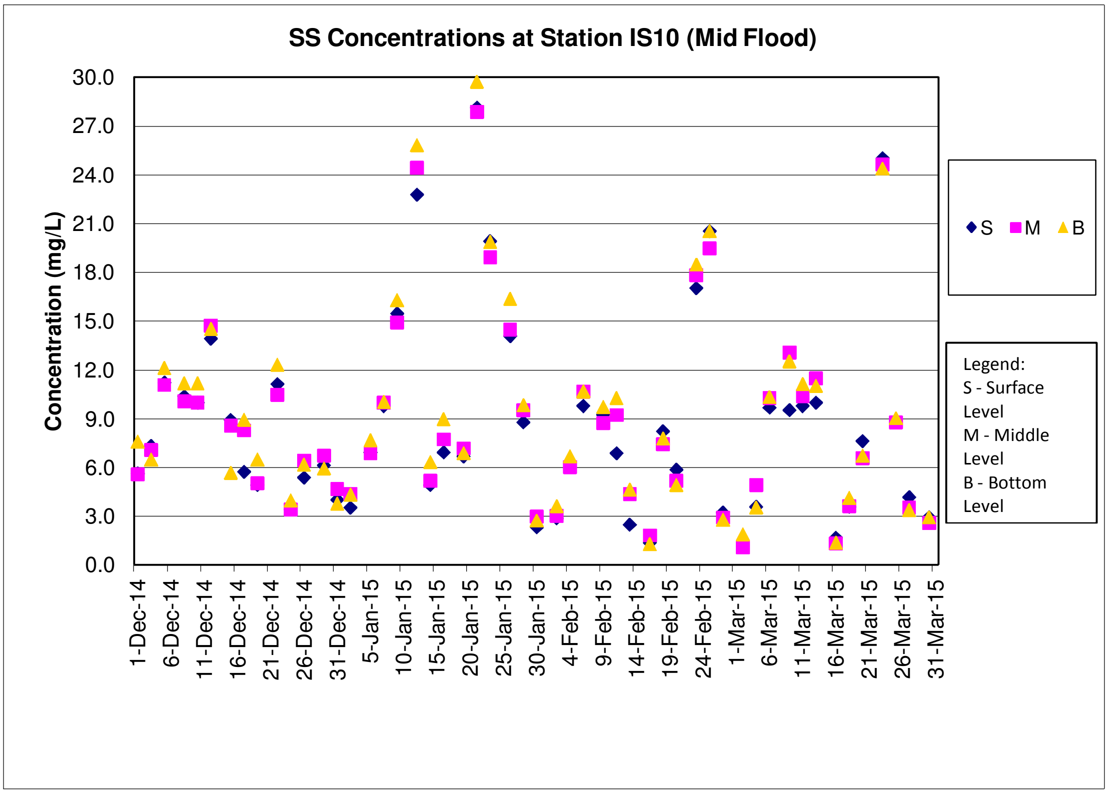

SS Concentrations at Station IS8 (Mid Ebb)
Concentration (mg/L)
S
B
Legend:
S - Surface Level
B - Bottom Level

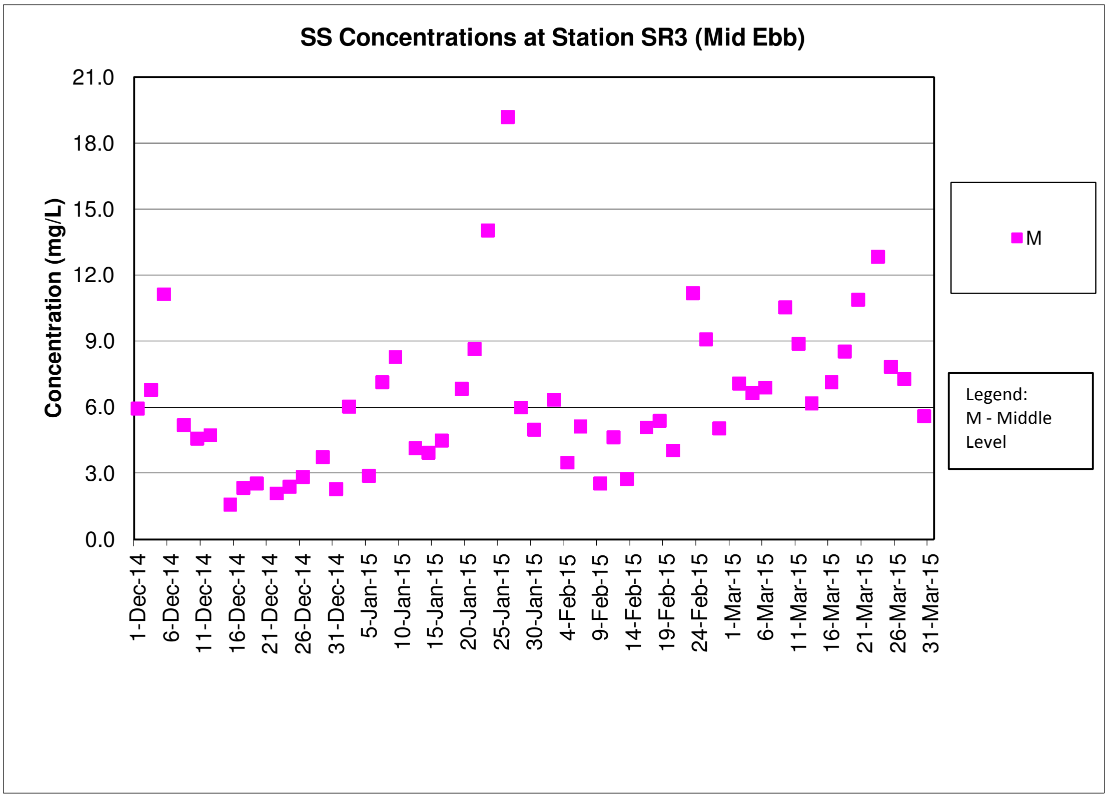

SS Concentrations at Station IS8 (Mid Flood)
Concentration (mg/L)
S
B
Legend:
S - Surface Level
B - Bottom Level

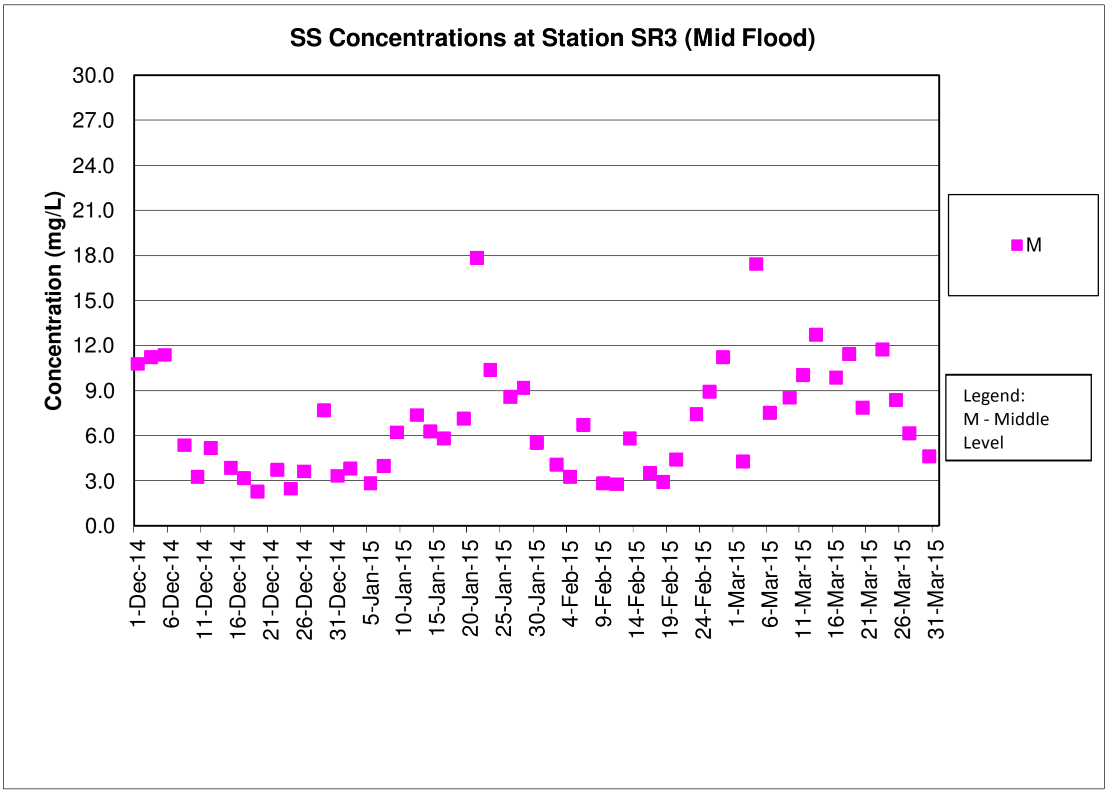

SS Concentrations at Station IS(Mf)9 (Mid Ebb)
Concentration (mg/L)
33.0
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15
6-Mar-15
11-Mar-15
16-Mar-15
21-Mar-15
26-Mar-15
31-Mar-15
S
B
Legend:
S - Surface Level
B - Bottom Level

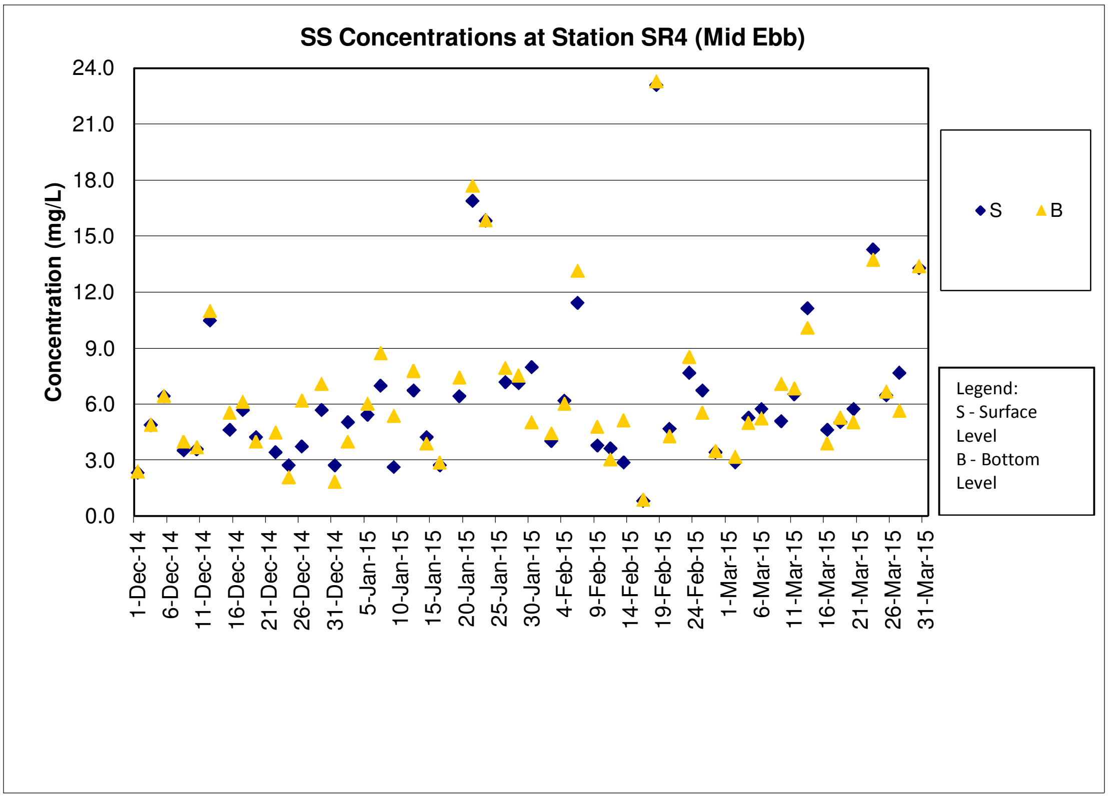

SS Concentrations at Station IS(Mf)9 (Mid Flood)
Concentration (mg/L)
33.0
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15
6-Mar-15
11-Mar-15
16-Mar-15
21-Mar-15
26-Mar-15
31-Mar-15
S
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

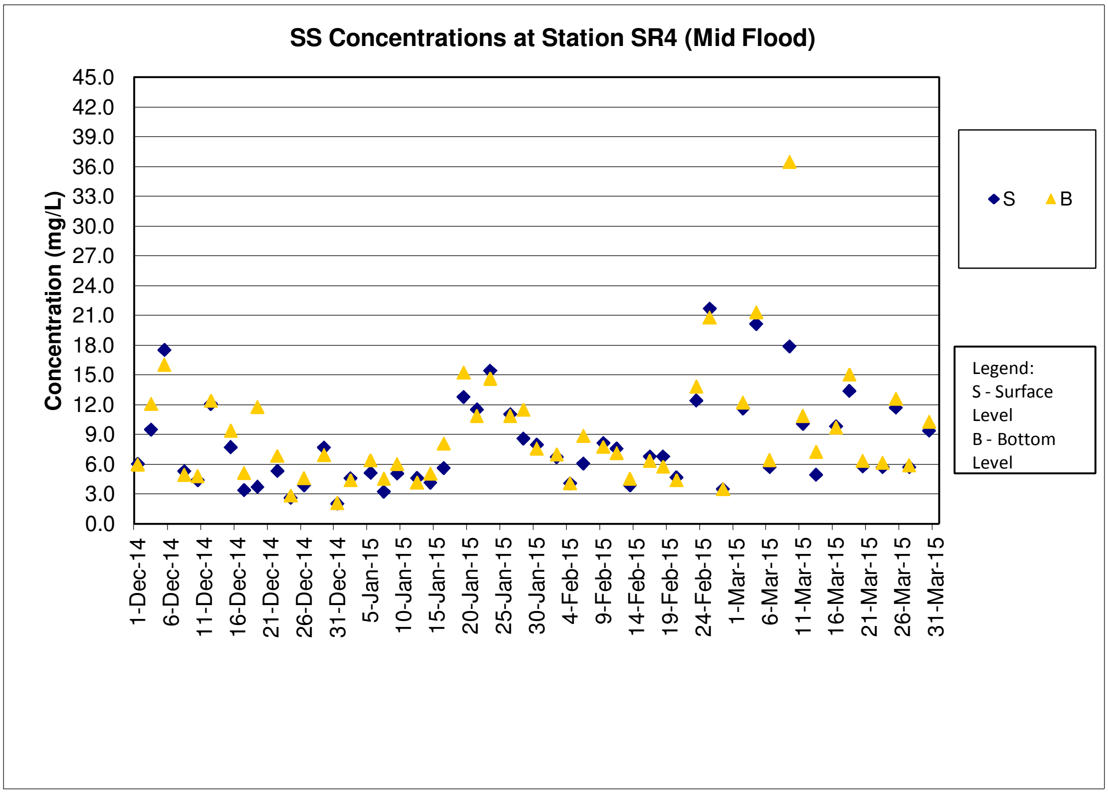

SS Concentrations at Station IS10 (Mid Ebb)
Concentration (mg/L)
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

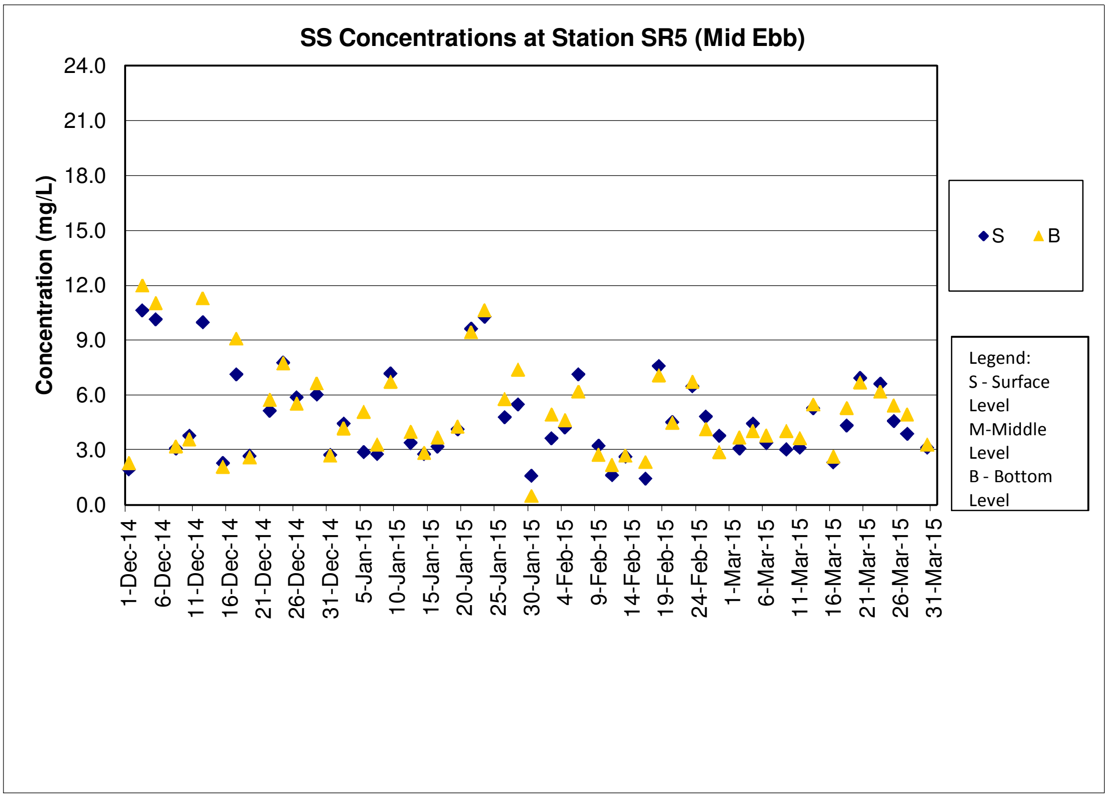

SS Concentrations at Station IS10 (Mid Flood)
Concentration (mg/L)
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

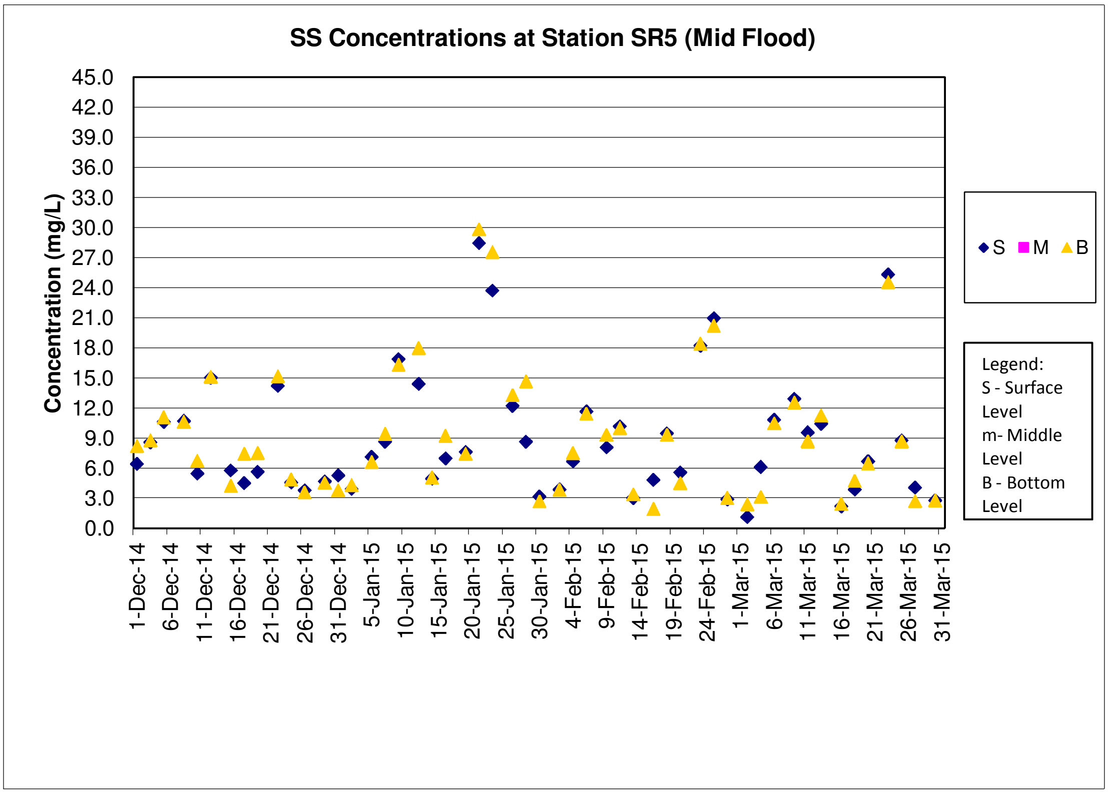

SS Concentrations at Station SR3 (Mid Ebb)
Concentration (mg/L)
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15
6-Mar-15
11-Mar-15
16-Mar-15
21-Mar-15
26-Mar-15
31-Mar-15
M
Legend:
M - Middle Level

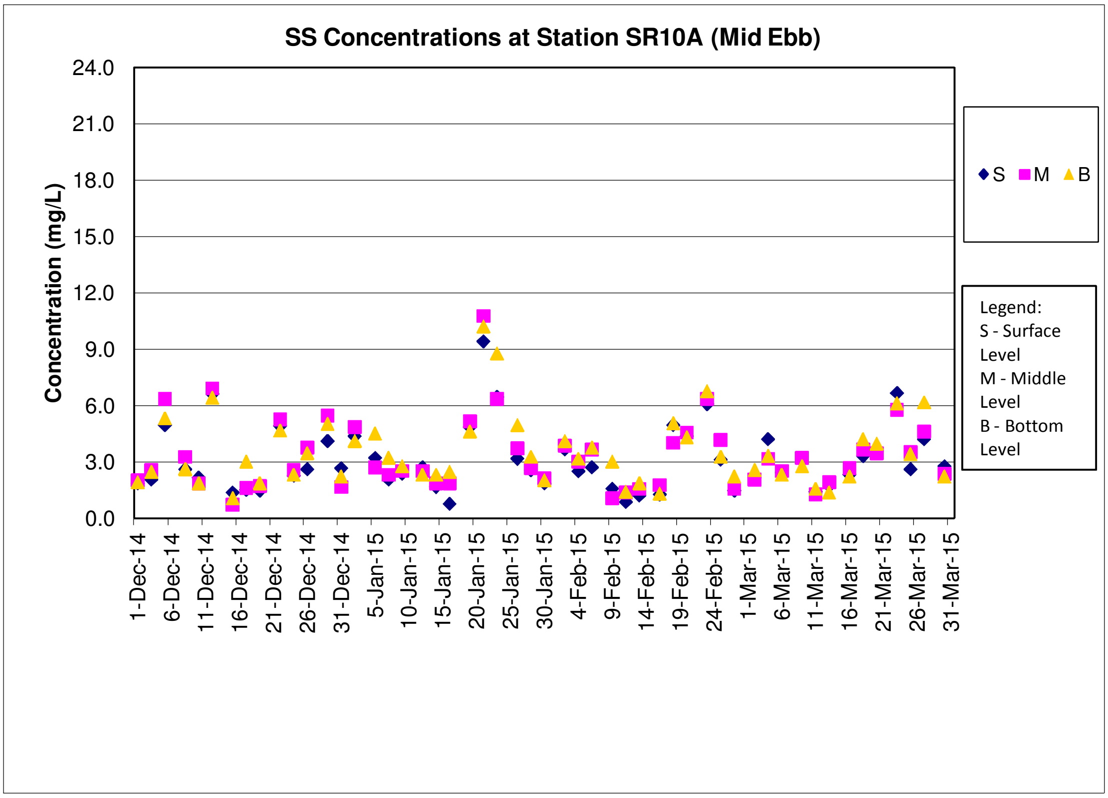

SS Concentrations at Station SR3 (Mid Flood)
Concentration (mg/L)
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15
6-Mar-15
11-Mar-15
16-Mar-15
21-Mar-15
26-Mar-15
31-Mar-15
M
Legend:
M - Middle Level

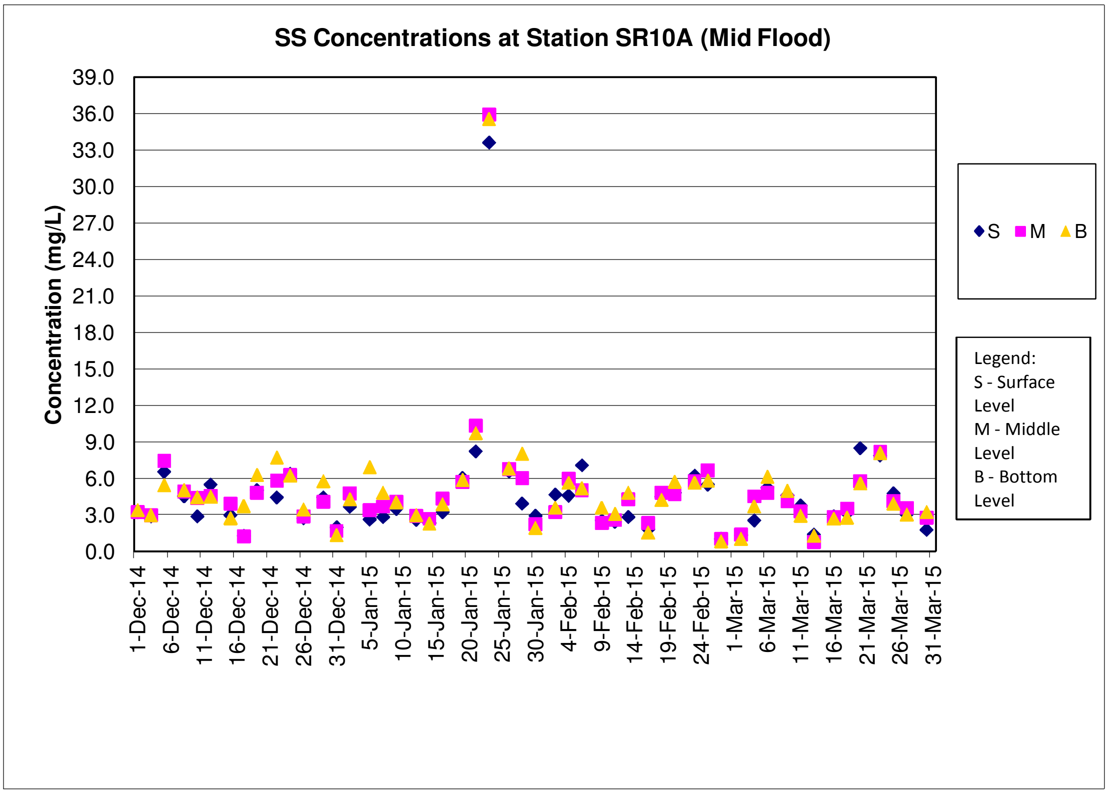

SS Concentrations at Station SR4 (Mid Ebb)
Concentration (mg/L)
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15
6-Mar-15
11-Mar-15
16-Mar-15
21-Mar-15
26-Mar-15
31-Mar-15
S
B
Legend:
S - Surface Level
B - Bottom Level

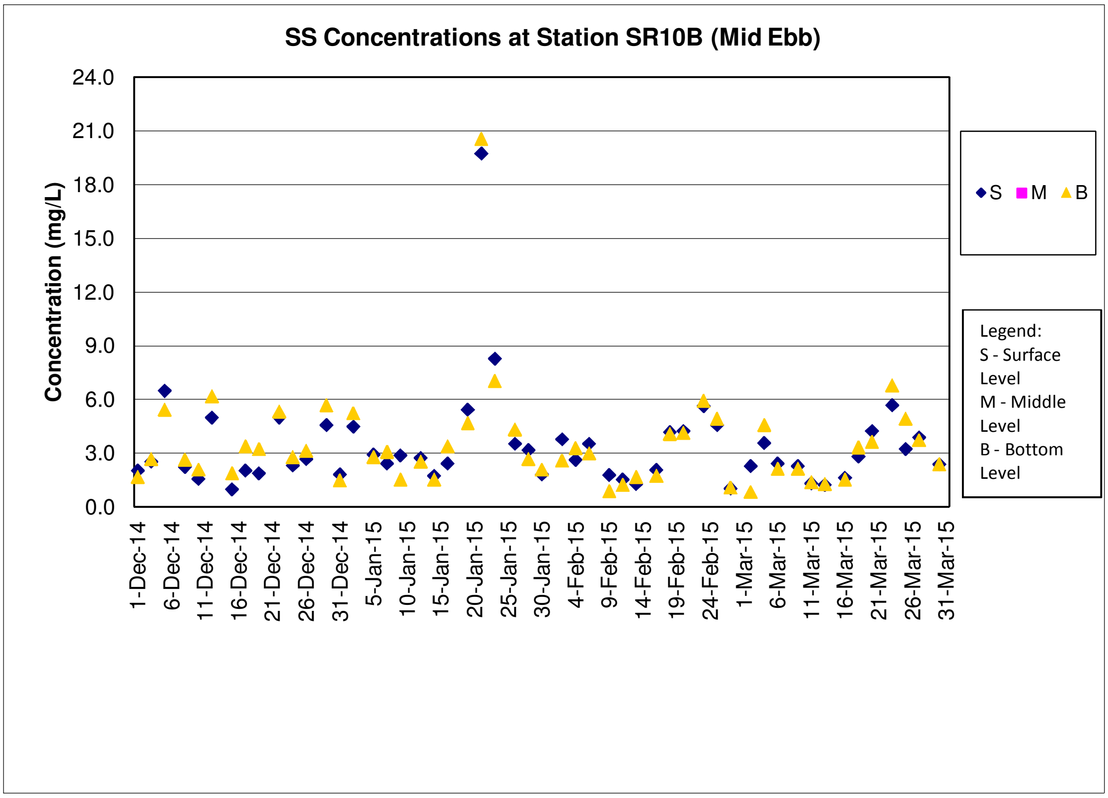

SS Concentrations at Station SR4 (Mid Flood)
Concentration (mg/L)
45.0
42.0
39.0
36.0
33.0
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15
6-Mar-15
11-Mar-15
16-Mar-15
21-Mar-15
26-Mar-15
31-Mar-15
S
B
Legend:
S - Surface Level
B - Bottom Level

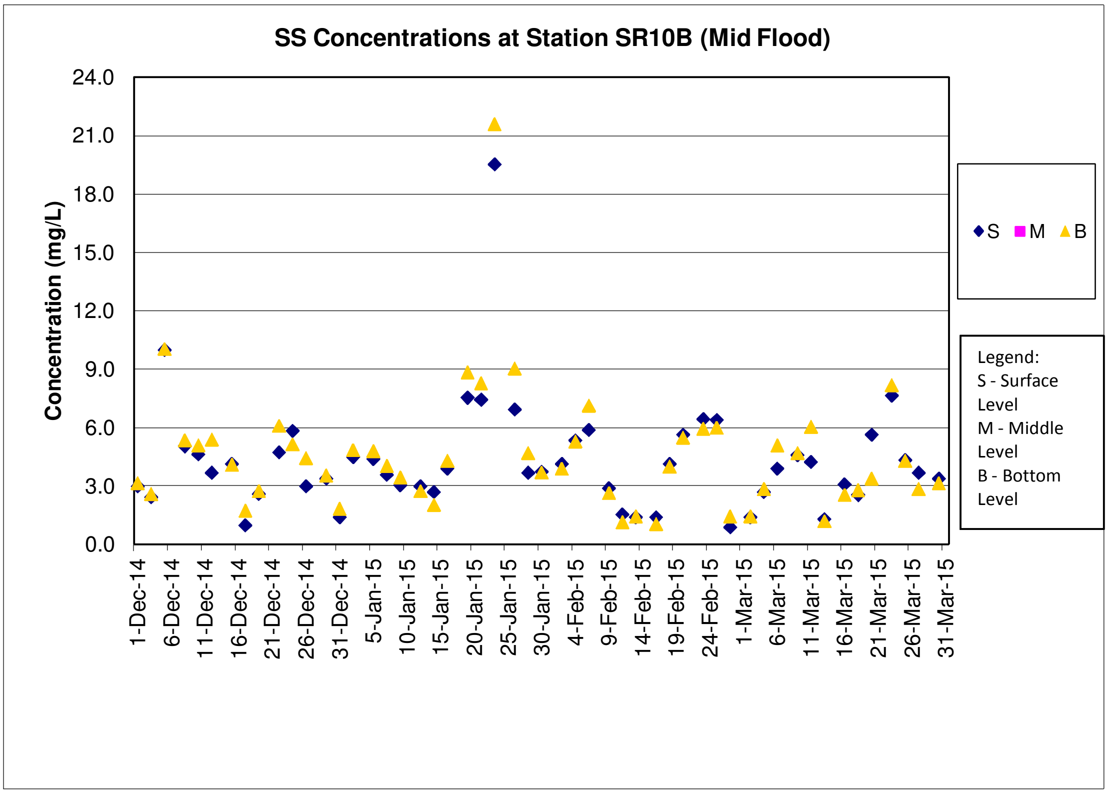

SS Concentrations at Station SR5 (Mid Ebb)
Concentration (mg/L)
S
B
Legend:
S - Surface Level
M-Middle Level
B - Bottom Level


SS Concentrations at Station SR5 (Mid Flood)
Concentration (mg/L)
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
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15
6-Mar-15
11-Mar-15
16-Mar-15
21-Mar-15
26-Mar-15
31-Mar-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


SS Concentrations at Station SR10A (Mid Flood)
Concentration (mg/L)
39.0
36.0
33.0
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15
6-Mar-15
11-Mar-15
16-Mar-15
21-Mar-15
26-Mar-15
31-Mar-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


SS Concentrations at Station SR10B (Mid Ebb)
Concentration (mg/L)
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15
6-Mar-15
11-Mar-15
16-Mar-15
21-Mar-15
26-Mar-15
31-Mar-15
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


SS Concentrations at Station SR10B (Mid Flood)
Concentration (mg/L)
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
1-Dec-14
6-Dec-14
11-Dec-14
16-Dec-14
21-Dec-14
26-Dec-14
31-Dec-14
5-Jan-15
10-Jan-15
15-Jan-15
20-Jan-15
25-Jan-15
30-Jan-15
4-Feb-15
9-Feb-15
14-Feb-15
19-Feb-15
24-Feb-15
1-Mar-15
6-Mar-15
11-Mar-15
16-Mar-15
21-Mar-15
26-Mar-15
31-Mar-15
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

<table>
<tr><th rowspan="2">Event</th><th colspan="4">Action</th></tr>
<tr><th>ET</th><th>IEC</th><th>SO</th><th>Contractor</th></tr>
<tr><td>Exceedance of Action Level</td><td>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.</td><td>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.</td><td>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</td><td>1. Submit noise mitigation proposals to IEC;
2. Implement noise mitigation proposals.</td></tr>
<tr><td>Exceedance of Limit Level</td><td>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.</td><td>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.</td><td>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.</td><td>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.</td></tr>
</table>

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 (m/s)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction
01/03/2015	00:05	3.1	E	01/03/2015	07:40	1.8	N	01/03/2015	15:15	2.2	WSW
01/03/2015	00:10	2.2	E	01/03/2015	07:45	1.8	NNE	01/03/2015	15:20	2.2	W
01/03/2015	00:15	1.8	E	01/03/2015	07:50	1.8	N	01/03/2015	15:25	1.8	WNW
01/03/2015	00:20	1.3	E	01/03/2015	07:55	1.3	NE	01/03/2015	15:30	2.7	WSW
01/03/2015	00:25	1.3	E	01/03/2015	08:00	0.9	ENE	01/03/2015	15:35	2.7	WNW
01/03/2015	00:30	0.9	E	01/03/2015	08:05	0.9	ENE	01/03/2015	15:40	1.8	WNW
01/03/2015	00:35	0.4	E	01/03/2015	08:10	1.8	N	01/03/2015	15:45	2.2	W
01/03/2015	00:40	0.4	E	01/03/2015	08:15	1.8	N	01/03/2015	15:50	2.7	W
01/03/2015	00:45	0.9	E	01/03/2015	08:20	2.7	N	01/03/2015	15:55	2.7	WNW
01/03/2015	00:50	1.8	NE	01/03/2015	08:25	1.8	N	01/03/2015	16:00	3.1	W
01/03/2015	00:55	1.3	ENE	01/03/2015	08:30	1.8	N	01/03/2015	16:05	2.7	W
01/03/2015	01:00	0.4	ENE	01/03/2015	08:35	1.3	NE	01/03/2015	16:10	3.1	W
01/03/2015	01:05	0.9	E	01/03/2015	08:40	1.8	NE	01/03/2015	16:15	2.2	W
01/03/2015	01:10	0.9	E	01/03/2015	08:45	2.2	NNE	01/03/2015	16:20	3.1	WNW
01/03/2015	01:15	0.9	E	01/03/2015	08:50	1.3	ENE	01/03/2015	16:25	2.7	WNW
01/03/2015	01:20	0.9	SW	01/03/2015	08:55	1.3	N	01/03/2015	16:30	2.2	W
01/03/2015	01:25	1.3	SW	01/03/2015	09:00	1.3	NNW	01/03/2015	16:35	2.7	W
01/03/2015	01:30	1.8	SW	01/03/2015	09:05	2.2	N	01/03/2015	16:40	2.7	WNW
01/03/2015	01:35	1.3	SSW	01/03/2015	09:10	1.3	ENE	01/03/2015	16:45	2.7	W
01/03/2015	01:40	1.3	SSW	01/03/2015	09:15	1.3	NNE	01/03/2015	16:50	2.7	W
01/03/2015	01:45	0.9	SSW	01/03/2015	09:20	1.3	N	01/03/2015	16:55	2.7	W
01/03/2015	01:50	0.9	SSW	01/03/2015	09:25	1.8	N	01/03/2015	17:00	2.7	WNW
01/03/2015	01:55	0.9	SSW	01/03/2015	09:30	2.2	N	01/03/2015	17:05	1.8	WNW
01/03/2015	02:00	0.4	SSW	01/03/2015	09:35	1.3	WNW	01/03/2015	17:10	2.7	WNW
01/03/2015	02:05	0.4	SSW	01/03/2015	09:40	1.8	N	01/03/2015	17:15	2.2	WNW
01/03/2015	02:10	0.4	SSW	01/03/2015	09:45	2.2	N	01/03/2015	17:20	2.7	W
01/03/2015	02:15	0.4	SSW	01/03/2015	09:50	1.3	NNW	01/03/2015	17:25	2.7	WNW
01/03/2015	02:20	0.4	SSW	01/03/2015	09:55	1.3	NNW	01/03/2015	17:30	2.7	W
01/03/2015	02:25	0.4	SSW	01/03/2015	10:00	1.8	NNE	01/03/2015	17:35	2.7	WSW
01/03/2015	02:30	0.4	SSW	01/03/2015	10:05	2.2	NNW	01/03/2015	17:40	2.2	W
01/03/2015	02:35	0.4	SSW	01/03/2015	10:10	2.2	N	01/03/2015	17:45	2.2	W
01/03/2015	02:40	0.9	SSW	01/03/2015	10:15	2.2	NNW	01/03/2015	17:50	1.8	W
01/03/2015	02:45	1.3	SSW	01/03/2015	10:20	2.2	N	01/03/2015	17:55	2.2	W
01/03/2015	02:50	0.9	SSW	01/03/2015	10:25	2.2	NNW	01/03/2015	18:00	2.2	WNW
01/03/2015	02:55	0.9	SSW	01/03/2015	10:30	1.3	WNW	01/03/2015	18:05	1.8	W
01/03/2015	03:00	0.9	S	01/03/2015	10:35	1.8	NW	01/03/2015	18:10	1.8	W
01/03/2015	03:05	0.9	S	01/03/2015	10:40	2.2	W	01/03/2015	18:15	2.2	W
01/03/2015	03:10	2.2	SW	01/03/2015	10:45	2.2	W	01/03/2015	18:20	1.8	W
01/03/2015	03:15	1.8	SW	01/03/2015	10:50	1.3	NW	01/03/2015	18:25	2.2	W
01/03/2015	03:20	2.2	SW	01/03/2015	10:55	1.8	NW	01/03/2015	18:30	1.8	WSW
01/03/2015	03:25	2.2	SE	01/03/2015	11:00	2.2	NW	01/03/2015	18:35	1.3	W
01/03/2015	03:30	0.4	W	01/03/2015	11:05	1.3	WNW	01/03/2015	18:40	1.8	W
01/03/2015	03:35	3.1	WNW	01/03/2015	11:10	1.8	NW	01/03/2015	18:45	1.8	W
01/03/2015	03:40	3.6	WNW	01/03/2015	11:15	2.2	WNW	01/03/2015	18:50	2.7	WNW
01/03/2015	03:45	3.6	WNW	01/03/2015	11:20	2.7	WNW	01/03/2015	18:55	2.2	WNW
01/03/2015	03:50	3.1	W	01/03/2015	11:25	1.8	WNW	01/03/2015	19:00	1.8	WNW
01/03/2015	03:55	3.1	W	01/03/2015	11:30	1.8	NW	01/03/2015	19:05	1.8	WNW
01/03/2015	04:00	3.6	W	01/03/2015	11:35	1.8	NW	01/03/2015	19:10	1.3	WNW
01/03/2015	04:05	4	W	01/03/2015	11:40	1.8	NW	01/03/2015	19:15	1.3	WNW
01/03/2015	04:10	3.6	W	01/03/2015	11:45	1.8	WNW	01/03/2015	19:20	0.9	W
01/03/2015	04:15	2.7	WSW	01/03/2015	11:50	1.3	WNW	01/03/2015	19:25	0.9	SW
01/03/2015	04:20	1.3	W	01/03/2015	11:55	1.3	WNW	01/03/2015	19:30	0.9	WNW
01/03/2015	04:25	2.7	SSW	01/03/2015	12:00	1.3	WNW	01/03/2015	19:35	0.9	WSW
01/03/2015	04:30	2.2	SSW	01/03/2015	12:05	1.3	WNW	01/03/2015	19:40	0.9	SSW
01/03/2015	04:35	2.2	SW	01/03/2015	12:10	2.7	W	01/03/2015	19:45	0.4	S
01/03/2015	04:40	1.8	SW	01/03/2015	12:15	2.7	W	01/03/2015	19:50	0.4	S
01/03/2015	04:45	2.2	SW	01/03/2015	12:20	2.2	WNW	01/03/2015	19:55	0.9	SSW
01/03/2015	04:50	2.2	SE	01/03/2015	12:25	2.2	W	01/03/2015	20:00	0.9	SSW
01/03/2015	04:55	1.8	W	01/03/2015	12:30	2.2	W	01/03/2015	20:05	0.9	S
01/03/2015	05:00	2.2	SW	01/03/2015	12:35	2.2	W	01/03/2015	20:10	0.9	S
01/03/2015	05:05	1.8	SW	01/03/2015	12:40	2.2	W	01/03/2015	20:15	2.7	WSW
01/03/2015	05:10	2.2	SW	01/03/2015	12:45	2.2	W	01/03/2015	20:20	1.3	W
01/03/2015	05:15	2.7	W	01/03/2015	12:50	2.2	WNW	01/03/2015	20:25	2.7	SSW
01/03/2015	05:20	3.1	W	01/03/2015	12:55	2.2	WNW	01/03/2015	20:30	2.2	SSW
01/03/2015	05:25	2.7	W	01/03/2015	13:00	2.2	WNW	01/03/2015	20:35	0.9	NE
01/03/2015	05:30	2.2	N	01/03/2015	13:05	2.2	WNW	01/03/2015	20:40	0.9	NE
01/03/2015	05:35	2.2	NE	01/03/2015	13:10	2.7	WNW	01/03/2015	20:45	0.4	NE
01/03/2015	05:40	2.2	NE	01/03/2015	13:15	2.2	WNW	01/03/2015	20:50	1.3	N
01/03/2015	05:45	2.2	NNE	01/03/2015	13:20	2.7	W	01/03/2015	20:55	0.9	NE
01/03/2015	05:50	2.7	NNE	01/03/2015	13:25	2.7	WNW	01/03/2015	21:00	1.3	NNE
01/03/2015	05:55	2.2	NNE	01/03/2015	13:30	1.8	WNW	01/03/2015	21:05	1.3	N
01/03/2015	06:00	2.2	NE	01/03/2015	13:35	1.8	W	01/03/2015	21:10	1.3	N
01/03/2015	06:05	1.8	NE	01/03/2015	13:40	1.8	W	01/03/2015	21:15	1.3	N
01/03/2015	06:10	1.8	NNE	01/03/2015	13:45	1.8	WSW	01/03/2015	21:20	1.3	N
01/03/2015	06:15	0.4	NE	01/03/2015	13:50	2.2	W	01/03/2015	21:25	1.8	NNW
01/03/2015	06:20	1.3	NNE	01/03/2015	13:55	1.8	W	01/03/2015	21:30	1.3	N
01/03/2015	06:25	1.3	NNE	01/03/2015	14:00	1.8	W	01/03/2015	21:35	1.8	N
01/03/2015	06:30	1.3	NNE	01/03/2015	14:05	2.7	W	01/03/2015	21:40	1.3	N
01/03/2015	06:35	1.3	N	01/03/2015	14:10	3.1	W	01/03/2015	21:45	1.3	N
01/03/2015	06:40	1.3	N	01/03/2015	14:15	3.1	W	01/03/2015	21:50	1.3	N
01/03/2015	06:45	1.3	NNW	01/03/2015	14:20	3.6	W	01/03/2015	21:55	0.9	N
01/03/2015	06:50	1.3	N	01/03/2015	14:25	2.7	W	01/03/2015	22:00	0.9	N
01/03/2015	06:55	0.9	NNW	01/03/2015	14:30	3.1	W	01/03/2015	22:05	0.4	NNE
01/03/2015	07:00	0.9	N	01/03/2015	14:35	2.7	W	01/03/2015	22:10	1.3	NE
01/03/2015	07:05	0.9	NW	01/03/2015	14:40	3.1	W	01/03/2015	22:15	1.3	NE
01/03/2015	07:10	0.9	N	01/03/2015	14:45	3.1	W	01/03/2015	22:20	1.3	E
01/03/2015	07:15	0.9	N	01/03/2015	14:50	3.1	W	01/03/2015	22:25	0.9	ENE
01/03/2015	07:20	1.8	N	01/03/2015	14:55	2.7	W	01/03/2015	22:30	0.4	E
01/03/2015	07:25	1.8	N	01/03/2015	15:00	3.1	WSW	01/03/2015	22:35	0.9	NE
01/03/2015	07:30	1.8	NNW	01/03/2015	15:05	2.7	W	01/03/2015	22:40	0.9	NE
01/03/2015	07:35	2.2	N	01/03/2015	15:10	3.1	W	01/03/2015	22:45	0.9	NE

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

Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction
01/03/2015	22:50	1.8	E	02/03/2015	06:25	2.2	E	02/03/2015	14:00	5.8	E
01/03/2015	22:55	1.8	SE	02/03/2015	06:30	2.2	ENE	02/03/2015	14:05	5.4	ENE
01/03/2015	23:00	1.8	ENE	02/03/2015	06:35	2.7	ENE	02/03/2015	14:10	5.4	E
01/03/2015	23:05	2.2	E	02/03/2015	06:40	1.3	NNE	02/03/2015	14:15	5.4	ENE
01/03/2015	23:10	1.8	ENE	02/03/2015	06:45	2.2	E	02/03/2015	14:20	5.4	ENE
01/03/2015	23:15	2.2	NE	02/03/2015	06:50	2.2	E	02/03/2015	14:25	6.3	NE
01/03/2015	23:20	1.8	NE	02/03/2015	06:55	2.2	ENE	02/03/2015	14:30	7.2	NE
01/03/2015	23:25	2.2	NE	02/03/2015	07:00	2.2	E	02/03/2015	14:35	7.2	NE
01/03/2015	23:30	1.8	E	02/03/2015	07:05	3.1	E	02/03/2015	14:40	5.8	ENE
01/03/2015	23:35	1.3	ENE	02/03/2015	07:10	3.1	ENE	02/03/2015	14:45	6.3	E
01/03/2015	23:40	0.4	ENE	02/03/2015	07:15	3.1	E	02/03/2015	14:50	5.8	E
01/03/2015	23:45	0.4	ENE	02/03/2015	07:20	2.7	E	02/03/2015	14:55	6.7	E
01/03/2015	23:50	1.3	NE	02/03/2015	07:25	2.2	E	02/03/2015	15:00	6.3	ENE
01/03/2015	23:55	1.3	E	02/03/2015	07:30	1.8	E	02/03/2015	15:05	5.8	ENE
02/03/2015	00:00	1.3	ENE	02/03/2015	07:35	2.2	E	02/03/2015	15:10	5.8	ENE
02/03/2015	00:05	1.3	E	02/03/2015	07:40	2.7	E	02/03/2015	15:15	6.7	E
02/03/2015	00:10	0.4	E	02/03/2015	07:45	1.8	NE	02/03/2015	15:20	6.7	ENE
02/03/2015	00:15	1.3	NE	02/03/2015	07:50	1.8	E	02/03/2015	15:25	7.2	NE
02/03/2015	00:20	1.3	ENE	02/03/2015	07:55	1.3	E	02/03/2015	15:30	6.3	ENE
02/03/2015	00:25	1.8	E	02/03/2015	08:00	1.8	NE	02/03/2015	15:35	5.4	ENE
02/03/2015	00:30	1.3	ENE	02/03/2015	08:05	2.7	E	02/03/2015	15:40	5.8	ENE
02/03/2015	00:35	1.3	E	02/03/2015	08:10	2.7	E	02/03/2015	15:45	4.9	ENE
02/03/2015	00:40	1.3	ENE	02/03/2015	08:15	3.1	E	02/03/2015	15:50	4.9	NE
02/03/2015	00:45	0.4	ENE	02/03/2015	08:20	3.1	E	02/03/2015	15:55	5.4	ENE
02/03/2015	00:50	1.8	E	02/03/2015	08:25	3.6	E	02/03/2015	16:00	4.9	ENE
02/03/2015	00:55	1.3	E	02/03/2015	08:30	2.7	ENE	02/03/2015	16:05	4.9	ENE
02/03/2015	01:00	1.8	E	02/03/2015	08:35	3.1	E	02/03/2015	16:10	4.5	E
02/03/2015	01:05	1.8	E	02/03/2015	08:40	3.6	E	02/03/2015	16:15	4.9	E
02/03/2015	01:10	2.2	ENE	02/03/2015	08:45	2.2	E	02/03/2015	16:20	4.5	E
02/03/2015	01:15	1.8	ENE	02/03/2015	08:50	2.7	E	02/03/2015	16:25	3.6	ENE
02/03/2015	01:20	1.8	E	02/03/2015	08:55	2.7	E	02/03/2015	16:30	4.5	E
02/03/2015	01:25	1.8	ENE	02/03/2015	09:00	1.8	E	02/03/2015	16:35	4	E
02/03/2015	01:30	1.8	ENE	02/03/2015	09:05	2.7	ESE	02/03/2015	16:40	4	E
02/03/2015	01:35	1.8	ENE	02/03/2015	09:10	2.7	E	02/03/2015	16:45	4.5	E
02/03/2015	01:40	1.8	ENE	02/03/2015	09:15	1.8	E	02/03/2015	16:50	4.9	E
02/03/2015	01:45	2.7	E	02/03/2015	09:20	4.5	E	02/03/2015	16:55	4.9	E
02/03/2015	01:50	2.7	E	02/03/2015	09:25	4.5	E	02/03/2015	17:00	5.8	ENE
02/03/2015	01:55	2.7	ENE	02/03/2015	09:30	3.6	E	02/03/2015	17:05	6.7	E
02/03/2015	02:00	2.7	ENE	02/03/2015	09:35	2.7	E	02/03/2015	17:10	5.4	E
02/03/2015	02:05	3.1	E	02/03/2015	09:40	2.7	ENE	02/03/2015	17:15	4.5	E
02/03/2015	02:10	3.1	ENE	02/03/2015	09:45	4	E	02/03/2015	17:20	4.9	ENE
02/03/2015	02:15	2.7	ENE	02/03/2015	09:50	3.1	E	02/03/2015	17:25	4.9	E
02/03/2015	02:20	1.8	NE	02/03/2015	09:55	3.1	E	02/03/2015	17:30	4	E
02/03/2015	02:25	2.2	NE	02/03/2015	10:00	2.2	E	02/03/2015	17:35	4	E
02/03/2015	02:30	3.6	E	02/03/2015	10:05	4	E	02/03/2015	17:40	4.9	E
02/03/2015	02:35	2.7	E	02/03/2015	10:10	3.6	E	02/03/2015	17:45	4.9	E
02/03/2015	02:40	1.8	E	02/03/2015	10:15	4	ENE	02/03/2015	17:50	5.8	E
02/03/2015	02:45	2.7	ENE	02/03/2015	10:20	3.1	ENE	02/03/2015	17:55	5.4	E
02/03/2015	02:50	3.1	E	02/03/2015	10:25	4.9	E	02/03/2015	18:00	4.5	E
02/03/2015	02:55	2.2	ENE	02/03/2015	10:30	4.9	ENE	02/03/2015	18:05	5.8	E
02/03/2015	03:00	3.1	E	02/03/2015	10:35	4	E	02/03/2015	18:10	4.9	ENE
02/03/2015	03:05	3.1	E	02/03/2015	10:40	4.5	E	02/03/2015	18:15	4.9	ENE
02/03/2015	03:10	3.6	E	02/03/2015	10:45	4.9	E	02/03/2015	18:20	4	ENE
02/03/2015	03:15	3.1	ENE	02/03/2015	10:50	3.6	NE	02/03/2015	18:25	4.5	ENE
02/03/2015	03:20	0.9	ESE	02/03/2015	10:55	3.1	ENE	02/03/2015	18:30	4	ENE
02/03/2015	03:25	1.8	E	02/03/2015	11:00	4	ENE	02/03/2015	18:35	4.5	ENE
02/03/2015	03:30	2.7	ENE	02/03/2015	11:05	3.6	ENE	02/03/2015	18:40	4	ENE
02/03/2015	03:35	2.2	ENE	02/03/2015	11:10	3.6	NE	02/03/2015	18:45	4	ENE
02/03/2015	03:40	1.8	NE	02/03/2015	11:15	4.5	E	02/03/2015	18:50	4.5	ENE
02/03/2015	03:45	2.2	NE	02/03/2015	11:20	3.6	ENE	02/03/2015	18:55	4	ENE
02/03/2015	03:50	2.7	ENE	02/03/2015	11:25	4.9	NE	02/03/2015	19:00	4.5	ENE
02/03/2015	03:55	2.7	NE	02/03/2015	11:30	4.9	NE	02/03/2015	19:05	3.6	ENE
02/03/2015	04:00	3.6	NE	02/03/2015	11:35	5.4	NE	02/03/2015	19:10	3.1	ENE
02/03/2015	04:05	3.1	NE	02/03/2015	11:40	5.4	ENE	02/03/2015	19:15	4.5	ENE
02/03/2015	04:10	2.7	E	02/03/2015	11:45	5.4	NE	02/03/2015	19:20	4.5	ENE
02/03/2015	04:15	3.1	ENE	02/03/2015	11:50	5.4	NE	02/03/2015	19:25	4.9	NE
02/03/2015	04:20	2.2	ENE	02/03/2015	11:55	5.4	ENE	02/03/2015	19:30	4	ENE
02/03/2015	04:25	2.2	ENE	02/03/2015	12:00	4.9	E	02/03/2015	19:35	4	ENE
02/03/2015	04:30	1.8	NE	02/03/2015	12:05	5.4	ENE	02/03/2015	19:40	4	NE
02/03/2015	04:35	1.8	NE	02/03/2015	12:10	6.3	E	02/03/2015	19:45	4	NE
02/03/2015	04:40	2.2	E	02/03/2015	12:15	5.4	ENE	02/03/2015	19:50	4	ENE
02/03/2015	04:45	2.2	NE	02/03/2015	12:20	5.4	ENE	02/03/2015	19:55	4.9	E
02/03/2015	04:50	1.8	NE	02/03/2015	12:25	3.6	E	02/03/2015	20:00	4.9	ENE
02/03/2015	04:55	2.2	E	02/03/2015	12:30	5.4	E	02/03/2015	20:05	5.4	ENE
02/03/2015	05:00	1.8	ENE	02/03/2015	12:35	5.4	E	02/03/2015	20:10	6.3	E
02/03/2015	05:05	2.2	ENE	02/03/2015	12:40	4.5	E	02/03/2015	20:15	5.4	ENE
02/03/2015	05:10	1.8	ENE	02/03/2015	12:45	4	E	02/03/2015	20:20	5.4	E
02/03/2015	05:15	1.8	ENE	02/03/2015	12:50	4.9	E	02/03/2015	20:25	5.8	E
02/03/2015	05:20	1.8	ENE	02/03/2015	12:55	6.3	E	02/03/2015	20:30	5.8	E
02/03/2015	05:25	1.3	NE	02/03/2015	13:00	5.8	ENE	02/03/2015	20:35	6.3	E
02/03/2015	05:30	1.3	ENE	02/03/2015	13:05	5.8	ENE	02/03/2015	20:40	5.8	E
02/03/2015	05:35	0.9	E	02/03/2015	13:10	5.4	ENE	02/03/2015	20:45	6.3	E
02/03/2015	05:40	0.9	E	02/03/2015	13:15	5.4	E	02/03/2015	20:50	6.7	ENE
02/03/2015	05:45	2.2	E	02/03/2015	13:20	5.8	ENE	02/03/2015	20:55	6.3	E
02/03/2015	05:50	1.8	E	02/03/2015	13:25	5.8	E	02/03/2015	21:00	5.8	ENE
02/03/2015	05:55	2.2	E	02/03/2015	13:30	5.8	ENE	02/03/2015	21:05	5.8	E
02/03/2015	06:00	2.2	ENE	02/03/2015	13:35	5.4	E	02/03/2015	21:10	6.3	E
02/03/2015	06:05	2.2	E	02/03/2015	13:40	4.9	ENE	02/03/2015	21:15	6.7	E
02/03/2015	06:10	2.2	E	02/03/2015	13:45	5.4	NE	02/03/2015	21:20	6.3	E
02/03/2015	06:15	2.2	E	02/03/2015	13:50	4.9	ENE	02/03/2015	21:25	5.8	ENE
02/03/2015	06:20	2.7	E	02/03/2015	13:55	5.8	E	02/03/2015	21:30	7.2	ENE

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

Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction
02/03/2015	21:35	6.7	ENE	03/03/2015	05:10	3.6	ENE	03/03/2015	12:45	3.6	ENE
02/03/2015	21:40	3.6	NE	03/03/2015	05:15	3.1	ENE	03/03/2015	12:50	3.1	E
02/03/2015	21:45	2.7	E	03/03/2015	05:20	2.2	E	03/03/2015	12:55	2.7	NE
02/03/2015	21:50	3.6	ENE	03/03/2015	05:25	3.1	E	03/03/2015	13:00	2.7	WSW
02/03/2015	21:55	1.8	ENE	03/03/2015	05:30	4	ENE	03/03/2015	13:05	1.8	W
02/03/2015	22:00	2.7	ENE	03/03/2015	05:35	3.6	E	03/03/2015	13:10	1.3	NNW
02/03/2015	22:05	4.5	ENE	03/03/2015	05:40	3.1	ENE	03/03/2015	13:15	1.8	NNW
02/03/2015	22:10	4	E	03/03/2015	05:45	4	E	03/03/2015	13:20	3.1	E
02/03/2015	22:15	4.5	ENE	03/03/2015	05:50	3.1	ENE	03/03/2015	13:25	3.1	ENE
02/03/2015	22:20	4.5	ENE	03/03/2015	05:55	4	E	03/03/2015	13:30	2.2	NE
02/03/2015	22:25	5.4	ENE	03/03/2015	06:00	3.1	NE	03/03/2015	13:35	3.1	E
02/03/2015	22:30	4.5	ENE	03/03/2015	06:05	2.2	ENE	03/03/2015	13:40	3.1	E
02/03/2015	22:35	3.6	ENE	03/03/2015	06:10	2.7	NE	03/03/2015	13:45	3.1	E
02/03/2015	22:40	3.1	ENE	03/03/2015	06:15	1.3	SW	03/03/2015	13:50	2.2	E
02/03/2015	22:45	3.1	ENE	03/03/2015	06:20	1.3	W	03/03/2015	13:55	1.8	ENE
02/03/2015	22:50	3.1	ENE	03/03/2015	06:25	1.3	ENE	03/03/2015	14:00	1.3	E
02/03/2015	22:55	1.8	E	03/03/2015	06:30	4	ENE	03/03/2015	14:05	1.3	NNE
02/03/2015	23:00	3.6	ENE	03/03/2015	06:35	2.7	ENE	03/03/2015	14:10	2.7	ENE
02/03/2015	23:05	3.6	ENE	03/03/2015	06:40	4.5	E	03/03/2015	14:15	2.2	E
02/03/2015	23:10	3.6	ENE	03/03/2015	06:45	4.9	ENE	03/03/2015	14:20	2.2	WNW
02/03/2015	23:15	2.7	NE	03/03/2015	06:50	5.8	ENE	03/03/2015	14:25	2.7	NE
02/03/2015	23:20	3.1	ENE	03/03/2015	06:55	4	ENE	03/03/2015	14:30	1.3	NE
02/03/2015	23:25	3.6	ENE	03/03/2015	07:00	4.9	NE	03/03/2015	14:35	2.2	NE
02/03/2015	23:30	4	E	03/03/2015	07:05	4.9	NE	03/03/2015	14:40	3.6	E
02/03/2015	23:35	2.7	ENE	03/03/2015	07:10	6.3	ENE	03/03/2015	14:45	3.6	E
02/03/2015	23:40	3.6	E	03/03/2015	07:15	6.3	ENE	03/03/2015	14:50	2.2	NE
02/03/2015	23:45	4.5	ENE	03/03/2015	07:20	6.7	ENE	03/03/2015	14:55	2.2	ENE
02/03/2015	23:50	5.4	ENE	03/03/2015	07:25	6.7	ENE	03/03/2015	15:00	1.3	NW
02/03/2015	23:55	4.9	ENE	03/03/2015	07:30	7.2	ENE	03/03/2015	15:05	1.3	NNE
03/03/2015	00:00	5.8	E	03/03/2015	07:35	6.3	ENE	03/03/2015	15:10	0.9	NNE
03/03/2015	00:05	5.8	ENE	03/03/2015	07:40	6.3	ENE	03/03/2015	15:15	2.2	E
03/03/2015	00:10	4.9	ENE	03/03/2015	07:45	5.8	ENE	03/03/2015	15:20	1.3	E
03/03/2015	00:15	3.6	NE	03/03/2015	07:50	6.3	ENE	03/03/2015	15:25	1.3	NNE
03/03/2015	00:20	4	NE	03/03/2015	07:55	5.8	ENE	03/03/2015	15:30	2.2	NW
03/03/2015	00:25	3.1	NE	03/03/2015	08:00	4.9	ENE	03/03/2015	15:35	1.8	WNW
03/03/2015	00:30	3.1	ENE	03/03/2015	08:05	4	ENE	03/03/2015	15:40	1.3	NNW
03/03/2015	00:35	4.9	NE	03/03/2015	08:10	5.8	NE	03/03/2015	15:45	1.8	ENE
03/03/2015	00:40	5.4	ENE	03/03/2015	08:15	4.9	ENE	03/03/2015	15:50	1.8	N
03/03/2015	00:45	6.3	NE	03/03/2015	08:20	5.4	ENE	03/03/2015	15:55	2.7	NW
03/03/2015	00:50	6.7	NE	03/03/2015	08:25	6.7	ENE	03/03/2015	16:00	1.8	WNW
03/03/2015	00:55	6.3	NE	03/03/2015	08:30	5.8	ENE	03/03/2015	16:05	2.2	N
03/03/2015	01:00	5.4	NE	03/03/2015	08:35	5.8	ENE	03/03/2015	16:10	1.8	NW
03/03/2015	01:05	4.5	NE	03/03/2015	08:40	5.8	ENE	03/03/2015	16:15	1.8	E
03/03/2015	01:10	4	NE	03/03/2015	08:45	5.4	NE	03/03/2015	16:20	1.3	ENE
03/03/2015	01:15	5.4	NE	03/03/2015	08:50	5.4	ENE	03/03/2015	16:25	1.8	E
03/03/2015	01:20	5.8	NE	03/03/2015	08:55	5.8	NE	03/03/2015	16:30	1.3	ESE
03/03/2015	01:25	5.4	NE	03/03/2015	09:00	4.9	ENE	03/03/2015	16:35	1.3	NNW
03/03/2015	01:30	4.5	NE	03/03/2015	09:05	4.5	ENE	03/03/2015	16:40	2.2	NNE
03/03/2015	01:35	4	NE	03/03/2015	09:10	4.9	NE	03/03/2015	16:45	0.9	E
03/03/2015	01:40	3.1	ENE	03/03/2015	09:15	4.9	ENE	03/03/2015	16:50	1.8	ENE
03/03/2015	01:45	3.6	E	03/03/2015	09:20	5.4	NE	03/03/2015	16:55	1.3	ENE
03/03/2015	01:50	3.1	E	03/03/2015	09:25	5.4	ENE	03/03/2015	17:00	1.3	ENE
03/03/2015	01:55	3.6	ENE	03/03/2015	09:30	5.4	ENE	03/03/2015	17:05	1.8	WNW
03/03/2015	02:00	4	ENE	03/03/2015	09:35	4.9	ENE	03/03/2015	17:10	1.3	ENE
03/03/2015	02:05	4.9	ENE	03/03/2015	09:40	4.5	NE	03/03/2015	17:15	1.8	ENE
03/03/2015	02:10	4.9	E	03/03/2015	09:45	4	ENE	03/03/2015	17:20	2.2	ENE
03/03/2015	02:15	4.9	E	03/03/2015	09:50	4.5	ENE	03/03/2015	17:25	1.3	WNW
03/03/2015	02:20	5.4	ENE	03/03/2015	09:55	4	ENE	03/03/2015	17:30	1.3	WNW
03/03/2015	02:25	5.4	ENE	03/03/2015	10:00	4.5	ENE	03/03/2015	17:35	1.3	W
03/03/2015	02:30	6.3	ENE	03/03/2015	10:05	4	NE	03/03/2015	17:40	2.2	NNE
03/03/2015	02:35	5.8	ENE	03/03/2015	10:10	5.4	NE	03/03/2015	17:45	1.8	W
03/03/2015	02:40	5.8	E	03/03/2015	10:15	4.9	NE	03/03/2015	17:50	1.3	ENE
03/03/2015	02:45	6.3	ENE	03/03/2015	10:20	5.4	NE	03/03/2015	17:55	1.3	W
03/03/2015	02:50	6.7	E	03/03/2015	10:25	4.9	ENE	03/03/2015	18:00	0.4	W
03/03/2015	02:55	5.4	E	03/03/2015	10:30	5.4	ENE	03/03/2015	18:05	1.3	N
03/03/2015	03:00	5.4	E	03/03/2015	10:35	4.5	ENE	03/03/2015	18:10	1.3	NW
03/03/2015	03:05	4.9	ENE	03/03/2015	10:40	4	NE	03/03/2015	18:15	1.8	NNW
03/03/2015	03:10	4	ENE	03/03/2015	10:45	4.9	NE	03/03/2015	18:20	1.8	WNW
03/03/2015	03:15	5.8	ENE	03/03/2015	10:50	4.5	ENE	03/03/2015	18:25	3.1	NNE
03/03/2015	03:20	4.9	ENE	03/03/2015	10:55	5.4	NE	03/03/2015	18:30	3.1	NE
03/03/2015	03:25	4.5	E	03/03/2015	11:00	4.5	NE	03/03/2015	18:35	2.7	NNE
03/03/2015	03:30	4.5	E	03/03/2015	11:05	5.4	ENE	03/03/2015	18:40	3.1	NNE
03/03/2015	03:35	4	E	03/03/2015	11:10	5.8	NE	03/03/2015	18:45	2.2	N
03/03/2015	03:40	3.6	E	03/03/2015	11:15	5.4	ENE	03/03/2015	18:50	1.3	N
03/03/2015	03:45	4	ENE	03/03/2015	11:20	4	NE	03/03/2015	18:55	0.4	NNE
03/03/2015	03:50	4	ENE	03/03/2015	11:25	4	NE	03/03/2015	19:00	0.4	NNE
03/03/2015	03:55	4.5	E	03/03/2015	11:30	4	ENE	03/03/2015	19:05	0.4	NNE
03/03/2015	04:00	4.9	ENE	03/03/2015	11:35	4.9	ENE	03/03/2015	19:10	0.4	NW
03/03/2015	04:05	4	E	03/03/2015	11:40	4.5	ENE	03/03/2015	19:15	0.4	NW
03/03/2015	04:10	3.1	ENE	03/03/2015	11:45	4	NE	03/03/2015	19:20	0.4	NNW
03/03/2015	04:15	4	ENE	03/03/2015	11:50	4.5	ENE	03/03/2015	19:25	0.9	NNW0
03/03/2015	04:20	4.5	ENE	03/03/2015	11:55	5.4	ENE	03/03/2015	19:30	0.4	N
03/03/2015	04:25	5.4	ENE	03/03/2015	12:00	5.4	NE	03/03/2015	19:35	0.4	WNW
03/03/2015	04:30	6.3	ENE	03/03/2015	12:05	5.4	NE	03/03/2015	19:40	0.4	N
03/03/2015	04:35	5.4	ENE	03/03/2015	12:10	4.9	ENE	03/03/2015	19:45	0.4	N
03/03/2015	04:40	4	ENE	03/03/2015	12:15	4.5	ENE	03/03/2015	19:50	0.4	WNW
03/03/2015	04:45	4.9	E	03/03/2015	12:20	5.4	NE	03/03/2015	19:55	0.9	ESE
03/03/2015	04:50	3.6	E	03/03/2015	12:25	4.9	ENE	03/03/2015	20:00	0.4	ESE
03/03/2015	04:55	3.1	E	03/03/2015	12:30	4.5	ENE	03/03/2015	20:05	0.4	ESE
03/03/2015	05:00	3.1	E	03/03/2015	12:35	4.9	ENE	03/03/2015	20:10	0.4	ESE
03/03/2015	05:05	2.7	E	03/03/2015	12:40	4.9	ENE	03/03/2015	20:15	0.9	WSW

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

Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction
03/03/2015	20:20	0.4	WNW	04/03/2015	03:55	0.4	WSW	04/03/2015	11:30	4.5	ENE
03/03/2015	20:25	0.9	WNW	04/03/2015	04:00	0.9	WSW	04/03/2015	11:35	4.5	E
03/03/2015	20:30	1.3	WNW	04/03/2015	04:05	0.9	WSW	04/03/2015	11:40	3.6	E
03/03/2015	20:35	2.7	WNW	04/03/2015	04:10	0.9	WSW	04/03/2015	11:45	4	E
03/03/2015	20:40	3.6	W	04/03/2015	04:15	0.4	SW	04/03/2015	11:50	4	E
03/03/2015	20:45	3.1	W	04/03/2015	04:20	0.4	WSW	04/03/2015	11:55	2.2	ENE
03/03/2015	20:50	2.7	W	04/03/2015	04:25	0.4	SW	04/03/2015	12:00	2.7	ENE
03/03/2015	20:55	0.9	W	04/03/2015	04:30	0.9	WSW	04/03/2015	12:05	4.9	E
03/03/2015	21:00	0.4	WSW	04/03/2015	04:35	1.3	WNW	04/03/2015	12:10	4.5	ENE
03/03/2015	21:05	2.2	W	04/03/2015	04:40	2.2	W	04/03/2015	12:15	3.6	ENE
03/03/2015	21:10	1.3	WSW	04/03/2015	04:45	1.3	W	04/03/2015	12:20	5.8	ENE
03/03/2015	21:15	1.3	W	04/03/2015	04:50	1.8	W	04/03/2015	12:25	4	E
03/03/2015	21:20	0.9	WSW	04/03/2015	04:55	1.3	W	04/03/2015	12:30	4.5	E
03/03/2015	21:25	1.8	W	04/03/2015	05:00	1.3	WNW	04/03/2015	12:35	3.6	E
03/03/2015	21:30	1.8	W	04/03/2015	05:05	0.9	WNW	04/03/2015	12:40	3.6	ENE
03/03/2015	21:35	1.8	W	04/03/2015	05:10	0.4	WNW	04/03/2015	12:45	4.5	E
03/03/2015	21:40	1.3	W	04/03/2015	05:15	0.4	WNW	04/03/2015	12:50	4.5	E
03/03/2015	21:45	2.7	W	04/03/2015	05:20	0.9	N	04/03/2015	12:55	4.5	E
03/03/2015	21:50	2.7	W	04/03/2015	05:25	1.3	N	04/03/2015	13:00	4	E
03/03/2015	21:55	3.1	W	04/03/2015	05:30	0.4	NNE	04/03/2015	13:05	4	ENE
03/03/2015	22:00	2.2	W	04/03/2015	05:35	0.9	NNE	04/03/2015	13:10	3.6	E
03/03/2015	22:05	2.7	W	04/03/2015	05:40	0.9	NE	04/03/2015	13:15	4.5	E
03/03/2015	22:10	3.1	W	04/03/2015	05:45	0.4	N	04/03/2015	13:20	3.6	E
03/03/2015	22:15	2.2	W	04/03/2015	05:50	0.4	NNE	04/03/2015	13:25	3.6	ENE
03/03/2015	22:20	2.2	W	04/03/2015	05:55	0.4	NNE	04/03/2015	13:30	3.6	E
03/03/2015	22:25	2.7	W	04/03/2015	06:00	1.3	N	04/03/2015	13:35	3.6	E
03/03/2015	22:30	2.7	W	04/03/2015	06:05	0.4	N	04/03/2015	13:40	3.6	E
03/03/2015	22:35	2.7	W	04/03/2015	06:10	0.4	N	04/03/2015	13:45	3.6	ENE
03/03/2015	22:40	3.1	W	04/03/2015	06:15	0.4	N	04/03/2015	13:50	4.9	E
03/03/2015	22:45	3.1	WNW	04/03/2015	06:20	0.4	WSW	04/03/2015	13:55	3.1	E
03/03/2015	22:50	3.1	W	04/03/2015	06:25	0.9	WSW	04/03/2015	14:00	3.6	E
03/03/2015	22:55	3.1	W	04/03/2015	06:30	0.4	WSW	04/03/2015	14:05	3.6	E
03/03/2015	23:00	2.7	W	04/03/2015	06:35	0.9	NE	04/03/2015	14:10	3.1	E
03/03/2015	23:05	3.6	W	04/03/2015	06:40	1.3	NE	04/03/2015	14:15	3.1	ENE
03/03/2015	23:10	3.1	W	04/03/2015	06:45	1.3	NE	04/03/2015	14:20	4.5	E
03/03/2015	23:15	2.7	W	04/03/2015	06:50	1.3	NNE	04/03/2015	14:25	4	E
03/03/2015	23:20	3.1	W	04/03/2015	06:55	1.3	NNE	04/03/2015	14:30	4.5	E
03/03/2015	23:25	2.2	W	04/03/2015	07:00	1.3	NNE	04/03/2015	14:35	4	E
03/03/2015	23:30	3.1	W	04/03/2015	07:05	0.4	NNE	04/03/2015	14:40	4.5	E
03/03/2015	23:35	3.1	W	04/03/2015	07:10	0.4	ENE	04/03/2015	14:45	4.5	E
03/03/2015	23:40	2.7	W	04/03/2015	07:15	0.4	NE	04/03/2015	14:50	4.9	E
03/03/2015	23:45	2.7	W	04/03/2015	07:20	0.4	ENE	04/03/2015	14:55	4.9	E
03/03/2015	23:50	2.7	W	04/03/2015	07:25	0.4	ENE	04/03/2015	15:00	5.4	E
03/03/2015	23:55	3.6	W	04/03/2015	07:30	0.9	NE	04/03/2015	15:05	5.4	E
04/03/2015	00:00	2.7	W	04/03/2015	07:35	0.4	ENE	04/03/2015	15:10	5.8	ENE
04/03/2015	00:05	1.3	W	04/03/2015	07:40	1.3	NE	04/03/2015	15:15	4.9	E
04/03/2015	00:10	1.8	WSW	04/03/2015	07:45	0.4	ENE	04/03/2015	15:20	4.9	E
04/03/2015	00:15	1.8	WSW	04/03/2015	07:50	0.4	ENE	04/03/2015	15:25	4.9	E
04/03/2015	00:20	1.8	WSW	04/03/2015	07:55	0.4	NE	04/03/2015	15:30	4.9	E
04/03/2015	00:25	1.3	WSW	04/03/2015	08:00	0.4	NE	04/03/2015	15:35	5.4	E
04/03/2015	00:30	1.8	WSW	04/03/2015	08:05	0.9	ENE	04/03/2015	15:40	4.9	E
04/03/2015	00:35	1.8	SW	04/03/2015	08:10	1.8	ENE	04/03/2015	15:45	4	E
04/03/2015	00:40	2.7	WSW	04/03/2015	08:15	1.3	NNE	04/03/2015	15:50	4.9	ENE
04/03/2015	00:45	1.8	SW	04/03/2015	08:20	1.8	NE	04/03/2015	15:55	5.8	E
04/03/2015	00:50	1.8	SW	04/03/2015	08:25	1.8	NE	04/03/2015	16:00	4.5	E
04/03/2015	00:55	1.3	SSW	04/03/2015	08:30	1.3	ENE	04/03/2015	16:05	4.5	E
04/03/2015	01:00	1.3	SSW	04/03/2015	08:35	2.2	NE	04/03/2015	16:10	5.8	E
04/03/2015	01:05	1.3	SW	04/03/2015	08:40	1.8	NE	04/03/2015	16:15	7.2	E
04/03/2015	01:10	0.4	SSW	04/03/2015	08:45	1.3	NE	04/03/2015	16:20	7.2	E
04/03/2015	01:15	1.3	W	04/03/2015	08:50	1.3	N	04/03/2015	16:25	6.3	ENE
04/03/2015	01:20	0.9	SSW	04/03/2015	08:55	0.9	NNW	04/03/2015	16:30	5.8	ENE
04/03/2015	01:25	1.3	SSW	04/03/2015	09:00	0.9	NE	04/03/2015	16:35	7.2	ENE
04/03/2015	01:30	1.3	WSW	04/03/2015	09:05	0.4	NE	04/03/2015	16:40	5.8	E
04/03/2015	01:35	0.9	W	04/03/2015	09:10	0.4	WSW	04/03/2015	16:45	5.4	ENE
04/03/2015	01:40	1.3	WSW	04/03/2015	09:15	0.9	NW	04/03/2015	16:50	6.3	E
04/03/2015	01:45	1.8	SW	04/03/2015	09:20	1.8	WNW	04/03/2015	16:55	5.8	E
04/03/2015	01:50	2.2	WSW	04/03/2015	09:25	1.8	WNW	04/03/2015	17:00	6.7	E
04/03/2015	01:55	1.8	W	04/03/2015	09:30	0.9	WNW	04/03/2015	17:05	6.3	E
04/03/2015	02:00	2.2	W	04/03/2015	09:35	2.2	NE	04/03/2015	17:10	7.2	E
04/03/2015	02:05	1.8	WSW	04/03/2015	09:40	2.7	NNE	04/03/2015	17:15	5.8	ENE
04/03/2015	02:10	0.9	WSW	04/03/2015	09:45	3.6	NNE	04/03/2015	17:20	7.2	E
04/03/2015	02:15	1.8	WSW	04/03/2015	09:50	4	ENE	04/03/2015	17:25	5.4	E
04/03/2015	02:20	2.7	WSW	04/03/2015	09:55	3.1	NE	04/03/2015	17:30	6.3	ENE
04/03/2015	02:25	2.2	WSW	04/03/2015	10:00	3.6	NE	04/03/2015	17:35	4.5	ENE
04/03/2015	02:30	2.2	WSW	04/03/2015	10:05	4.9	NE	04/03/2015	17:40	4.5	ENE
04/03/2015	02:35	1.8	WSW	04/03/2015	10:10	3.6	NE	04/03/2015	17:45	3.6	ENE
04/03/2015	02:40	1.8	WSW	04/03/2015	10:15	3.6	NE	04/03/2015	17:50	4.9	E
04/03/2015	02:45	1.3	W	04/03/2015	10:20	3.1	NNE	04/03/2015	17:55	5.8	E
04/03/2015	02:50	0.9	W	04/03/2015	10:25	3.1	NNE	04/03/2015	18:00	5.8	E
04/03/2015	02:55	0.9	WSW	04/03/2015	10:30	2.2	ENE	04/03/2015	18:05	5.4	E
04/03/2015	03:00	1.3	W	04/03/2015	10:35	2.2	NE	04/03/2015	18:10	4.9	ENE
04/03/2015	03:05	1.3	W	04/03/2015	10:40	2.2	ENE	04/03/2015	18:15	4	E
04/03/2015	03:10	1.3	W	04/03/2015	10:45	3.1	NE	04/03/2015	18:20	4.9	ENE
04/03/2015	03:15	1.3	W	04/03/2015	10:50	4.5	ENE	04/03/2015	18:25	4	ENE
04/03/2015	03:20	0.9	NW	04/03/2015	10:55	3.6	NE	04/03/2015	18:30	3.6	ENE
04/03/2015	03:25	0.9	W	04/03/2015	11:00	2.7	ENE	04/03/2015	18:35	5.4	ENE
04/03/2015	03:30	0.9	W	04/03/2015	11:05	2.7	ENE	04/03/2015	18:40	5.4	ENE
04/03/2015	03:35	0.4	WSW	04/03/2015	11:10	2.2	E	04/03/2015	18:45	4.5	ENE
04/03/2015	03:40	0.4	WSW	04/03/2015	11:15	4.9	ENE	04/03/2015	18:50	6.3	ENE
04/03/2015	03:45	0.4	WSW	04/03/2015	11:20	4	ENE	04/03/2015	18:55	4.9	ENE
04/03/2015	03:50	0.4	WSW	04/03/2015	11:25	4.5	E	04/03/2015	19:00	5.4	ENE

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

Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction
04/03/2015	19:05	4.9	ENE	05/03/2015	02:40	6.7	NE	05/03/2015	10:15	6.7	NE
04/03/2015	19:10	5.8	ENE	05/03/2015	02:45	6.7	NE	05/03/2015	10:20	8.5	NE
04/03/2015	19:15	6.3	ENE	05/03/2015	02:50	5.8	ENE	05/03/2015	10:25	8.5	NE
04/03/2015	19:20	5.4	ENE	05/03/2015	02:55	7.2	NE	05/03/2015	10:30	8.5	NE
04/03/2015	19:25	4.5	ENE	05/03/2015	03:00	6.3	NE	05/03/2015	10:35	8	NE
04/03/2015	19:30	4.9	E	05/03/2015	03:05	8	NE	05/03/2015	10:40	8.9	NE
04/03/2015	19:35	5.8	E	05/03/2015	03:10	6.3	NE	05/03/2015	10:45	9.4	NE
04/03/2015	19:40	5.8	ENE	05/03/2015	03:15	7.6	ENE	05/03/2015	10:50	8.9	NE
04/03/2015	19:45	5.4	ENE	05/03/2015	03:20	5.4	ENE	05/03/2015	10:55	8.9	NE
04/03/2015	19:50	6.3	ENE	05/03/2015	03:25	6.3	ENE	05/03/2015	11:00	9.4	NE
04/03/2015	19:55	4	NE	05/03/2015	03:30	5.8	NE	05/03/2015	11:05	9.4	NE
04/03/2015	20:00	4	ENE	05/03/2015	03:35	7.6	ENE	05/03/2015	11:10	8.5	ENE
04/03/2015	20:05	5.4	ENE	05/03/2015	03:40	7.6	NE	05/03/2015	11:15	8.9	ENE
04/03/2015	20:10	5.4	ENE	05/03/2015	03:45	9.4	NE	05/03/2015	11:20	9.4	NE
04/03/2015	20:15	5.8	ENE	05/03/2015	03:50	8.9	NE	05/03/2015	11:25	9.4	NE
04/03/2015	20:20	5.8	ENE	05/03/2015	03:55	8	NE	05/03/2015	11:30	9.4	NE
04/03/2015	20:25	5.8	ENE	05/03/2015	04:00	8.5	NE	05/03/2015	11:35	9.4	ENE
04/03/2015	20:30	4.5	ENE	05/03/2015	04:05	8.9	NE	05/03/2015	11:40	8.5	ENE
04/03/2015	20:35	5.4	ENE	05/03/2015	04:10	8.5	NE	05/03/2015	11:45	8.9	NE
04/03/2015	20:40	5.4	E	05/03/2015	04:15	8	NE	05/03/2015	11:50	7.6	NE
04/03/2015	20:45	4.9	ENE	05/03/2015	04:20	8.9	NE	05/03/2015	11:55	5.8	NE
04/03/2015	20:50	5.4	NE	05/03/2015	04:25	8.5	NE	05/03/2015	12:00	7.6	ENE
04/03/2015	20:55	5.4	NE	05/03/2015	04:30	8.9	NE	05/03/2015	12:05	6.7	ENE
04/03/2015	21:00	6.3	NE	05/03/2015	04:35	9.8	NE	05/03/2015	12:10	7.6	ENE
04/03/2015	21:05	7.2	NE	05/03/2015	04:40	8.9	NE	05/03/2015	12:15	7.2	ENE
04/03/2015	21:10	7.2	NE	05/03/2015	04:45	8	NE	05/03/2015	12:20	7.6	NE
04/03/2015	21:15	6.7	NE	05/03/2015	04:50	8.5	ENE	05/03/2015	12:25	8.5	ENE
04/03/2015	21:20	4.9	NE	05/03/2015	04:55	7.2	NE	05/03/2015	12:30	6.3	NE
04/03/2015	21:25	4.9	NE	05/03/2015	05:00	7.2	NE	05/03/2015	12:35	7.2	NE
04/03/2015	21:30	6.3	ENE	05/03/2015	05:05	5.8	NE	05/03/2015	12:40	8	NE
04/03/2015	21:35	5.8	ENE	05/03/2015	05:10	8	NE	05/03/2015	12:45	7.2	ENE
04/03/2015	21:40	4.9	ENE	05/03/2015	05:15	6.3	NE	05/03/2015	12:50	7.6	ENE
04/03/2015	21:45	7.2	NE	05/03/2015	05:20	6.3	NE	05/03/2015	12:55	7.6	NE
04/03/2015	21:50	5.8	NE	05/03/2015	05:25	6.7	NE	05/03/2015	13:00	7.2	ENE
04/03/2015	21:55	5.4	NE	05/03/2015	05:30	6.3	ENE	05/03/2015	13:05	8.5	ENE
04/03/2015	22:00	5.4	ENE	05/03/2015	05:35	5.4	ENE	05/03/2015	13:10	7.6	ENE
04/03/2015	22:05	4	NE	05/03/2015	05:40	5.4	NE	05/03/2015	13:15	8	ENE
04/03/2015	22:10	5.4	NE	05/03/2015	05:45	3.6	NW	05/03/2015	13:20	6.3	ENE
04/03/2015	22:15	6.3	NE	05/03/2015	05:50	4	NNW	05/03/2015	13:25	6.3	ENE
04/03/2015	22:20	5.8	ENE	05/03/2015	05:55	3.1	WNW	05/03/2015	13:30	7.2	ENE
04/03/2015	22:25	5.8	ENE	05/03/2015	06:00	4.5	NW	05/03/2015	13:35	6.7	ENE
04/03/2015	22:30	5.8	ENE	05/03/2015	06:05	3.1	NW	05/03/2015	13:40	7.2	NE
04/03/2015	22:35	5.8	ENE	05/03/2015	06:10	2.7	W	05/03/2015	13:45	6.7	ENE
04/03/2015	22:40	5.4	E	05/03/2015	06:15	2.7	W	05/03/2015	13:50	7.6	ENE
04/03/2015	22:45	5.8	ENE	05/03/2015	06:20	2.2	WNW	05/03/2015	13:55	7.2	NE
04/03/2015	22:50	4.5	E	05/03/2015	06:25	3.1	NNW	05/03/2015	14:00	8.5	NE
04/03/2015	22:55	4.5	ENE	05/03/2015	06:30	3.6	N	05/03/2015	14:05	8	NE
04/03/2015	23:00	4.9	E	05/03/2015	06:35	4.9	N	05/03/2015	14:10	7.2	NE
04/03/2015	23:05	4.9	ENE	05/03/2015	06:40	4.5	NNE	05/03/2015	14:15	7.2	ENE
04/03/2015	23:10	4.5	ENE	05/03/2015	06:45	5.4	NE	05/03/2015	14:20	4.9	E
04/03/2015	23:15	4	ENE	05/03/2015	06:50	6.3	NE	05/03/2015	14:25	4.5	ENE
04/03/2015	23:20	3.6	NE	05/03/2015	06:55	4.5	NE	05/03/2015	14:30	4.5	ENE
04/03/2015	23:25	5.4	E	05/03/2015	07:00	4	NE	05/03/2015	14:35	4.5	NE
04/03/2015	23:30	4.5	E	05/03/2015	07:05	5.4	ENE	05/03/2015	14:40	3.1	NE
04/03/2015	23:35	4.5	E	05/03/2015	07:10	5.8	ENE	05/03/2015	14:45	5.8	ENE
04/03/2015	23:40	4.5	E	05/03/2015	07:15	4.5	NE	05/03/2015	14:50	6.7	ENE
04/03/2015	23:45	4.5	NE	05/03/2015	07:20	4	NE	05/03/2015	14:55	6.3	ENE
04/03/2015	23:50	5.4	ENE	05/03/2015	07:25	4	NW	05/03/2015	15:00	5.8	ENE
04/03/2015	23:55	5.4	E	05/03/2015	07:30	4.9	NW	05/03/2015	15:05	4	NE
05/03/2015	00:00	5.4	ENE	05/03/2015	07:35	4.5	NW	05/03/2015	15:10	2.2	E
05/03/2015	00:05	4.5	ENE	05/03/2015	07:40	2.2	WNW	05/03/2015	15:15	3.6	NE
05/03/2015	00:10	4.9	E	05/03/2015	07:45	4	N	05/03/2015	15:20	1.3	NE
05/03/2015	00:15	4.5	NE	05/03/2015	07:50	3.6	NW	05/03/2015	15:25	2.7	W
05/03/2015	00:20	5.4	E	05/03/2015	07:55	3.1	NW	05/03/2015	15:30	2.7	NNW
05/03/2015	00:25	5.4	ENE	05/03/2015	08:00	3.6	N	05/03/2015	15:35	1.3	SSE
05/03/2015	00:30	6.7	ENE	05/03/2015	08:05	4.5	N	05/03/2015	15:40	1.8	SW
05/03/2015	00:35	6.3	ENE	05/03/2015	08:10	3.6	ENE	05/03/2015	15:45	0.9	NNE
05/03/2015	00:40	6.3	ENE	05/03/2015	08:15	3.6	NW	05/03/2015	15:50	2.7	NE
05/03/2015	00:45	5.8	ENE	05/03/2015	08:20	3.1	NNW	05/03/2015	15:55	2.2	NE
05/03/2015	00:50	7.2	ENE	05/03/2015	08:25	3.1	N	05/03/2015	16:00	2.2	N
05/03/2015	00:55	5.4	ENE	05/03/2015	08:30	2.7	NNE	05/03/2015	16:05	2.2	ENE
05/03/2015	01:00	6.3	ENE	05/03/2015	08:35	3.1	W	05/03/2015	16:10	4.5	E
05/03/2015	01:05	6.7	ENE	05/03/2015	08:40	4	WNW	05/03/2015	16:15	3.6	ENE
05/03/2015	01:10	6.7	ENE	05/03/2015	08:45	2.7	NNE	05/03/2015	16:20	3.1	E
05/03/2015	01:15	8	NE	05/03/2015	08:50	3.1	NE	05/03/2015	16:25	4	E
05/03/2015	01:20	6.7	NE	05/03/2015	08:55	3.6	W	05/03/2015	16:30	7.2	E
05/03/2015	01:25	5.8	ENE	05/03/2015	09:00	2.7	WNW	05/03/2015	16:35	5.4	ENE
05/03/2015	01:30	5.8	NE	05/03/2015	09:05	3.6	NNW	05/03/2015	16:40	4.9	E
05/03/2015	01:35	6.7	ENE	05/03/2015	09:10	2.7	W	05/03/2015	16:45	7.2	ENE
05/03/2015	01:40	7.6	NE	05/03/2015	09:15	4	NW	05/03/2015	16:50	3.6	E
05/03/2015	01:45	8	NE	05/03/2015	09:20	3.1	NNW	05/03/2015	16:55	3.6	E
05/03/2015	01:50	8	ENE	05/03/2015	09:25	3.1	WNW	05/03/2015	17:00	4.9	E
05/03/2015	01:55	7.6	ENE	05/03/2015	09:30	3.1	WNW	05/03/2015	17:05	4.9	E
05/03/2015	02:00	7.2	ENE	05/03/2015	09:35	4	W	05/03/2015	17:10	3.6	ENE
05/03/2015	02:05	6.7	ENE	05/03/2015	09:40	3.1	N	05/03/2015	17:15	2.7	NNW
05/03/2015	02:10	7.2	NE	05/03/2015	09:45	2.7	NNE	05/03/2015	17:20	0.4	E
05/03/2015	02:15	6.7	NE	05/03/2015	09:50	4.9	NNE	05/03/2015	17:25	2.7	WSW
05/03/2015	02:20	7.2	NE	05/03/2015	09:55	4	NE	05/03/2015	17:30	3.6	NW
05/03/2015	02:25	6.3	NE	05/03/2015	10:00	4	NNE	05/03/2015	17:35	3.1	NW
05/03/2015	02:30	5.4	NE	05/03/2015	10:05	4.9	N	05/03/2015	17:40	1.8	NNW
05/03/2015	02:35	7.6	ENE	05/03/2015	10:10	5.4	NE	05/03/2015	17:45	0.9	NNE

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

Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction
05/03/2015	17:50	1.3	NNE
05/03/2015	17:55	1.3	E
05/03/2015	18:00	1.8	ENE
05/03/2015	18:05	1.8	ENE
05/03/2015	18:10	0.4	ENE
05/03/2015	18:15	3.6	ENE
05/03/2015	18:20	4	E
05/03/2015	18:25	4	ENE
05/03/2015	18:30	2.7	E
05/03/2015	18:35	2.7	ENE
05/03/2015	18:40	3.1	E
05/03/2015	18:45	2.7	ENE
05/03/2015	18:50	1.3	E
05/03/2015	18:55	1.3	E
05/03/2015	19:00	1.8	NE
05/03/2015	19:05	3.6	ENE
05/03/2015	19:10	3.1	E
05/03/2015	19:15	4	ENE
05/03/2015	19:20	3.6	ENE
05/03/2015	19:25	4	ENE
05/03/2015	19:30	5.8	E
05/03/2015	19:35	5.8	ENE
05/03/2015	19:40	5.8	ENE
05/03/2015	19:45	4.9	E
05/03/2015	19:50	4.5	ENE
05/03/2015	19:55	3.1	ENE
05/03/2015	20:00	4.5	ENE
05/03/2015	20:05	5.4	ENE
05/03/2015	20:10	3.1	E
05/03/2015	20:15	4	E
05/03/2015	20:20	4	ENE
05/03/2015	20:25	4.5	ENE
05/03/2015	20:30	4.9	ENE
05/03/2015	20:35	5.4	ENE
05/03/2015	20:40	4	ENE
05/03/2015	20:45	4.5	ENE
05/03/2015	20:50	4.9	E
05/03/2015	20:55	3.1	E
05/03/2015	21:00	3.6	E
05/03/2015	21:05	2.7	NE
05/03/2015	21:10	0.9	WNW
05/03/2015	21:15	2.2	E
05/03/2015	21:20	3.1	NE
05/03/2015	21:25	3.6	ENE
05/03/2015	21:30	4.9	ENE
05/03/2015	21:35	4.9	NE
05/03/2015	21:40	5.4	NE
05/03/2015	21:45	4.5	ENE
05/03/2015	21:50	3.6	E
05/03/2015	21:55	2.7	NE
05/03/2015	22:00	2.2	NE
05/03/2015	22:05	1.3	NE
05/03/2015	22:10	2.2	NE
05/03/2015	22:15	1.8	NE
05/03/2015	22:20	1.3	ENE
05/03/2015	22:25	1.3	NNE
05/03/2015	22:30	0.9	NW
05/03/2015	22:35	0.9	NNE
05/03/2015	22:40	0.9	S
05/03/2015	22:45	1.3	N
05/03/2015	22:50	1.3	ENE
05/03/2015	22:55	0.9	NE
05/03/2015	23:00	0.9	ENE
05/03/2015	23:05	1.3	WNW
05/03/2015	23:10	0.9	WNW
05/03/2015	23:15	1.3	W
05/03/2015	23:20	1.3	NNW
05/03/2015	23:25	2.2	NE
05/03/2015	23:30	1.8	WNW
05/03/2015	23:35	0.9	NW
05/03/2015	23:40	0.9	N
05/03/2015	23:45	1.3	NE
05/03/2015	23:50	1.8	NE
05/03/2015	23:55	0.4	NW
06/03/2015	00:00	1.3	NE
06/03/2015	00:05	2.2	NE
06/03/2015	00:10	1.8	ENE
06/03/2015	00:15	2.2	NE
06/03/2015	00:20	3.6	NE
06/03/2015	00:25	2.2	ENE
06/03/2015	00:30	3.6	ENE
06/03/2015	00:35	3.1	ENE
06/03/2015	00:40	4.5	NE
06/03/2015	00:45	4.5	NE
06/03/2015	00:50	4	NE
06/03/2015	00:55	4.9	NE
06/03/2015	01:00	2.2	ENE
06/03/2015	01:05	3.6	NE
06/03/2015	01:10	2.7	ENE
06/03/2015	01:15	0.9	ESE
06/03/2015	01:20	1.8	NE
06/03/2015	01:25	0.9	NNE
06/03/2015	01:30	1.8	ESE
06/03/2015	01:35	1.8	ENE
06/03/2015	01:40	2.7	E
06/03/2015	01:45	2.7	E
06/03/2015	01:50	2.7	ENE
06/03/2015	01:55	2.2	ENE
06/03/2015	02:00	2.7	NE
06/03/2015	02:05	4.5	NE
06/03/2015	02:10	4	NE
06/03/2015	02:15	3.1	E
06/03/2015	02:20	4	NE
06/03/2015	02:25	2.7	NE
06/03/2015	02:30	2.7	NE
06/03/2015	02:35	2.7	ENE
06/03/2015	02:40	2.2	NE
06/03/2015	02:45	2.7	NE
06/03/2015	02:50	4	NE
06/03/2015	02:55	4	NE
06/03/2015	03:00	4.5	NE
06/03/2015	03:05	3.6	NE
06/03/2015	03:10	4	NE
06/03/2015	03:15	4	NE
06/03/2015	03:20	2.7	NE
06/03/2015	03:25	1.8	ENE
06/03/2015	03:30	1.8	ENE
06/03/2015	03:35	1.8	ENE
06/03/2015	03:40	2.2	E
06/03/2015	03:45	2.7	NE
06/03/2015	03:50	2.7	NE
06/03/2015	03:55	2.2	ENE
06/03/2015	04:00	1.8	E
06/03/2015	04:05	2.7	ENE
06/03/2015	04:10	3.1	ENE
06/03/2015	04:15	2.2	ENE
06/03/2015	04:20	3.1	E
06/03/2015	04:25	3.1	ENE
06/03/2015	04:30	2.7	ENE
06/03/2015	04:35	3.1	NE
06/03/2015	04:40	3.6	NE
06/03/2015	04:45	4	NE
06/03/2015	04:50	4	NE
06/03/2015	04:55	4	NE
06/03/2015	05:00	4.5	NE
06/03/2015	05:05	4.5	NE
06/03/2015	05:10	4.5	NE
06/03/2015	05:15	3.6	ENE
06/03/2015	05:20	4.5	NE
06/03/2015	05:25	4	NE
06/03/2015	05:30	4	ENE
06/03/2015	05:35	4.5	NE
06/03/2015	05:40	3.6	NE
06/03/2015	05:45	4	ENE
06/03/2015	05:50	3.6	NE
06/03/2015	05:55	4.5	NE
06/03/2015	06:00	4	NE
06/03/2015	06:05	4	ENE
06/03/2015	06:10	4.5	ENE
06/03/2015	06:15	4.5	NE
06/03/2015	06:20	4	NE
06/03/2015	06:25	4	ENE
06/03/2015	06:30	4	ENE
06/03/2015	06:35	4	ENE
06/03/2015	06:40	4	NE
06/03/2015	06:45	4	NE
06/03/2015	06:50	3.6	NE
06/03/2015	06:55	3.1	E
06/03/2015	07:00	4	E
06/03/2015	07:05	4	ENE
06/03/2015	07:10	4	NE
06/03/2015	07:15	4.5	ENE
06/03/2015	07:20	4.9	ENE
06/03/2015	07:25	4.9	NE
06/03/2015	07:30	4	NE
06/03/2015	07:35	4	NE
06/03/2015	07:40	3.6	NE
06/03/2015	07:45	3.6	ENE
06/03/2015	07:50	4.5	ENE
06/03/2015	07:55	4.5	NE
06/03/2015	08:00	4.9	NE
06/03/2015	08:05	3.6	ENE
06/03/2015	08:10	2.7	E
06/03/2015	08:15	1.8	ENE
06/03/2015	08:20	1.8	NNE
06/03/2015	08:25	0.9	NNE
06/03/2015	08:30	1.8	NNE
06/03/2015	08:35	1.8	NNE
06/03/2015	08:40	0.9	ENE
06/03/2015	08:45	2.2	NE
06/03/2015	08:50	2.7	ENE
06/03/2015	08:55	2.7	ENE
06/03/2015	09:00	3.6	NE
06/03/2015	09:05	2.7	ENE
06/03/2015	09:10	3.1	NE
06/03/2015	09:15	2.2	E
06/03/2015	09:20	2.7	ENE
06/03/2015	09:25	4	ENE
06/03/2015	09:30	4.9	ENE
06/03/2015	09:35	5.4	NE
06/03/2015	09:40	5.4	ENE
06/03/2015	09:45	5.8	NE
06/03/2015	09:50	5.4	ENE
06/03/2015	09:55	4.9	ENE
06/03/2015	10:00	5.4	ENE
06/03/2015	10:05	5.4	NE
06/03/2015	10:10	5.8	ENE
06/03/2015	10:15	6.3	ENE
06/03/2015	10:20	6.3	E
06/03/2015	10:25	4.9	NE
06/03/2015	10:30	6.3	ENE
06/03/2015	10:35	6.3	ENE
06/03/2015	10:40	6.3	NE
06/03/2015	10:45	4.9	ENE
06/03/2015	10:50	6.3	NE
06/03/2015	10:55	6.7	ENE
06/03/2015	11:00	6.3	ENE
06/03/2015	11:05	5.8	NE
06/03/2015	11:10	6.7	NE
06/03/2015	11:15	6.3	NE
06/03/2015	11:20	6.7	NE
06/03/2015	11:25	6.3	NE
06/03/2015	11:30	6.3	NE
06/03/2015	11:35	5.4	NE
06/03/2015	11:40	4.5	ENE
06/03/2015	11:45	5.8	NE
06/03/2015	11:50	5.8	NE
06/03/2015	11:55	5.4	NE
06/03/2015	12:00	5.8	NE
06/03/2015	12:05	5.4	NE
06/03/2015	12:10	4.5	NE
06/03/2015	12:15	4.5	NE
06/03/2015	12:20	4.5	NE
06/03/2015	12:25	4.5	NE
06/03/2015	12:30	3.1	ENE
06/03/2015	12:35	4	ENE
06/03/2015	12:40	3.6	ENE
06/03/2015	12:45	2.7	NE
06/03/2015	12:50	3.6	NE
06/03/2015	12:55	2.7	NE
06/03/2015	13:00	2.7	NE
06/03/2015	13:05	1.3	ENE
06/03/2015	13:10	2.2	E
06/03/2015	13:15	2.7	E
06/03/2015	13:20	2.2	E
06/03/2015	13:25	2.7	E
06/03/2015	13:30	2.7	E
06/03/2015	13:35	1.8	ESE
06/03/2015	13:40	1.3	ENE
06/03/2015	13:45	1.3	SE
06/03/2015	13:50	1.3	SE
06/03/2015	13:55	0.9	ESE
06/03/2015	14:00	1.8	W
06/03/2015	14:05	2.2	WNW
06/03/2015	14:10	1.8	WNW
06/03/2015	14:15	2.2	WNW
06/03/2015	14:20	2.7	WNW
06/03/2015	14:25	1.8	WNW
06/03/2015	14:30	1.8	W
06/03/2015	14:35	1.8	W
06/03/2015	14:40	1.3	W
06/03/2015	14:45	0.9	WNW
06/03/2015	14:50	0.9	W
06/03/2015	14:55	1.3	WNW
06/03/2015	15:00	1.3	NNW
06/03/2015	15:05	0.9	NNW
06/03/2015	15:10	0.9	NNW
06/03/2015	15:15	0.9	N
06/03/2015	15:20	0.9	N
06/03/2015	15:25	0.4	NW
06/03/2015	15:30	0.9	N
06/03/2015	15:35	0.4	N
06/03/2015	15:40	0.4	N
06/03/2015	15:45	0.9	N
06/03/2015	15:50	0.9	NNW
06/03/2015	15:55	0.9	NW
06/03/2015	16:00	0.9	NNW
06/03/2015	16:05	0.9	NNW
06/03/2015	16:10	0.9	NNW
06/03/2015	16:15	0.9	NNW
06/03/2015	16:20	0.9	NNW
06/03/2015	16:25	0.4	NNE
06/03/2015	16:30	0.4	NNE

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

Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction
06/03/2015	16:35	0.9	WNW	07/03/2015	00:10	1.3	NNE	07/03/2015	07:45	0.9	SW
06/03/2015	16:40	0.9	WNW	07/03/2015	00:15	1.3	NE	07/03/2015	07:50	0.9	N
06/03/2015	16:45	0.9	WNW	07/03/2015	00:20	0.9	NE	07/03/2015	07:55	0.9	E
06/03/2015	16:50	0.9	WNW	07/03/2015	00:25	0.9	NE	07/03/2015	08:00	0.4	ENE
06/03/2015	16:55	0.9	WNW	07/03/2015	00:30	1.3	NNE	07/03/2015	08:05	0.9	S
06/03/2015	17:00	0.9	WNW	07/03/2015	00:35	1.3	NNE	07/03/2015	08:10	0.4	SW
06/03/2015	17:05	0.4	WNW	07/03/2015	00:40	1.8	NNE	07/03/2015	08:15	0.9	SW
06/03/2015	17:10	0.9	WNW	07/03/2015	00:45	1.8	NE	07/03/2015	08:20	0.9	SW
06/03/2015	17:15	0.9	WNW	07/03/2015	00:50	2.2	NE	07/03/2015	08:25	1.3	WSW
06/03/2015	17:20	0.9	WNW	07/03/2015	00:55	2.2	NE	07/03/2015	08:30	0.4	WSW
06/03/2015	17:25	0.9	W	07/03/2015	01:00	2.2	NNE	07/03/2015	08:35	0.4	WSW
06/03/2015	17:30	1.3	WSW	07/03/2015	01:05	1.8	NE	07/03/2015	08:40	0.4	WSW
06/03/2015	17:35	0.4	WSW	07/03/2015	01:10	1.3	NE	07/03/2015	08:45	0.4	WSW
06/03/2015	17:40	0.4	WNW	07/03/2015	01:15	1.8	NE	07/03/2015	08:50	0.4	W
06/03/2015	17:45	0.9	W	07/03/2015	01:20	1.8	NE	07/03/2015	08:55	0.4	W
06/03/2015	17:50	0.9	W	07/03/2015	01:25	1.8	ENE	07/03/2015	09:00	1.8	NE
06/03/2015	17:55	0.9	NW	07/03/2015	01:30	1.3	NE	07/03/2015	09:05	1.8	NE
06/03/2015	18:00	0.9	NW	07/03/2015	01:35	1.8	NE	07/03/2015	09:10	0.4	NE
06/03/2015	18:05	1.3	NW	07/03/2015	01:40	1.8	ENE	07/03/2015	09:15	0.9	NNE
06/03/2015	18:10	0.4	NW	07/03/2015	01:45	1.3	NNE	07/03/2015	09:20	0.9	E
06/03/2015	18:15	0.9	NW	07/03/2015	01:50	1.3	NE	07/03/2015	09:25	1.8	NE
06/03/2015	18:20	0.9	WNW	07/03/2015	01:55	1.3	NE	07/03/2015	09:30	2.2	NE
06/03/2015	18:25	0.9	NW	07/03/2015	02:00	0.9	E	07/03/2015	09:35	2.7	ENE
06/03/2015	18:30	1.8	NW	07/03/2015	02:05	1.3	NNE	07/03/2015	09:40	2.7	NE
06/03/2015	18:35	1.8	WNW	07/03/2015	02:10	0.4	NNE	07/03/2015	09:45	2.7	ENE
06/03/2015	18:40	1.3	W	07/03/2015	02:15	1.3	ENE	07/03/2015	09:50	2.7	ENE
06/03/2015	18:45	1.3	WNW	07/03/2015	02:20	1.3	ENE	07/03/2015	09:55	2.7	E
06/03/2015	18:50	0.9	WNW	07/03/2015	02:25	1.3	ENE	07/03/2015	10:00	3.1	NE
06/03/2015	18:55	0.9	W	07/03/2015	02:30	0.9	ENE	07/03/2015	10:05	3.1	NE
06/03/2015	19:00	1.3	W	07/03/2015	02:35	1.8	NE	07/03/2015	10:10	3.1	NE
06/03/2015	19:05	0.4	WSW	07/03/2015	02:40	0.9	NE	07/03/2015	10:15	3.6	ENE
06/03/2015	19:10	0.4	WNW	07/03/2015	02:45	0.9	NE	07/03/2015	10:20	3.1	NE
06/03/2015	19:15	0.4	W	07/03/2015	02:50	1.3	NE	07/03/2015	10:25	3.6	NE
06/03/2015	19:20	0.4	WNW	07/03/2015	02:55	0.9	ENE	07/03/2015	10:30	2.7	NE
06/03/2015	19:25	0.4	WSW	07/03/2015	03:00	0.9	ENE	07/03/2015	10:35	2.7	NE
06/03/2015	19:30	0.4	WSW	07/03/2015	03:05	1.3	NE	07/03/2015	10:40	2.7	E
06/03/2015	19:35	0.4	WSW	07/03/2015	03:10	1.3	NE	07/03/2015	10:45	2.7	ENE
06/03/2015	19:40	1.3	WSW	07/03/2015	03:15	2.2	NE	07/03/2015	10:50	3.1	NE
06/03/2015	19:45	0.4	WSW	07/03/2015	03:20	1.8	NE	07/03/2015	10:55	3.1	E
06/03/2015	19:50	0.4	WSW	07/03/2015	03:25	1.8	NNE	07/03/2015	11:00	3.1	E
06/03/2015	19:55	0.4	WSW	07/03/2015	03:30	1.8	NE	07/03/2015	11:05	3.6	ENE
06/03/2015	20:00	0.4	WSW	07/03/2015	03:35	1.3	NNE	07/03/2015	11:10	3.1	E
06/03/2015	20:05	0.4	WSW	07/03/2015	03:40	1.8	NE	07/03/2015	11:15	4.5	E
06/03/2015	20:10	0.4	WSW	07/03/2015	03:45	1.8	NE	07/03/2015	11:20	4	E
06/03/2015	20:15	0.4	WSW	07/03/2015	03:50	1.3	NE	07/03/2015	11:25	3.6	E
06/03/2015	20:20	0.4	WSW	07/03/2015	03:55	1.3	NE	07/03/2015	11:30	3.6	NE
06/03/2015	20:25	0.4	WSW	07/03/2015	04:00	1.3	NE	07/03/2015	11:35	4	NE
06/03/2015	20:30	0.4	WSW	07/03/2015	04:05	1.8	NE	07/03/2015	11:40	3.6	NE
06/03/2015	20:35	0.4	WSW	07/03/2015	04:10	1.8	NE	07/03/2015	11:45	3.6	NE
06/03/2015	20:40	0.4	WSW	07/03/2015	04:15	1.3	NE	07/03/2015	11:50	4	NE
06/03/2015	20:45	0.4	WSW	07/03/2015	04:20	1.3	NE	07/03/2015	11:55	4.5	NE
06/03/2015	20:50	0.4	WSW	07/03/2015	04:25	1.3	NE	07/03/2015	12:00	3.6	NE
06/03/2015	20:55	0.4	WSW	07/03/2015	04:30	1.8	N	07/03/2015	12:05	4	NE
06/03/2015	21:00	0.4	WSW	07/03/2015	04:35	1.3	N	07/03/2015	12:10	4	ENE
06/03/2015	21:05	0.4	WSW	07/03/2015	04:40	1.8	NNE	07/03/2015	12:15	4	NE
06/03/2015	21:10	0.4	WSW	07/03/2015	04:45	1.3	NNE	07/03/2015	12:20	4.5	NE
06/03/2015	21:15	0.9	WSW	07/03/2015	04:50	1.8	NE	07/03/2015	12:25	4.9	NE
06/03/2015	21:20	0.9	WSW	07/03/2015	04:55	1.8	NE	07/03/2015	12:30	4.9	NE
06/03/2015	21:25	0.9	WSW	07/03/2015	05:00	1.3	NNE	07/03/2015	12:35	4.9	NE
06/03/2015	21:30	0.4	WSW	07/03/2015	05:05	1.3	NE	07/03/2015	12:40	4.9	NE
06/03/2015	21:35	0.4	WSW	07/03/2015	05:10	1.3	ENE	07/03/2015	12:45	4	NE
06/03/2015	21:40	0.4	WSW	07/03/2015	05:15	1.3	ENE	07/03/2015	12:50	4	NE
06/03/2015	21:45	0.9	WSW	07/03/2015	05:20	1.3	ENE	07/03/2015	12:55	4	NE
06/03/2015	21:50	0.9	WSW	07/03/2015	05:25	1.3	ENE	07/03/2015	13:00	4	NE
06/03/2015	21:55	0.4	WSW	07/03/2015	05:30	1.8	ENE	07/03/2015	13:05	4.5	NE
06/03/2015	22:00	0.4	WSW	07/03/2015	05:35	1.3	NE	07/03/2015	13:10	4.5	NE
06/03/2015	22:05	0.9	WSW	07/03/2015	05:40	1.3	NNE	07/03/2015	13:15	4.5	NE
06/03/2015	22:10	0.9	WSW	07/03/2015	05:45	1.3	N	07/03/2015	13:20	4.5	NE
06/03/2015	22:15	0.9	WSW	07/03/2015	05:50	1.3	NNE	07/03/2015	13:25	4.5	NE
06/03/2015	22:20	0.9	WSW	07/03/2015	05:55	1.3	N	07/03/2015	13:30	4.5	NE
06/03/2015	22:25	0.4	WSW	07/03/2015	06:00	1.3	N	07/03/2015	13:35	4	NE
06/03/2015	22:30	0.4	WSW	07/03/2015	06:05	0.9	NNE	07/03/2015	13:40	4.5	NE
06/03/2015	22:35	0.4	WSW	07/03/2015	06:10	0.9	N	07/03/2015	13:45	4	ENE
06/03/2015	22:40	0.4	WSW	07/03/2015	06:15	1.8	NE	07/03/2015	13:50	4	NE
06/03/2015	22:45	0.9	W	07/03/2015	06:20	1.8	NE	07/03/2015	13:55	4.5	NE
06/03/2015	22:50	0.4	W	07/03/2015	06:25	2.2	NE	07/03/2015	14:00	4.5	NE
06/03/2015	22:55	0.4	W	07/03/2015	06:30	1.8	NE	07/03/2015	14:05	4	NE
06/03/2015	23:00	0.4	W	07/03/2015	06:35	1.8	NE	07/03/2015	14:10	4	NE
06/03/2015	23:05	0.9	WNW	07/03/2015	06:40	1.3	NE	07/03/2015	14:15	3.6	NE
06/03/2015	23:10	1.3	W	07/03/2015	06:45	0.4	NE	07/03/2015	14:20	3.6	NE
06/03/2015	23:15	0.4	WSW	07/03/2015	06:50	0.4	S	07/03/2015	14:25	3.1	NE
06/03/2015	23:20	0.9	W	07/03/2015	06:55	0.4	SW	07/03/2015	14:30	3.6	NE
06/03/2015	23:25	0.9	W	07/03/2015	07:00	0.4	SSW	07/03/2015	14:35	2.2	NNE
06/03/2015	23:30	0.9	NW	07/03/2015	07:05	0.9	SW	07/03/2015	14:40	2.7	NE
06/03/2015	23:35	0.9	NW	07/03/2015	07:10	0.9	SSW	07/03/2015	14:45	2.7	NE
06/03/2015	23:40	0.9	NE	07/03/2015	07:15	0.9	NNW	07/03/2015	14:50	2.2	NE
06/03/2015	23:45	1.8	NE	07/03/2015	07:20	0.9	NNW	07/03/2015	14:55	3.1	NE
06/03/2015	23:50	1.3	NNE	07/03/2015	07:25	0.9	W	07/03/2015	15:00	3.1	NE
06/03/2015	23:55	1.3	NNE	07/03/2015	07:30	0.9	WSW	07/03/2015	15:05	3.1	NE
07/03/2015	00:00	1.3	NE	07/03/2015	07:35	0.9	WSW	07/03/2015	15:10	3.1	NE
07/03/2015	00:05	0.9	NNE	07/03/2015	07:40	0.4	WSW	07/03/2015	15:15	2.7	NE

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

Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction
07/03/2015	15:20	1.8	NE	08/03/2015	06:05	0.9	SW	08/03/2015	13:40	3.6	NE
07/03/2015	15:25	1.8	NNE	08/03/2015	06:10	0.9	WSW	08/03/2015	13:45	4	NE
07/03/2015	15:30	1.3	NE	08/03/2015	06:15	0.9	WSW	08/03/2015	13:50	4	NE
07/03/2015	15:35	1.8	NNE	08/03/2015	06:20	0.4	WSW	08/03/2015	13:55	4.5	NE
07/03/2015	15:40	1.8	NNE	08/03/2015	06:25	0.9	WSW	08/03/2015	14:00	4.5	NE
07/03/2015	15:45	1.8	NNW	08/03/2015	06:30	0.4	WSW	08/03/2015	14:05	4.5	NE
07/03/2015	15:50	2.2	WNW	08/03/2015	06:35	0.9	W	08/03/2015	14:10	4.5	NE
07/03/2015	15:55	2.2	WNW	08/03/2015	06:40	1.3	NE	08/03/2015	14:15	4.5	NE
07/03/2015	16:00	1.8	WNW	08/03/2015	06:45	1.3	N	08/03/2015	14:20	4.5	NE
07/03/2015	16:05	1.8	NW	08/03/2015	06:50	1.3	N	08/03/2015	14:25	4	NE
07/03/2015	16:10	1.8	W	08/03/2015	06:55	0.9	N	08/03/2015	14:30	4.5	NE
07/03/2015	16:15	1.8	W	08/03/2015	07:00	0.9	N	08/03/2015	14:35	4	ENE
07/03/2015	16:20	1.8	W	08/03/2015	07:05	1.8	ENE	08/03/2015	14:40	4	NE
07/03/2015	16:25	0.9	WNW	08/03/2015	07:10	1.8	ENE	08/03/2015	14:45	4.5	NE
07/03/2015	16:30	1.8	W	08/03/2015	07:15	2.2	ENE	08/03/2015	14:50	4.5	NE
07/03/2015	16:35	1.3	W	08/03/2015	07:20	1.8	ENE	08/03/2015	14:55	4	NE
07/03/2015	16:40	0.4	W	08/03/2015	07:25	1.8	ENE	08/03/2015	15:00	2.7	NE
07/03/2015	16:45	0.9	W	08/03/2015	07:30	1.3	NE	08/03/2015	15:05	2.7	NE
07/03/2015	16:50	0.9	W	08/03/2015	07:35	0.4	NE	08/03/2015	15:10	2.2	NE
08/03/2015	00:05	2.2	NNE	08/03/2015	07:40	0.4	S	08/03/2015	15:15	2.2	NE
08/03/2015	00:10	1.8	NE	08/03/2015	07:45	0.4	SW	08/03/2015	15:20	1.8	NE
08/03/2015	00:15	1.3	NE	08/03/2015	07:50	0.4	SSW	08/03/2015	15:25	1.8	NE
08/03/2015	00:20	1.8	NE	08/03/2015	07:55	0.9	SW	08/03/2015	15:30	0.9	W
08/03/2015	00:25	1.3	NE	08/03/2015	08:00	0.9	SSW	08/03/2015	15:35	0.9	W
08/03/2015	00:30	1.3	ENE	08/03/2015	08:05	0.9	NNW	08/03/2015	15:40	3.6	E
08/03/2015	00:35	1.8	NE	08/03/2015	08:10	0.9	NNW	08/03/2015	15:45	4.9	E
08/03/2015	00:40	1.8	NE	08/03/2015	08:15	0.9	W	08/03/2015	15:50	4.9	E
08/03/2015	00:45	1.8	ENE	08/03/2015	08:20	0.9	SW	08/03/2015	15:55	3.6	ENE
08/03/2015	00:50	1.8	NNE	08/03/2015	08:25	1.3	SW	08/03/2015	16:00	2.7	NNW
08/03/2015	00:55	1.3	NE	08/03/2015	08:30	0.4	SW	08/03/2015	16:05	0.4	E
08/03/2015	01:00	1.3	NE	08/03/2015	08:35	0.4	S	08/03/2015	16:10	2.7	WSW
08/03/2015	01:05	1.3	NNE	08/03/2015	08:40	0.4	N	08/03/2015	16:15	3.6	NW
08/03/2015	01:10	1.3	NNE	08/03/2015	08:45	0.4	ENE	08/03/2015	16:20	3.1	NW
08/03/2015	01:15	1.3	NE	08/03/2015	08:50	0.4	E	08/03/2015	16:25	1.3	NNE
08/03/2015	01:20	0.9	NE	08/03/2015	08:55	2.7	E	08/03/2015	16:30	1.8	NNE
08/03/2015	01:25	0.9	NE	08/03/2015	09:00	2.7	E	08/03/2015	16:35	1.8	NNE
08/03/2015	01:30	0.9	NNE	08/03/2015	09:05	2.7	E	08/03/2015	16:40	1.8	NNW
08/03/2015	01:35	1.3	NNE	08/03/2015	09:10	3.1	E	08/03/2015	16:45	2.2	WNW
08/03/2015	01:40	1.8	NNE	08/03/2015	09:15	3.1	ENE	08/03/2015	16:50	2.2	WNW
08/03/2015	01:45	1.8	NE	08/03/2015	09:20	3.1	ENE	08/03/2015	16:55	1.8	WNW
08/03/2015	01:50	2.2	NE	08/03/2015	09:25	3.6	NE	08/03/2015	17:00	1.8	NW
08/03/2015	01:55	2.2	NE	08/03/2015	09:30	3.1	NE	08/03/2015	17:05	1.8	W
08/03/2015	02:00	0.9	E	08/03/2015	09:35	4.5	NE	08/03/2015	17:10	1.8	W
08/03/2015	02:05	1.3	NNE	08/03/2015	09:40	4	NE	08/03/2015	17:15	1.8	W
08/03/2015	02:10	1.8	NNE	08/03/2015	09:45	3.6	E	08/03/2015	17:20	0.9	WNW
08/03/2015	02:15	1.3	ENE	08/03/2015	09:50	3.6	NE	08/03/2015	17:25	1.8	W
08/03/2015	02:20	1.3	ENE	08/03/2015	09:55	4	NE	08/03/2015	17:30	1.3	W
08/03/2015	02:25	1.3	ENE	08/03/2015	10:00	0.4	W	08/03/2015	17:35	0.4	W
08/03/2015	02:30	1.3	ENE	08/03/2015	10:05	1.8	NE	08/03/2015	17:40	1.8	NNW
08/03/2015	02:35	0.9	ENE	08/03/2015	10:10	1.8	NE	08/03/2015	17:45	0.9	NNE
08/03/2015	02:40	0.9	ENE	08/03/2015	10:15	0.4	NE	08/03/2015	17:50	1.3	NNE
08/03/2015	02:45	0.9	NE	08/03/2015	10:20	0.9	NNE	08/03/2015	17:55	1.3	E
08/03/2015	02:50	1.3	NE	08/03/2015	10:25	0.9	E	08/03/2015	18:00	1.8	ENE
08/03/2015	02:55	1.8	N	08/03/2015	10:30	1.8	NE	08/03/2015	18:05	4	ENE
08/03/2015	03:00	1.3	N	08/03/2015	10:35	2.2	NE	08/03/2015	18:10	4.5	ENE
08/03/2015	03:05	1.8	NNE	08/03/2015	10:40	2.7	ENE	08/03/2015	18:15	4.9	E
08/03/2015	03:10	1.3	NNE	08/03/2015	10:45	2.7	NE	08/03/2015	18:20	3.1	E
08/03/2015	03:15	1.8	NNE	08/03/2015	10:50	2.7	ENE	08/03/2015	18:25	3.6	E
08/03/2015	03:20	1.8	NNE	08/03/2015	10:55	2.7	ENE	08/03/2015	18:30	2.7	NE
08/03/2015	03:25	1.3	NNE	08/03/2015	11:00	2.7	E	08/03/2015	18:35	0.9	WNW
08/03/2015	03:30	1.3	NNE	08/03/2015	11:05	3.1	NE	08/03/2015	18:40	2.2	E
08/03/2015	03:35	1.3	NE	08/03/2015	11:10	3.1	NE	08/03/2015	18:45	3.1	NE
08/03/2015	03:40	1.3	NE	08/03/2015	11:15	3.1	NE	08/03/2015	18:50	3.6	ENE
08/03/2015	03:45	0.9	NE	08/03/2015	11:20	3.6	ENE	08/03/2015	18:55	1.8	ENE
08/03/2015	03:50	0.9	NE	08/03/2015	11:25	3.1	NE	08/03/2015	19:00	0.4	ENE
08/03/2015	03:55	0.4	NE	08/03/2015	11:30	3.6	E	08/03/2015	19:05	3.6	ENE
08/03/2015	04:00	1.3	NE	08/03/2015	11:35	2.7	E	08/03/2015	19:10	4	E
08/03/2015	04:05	1.3	NE	08/03/2015	11:40	3.6	NE	08/03/2015	19:15	4	ENE
08/03/2015	04:10	2.2	NE	08/03/2015	11:45	3.6	NE	08/03/2015	19:20	2.7	E
08/03/2015	04:15	1.8	NE	08/03/2015	11:50	4	NE	08/03/2015	19:25	2.7	ENE
08/03/2015	04:20	1.8	NNE	08/03/2015	11:55	4.9	NE	08/03/2015	19:30	3.1	E
08/03/2015	04:25	1.8	NE	08/03/2015	12:00	4.9	NE	08/03/2015	19:35	2.7	ENE
08/03/2015	04:30	1.3	NNE	08/03/2015	12:05	4	NE	08/03/2015	19:40	1.3	E
08/03/2015	04:35	1.8	NE	08/03/2015	12:10	3.6	NE	08/03/2015	19:45	1.3	E
08/03/2015	04:40	1.8	NE	08/03/2015	12:15	3.6	NE	08/03/2015	19:50	1.8	NE
08/03/2015	04:45	1.3	NE	08/03/2015	12:20	3.6	NE	08/03/2015	19:55	3.6	ENE
08/03/2015	04:50	1.3	NE	08/03/2015	12:25	3.1	NE	08/03/2015	20:00	3.1	E
08/03/2015	04:55	1.3	NE	08/03/2015	12:30	3.1	NNE	08/03/2015	20:05	4	ENE
08/03/2015	05:00	1.8	NE	08/03/2015	12:35	3.1	NE	08/03/2015	20:10	3.6	ENE
08/03/2015	05:05	1.8	NE	08/03/2015	12:40	3.1	NE	08/03/2015	20:15	4	ENE
08/03/2015	05:10	1.3	NE	08/03/2015	12:45	3.1	NE	08/03/2015	20:20	5.8	E
08/03/2015	05:15	1.3	NE	08/03/2015	12:50	2.7	NE	08/03/2015	20:25	5.8	ENE
08/03/2015	05:20	1.3	NE	08/03/2015	12:55	4.9	NE	08/03/2015	20:30	5.8	ENE
08/03/2015	05:25	1.3	NE	08/03/2015	13:00	4.9	ENE	08/03/2015	20:35	4.9	E
08/03/2015	05:30	1.8	NE	08/03/2015	13:05	4.5	NE	08/03/2015	20:40	4.5	ENE
08/03/2015	05:35	1.3	NE	08/03/2015	13:10	4.5	NE	08/03/2015	20:45	3.1	ENE
08/03/2015	05:40	1.3	NE	08/03/2015	13:15	4	NE	08/03/2015	20:50	4.5	ENE
08/03/2015	05:45	1.3	NE	08/03/2015	13:20	4	NE	08/03/2015	20:55	5.4	ENE
08/03/2015	05:50	0.9	WSW	08/03/2015	13:25	4	NE	08/03/2015	21:00	3.1	E
08/03/2015	05:55	0.9	WSW	08/03/2015	13:30	4	NE	08/03/2015	21:05	4	E
08/03/2015	06:00	0.4	WSW	08/03/2015	13:35	4	NE	08/03/2015	21:10	4	ENE

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

Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction
08/03/2015	21:15	4.5	ENE	09/03/2015	04:50	3.1	ENE	09/03/2015	12:25	5.8	NE
08/03/2015	21:20	4.9	ENE	09/03/2015	04:55	3.6	ENE	09/03/2015	12:30	5.4	NE
08/03/2015	21:25	5.4	ENE	09/03/2015	05:00	4	NE	09/03/2015	12:35	4.9	NE
08/03/2015	21:30	4.9	ENE	09/03/2015	05:05	3.6	ENE	09/03/2015	12:40	4.9	ENE
08/03/2015	21:35	4.9	NE	09/03/2015	05:10	4.9	ENE	09/03/2015	12:45	4	NE
08/03/2015	21:40	5.4	NE	09/03/2015	05:15	4	ENE	09/03/2015	12:50	2.7	E
08/03/2015	21:45	4.5	ENE	09/03/2015	05:20	4	ENE	09/03/2015	12:55	2.7	NE
08/03/2015	21:50	0.9	ENE	09/03/2015	05:25	3.6	ENE	09/03/2015	13:00	3.6	ENE
08/03/2015	21:55	1.3	WNW	09/03/2015	05:30	4.5	ENE	09/03/2015	13:05	2.7	NE
08/03/2015	22:00	0.9	WNW	09/03/2015	05:35	4.5	ENE	09/03/2015	13:10	4.9	ENE
08/03/2015	22:05	1.3	W	09/03/2015	05:40	4.9	E	09/03/2015	13:15	5.4	ENE
08/03/2015	22:10	1.3	NNW	09/03/2015	05:45	3.6	ENE	09/03/2015	13:20	5.4	NE
08/03/2015	22:15	2.2	NE	09/03/2015	05:50	4	ENE	09/03/2015	13:25	4.9	NE
08/03/2015	22:20	1.8	WNW	09/03/2015	05:55	4	ENE	09/03/2015	13:30	5.4	ENE
08/03/2015	22:25	0.9	NW	09/03/2015	06:00	3.6	ENE	09/03/2015	13:35	4.5	NE
08/03/2015	22:30	0.9	N	09/03/2015	06:05	3.6	ENE	09/03/2015	13:40	5.8	ENE
08/03/2015	22:35	1.3	NE	09/03/2015	06:10	2.7	ENE	09/03/2015	13:45	4.9	ENE
08/03/2015	22:40	1.8	NE	09/03/2015	06:15	3.6	ENE	09/03/2015	13:50	4.5	ENE
08/03/2015	22:45	3.6	E	09/03/2015	06:20	4.5	ENE	09/03/2015	13:55	2.7	NE
08/03/2015	22:50	2.7	NE	09/03/2015	06:25	3.1	ENE	09/03/2015	14:00	2.7	NNE
08/03/2015	22:55	2.2	NE	09/03/2015	06:30	3.1	ENE	09/03/2015	14:05	3.1	NE
08/03/2015	23:00	1.3	NE	09/03/2015	06:35	2.2	ENE	09/03/2015	14:10	1.8	NW
08/03/2015	23:05	2.2	NE	09/03/2015	06:40	3.6	ENE	09/03/2015	14:15	2.7	NW
08/03/2015	23:10	1.8	NE	09/03/2015	06:45	4.5	ENE	09/03/2015	14:20	3.1	W
08/03/2015	23:15	1.3	ENE	09/03/2015	06:50	4.5	ENE	09/03/2015	14:25	4.9	NNE
08/03/2015	23:20	1.3	NNE	09/03/2015	06:55	4	ENE	09/03/2015	14:30	4.5	NE
08/03/2015	23:25	0.9	NW	09/03/2015	07:00	4.5	ENE	09/03/2015	14:35	4.5	NW
08/03/2015	23:30	0.9	NNE	09/03/2015	07:05	5.4	ENE	09/03/2015	14:40	1.8	W
08/03/2015	23:35	0.9	S	09/03/2015	07:10	4	ENE	09/03/2015	14:45	4	E
08/03/2015	23:40	1.3	N	09/03/2015	07:15	3.1	ENE	09/03/2015	14:50	3.1	NNE
08/03/2015	23:45	1.3	ENE	09/03/2015	07:20	4	ENE	09/03/2015	14:55	4.5	WSW
08/03/2015	23:50	0.9	NE	09/03/2015	07:25	3.6	E	09/03/2015	15:00	2.7	NE
08/03/2015	23:55	0.4	NW	09/03/2015	07:30	4.9	E	09/03/2015	15:05	3.6	NNE
09/03/2015	00:00	1.3	NE	09/03/2015	07:35	4.5	ENE	09/03/2015	15:10	4	NE
09/03/2015	00:05	4.5	ENE	09/03/2015	07:40	4.5	ENE	09/03/2015	15:15	2.2	NE
09/03/2015	00:10	3.1	E	09/03/2015	07:45	5.4	NE	09/03/2015	15:20	3.1	NNE
09/03/2015	00:15	3.6	E	09/03/2015	07:50	5.4	NE	09/03/2015	15:25	1.8	SSW
09/03/2015	00:20	3.1	ENE	09/03/2015	07:55	5.8	NE	09/03/2015	15:30	2.7	NW
09/03/2015	00:25	3.1	ENE	09/03/2015	08:00	6.3	NE	09/03/2015	15:35	4	NE
09/03/2015	00:30	4	ENE	09/03/2015	08:05	5.8	NE	09/03/2015	15:40	0.9	N
09/03/2015	00:35	2.7	ENE	09/03/2015	08:10	5.4	NE	09/03/2015	15:45	0.9	NNE
09/03/2015	00:40	4	ENE	09/03/2015	08:15	5.4	NE	09/03/2015	15:50	1.8	ENE
09/03/2015	00:45	4.5	ENE	09/03/2015	08:20	5.4	E	09/03/2015	15:55	0.9	ESE
09/03/2015	00:50	4.5	ENE	09/03/2015	08:25	5.8	E	09/03/2015	16:00	2.2	ENE
09/03/2015	00:55	3.1	ENE	09/03/2015	08:30	5.8	E	09/03/2015	16:05	3.1	E
09/03/2015	01:00	2.7	ENE	09/03/2015	08:35	5.4	E	09/03/2015	16:10	2.2	NE
09/03/2015	01:05	4.5	ENE	09/03/2015	08:40	5.8	ENE	09/03/2015	16:15	0.9	E
09/03/2015	01:10	4	E	09/03/2015	08:45	5.4	E	09/03/2015	16:20	3.1	E
09/03/2015	01:15	3.6	ENE	09/03/2015	08:50	5.8	ENE	09/03/2015	16:25	3.1	NE
09/03/2015	01:20	2.7	ENE	09/03/2015	08:55	5.4	ENE	09/03/2015	16:30	3.6	ENE
09/03/2015	01:25	3.1	ENE	09/03/2015	09:00	4.5	ENE	09/03/2015	16:35	3.6	ENE
09/03/2015	01:30	4	E	09/03/2015	09:05	5.4	ENE	09/03/2015	16:40	1.8	E
09/03/2015	01:35	4	E	09/03/2015	09:10	5.4	ENE	09/03/2015	16:45	1.8	ENE
09/03/2015	01:40	3.6	ENE	09/03/2015	09:15	5.4	ENE	09/03/2015	16:50	2.7	NE
09/03/2015	01:45	3.1	E	09/03/2015	09:20	4.9	NE	09/03/2015	16:55	2.7	E
09/03/2015	01:50	4	ENE	09/03/2015	09:25	5.4	NE	09/03/2015	17:00	3.1	E
09/03/2015	01:55	3.1	ENE	09/03/2015	09:30	5.8	NE	09/03/2015	17:05	3.6	NNE
09/03/2015	02:00	2.7	E	09/03/2015	09:35	4.9	NE	09/03/2015	17:10	4	WNW
09/03/2015	02:05	2.2	ENE	09/03/2015	09:40	5.4	NE	09/03/2015	17:15	2.2	NNE
09/03/2015	02:10	4	ENE	09/03/2015	09:45	4.5	ENE	09/03/2015	17:20	4	NNE
09/03/2015	02:15	4.5	ENE	09/03/2015	09:50	4.9	NE	09/03/2015	17:25	4.9	W
09/03/2015	02:20	4	ENE	09/03/2015	09:55	4.9	ENE	09/03/2015	17:30	2.7	WNW
09/03/2015	02:25	3.6	ENE	09/03/2015	10:00	5.8	NE	09/03/2015	17:35	2.2	ENE
09/03/2015	02:30	4	E	09/03/2015	10:05	4.9	NE	09/03/2015	17:40	4	NW
09/03/2015	02:35	4	ENE	09/03/2015	10:10	4.9	ENE	09/03/2015	17:45	4	ENE
09/03/2015	02:40	5.4	ENE	09/03/2015	10:15	5.8	NE	09/03/2015	17:50	4.5	W
09/03/2015	02:45	4.5	ENE	09/03/2015	10:20	5.4	NE	09/03/2015	17:55	3.6	NNE
09/03/2015	02:50	4	ENE	09/03/2015	10:25	6.3	NE	09/03/2015	18:00	4	ENE
09/03/2015	02:55	3.6	E	09/03/2015	10:30	5.8	NE	09/03/2015	18:05	2.7	NE
09/03/2015	03:00	2.7	ENE	09/03/2015	10:35	5.4	NE	09/03/2015	18:10	2.7	NE
09/03/2015	03:05	3.1	ENE	09/03/2015	10:40	5.4	NE	09/03/2015	18:15	2.2	NE
09/03/2015	03:10	2.7	ENE	09/03/2015	10:45	5.4	NE	09/03/2015	18:20	3.6	NE
09/03/2015	03:15	3.1	E	09/03/2015	10:50	5.4	NE	09/03/2015	18:25	2.7	NE
09/03/2015	03:20	4.5	ENE	09/03/2015	10:55	5.4	NE	09/03/2015	18:30	1.3	N
09/03/2015	03:25	3.6	ENE	09/03/2015	11:00	5.8	NE	09/03/2015	18:35	2.2	NE
09/03/2015	03:30	4.5	ENE	09/03/2015	11:05	4.9	NE	09/03/2015	18:40	1.8	NE
09/03/2015	03:35	4.9	E	09/03/2015	11:10	4.9	ENE	09/03/2015	18:45	0.4	E
09/03/2015	03:40	4	ENE	09/03/2015	11:15	4.9	NE	09/03/2015	18:50	0.4	E
09/03/2015	03:45	4	E	09/03/2015	11:20	4.9	NE	09/03/2015	18:55	0.4	N
09/03/2015	03:50	3.6	ENE	09/03/2015	11:25	5.4	NE	09/03/2015	19:00	0.9	NNE
09/03/2015	03:55	3.6	ENE	09/03/2015	11:30	4.5	NE	09/03/2015	19:05	0.9	ENE
09/03/2015	04:00	2.7	E	09/03/2015	11:35	4.5	ENE	09/03/2015	19:10	0	ENE
09/03/2015	04:05	4	ENE	09/03/2015	11:40	4	ENE	09/03/2015	19:15	1.3	E
09/03/2015	04:10	4	ENE	09/03/2015	11:45	4.5	ENE	09/03/2015	19:20	1.3	E
09/03/2015	04:15	4.5	ENE	09/03/2015	11:50	4.5	E	09/03/2015	19:25	0.4	SSW
09/03/2015	04:20	3.1	ENE	09/03/2015	11:55	4.9	E	09/03/2015	19:30	1.3	ENE
09/03/2015	04:25	3.6	ENE	09/03/2015	12:00	3.1	ENE	09/03/2015	19:35	1.8	ENE
09/03/2015	04:30	4	ENE	09/03/2015	12:05	4.9	E	09/03/2015	19:40	1.3	ENE
09/03/2015	04:35	4	ENE	09/03/2015	12:10	4.9	E	09/03/2015	19:45	1.3	N
09/03/2015	04:40	4	ENE	09/03/2015	12:15	4.9	E	09/03/2015	19:50	0.4	N
09/03/2015	04:45	3.6	ENE	09/03/2015	12:20	5.4	ENE	09/03/2015	19:55	1.8	W

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

Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction
09/03/2015	20:00	1.8	ENE	10/03/2015	03:35	2.7	ENE	10/03/2015	11:10	3.6	ENE
09/03/2015	20:05	0.9	ESE	10/03/2015	03:40	0.9	NNW	10/03/2015	11:15	1.8	NNE
09/03/2015	20:10	1.3	ENE	10/03/2015	03:45	0.9	NNW	10/03/2015	11:20	4.9	ENE
09/03/2015	20:15	1.3	WSW	10/03/2015	03:50	0.9	NNW	10/03/2015	11:25	5.4	ENE
09/03/2015	20:20	0.9	SSW	10/03/2015	03:55	0.9	NNW	10/03/2015	11:30	5.4	E
09/03/2015	20:25	1.3	NE	10/03/2015	04:00	0.9	NNW	10/03/2015	11:35	4.5	ENE
09/03/2015	20:30	0.9	NE	10/03/2015	04:05	0.9	NNW	10/03/2015	11:40	2.7	ENE
09/03/2015	20:35	0.9	NE	10/03/2015	04:10	0.9	NNW	10/03/2015	11:45	2.7	NNE
09/03/2015	20:40	1.8	E	10/03/2015	04:15	2.7	ENE	10/03/2015	11:50	1.3	N
09/03/2015	20:45	1.3	NE	10/03/2015	04:20	2.2	NE	10/03/2015	11:55	1.3	NNW
09/03/2015	20:50	0.9	E	10/03/2015	04:25	1.3	NE	10/03/2015	12:00	3.1	ENE
09/03/2015	20:55	2.2	NE	10/03/2015	04:30	1.8	ENE	10/03/2015	12:05	3.1	ENE
09/03/2015	21:00	2.7	E	10/03/2015	04:35	1.8	ENE	10/03/2015	12:10	1.8	NE
09/03/2015	21:05	0.4	NNW	10/03/2015	04:40	1.8	NE	10/03/2015	12:15	2.2	NE
09/03/2015	21:10	0.9	NNE	10/03/2015	04:45	1.8	NNE	10/03/2015	12:20	1.8	N
09/03/2015	21:15	0.4	NNE	10/03/2015	04:50	3.6	ENE	10/03/2015	12:25	1.8	NNE
09/03/2015	21:20	0.9	NNE	10/03/2015	04:55	3.1	ENE	10/03/2015	12:30	2.7	NE
09/03/2015	21:25	1.3	E	10/03/2015	05:00	2.2	ENE	10/03/2015	12:35	2.7	ENE
09/03/2015	21:30	0.4	N	10/03/2015	05:05	1.8	NE	10/03/2015	12:40	2.7	ENE
09/03/2015	21:35	1.3	ENE	10/03/2015	05:10	0.9	NNE	10/03/2015	12:45	3.6	ENE
09/03/2015	21:40	0.4	SSE	10/03/2015	05:15	0.9	NE	10/03/2015	12:50	3.6	ENE
09/03/2015	21:45	1.3	NNW	10/03/2015	05:20	1.3	N	10/03/2015	12:55	3.6	ENE
09/03/2015	21:50	1.3	N	10/03/2015	05:25	3.6	ENE	10/03/2015	13:00	3.1	ENE
09/03/2015	21:55	3.1	NE	10/03/2015	05:30	1.3	E	10/03/2015	13:05	3.6	ENE
09/03/2015	22:00	1.3	NE	10/03/2015	05:35	2.7	ENE	10/03/2015	13:10	3.6	ENE
09/03/2015	22:05	0.4	SSW	10/03/2015	05:40	1.3	ENE	10/03/2015	13:15	3.6	ENE
09/03/2015	22:10	0.4	N	10/03/2015	05:45	1.8	ENE	10/03/2015	13:20	3.1	ENE
09/03/2015	22:15	1.3	E	10/03/2015	05:50	1.8	ENE	10/03/2015	13:25	2.2	ENE
09/03/2015	22:20	1.3	ENE	10/03/2015	05:55	2.7	ENE	10/03/2015	13:30	1.3	NNE
09/03/2015	22:25	1.3	E	10/03/2015	06:00	2.2	NE	10/03/2015	13:35	1.3	NNE
09/03/2015	22:30	0.9	E	10/03/2015	06:05	1.3	NE	10/03/2015	13:40	1.3	NNE
09/03/2015	22:35	0.4	ENE	10/03/2015	06:10	1.3	NNE	10/03/2015	13:45	1.8	NE
09/03/2015	22:40	0.4	S	10/03/2015	06:15	1.8	ENE	10/03/2015	13:50	2.2	NNE
09/03/2015	22:45	0.4	S	10/03/2015	06:20	2.7	ENE	10/03/2015	13:55	2.2	NE
09/03/2015	22:50	0.4	NNE	10/03/2015	06:25	2.2	ENE	10/03/2015	14:00	4.5	ENE
09/03/2015	22:55	0.4	N	10/03/2015	06:30	4	ENE	10/03/2015	14:05	4	E
09/03/2015	23:00	1.3	N	10/03/2015	06:35	5.4	ENE	10/03/2015	14:10	3.1	ENE
09/03/2015	23:05	0.9	SW	10/03/2015	06:40	4	ENE	10/03/2015	14:15	4.9	ENE
09/03/2015	23:10	0.9	SSE	10/03/2015	06:45	0.4	E	10/03/2015	14:20	4	ENE
09/03/2015	23:15	1.3	ENE	10/03/2015	06:50	1.3	NE	10/03/2015	14:25	4.5	ENE
09/03/2015	23:20	0.4	E	10/03/2015	06:55	1.8	NE	10/03/2015	14:30	4.5	ENE
09/03/2015	23:25	0.9	ENE	10/03/2015	07:00	1.3	NE	10/03/2015	14:35	3.6	E
09/03/2015	23:30	0.9	E	10/03/2015	07:05	1.3	NE	10/03/2015	14:40	3.1	ENE
09/03/2015	23:35	1.8	E	10/03/2015	07:10	1.8	NE	10/03/2015	14:45	3.1	ENE
09/03/2015	23:40	1.8	N	10/03/2015	07:15	1.3	NNE	10/03/2015	14:50	2.7	E
09/03/2015	23:45	0.9	ENE	10/03/2015	07:20	1.8	ENE	10/03/2015	14:55	2.2	ENE
09/03/2015	23:50	0.4	ENE	10/03/2015	07:25	2.2	ENE	10/03/2015	15:00	3.6	ENE
09/03/2015	23:55	0.9	E	10/03/2015	07:30	2.7	NE	10/03/2015	15:05	4	ENE
10/03/2015	00:00	1.3	E	10/03/2015	07:35	1.8	ENE	10/03/2015	15:10	3.6	ENE
10/03/2015	00:05	0.9	NNW	10/03/2015	07:40	2.2	NE	10/03/2015	15:15	3.6	ENE
10/03/2015	00:10	0.9	NNW	10/03/2015	07:45	1.8	E	10/03/2015	15:20	2.7	ENE
10/03/2015	00:15	0.9	NNW	10/03/2015	07:50	1.3	NE	10/03/2015	15:25	2.7	NE
10/03/2015	00:20	0.9	W	10/03/2015	07:55	1.3	NE	10/03/2015	15:30	2.7	NNE
10/03/2015	00:25	0.9	WNW	10/03/2015	08:00	1.3	NE	10/03/2015	15:35	2.7	ENE
10/03/2015	00:30	0.9	W	10/03/2015	08:05	1.8	NE	10/03/2015	15:40	3.1	ENE
10/03/2015	00:35	0.9	W	10/03/2015	08:10	1.3	NE	10/03/2015	15:45	2.7	NE
10/03/2015	00:40	0.9	WSW	10/03/2015	08:15	1.3	NE	10/03/2015	15:50	3.6	ENE
10/03/2015	00:45	0.4	NE	10/03/2015	08:20	2.7	NE	10/03/2015	15:55	2.7	ENE
10/03/2015	00:50	0.4	N	10/03/2015	08:25	1.8	ENE	10/03/2015	16:00	3.1	ENE
10/03/2015	00:55	0.9	NNW	10/03/2015	08:30	1.8	NNE	10/03/2015	16:05	2.7	ENE
10/03/2015	01:00	0.4	NNW	10/03/2015	08:35	3.1	NE	10/03/2015	16:10	3.6	E
10/03/2015	01:05	0.9	WNW	10/03/2015	08:40	1.8	NE	10/03/2015	16:15	4	ENE
10/03/2015	01:10	0.9	NNW	10/03/2015	08:45	1.8	NNE	10/03/2015	16:20	3.6	E
10/03/2015	01:15	0.9	NNW	10/03/2015	08:50	1.8	WNW	10/03/2015	16:25	4	NE
10/03/2015	01:20	0.9	WSW	10/03/2015	08:55	5.4	ENE	10/03/2015	16:30	3.1	NE
10/03/2015	01:25	1.8	W	10/03/2015	09:00	5.4	ENE	10/03/2015	16:35	3.1	NE
10/03/2015	01:30	2.2	W	10/03/2015	09:05	1.3	N	10/03/2015	16:40	2.7	NE
10/03/2015	01:35	0.4	NNW	10/03/2015	09:10	1.8	ENE	10/03/2015	16:45	2.2	ENE
10/03/2015	01:40	0.9	NNW	10/03/2015	09:15	1.8	ENE	10/03/2015	16:50	2.7	ENE
10/03/2015	01:45	0.9	NNW	10/03/2015	09:20	4	ENE	10/03/2015	16:55	4.9	E
10/03/2015	01:50	0.9	NNW	10/03/2015	09:25	3.6	ENE	10/03/2015	17:00	4	E
10/03/2015	01:55	0.9	NNW	10/03/2015	09:30	3.1	ENE	10/03/2015	17:05	4	E
10/03/2015	02:00	0.9	NNW	10/03/2015	09:35	4.5	E	10/03/2015	17:10	4	ENE
10/03/2015	02:05	1.3	E	10/03/2015	09:40	4	ENE	10/03/2015	17:15	3.1	ENE
10/03/2015	02:10	1.8	ENE	10/03/2015	09:45	3.1	ENE	10/03/2015	17:20	4.5	ENE
10/03/2015	02:15	1.8	ENE	10/03/2015	09:50	4.9	ENE	10/03/2015	17:25	4	ENE
10/03/2015	02:20	2.7	ENE	10/03/2015	09:55	4.5	ENE	10/03/2015	17:30	2.7	ENE
10/03/2015	02:25	2.7	ENE	10/03/2015	10:00	4.5	ENE	10/03/2015	17:35	3.1	ENE
10/03/2015	02:30	2.2	ENE	10/03/2015	10:05	4.9	ENE	10/03/2015	17:40	3.1	NE
10/03/2015	02:35	2.2	ENE	10/03/2015	10:10	4	ENE	10/03/2015	17:45	3.6	ENE
10/03/2015	02:40	2.2	ENE	10/03/2015	10:15	4.9	ENE	10/03/2015	17:50	3.6	ENE
10/03/2015	02:45	1.8	NE	10/03/2015	10:20	5.4	E	10/03/2015	17:55	3.1	ENE
10/03/2015	02:50	0.9	E	10/03/2015	10:25	4.5	ENE	10/03/2015	18:00	4.9	ENE
10/03/2015	02:55	0.4	E	10/03/2015	10:30	5.8	E	10/03/2015	18:05	4.9	ENE
10/03/2015	03:00	1.8	E	10/03/2015	10:35	2.7	ENE	10/03/2015	18:10	4.9	E
10/03/2015	03:05	2.2	ENE	10/03/2015	10:40	4	ENE	10/03/2015	18:15	4.9	E
10/03/2015	03:10	2.7	E	10/03/2015	10:45	3.6	ENE	10/03/2015	18:20	3.6	ENE
10/03/2015	03:15	3.1	ENE	10/03/2015	10:50	4	ENE	10/03/2015	18:25	4	NE
10/03/2015	03:20	2.2	ENE	10/03/2015	10:55	4	ENE	10/03/2015	18:30	4	NE
10/03/2015	03:25	2.2	E	10/03/2015	11:00	3.6	ENE	10/03/2015	18:35	3.6	NE
10/03/2015	03:30	1.8	ENE	10/03/2015	11:05	2.7	NE	10/03/2015	18:40	3.1	E

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

Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction
10/03/2015	18:45	3.6	NE
10/03/2015	18:50	3.6	E
10/03/2015	18:55	3.6	NE
10/03/2015	19:00	2.7	NE
10/03/2015	19:05	2.7	NE
10/03/2015	19:10	2.2	NNE
10/03/2015	19:15	3.6	ENE
10/03/2015	19:20	2.2	NNE
10/03/2015	19:25	2.2	NE
10/03/2015	19:30	3.1	NNE
10/03/2015	19:35	3.6	NE
10/03/2015	19:40	4	ENE
10/03/2015	19:45	2.2	ENE
10/03/2015	19:50	3.1	ENE
10/03/2015	19:55	2.2	NE
10/03/2015	20:00	2.7	NE
10/03/2015	20:05	6.7	E
10/03/2015	20:10	6.7	E
10/03/2015	20:15	6.7	E
10/03/2015	20:20	5.8	E
10/03/2015	20:25	5.8	ENE
10/03/2015	20:30	5.8	ENE
10/03/2015	20:35	4.9	ENE
10/03/2015	20:40	4	ENE
10/03/2015	20:45	4	ENE
10/03/2015	20:50	5.8	ENE
10/03/2015	20:55	6.3	ENE
10/03/2015	21:00	5.8	ENE
10/03/2015	21:05	7.2	E
10/03/2015	21:10	5.8	E
10/03/2015	21:15	5.4	E
10/03/2015	21:20	6.7	E
10/03/2015	21:25	6.7	E
10/03/2015	21:30	6.3	E
10/03/2015	21:35	3.6	NE
10/03/2015	21:40	4.5	NE
10/03/2015	21:45	4	ENE
10/03/2015	21:50	3.6	E
10/03/2015	21:55	4.5	NE
10/03/2015	22:00	4	NE
10/03/2015	22:05	3.6	ENE
10/03/2015	22:10	4.5	ENE
10/03/2015	22:15	5.4	NE
10/03/2015	22:20	4.5	ENE
10/03/2015	22:25	4.9	ENE
10/03/2015	22:30	4.5	ENE
10/03/2015	22:35	4.5	ENE
10/03/2015	22:40	4	NE
10/03/2015	22:45	4	ENE
10/03/2015	22:50	4.9	ENE
10/03/2015	22:55	4	NE
10/03/2015	23:00	4.5	NE
10/03/2015	23:05	4	ENE
10/03/2015	23:10	4.9	ENE
10/03/2015	23:15	4	NE
10/03/2015	23:20	4	ENE
10/03/2015	23:25	5.4	ENE
10/03/2015	23:30	5.8	E
10/03/2015	23:35	4.5	NE
10/03/2015	23:40	4.9	ENE
10/03/2015	23:45	4.9	NE
10/03/2015	23:50	4	ENE
10/03/2015	23:55	4.5	NE
11/03/2015	00:00	4.5	E
11/03/2015	00:05	3.1	E
11/03/2015	00:10	2.2	E
11/03/2015	00:15	1.8	E
11/03/2015	00:20	1.3	E
11/03/2015	00:25	1.3	E
11/03/2015	00:30	0.9	E
11/03/2015	00:35	0.4	E
11/03/2015	00:40	0.4	E
11/03/2015	00:45	0.9	SSW
11/03/2015	00:50	0.9	SSW
11/03/2015	00:55	0.9	SSW
11/03/2015	01:00	0.4	SSW
11/03/2015	01:05	0.4	SSW
11/03/2015	01:10	0.4	SSW
11/03/2015	01:15	0.4	SSW
11/03/2015	01:20	1.3	SW
11/03/2015	01:25	1.8	SW
11/03/2015	01:30	1.3	SSW
11/03/2015	01:35	1.3	SSW
11/03/2015	01:40	0.4	SSW
11/03/2015	01:45	0.4	SSW
11/03/2015	01:50	0.4	SSW
11/03/2015	01:55	0.9	SSW
11/03/2015	02:00	3.1	W
11/03/2015	02:05	3.1	W
11/03/2015	02:10	0.4	SSW
11/03/2015	02:15	0.9	E
11/03/2015	02:20	1.8	NE
11/03/2015	02:25	1.3	ENE
11/03/2015	02:30	0.4	ENE
11/03/2015	02:35	0.9	E
11/03/2015	02:40	0.9	E
11/03/2015	02:45	0.9	E
11/03/2015	02:50	0.9	SW
11/03/2015	02:55	3.6	W
11/03/2015	03:00	4	W
11/03/2015	03:05	3.6	W
11/03/2015	03:10	2.7	WSW
11/03/2015	03:15	1.3	W
11/03/2015	03:20	2.2	SE
11/03/2015	03:25	0.4	W
11/03/2015	03:30	3.1	WNW
11/03/2015	03:35	3.6	WNW
11/03/2015	03:40	3.6	WNW
11/03/2015	03:45	2.2	SSW
11/03/2015	03:50	2.2	SW
11/03/2015	03:55	1.8	SW
11/03/2015	04:00	2.2	SW
11/03/2015	04:05	2.2	SE
11/03/2015	04:10	2.2	NE
11/03/2015	04:15	1.8	NE
11/03/2015	04:20	1.8	NNE
11/03/2015	04:25	0.4	NE
11/03/2015	04:30	1.3	NNE
11/03/2015	04:35	1.3	NNE
11/03/2015	04:40	2.7	SSW
11/03/2015	04:45	1.3	SSW
11/03/2015	04:50	0.9	SSW
11/03/2015	04:55	0.9	SSW
11/03/2015	05:00	0.9	S
11/03/2015	05:05	0.9	S
11/03/2015	05:10	2.2	SW
11/03/2015	05:15	1.8	SW
11/03/2015	05:20	2.2	SW
11/03/2015	05:25	1.3	NNE
11/03/2015	05:30	1.8	W
11/03/2015	05:35	2.2	SW
11/03/2015	05:40	1.8	SW
11/03/2015	05:45	2.2	SW
11/03/2015	05:50	1.3	N
11/03/2015	05:55	1.3	NNW
11/03/2015	06:00	1.3	N
11/03/2015	06:05	0.9	ENE
11/03/2015	06:10	1.8	N
11/03/2015	06:15	1.8	N
11/03/2015	06:20	2.7	N
11/03/2015	06:25	1.8	N
11/03/2015	06:30	1.8	N
11/03/2015	06:35	1.3	NE
11/03/2015	06:40	1.8	NE
11/03/2015	06:45	0.9	NNW
11/03/2015	06:50	0.9	N
11/03/2015	06:55	0.9	NW
11/03/2015	07:00	0.9	N
11/03/2015	07:05	0.9	N
11/03/2015	07:10	1.8	N
11/03/2015	07:15	1.8	N
11/03/2015	07:20	2.7	W
11/03/2015	07:25	3.1	W
11/03/2015	07:30	2.7	W
11/03/2015	07:35	2.2	N
11/03/2015	07:40	2.2	NE
11/03/2015	07:45	2.2	NE
11/03/2015	07:50	2.2	NNE
11/03/2015	07:55	2.7	NNE
11/03/2015	08:00	2.2	NNE
11/03/2015	08:05	1.3	N
11/03/2015	08:10	1.8	NNW
11/03/2015	08:15	2.2	N
11/03/2015	08:20	1.8	N
11/03/2015	08:25	1.8	NNE
11/03/2015	08:30	1.8	N
11/03/2015	08:35	1.3	NE
11/03/2015	08:40	0.9	ENE
11/03/2015	08:45	2.2	NNE
11/03/2015	08:50	1.3	ENE
11/03/2015	08:55	1.3	N
11/03/2015	09:00	1.3	NNW
11/03/2015	09:05	1.8	NNE
11/03/2015	09:10	2.2	NNW
11/03/2015	09:15	2.2	N
11/03/2015	09:20	2.2	NNW
11/03/2015	09:25	2.2	N
11/03/2015	09:30	1.3	WNW
11/03/2015	09:35	1.8	N
11/03/2015	09:40	2.2	N
11/03/2015	09:45	1.3	NNW
11/03/2015	09:50	1.8	NW
11/03/2015	09:55	2.2	W
11/03/2015	10:00	2.2	W
11/03/2015	10:05	1.8	WNW
11/03/2015	10:10	1.3	WNW
11/03/2015	10:15	1.3	WNW
11/03/2015	10:20	1.3	WNW
11/03/2015	10:25	1.3	WNW
11/03/2015	10:30	2.7	W
11/03/2015	10:35	2.7	W
11/03/2015	10:40	1.3	NW
11/03/2015	10:45	1.8	NW
11/03/2015	10:50	2.2	NW
11/03/2015	10:55	1.3	WNW
11/03/2015	11:00	1.8	NW
11/03/2015	11:05	2.2	WNW
11/03/2015	11:10	2.2	NNW
11/03/2015	11:15	1.3	WNW
11/03/2015	11:20	1.3	NNW
11/03/2015	11:25	2.2	N
11/03/2015	11:30	1.3	ENE
11/03/2015	11:35	1.3	NNE
11/03/2015	11:40	1.3	N
11/03/2015	11:45	1.8	N
11/03/2015	11:50	2.2	N
11/03/2015	11:55	2.7	WNW
11/03/2015	12:00	1.8	WNW
11/03/2015	12:05	1.8	NW
11/03/2015	12:10	1.8	NW
11/03/2015	12:15	1.8	NW
11/03/2015	12:20	2.2	WNW
11/03/2015	12:25	2.2	W
11/03/2015	12:30	2.2	W
11/03/2015	12:35	2.7	WNW
11/03/2015	12:40	1.8	WNW
11/03/2015	12:45	1.8	W
11/03/2015	12:50	1.8	W
11/03/2015	12:55	1.8	WSW
11/03/2015	13:00	2.2	W
11/03/2015	13:05	1.8	W
11/03/2015	13:10	1.8	W
11/03/2015	13:15	2.2	W
11/03/2015	13:20	2.2	W
11/03/2015	13:25	2.2	W
11/03/2015	13:30	2.2	WNW
11/03/2015	13:35	2.7	WNW
11/03/2015	13:40	1.8	WNW
11/03/2015	13:45	2.2	W
11/03/2015	13:50	2.7	W
11/03/2015	13:55	2.7	WNW
11/03/2015	14:00	3.1	W
11/03/2015	14:05	2.7	W
11/03/2015	14:10	3.1	W
11/03/2015	14:15	3.1	W
11/03/2015	14:20	2.7	W
11/03/2015	14:25	3.1	W
11/03/2015	14:30	3.1	W
11/03/2015	14:35	3.1	W
11/03/2015	14:40	2.7	W
11/03/2015	14:45	3.1	WSW
11/03/2015	14:50	2.7	W
11/03/2015	14:55	3.1	W
11/03/2015	15:00	2.2	WSW
11/03/2015	15:05	2.2	W
11/03/2015	15:10	1.8	WNW
11/03/2015	15:15	2.7	WSW
11/03/2015	15:20	2.2	W
11/03/2015	15:25	3.1	WNW
11/03/2015	15:30	2.7	WNW
11/03/2015	15:35	2.2	W
11/03/2015	15:40	1.8	W
11/03/2015	15:45	2.2	W
11/03/2015	15:50	2.2	WNW
11/03/2015	15:55	1.8	W
11/03/2015	16:00	1.8	W
11/03/2015	16:05	2.2	WNW
11/03/2015	16:10	2.2	WNW
11/03/2015	16:15	2.2	WNW
11/03/2015	16:20	2.7	WNW
11/03/2015	16:25	2.2	WNW
11/03/2015	16:30	2.7	W
11/03/2015	16:35	2.7	W
11/03/2015	16:40	3.1	W
11/03/2015	16:45	3.1	W
11/03/2015	16:50	3.6	W
11/03/2015	16:55	2.7	W
11/03/2015	17:00	2.2	W
11/03/2015	17:05	2.2	W
11/03/2015	17:10	2.7	W
11/03/2015	17:15	2.7	WNW
11/03/2015	17:20	2.7	W
11/03/2015	17:25	2.7	W

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

Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction
11/03/2015	17:30	2.7	W
11/03/2015	17:35	2.7	WNW
11/03/2015	17:40	1.8	WNW
11/03/2015	17:45	2.7	WNW
11/03/2015	17:50	2.2	WNW
11/03/2015	17:55	2.7	W
11/03/2015	18:00	2.7	WNW
11/03/2015	18:05	2.7	W
11/03/2015	18:10	2.7	WSW
11/03/2015	18:15	2.2	W
11/03/2015	18:20	1.8	W
11/03/2015	18:25	2.2	W
11/03/2015	18:30	1.8	WSW
11/03/2015	18:35	1.8	W
11/03/2015	18:40	2.7	WNW
11/03/2015	18:45	2.2	WNW
11/03/2015	18:50	1.8	WNW
11/03/2015	18:55	1.8	WNW
11/03/2015	19:00	1.3	WNW
11/03/2015	19:05	1.3	WNW
11/03/2015	19:10	0.9	W
11/03/2015	19:15	0.9	SW
11/03/2015	19:20	0.9	S
11/03/2015	19:25	0.9	S
11/03/2015	19:30	2.7	WSW
11/03/2015	19:35	1.3	W
11/03/2015	19:40	2.7	SSW
11/03/2015	19:45	2.2	SSW
11/03/2015	19:50	1.8	N
11/03/2015	19:55	1.3	N
11/03/2015	20:00	1.3	N
11/03/2015	20:05	1.3	N
11/03/2015	20:10	0.9	N
11/03/2015	20:15	0.9	WNW
11/03/2015	20:20	0.9	WSW
11/03/2015	20:25	0.9	SSW
11/03/2015	20:30	0.4	S
11/03/2015	20:35	0.4	S
11/03/2015	20:40	0.9	SSW
11/03/2015	20:45	0.9	SSW
11/03/2015	20:50	1.3	W
11/03/2015	20:55	1.8	W
11/03/2015	21:00	0.9	N
11/03/2015	21:05	0.4	NNE
11/03/2015	21:10	1.3	NE
11/03/2015	21:15	0.9	NE
11/03/2015	21:20	0.9	NE
11/03/2015	21:25	0.4	NE
11/03/2015	21:30	1.3	N
11/03/2015	21:35	0.9	NE
11/03/2015	21:40	1.3	NNE
11/03/2015	21:45	1.3	N
11/03/2015	21:50	1.3	N
11/03/2015	21:55	1.3	N
11/03/2015	22:00	1.3	N
11/03/2015	22:05	1.8	NNW
11/03/2015	22:10	1.3	N
11/03/2015	22:15	1.3	NE
11/03/2015	22:20	2.2	NE
11/03/2015	22:25	1.8	NE
11/03/2015	22:30	1.3	ENE
11/03/2015	22:35	1.3	E
11/03/2015	22:40	0.9	ENE
11/03/2015	22:45	0.4	E
11/03/2015	22:50	0.9	NE
11/03/2015	22:55	2.2	NE
11/03/2015	23:00	1.8	E
11/03/2015	23:05	1.3	ENE
11/03/2015	23:10	0.4	ENE
11/03/2015	23:15	0.4	ENE
11/03/2015	23:20	1.3	NE
11/03/2015	23:25	1.3	E
11/03/2015	23:30	0.9	NE
11/03/2015	23:35	0.9	NE
11/03/2015	23:40	1.8	E
11/03/2015	23:45	1.8	SE
11/03/2015	23:50	1.8	ENE
11/03/2015	23:55	2.2	E
12/03/2015	00:00	1.8	ENE
12/03/2015	00:05	1.8	E
12/03/2015	00:10	1.3	E
12/03/2015	00:15	1.8	E
12/03/2015	00:20	1.8	E
12/03/2015	00:25	2.2	ENE
12/03/2015	00:30	1.8	ENE
12/03/2015	00:35	1.3	E
12/03/2015	00:40	0.4	E
12/03/2015	00:45	1.3	NE
12/03/2015	00:50	1.3	ENE
12/03/2015	00:55	1.8	E
12/03/2015	01:00	1.3	ENE

Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction
12/03/2015	01:05	1.3	E
12/03/2015	01:10	1.3	ENE
12/03/2015	01:15	0.4	ENE
12/03/2015	01:20	1.8	E
12/03/2015	01:25	1.8	ENE
12/03/2015	01:30	1.8	ENE
12/03/2015	01:35	1.8	E
12/03/2015	01:40	2.7	ENE
12/03/2015	01:45	3.1	E
12/03/2015	01:50	2.2	ENE
12/03/2015	01:55	3.1	E
12/03/2015	02:00	3.1	E
12/03/2015	02:05	3.6	E
12/03/2015	02:10	1.8	ENE
12/03/2015	02:15	1.8	ENE
12/03/2015	02:20	2.7	E
12/03/2015	02:25	2.7	E
12/03/2015	02:30	2.7	ENE
12/03/2015	02:35	2.7	ENE
12/03/2015	02:40	3.1	E
12/03/2015	02:45	3.1	ENE
12/03/2015	02:50	2.7	ENE
12/03/2015	02:55	1.8	NE
12/03/2015	03:00	2.2	NE
12/03/2015	03:05	3.6	E
12/03/2015	03:10	2.7	E
12/03/2015	03:15	3.1	ENE
12/03/2015	03:20	0.9	ESE
12/03/2015	03:25	1.8	E
12/03/2015	03:30	2.7	ENE
12/03/2015	03:35	2.2	ENE
12/03/2015	03:40	1.8	ENE
12/03/2015	03:45	2.2	ENE
12/03/2015	03:50	1.8	ENE
12/03/2015	03:55	1.8	ENE
12/03/2015	04:00	1.8	ENE
12/03/2015	04:05	1.3	NE
12/03/2015	04:10	1.3	ENE
12/03/2015	04:15	0.9	E
12/03/2015	04:20	1.8	NE
12/03/2015	04:25	2.2	NE
12/03/2015	04:30	2.7	ENE
12/03/2015	04:35	2.7	NE
12/03/2015	04:40	3.6	NE
12/03/2015	04:45	3.1	NE
12/03/2015	04:50	2.7	E
12/03/2015	04:55	3.1	ENE
12/03/2015	05:00	2.2	ENE
12/03/2015	05:05	2.2	ENE
12/03/2015	05:10	1.8	NE
12/03/2015	05:15	1.8	NE
12/03/2015	05:20	2.2	E
12/03/2015	05:25	2.2	NE
12/03/2015	05:30	1.8	NE
12/03/2015	05:35	2.2	E
12/03/2015	05:40	0.9	E
12/03/2015	05:45	2.2	E
12/03/2015	05:50	1.8	E
12/03/2015	05:55	2.2	E
12/03/2015	06:00	2.2	ENE
12/03/2015	06:05	2.2	E
12/03/2015	06:10	3.1	E
12/03/2015	06:15	2.7	E
12/03/2015	06:20	2.2	E
12/03/2015	06:25	1.8	E
12/03/2015	06:30	2.2	E
12/03/2015	06:35	2.7	E
12/03/2015	06:40	1.8	NE
12/03/2015	06:45	2.2	E
12/03/2015	06:50	2.2	E
12/03/2015	06:55	2.7	E
12/03/2015	07:00	2.2	E
12/03/2015	07:05	2.2	ENE
12/03/2015	07:10	2.7	ENE
12/03/2015	07:15	1.3	NNE
12/03/2015	07:20	2.2	E
12/03/2015	07:25	2.2	E
12/03/2015	07:30	2.2	ENE
12/03/2015	07:35	2.2	E
12/03/2015	07:40	3.1	E
12/03/2015	07:45	3.1	ENE
12/03/2015	07:50	1.8	E
12/03/2015	07:55	1.3	E
12/03/2015	08:00	1.8	NE
12/03/2015	08:05	2.7	E
12/03/2015	08:10	1.8	E
12/03/2015	08:15	2.7	ESE
12/03/2015	08:20	2.7	E
12/03/2015	08:25	1.8	E
12/03/2015	08:30	4.5	E
12/03/2015	08:35	4.5	E

Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction
12/03/2015	08:40	3.6	E
12/03/2015	08:45	2.7	E
12/03/2015	08:50	3.1	E
12/03/2015	08:55	3.1	E
12/03/2015	09:00	3.6	E
12/03/2015	09:05	2.7	ENE
12/03/2015	09:10	3.1	E
12/03/2015	09:15	3.6	E
12/03/2015	09:20	2.2	E
12/03/2015	09:25	2.7	E
12/03/2015	09:30	2.7	E
12/03/2015	09:35	2.7	E
12/03/2015	09:40	2.7	ENE
12/03/2015	09:45	4	E
12/03/2015	09:50	3.1	E
12/03/2015	09:55	3.1	E
12/03/2015	10:00	4.5	E
12/03/2015	10:05	3.6	ENE
12/03/2015	10:10	4.9	NE
12/03/2015	10:15	4.9	NE
12/03/2015	10:20	5.4	NE
12/03/2015	10:25	5.4	ENE
12/03/2015	10:30	5.4	NE
12/03/2015	10:35	2.2	E
12/03/2015	10:40	4	E
12/03/2015	10:45	3.6	E
12/03/2015	10:50	4	ENE
12/03/2015	10:55	3.1	ENE
12/03/2015	11:00	4.9	E
12/03/2015	11:05	4.9	ENE
12/03/2015	11:10	4	E
12/03/2015	11:15	4.5	E
12/03/2015	11:20	4.9	E
12/03/2015	11:25	3.6	NE
12/03/2015	11:30	3.1	ENE
12/03/2015	11:35	4	ENE
12/03/2015	11:40	3.6	ENE
12/03/2015	11:45	3.6	NE
12/03/2015	11:50	5.4	NE
12/03/2015	11:55	5.4	ENE
12/03/2015	12:00	4.9	E
12/03/2015	12:05	6.3	E
12/03/2015	12:10	5.8	ENE
12/03/2015	12:15	5.8	ENE
12/03/2015	12:20	5.4	ENE
12/03/2015	12:25	5.4	E
12/03/2015	12:30	5.8	ENE
12/03/2015	12:35	5.4	ENE
12/03/2015	12:40	6.3	E
12/03/2015	12:45	5.4	ENE
12/03/2015	12:50	5.4	ENE
12/03/2015	12:55	3.6	E
12/03/2015	13:00	5.4	E
12/03/2015	13:05	5.4	E
12/03/2015	13:10	4.5	E
12/03/2015	13:15	4	E
12/03/2015	13:20	4.9	E
12/03/2015	13:25	5.8	E
12/03/2015	13:30	5.8	ENE
12/03/2015	13:35	5.4	E
12/03/2015	13:40	6.3	NE
12/03/2015	13:45	7.2	NE
12/03/2015	13:50	7.2	NE
12/03/2015	13:55	5.8	ENE
12/03/2015	14:00	6.3	E
12/03/2015	14:05	5.8	E
12/03/2015	14:10	6.7	E
12/03/2015	14:15	4.9	ENE
12/03/2015	14:20	5.4	NE
12/03/2015	14:25	4.9	ENE
12/03/2015	14:30	5.8	E
12/03/2015	14:35	5.8	E
12/03/2015	14:40	5.4	ENE
12/03/2015	14:45	5.4	E
12/03/2015	14:50	5.4	ENE
12/03/2015	14:55	5.4	ENE
12/03/2015	15:00	6.3	ENE
12/03/2015	15:05	5.8	ENE
12/03/2015	15:10	5.8	ENE
12/03/2015	15:15	6.7	E
12/03/2015	15:20	6.7	ENE
12/03/2015	15:25	3.6	ENE
12/03/2015	15:30	4.5	E
12/03/2015	15:35	4	E
12/03/2015	15:40	4	E
12/03/2015	15:45	4.5	E
12/03/2015	15:50	4.9	E
12/03/2015	15:55	4.9	E
12/03/2015	16:00	5.8	ENE
12/03/2015	16:05	7.2	NE
12/03/2015	16:10	6.3	ENE

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

Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction
12/03/2015	16:15	5.4	ENE	12/03/2015	23:50	2.7	NE	13/03/2015	07:25	4	E
12/03/2015	16:20	5.8	ENE	12/03/2015	23:55	3.1	ENE	13/03/2015	07:30	2.7	E
12/03/2015	16:25	4.9	ENE	13/03/2015	00:00	3.6	ENE	13/03/2015	07:35	2.2	E
12/03/2015	16:30	4.9	NE	13/03/2015	00:05	1.8	E	13/03/2015	07:40	1.8	E
12/03/2015	16:35	5.4	ENE	13/03/2015	00:10	1.3	NE	13/03/2015	07:45	3.1	ENE
12/03/2015	16:40	4.9	ENE	13/03/2015	00:15	1.3	E	13/03/2015	07:50	4	NE
12/03/2015	16:45	4.9	ENE	13/03/2015	00:20	1.3	NE	13/03/2015	07:55	3.6	ENE
12/03/2015	16:50	4.5	E	13/03/2015	00:25	1.3	ENE	13/03/2015	08:00	4	ENE
12/03/2015	16:55	4.9	E	13/03/2015	00:30	2.2	ENE	13/03/2015	08:05	4.5	ENE
12/03/2015	17:00	4.5	E	13/03/2015	00:35	2.7	E	13/03/2015	08:10	4.9	NE
12/03/2015	17:05	6.7	E	13/03/2015	00:40	4	E	13/03/2015	08:15	5.4	NE
12/03/2015	17:10	5.4	E	13/03/2015	00:45	2.2	E	13/03/2015	08:20	4	ENE
12/03/2015	17:15	4.5	E	13/03/2015	00:50	3.1	E	13/03/2015	08:25	4.5	ENE
12/03/2015	17:20	4.5	ENE	13/03/2015	00:55	2.2	ENE	13/03/2015	08:30	4	ENE
12/03/2015	17:25	4	ENE	13/03/2015	01:00	2.7	NE	13/03/2015	08:35	4	NE
12/03/2015	17:30	4.5	ENE	13/03/2015	01:05	2.7	ENE	13/03/2015	08:40	4	NE
12/03/2015	17:35	4	ENE	13/03/2015	01:10	3.6	ENE	13/03/2015	08:45	4	ENE
12/03/2015	17:40	4	ENE	13/03/2015	01:15	4	ENE	13/03/2015	08:50	4.5	NE
12/03/2015	17:45	4.5	ENE	13/03/2015	01:20	2.7	E	13/03/2015	08:55	3.6	ENE
12/03/2015	17:50	4	ENE	13/03/2015	01:25	1.3	NE	13/03/2015	09:00	3.6	ENE
12/03/2015	17:55	4.9	ENE	13/03/2015	01:30	3.1	NE	13/03/2015	09:05	4	ENE
12/03/2015	18:00	4.9	E	13/03/2015	01:35	4	NE	13/03/2015	09:10	4	ENE
12/03/2015	18:05	4	E	13/03/2015	01:40	3.6	NE	13/03/2015	09:15	4	E
12/03/2015	18:10	4	E	13/03/2015	01:45	3.6	NE	13/03/2015	09:20	3.1	E
12/03/2015	18:15	4.9	E	13/03/2015	01:50	4	NE	13/03/2015	09:25	4	E
12/03/2015	18:20	4.9	E	13/03/2015	01:55	4	NE	13/03/2015	09:30	3.1	NE
12/03/2015	18:25	5.8	E	13/03/2015	02:00	4	NE	13/03/2015	09:35	3.6	ENE
12/03/2015	18:30	5.4	E	13/03/2015	02:05	4	E	13/03/2015	09:40	3.1	ENE
12/03/2015	18:35	4.5	E	13/03/2015	02:10	3.1	ENE	13/03/2015	09:45	2.7	ENE
12/03/2015	18:40	5.8	E	13/03/2015	02:15	3.6	ENE	13/03/2015	09:50	2.7	E
12/03/2015	18:45	4.9	ENE	13/03/2015	02:20	2.7	ENE	13/03/2015	09:55	3.1	NE
12/03/2015	18:50	4.9	ENE	13/03/2015	02:25	2.7	ENE	13/03/2015	10:00	4	ENE
12/03/2015	18:55	4	ENE	13/03/2015	02:30	3.1	E	13/03/2015	10:05	3.1	ENE
12/03/2015	19:00	4.5	ENE	13/03/2015	02:35	3.6	ENE	13/03/2015	10:10	3.6	ENE
12/03/2015	19:05	3.6	ENE	13/03/2015	02:40	4.9	ENE	13/03/2015	10:15	4.9	ENE
12/03/2015	19:10	3.1	ENE	13/03/2015	02:45	4.5	ENE	13/03/2015	10:20	4.5	ENE
12/03/2015	19:15	4.5	ENE	13/03/2015	02:50	4	ENE	13/03/2015	10:25	4	ENE
12/03/2015	19:20	5.8	E	13/03/2015	02:55	3.6	ENE	13/03/2015	10:30	4	ENE
12/03/2015	19:25	5.8	E	13/03/2015	03:00	4.5	ENE	13/03/2015	10:35	4.9	ENE
12/03/2015	19:30	6.3	E	13/03/2015	03:05	4.9	ENE	13/03/2015	10:40	4.9	ENE
12/03/2015	19:35	5.8	E	13/03/2015	03:10	4.9	ENE	13/03/2015	10:45	4.9	ENE
12/03/2015	19:40	6.3	E	13/03/2015	03:15	4.9	ENE	13/03/2015	10:50	3.6	NE
12/03/2015	19:45	6.7	ENE	13/03/2015	03:20	4.9	ENE	13/03/2015	10:55	3.1	ENE
12/03/2015	19:50	6.3	E	13/03/2015	03:25	4.5	ENE	13/03/2015	11:00	3.1	ENE
12/03/2015	19:55	4.5	ENE	13/03/2015	03:30	4.5	ENE	13/03/2015	11:05	2.7	NE
12/03/2015	20:00	4.9	NE	13/03/2015	03:35	4.5	ENE	13/03/2015	11:10	2.7	ENE
12/03/2015	20:05	4	ENE	13/03/2015	03:40	4.5	ENE	13/03/2015	11:15	2.7	NE
12/03/2015	20:10	4	ENE	13/03/2015	03:45	4	ENE	13/03/2015	11:20	2.7	ENE
12/03/2015	20:15	4	NE	13/03/2015	03:50	4.5	NE	13/03/2015	11:25	3.6	ENE
12/03/2015	20:20	4	NE	13/03/2015	03:55	4	NE	13/03/2015	11:30	3.1	E
12/03/2015	20:25	4	ENE	13/03/2015	04:00	4	ENE	13/03/2015	11:35	3.6	ENE
12/03/2015	20:30	4.9	E	13/03/2015	04:05	2.2	ENE	13/03/2015	11:40	4	NE
12/03/2015	20:35	4.9	ENE	13/03/2015	04:10	3.1	NE	13/03/2015	11:45	4	NE
12/03/2015	20:40	5.4	ENE	13/03/2015	04:15	3.1	ENE	13/03/2015	11:50	4	NE
12/03/2015	20:45	6.3	E	13/03/2015	04:20	2.7	NE	13/03/2015	11:55	4	NE
12/03/2015	20:50	5.4	ENE	13/03/2015	04:25	4	ENE	13/03/2015	12:00	2.7	NE
12/03/2015	20:55	5.4	E	13/03/2015	04:30	2.2	ENE	13/03/2015	12:05	3.6	NE
12/03/2015	21:00	5.8	ENE	13/03/2015	04:35	3.1	ENE	13/03/2015	12:10	2.7	NE
12/03/2015	21:05	5.8	E	13/03/2015	04:40	3.1	ENE	13/03/2015	12:15	4	NE
12/03/2015	21:10	4.5	ENE	13/03/2015	04:45	1.8	NNE	13/03/2015	12:20	4.5	NE
12/03/2015	21:15	4	E	13/03/2015	04:50	1.8	E	13/03/2015	12:25	4	NE
12/03/2015	21:20	4.5	ENE	13/03/2015	04:55	1.8	ENE	13/03/2015	12:30	4	NE
12/03/2015	21:25	4.5	ENE	13/03/2015	05:00	2.7	NE	13/03/2015	12:35	4.5	ENE
12/03/2015	21:30	5.4	ENE	13/03/2015	05:05	3.1	ENE	13/03/2015	12:40	4.5	NE
12/03/2015	21:35	4.5	ENE	13/03/2015	05:10	4	ENE	13/03/2015	12:45	4.5	NE
12/03/2015	21:40	6.3	E	13/03/2015	05:15	2.2	NE	13/03/2015	12:50	4	NE
12/03/2015	21:45	6.7	E	13/03/2015	05:20	2.7	NE	13/03/2015	12:55	4.5	ENE
12/03/2015	21:50	6.3	E	13/03/2015	05:25	3.1	NE	13/03/2015	13:00	4.5	NE
12/03/2015	21:55	5.8	ENE	13/03/2015	05:30	2.7	NE	13/03/2015	13:05	4.5	NE
12/03/2015	22:00	7.2	ENE	13/03/2015	05:35	2.2	N	13/03/2015	13:10	4	ENE
12/03/2015	22:05	6.7	ENE	13/03/2015	05:40	2.2	ENE	13/03/2015	13:15	4	NE
12/03/2015	22:10	3.6	NE	13/03/2015	05:45	4	ENE	13/03/2015	13:20	4.9	NE
12/03/2015	22:15	2.7	E	13/03/2015	05:50	2.7	ENE	13/03/2015	13:25	4	ENE
12/03/2015	22:20	3.6	ENE	13/03/2015	05:55	3.6	ENE	13/03/2015	13:30	4	ENE
12/03/2015	22:25	1.8	ENE	13/03/2015	06:00	4	ENE	13/03/2015	13:35	4	ENE
12/03/2015	22:30	2.7	ENE	13/03/2015	06:05	4.9	ENE	13/03/2015	13:40	4.9	ENE
12/03/2015	22:35	3.6	ENE	13/03/2015	06:10	5.8	E	13/03/2015	13:45	4.9	ENE
12/03/2015	22:40	3.1	ENE	13/03/2015	06:15	5.4	ENE	13/03/2015	13:50	4.5	ENE
12/03/2015	22:45	4	E	13/03/2015	06:20	6.3	E	13/03/2015	13:55	4.5	ENE
12/03/2015	22:50	2.7	ENE	13/03/2015	06:25	4.9	ENE	13/03/2015	14:00	4.9	ENE
12/03/2015	22:55	3.6	E	13/03/2015	06:30	5.4	E	13/03/2015	14:05	4	ENE
12/03/2015	23:00	4.5	ENE	13/03/2015	06:35	5.8	ENE	13/03/2015	14:10	4	ENE
12/03/2015	23:05	5.4	ENE	13/03/2015	06:40	5.4	ENE	13/03/2015	14:15	4.5	NE
12/03/2015	23:10	4.9	ENE	13/03/2015	06:45	4.9	ENE	13/03/2015	14:20	4.5	ENE
12/03/2015	23:15	5.8	E	13/03/2015	06:50	4.5	ENE	13/03/2015	14:25	4	NE
12/03/2015	23:20	3.1	ENE	13/03/2015	06:55	4	ENE	13/03/2015	14:30	3.1	NE
12/03/2015	23:25	3.1	ENE	13/03/2015	07:00	4	E	13/03/2015	14:35	4	ENE
12/03/2015	23:30	1.8	E	13/03/2015	07:05	3.6	ENE	13/03/2015	14:40	3.6	NE
12/03/2015	23:35	3.6	ENE	13/03/2015	07:10	4	ENE	13/03/2015	14:45	3.1	NE
12/03/2015	23:40	3.6	ENE	13/03/2015	07:15	4	NE	13/03/2015	14:50	4	NE
12/03/2015	23:45	3.6	ENE	13/03/2015	07:20	4	ENE	13/03/2015	14:55	4.5	ENE

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

Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction
13/03/2015	15:00	4.5	NE	13/03/2015	22:35	0.4	S	14/03/2015	06:10	3.1	NE
13/03/2015	15:05	4.9	NE	13/03/2015	22:40	2.7	W	14/03/2015	06:15	2.7	ENE
13/03/2015	15:10	4.5	NE	13/03/2015	22:45	2.2	NW	14/03/2015	06:20	2.7	ENE
13/03/2015	15:15	4.9	NE	13/03/2015	22:50	2.2	NW	14/03/2015	06:25	3.1	ENE
13/03/2015	15:20	4.5	NE	13/03/2015	22:55	1.3	NW	14/03/2015	06:30	2.7	NE
13/03/2015	15:25	4	ENE	13/03/2015	23:00	0.9	SW	14/03/2015	06:35	3.6	NE
13/03/2015	15:30	4.5	ENE	13/03/2015	23:05	1.8	NNW	14/03/2015	06:40	3.6	NE
13/03/2015	15:35	4.5	ENE	13/03/2015	23:10	1.3	WNW	14/03/2015	06:45	3.1	NE
13/03/2015	15:40	4	ENE	13/03/2015	23:15	2.7	SSW	14/03/2015	06:50	3.1	NE
13/03/2015	15:45	4	ENE	13/03/2015	23:20	3.1	W	14/03/2015	06:55	3.1	NE
13/03/2015	15:50	4	NE	13/03/2015	23:25	4.5	W	14/03/2015	07:00	2.7	NE
13/03/2015	15:55	4	NE	13/03/2015	23:30	3.6	WSW	14/03/2015	07:05	1.8	NE
13/03/2015	16:00	4	NE	13/03/2015	23:35	3.1	NW	14/03/2015	07:10	1.8	NE
13/03/2015	16:05	4	ENE	13/03/2015	23:40	3.1	NE	14/03/2015	07:15	1.3	ENE
13/03/2015	16:10	4	ENE	13/03/2015	23:45	3.6	NE	14/03/2015	07:20	2.2	ENE
13/03/2015	16:15	3.6	ENE	13/03/2015	23:50	1.8	NNE	14/03/2015	07:25	3.1	ENE
13/03/2015	16:20	3.6	ENE	13/03/2015	23:55	0.9	SSW	14/03/2015	07:30	3.6	ENE
13/03/2015	16:25	2.2	ENE	14/03/2015	00:00	1.3	WSW	14/03/2015	07:35	2.2	ENE
13/03/2015	16:30	2.2	NE	14/03/2015	00:05	1.8	WNW	14/03/2015	07:40	3.1	ENE
13/03/2015	16:35	2.2	NE	14/03/2015	00:10	1.3	W	14/03/2015	07:45	4	ENE
13/03/2015	16:40	2.2	E	14/03/2015	00:15	0.9	NW	14/03/2015	07:50	3.1	ENE
13/03/2015	16:45	1.3	ENE	14/03/2015	00:20	1.3	W	14/03/2015	07:55	2.2	NNE
13/03/2015	16:50	1.8	E	14/03/2015	00:25	1.3	NW	14/03/2015	08:00	3.1	ENE
13/03/2015	16:55	3.1	ENE	14/03/2015	00:30	1.8	W	14/03/2015	08:05	4	NE
13/03/2015	17:00	3.1	E	14/03/2015	00:35	1.8	WNW	14/03/2015	08:10	3.6	NE
13/03/2015	17:05	2.7	E	14/03/2015	00:40	1.8	W	14/03/2015	08:15	4	NE
13/03/2015	17:10	1.8	NE	14/03/2015	00:45	1.8	NW	14/03/2015	08:20	3.6	NE
13/03/2015	17:15	1.8	NE	14/03/2015	00:50	1.8	NW	14/03/2015	08:25	3.6	ENE
13/03/2015	17:20	3.1	E	14/03/2015	00:55	1.8	WNW	14/03/2015	08:30	3.1	NE
13/03/2015	17:25	2.2	ENE	14/03/2015	01:00	3.1	NW	14/03/2015	08:35	3.6	NE
13/03/2015	17:30	4	ENE	14/03/2015	01:05	2.7	NW	14/03/2015	08:40	4	NE
13/03/2015	17:35	4	E	14/03/2015	01:10	1.8	W	14/03/2015	08:45	4	NE
13/03/2015	17:40	3.1	ENE	14/03/2015	01:15	2.7	W	14/03/2015	08:50	4.9	NE
13/03/2015	17:45	4.5	E	14/03/2015	01:20	2.7	NW	14/03/2015	08:55	4.9	NE
13/03/2015	17:50	4.5	ENE	14/03/2015	01:25	2.7	NW	14/03/2015	09:00	4.5	NE
13/03/2015	17:55	4.5	E	14/03/2015	01:30	1.8	NW	14/03/2015	09:05	4.9	NE
13/03/2015	18:00	4.5	ENE	14/03/2015	01:35	2.2	WNW	14/03/2015	09:10	4	NE
13/03/2015	18:05	4.9	ENE	14/03/2015	01:40	2.2	NW	14/03/2015	09:15	3.1	NE
13/03/2015	18:10	4.5	ENE	14/03/2015	01:45	2.2	NW	14/03/2015	09:20	3.6	ENE
13/03/2015	18:15	4.5	ENE	14/03/2015	01:50	0.9	WNW	14/03/2015	09:25	4	ENE
13/03/2015	18:20	5.4	ENE	14/03/2015	01:55	1.3	W	14/03/2015	09:30	4	NE
13/03/2015	18:25	4.9	ENE	14/03/2015	02:00	2.7	W	14/03/2015	09:35	4	ENE
13/03/2015	18:30	4.9	ENE	14/03/2015	02:05	0.9	NE	14/03/2015	09:40	5.4	ENE
13/03/2015	18:35	4.5	NE	14/03/2015	02:10	0.9	WSW	14/03/2015	09:45	5.8	ENE
13/03/2015	18:40	4.5	ENE	14/03/2015	02:15	1.8	W	14/03/2015	09:50	5.8	ENE
13/03/2015	18:45	4.5	ENE	14/03/2015	02:20	1.8	WNW	14/03/2015	09:55	5.8	E
13/03/2015	18:50	4	ENE	14/03/2015	02:25	2.2	N	14/03/2015	10:00	5.4	E
13/03/2015	18:55	5.8	ENE	14/03/2015	02:30	1.3	WNW	14/03/2015	10:05	5.4	ENE
13/03/2015	19:00	5.4	ENE	14/03/2015	02:35	2.2	SW	14/03/2015	10:10	5.8	E
13/03/2015	19:05	4.5	ENE	14/03/2015	02:40	2.2	W	14/03/2015	10:15	6.3	E
13/03/2015	19:10	4	ENE	14/03/2015	02:45	2.2	NW	14/03/2015	10:20	6.7	E
13/03/2015	19:15	3.6	E	14/03/2015	02:50	1.8	E	14/03/2015	10:25	6.3	E
13/03/2015	19:20	4	ENE	14/03/2015	02:55	2.2	WNW	14/03/2015	10:30	5.8	ENE
13/03/2015	19:25	3.6	ENE	14/03/2015	03:00	1.8	NNW	14/03/2015	10:35	5.4	ENE
13/03/2015	19:30	2.7	ENE	14/03/2015	03:05	1.8	S	14/03/2015	10:40	5.4	E
13/03/2015	19:35	3.6	ENE	14/03/2015	03:10	2.7	WSW	14/03/2015	10:45	5.8	ENE
13/03/2015	19:40	3.1	ENE	14/03/2015	03:15	1.8	W	14/03/2015	10:50	5.8	ENE
13/03/2015	19:45	3.6	ENE	14/03/2015	03:20	2.2	WSW	14/03/2015	10:55	4.5	ENE
13/03/2015	19:50	5.4	ENE	14/03/2015	03:25	3.6	NW	14/03/2015	11:00	4	ENE
13/03/2015	19:55	5.8	ENE	14/03/2015	03:30	1.8	SSW	14/03/2015	11:05	4.5	ENE
13/03/2015	20:00	5.4	ENE	14/03/2015	03:35	2.7	ENE	14/03/2015	11:10	4.9	E
13/03/2015	20:05	4.5	ENE	14/03/2015	03:40	4.9	ENE	14/03/2015	11:15	4.9	ENE
13/03/2015	20:10	4	ENE	14/03/2015	03:45	2.2	ENE	14/03/2015	11:20	4	ENE
13/03/2015	20:15	4	ENE	14/03/2015	03:50	2.2	WNW	14/03/2015	11:25	4.9	ENE
13/03/2015	20:20	3.6	ENE	14/03/2015	03:55	2.2	NW	14/03/2015	11:30	4	ENE
13/03/2015	20:25	3.6	ENE	14/03/2015	04:00	1.3	ENE	14/03/2015	11:35	4.9	ENE
13/03/2015	20:30	3.1	ENE	14/03/2015	04:05	2.2	W	14/03/2015	11:40	4.9	E
13/03/2015	20:35	4	ENE	14/03/2015	04:10	3.1	WSW	14/03/2015	11:45	4	ENE
13/03/2015	20:40	3.6	ENE	14/03/2015	04:15	3.1	WSW	14/03/2015	11:50	4.9	E
13/03/2015	20:45	4.9	ENE	14/03/2015	04:20	1.3	SSW	14/03/2015	11:55	5.8	ENE
13/03/2015	20:50	3.1	ENE	14/03/2015	04:25	2.7	W	14/03/2015	12:00	5.4	E
13/03/2015	20:55	4	ENE	14/03/2015	04:30	1.8	NNE	14/03/2015	12:05	5.4	ENE
13/03/2015	21:00	3.1	E	14/03/2015	04:35	2.7	ENE	14/03/2015	12:10	4.9	ENE
13/03/2015	21:05	4	ENE	14/03/2015	04:40	4	NE	14/03/2015	12:15	4.5	ENE
13/03/2015	21:10	4	ENE	14/03/2015	04:45	3.1	NE	14/03/2015	12:20	4.9	ENE
13/03/2015	21:15	2.7	E	14/03/2015	04:50	4.5	ENE	14/03/2015	12:25	4.9	ENE
13/03/2015	21:20	2.2	E	14/03/2015	04:55	4.5	NE	14/03/2015	12:30	5.8	ENE
13/03/2015	21:25	2.2	E	14/03/2015	05:00	4.5	ENE	14/03/2015	12:35	5.8	ENE
13/03/2015	21:30	1.3	ENE	14/03/2015	05:05	3.6	NE	14/03/2015	12:40	5.4	ENE
13/03/2015	21:35	0.4	E	14/03/2015	05:10	4	NE	14/03/2015	12:45	6.3	E
13/03/2015	21:40	1.3	ENE	14/03/2015	05:15	3.6	NE	14/03/2015	12:50	6.7	E
13/03/2015	21:45	1.8	ENE	14/03/2015	05:20	4	NE	14/03/2015	12:55	5.4	ENE
13/03/2015	21:50	2.2	E	14/03/2015	05:25	4	NE	14/03/2015	13:00	6.7	ENE
13/03/2015	21:55	0.9	ESE	14/03/2015	05:30	4	NE	14/03/2015	13:05	5.4	E
13/03/2015	22:00	0.9	ESE	14/03/2015	05:35	4	NE	14/03/2015	13:10	4.5	E
13/03/2015	22:05	0.9	ESE	14/03/2015	05:40	3.1	ENE	14/03/2015	13:15	4.9	E
13/03/2015	22:10	1.3	W	14/03/2015	05:45	3.1	ENE	14/03/2015	13:20	4.5	ENE
13/03/2015	22:15	1.8	W	14/03/2015	05:50	2.7	ENE	14/03/2015	13:25	3.6	E
13/03/2015	22:20	1.3	W	14/03/2015	05:55	2.7	ENE	14/03/2015	13:30	5.4	E
13/03/2015	22:25	0.4	NW	14/03/2015	06:00	3.6	ENE	14/03/2015	13:35	4.5	ENE
13/03/2015	22:30	0.4	W	14/03/2015	06:05	2.7	ENE	14/03/2015	13:40	5.4	E

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

Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction
14/03/2015	13:45	5.4	ENE	14/03/2015	21:20	1.8	NE	15/03/2015	04:55	0.9	ENE
14/03/2015	13:50	3.1	E	14/03/2015	21:25	2.2	WNW	15/03/2015	05:00	1.8	ENE
14/03/2015	13:55	4.9	ENE	14/03/2015	21:30	2.2	N	15/03/2015	05:05	1.3	ENE
14/03/2015	14:00	4.5	E	14/03/2015	21:35	1.8	NW	15/03/2015	05:10	1.8	ENE
14/03/2015	14:05	4.5	E	14/03/2015	21:40	1.8	NW	15/03/2015	05:15	2.7	ENE
14/03/2015	14:10	3.6	ENE	14/03/2015	21:45	1.8	NNW	15/03/2015	05:20	1.3	WNW
14/03/2015	14:15	4.5	ENE	14/03/2015	21:50	1.3	NNW	15/03/2015	05:25	1.8	W
14/03/2015	14:20	4.9	E	14/03/2015	21:55	1.3	W	15/03/2015	05:30	2.2	NE
14/03/2015	14:25	4.9	E	14/03/2015	22:00	0.4	E	15/03/2015	05:35	1.8	ENE
14/03/2015	14:30	4.9	E	14/03/2015	22:05	1.3	SSW	15/03/2015	05:40	0.9	N
14/03/2015	14:35	4.5	E	14/03/2015	22:10	4	NE	15/03/2015	05:45	0.4	E
14/03/2015	14:40	4.5	E	14/03/2015	22:15	4.9	NE	15/03/2015	05:50	0.9	ENE
14/03/2015	14:45	4.9	E	14/03/2015	22:20	4.5	NE	15/03/2015	05:55	0.9	NNW
14/03/2015	14:50	5.8	E	14/03/2015	22:25	3.6	NNE	15/03/2015	06:00	1.3	ENE
14/03/2015	14:55	4.9	ENE	14/03/2015	22:30	1.3	NE	15/03/2015	06:05	1.8	NE
14/03/2015	15:00	4.5	E	14/03/2015	22:35	0.9	NE	15/03/2015	06:10	3.6	E
14/03/2015	15:05	4	E	14/03/2015	22:40	1.8	NE	15/03/2015	06:15	4	NE
14/03/2015	15:10	3.1	E	14/03/2015	22:45	0.9	NE	15/03/2015	06:20	3.6	NE
14/03/2015	15:15	4	E	14/03/2015	22:50	0.4	E	15/03/2015	06:25	4.9	ENE
14/03/2015	15:20	4	E	14/03/2015	22:55	0.9	NNE	15/03/2015	06:30	5.4	E
14/03/2015	15:25	4	E	14/03/2015	23:00	0.4	WNW	15/03/2015	06:35	4	ENE
14/03/2015	15:30	2.7	E	14/03/2015	23:05	0.9	SW	15/03/2015	06:40	3.1	E
14/03/2015	15:35	2.7	E	14/03/2015	23:10	2.7	E	15/03/2015	06:45	4	E
14/03/2015	15:40	3.1	ENE	14/03/2015	23:15	4	E	15/03/2015	06:50	4.5	E
14/03/2015	15:45	2.7	E	14/03/2015	23:20	3.6	E	15/03/2015	06:55	3.6	ENE
14/03/2015	15:50	1.3	ENE	14/03/2015	23:25	4.9	ENE	15/03/2015	07:00	4	ENE
14/03/2015	15:55	1.8	ESE	14/03/2015	23:30	3.6	NE	15/03/2015	07:05	3.1	ENE
14/03/2015	16:00	0.9	NNE	14/03/2015	23:35	4	NE	15/03/2015	07:10	4	E
14/03/2015	16:05	2.7	ENE	14/03/2015	23:40	3.6	NNE	15/03/2015	07:15	1.3	NW
14/03/2015	16:10	3.6	ENE	14/03/2015	23:45	4.5	NNE	15/03/2015	07:20	0.4	NW
14/03/2015	16:15	4	ENE	14/03/2015	23:50	2.2	NE	15/03/2015	07:25	1.3	E
14/03/2015	16:20	4.5	ENE	14/03/2015	23:55	2.2	NNE	15/03/2015	07:30	3.6	E
14/03/2015	16:25	4	NE	15/03/2015	00:00	0.4	NW	15/03/2015	07:35	2.2	E
14/03/2015	16:30	3.6	ENE	15/03/2015	00:05	0.9	NW	15/03/2015	07:40	1.3	W
14/03/2015	16:35	4	ENE	15/03/2015	00:10	1.3	WNW	15/03/2015	07:45	1.8	NE
14/03/2015	16:40	3.1	NE	15/03/2015	00:15	1.3	WSW	15/03/2015	07:50	4.5	E
14/03/2015	16:45	2.2	NE	15/03/2015	00:20	0.9	NW	15/03/2015	07:55	1.8	ENE
14/03/2015	16:50	2.7	ENE	15/03/2015	00:25	0.4	NW	15/03/2015	08:00	1.8	WNW
14/03/2015	16:55	2.7	ENE	15/03/2015	00:30	0.9	SE	15/03/2015	08:05	2.7	NE
14/03/2015	17:00	4.5	E	15/03/2015	00:35	0.4	SW	15/03/2015	08:10	3.1	ENE
14/03/2015	17:05	4.5	ENE	15/03/2015	00:40	0.4	SW	15/03/2015	08:15	0.4	SSE
14/03/2015	17:10	4.5	ENE	15/03/2015	00:45	0.4	SW	15/03/2015	08:20	1.3	W
14/03/2015	17:15	4	ENE	15/03/2015	00:50	0.4	SW	15/03/2015	08:25	2.7	E
14/03/2015	17:20	2.7	ENE	15/03/2015	00:55	1.3	NE	15/03/2015	08:30	4	E
14/03/2015	17:25	4	ENE	15/03/2015	01:00	1.3	N	15/03/2015	08:35	3.6	E
14/03/2015	17:30	3.1	ENE	15/03/2015	01:05	1.3	SW	15/03/2015	08:40	1.8	WSW
14/03/2015	17:35	4.9	ENE	15/03/2015	01:10	0.4	WSW	15/03/2015	08:45	1.3	W
14/03/2015	17:40	4.9	E	15/03/2015	01:15	0.4	NE	15/03/2015	08:50	2.2	NNE
14/03/2015	17:45	4.5	ENE	15/03/2015	01:20	1.3	ENE	15/03/2015	08:55	4.9	E
14/03/2015	17:50	5.4	ENE	15/03/2015	01:25	1.3	ENE	15/03/2015	09:00	0.9	SSW
14/03/2015	17:55	4.9	E	15/03/2015	01:30	0.4	NNE	15/03/2015	09:05	2.7	E
14/03/2015	18:00	5.4	ENE	15/03/2015	01:35	0.4	NNE	15/03/2015	09:10	3.6	E
14/03/2015	18:05	4.9	ENE	15/03/2015	01:40	0.4	NNE	15/03/2015	09:15	1.8	ENE
14/03/2015	18:10	4	ENE	15/03/2015	01:45	0.4	NNE	15/03/2015	09:20	0.9	E
14/03/2015	18:15	4.5	ENE	15/03/2015	01:50	1.3	E	15/03/2015	09:25	3.1	ENE
14/03/2015	18:20	3.6	ENE	15/03/2015	01:55	2.7	E	15/03/2015	09:30	2.2	NE
14/03/2015	18:25	4.5	ENE	15/03/2015	02:00	3.1	E	15/03/2015	09:35	2.7	NE
14/03/2015	18:30	4	ENE	15/03/2015	02:05	4.5	E	15/03/2015	09:40	3.6	NE
14/03/2015	18:35	4.5	ENE	15/03/2015	02:10	1.8	E	15/03/2015	09:45	2.2	ENE
14/03/2015	18:40	3.1	ENE	15/03/2015	02:15	0.9	ENE	15/03/2015	09:50	2.2	E
14/03/2015	18:45	3.6	ENE	15/03/2015	02:20	2.2	ENE	15/03/2015	09:55	1.3	ENE
14/03/2015	18:50	3.6	ENE	15/03/2015	02:25	2.7	E	15/03/2015	10:00	2.7	ENE
14/03/2015	18:55	3.1	ENE	15/03/2015	02:30	2.2	ENE	15/03/2015	10:05	1.8	NE
14/03/2015	19:00	3.6	ENE	15/03/2015	02:35	3.1	E	15/03/2015	10:10	0.9	NNE
14/03/2015	19:05	4	ENE	15/03/2015	02:40	2.2	E	15/03/2015	10:15	0.4	SW
14/03/2015	19:10	2.7	ENE	15/03/2015	02:45	3.6	ENE	15/03/2015	10:20	1.3	E
14/03/2015	19:15	1.8	ENE	15/03/2015	02:50	3.1	ENE	15/03/2015	10:25	1.8	ENE
14/03/2015	19:20	2.7	ENE	15/03/2015	02:55	6.7	E	15/03/2015	10:30	2.2	ENE
14/03/2015	19:25	4	ENE	15/03/2015	03:00	6.7	E	15/03/2015	10:35	1.8	ENE
14/03/2015	19:30	4	ENE	15/03/2015	03:05	4	E	15/03/2015	10:40	2.2	ENE
14/03/2015	19:35	2.2	NE	15/03/2015	03:10	4.9	E	15/03/2015	10:45	2.2	ENE
14/03/2015	19:40	3.6	ENE	15/03/2015	03:15	5.8	E	15/03/2015	10:50	4	ENE
14/03/2015	19:45	4	ENE	15/03/2015	03:20	5.8	E	15/03/2015	10:55	3.6	E
14/03/2015	19:50	4	E	15/03/2015	03:25	5.8	E	15/03/2015	11:00	3.6	ENE
14/03/2015	19:55	4	ENE	15/03/2015	03:30	4.5	E	15/03/2015	11:05	3.1	E
14/03/2015	20:00	4	ENE	15/03/2015	03:35	4	E	15/03/2015	11:10	2.7	E
14/03/2015	20:05	3.1	E	15/03/2015	03:40	4.5	ENE	15/03/2015	11:15	4	ESE
14/03/2015	20:10	3.1	ENE	15/03/2015	03:45	3.6	ENE	15/03/2015	11:20	3.1	E
14/03/2015	20:15	2.2	E	15/03/2015	03:50	4	ENE	15/03/2015	11:25	3.1	E
14/03/2015	20:20	1.8	ENE	15/03/2015	03:55	4.9	ENE	15/03/2015	11:30	5.4	E
14/03/2015	20:25	2.2	E	15/03/2015	04:00	4	NE	15/03/2015	11:35	5.4	ENE
14/03/2015	20:30	1.3	ENE	15/03/2015	04:05	3.6	NE	15/03/2015	11:40	5.4	E
14/03/2015	20:35	2.2	ENE	15/03/2015	04:10	4	NE	15/03/2015	11:45	3.6	E
14/03/2015	20:40	2.2	NE	15/03/2015	04:15	2.7	NE	15/03/2015	11:50	4	E
14/03/2015	20:45	2.7	E	15/03/2015	04:20	3.1	ENE	15/03/2015	11:55	3.6	E
14/03/2015	20:50	1.3	E	15/03/2015	04:25	2.2	NE	15/03/2015	12:00	4.5	E
14/03/2015	20:55	3.1	E	15/03/2015	04:30	1.3	E	15/03/2015	12:05	4.5	E
14/03/2015	21:00	3.1	ENE	15/03/2015	04:35	0.4	E	15/03/2015	12:10	3.6	E
14/03/2015	21:05	2.2	ENE	15/03/2015	04:40	2.2	ENE	15/03/2015	12:15	3.6	E
14/03/2015	21:10	4	ENE	15/03/2015	04:45	1.8	ENE	15/03/2015	12:20	4	E
14/03/2015	21:15	2.7	ENE	15/03/2015	04:50	0.4	NE	15/03/2015	12:25	4	E

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

Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction
15/03/2015	12:30	3.1	ENE	15/03/2015	20:05	3.1	ENE	16/03/2015	03:40	0.4	WSW
15/03/2015	12:35	1.8	E	15/03/2015	20:10	2.7	ENE	16/03/2015	03:45	0.4	WSW
15/03/2015	12:40	4	E	15/03/2015	20:15	3.1	E	16/03/2015	03:50	0.4	WSW
15/03/2015	12:45	3.1	ESE	15/03/2015	20:20	2.2	ENE	16/03/2015	03:55	0.4	WSW
15/03/2015	12:50	2.7	ENE	15/03/2015	20:25	2.7	ENE	16/03/2015	04:00	0.4	WSW
15/03/2015	12:55	3.6	ENE	15/03/2015	20:30	2.7	ENE	16/03/2015	04:05	0.4	WNW
15/03/2015	13:00	1.3	NE	15/03/2015	20:35	2.2	E	16/03/2015	04:10	0.4	WNW
15/03/2015	13:05	1.8	ENE	15/03/2015	20:40	1.8	E	16/03/2015	04:15	0.4	WNW
15/03/2015	13:10	2.2	NNE	15/03/2015	20:45	3.1	ENE	16/03/2015	04:20	0.4	WNW
15/03/2015	13:15	1.8	NNE	15/03/2015	20:50	2.7	ENE	16/03/2015	04:25	0.4	WNW
15/03/2015	13:20	2.2	N	15/03/2015	20:55	3.6	ENE	16/03/2015	04:30	0.4	WNW
15/03/2015	13:25	2.7	N	15/03/2015	21:00	3.6	E	16/03/2015	04:35	0.4	WNW
15/03/2015	13:30	1.8	NE	15/03/2015	21:05	4	E	16/03/2015	04:40	0.4	WNW
15/03/2015	13:35	1.3	NNE	15/03/2015	21:10	4.5	ENE	16/03/2015	04:45	0.4	WSW
15/03/2015	13:40	1.8	NE	15/03/2015	21:15	3.6	E	16/03/2015	04:50	1.8	WNW
15/03/2015	13:45	4	ENE	15/03/2015	21:20	3.1	ENE	16/03/2015	04:55	1.3	WNW
15/03/2015	13:50	3.1	E	15/03/2015	21:25	3.6	E	16/03/2015	05:00	2.2	WNW
15/03/2015	13:55	4.5	E	15/03/2015	21:30	3.1	ENE	16/03/2015	05:05	1.3	WNW
15/03/2015	14:00	3.1	E	15/03/2015	21:35	2.2	E	16/03/2015	05:10	1.3	WNW
15/03/2015	14:05	3.1	E	15/03/2015	21:40	2.2	E	16/03/2015	05:15	0.4	WNW
15/03/2015	14:10	3.1	E	15/03/2015	21:45	2.7	E	16/03/2015	05:20	1.3	W
15/03/2015	14:15	4.5	E	15/03/2015	21:50	2.7	E	16/03/2015	05:25	2.2	W
15/03/2015	14:20	3.6	ENE	15/03/2015	21:55	2.7	E	16/03/2015	05:30	1.3	ENE
15/03/2015	14:25	2.2	NE	15/03/2015	22:00	1.3	E	16/03/2015	05:35	1.3	ENE
15/03/2015	14:30	1.8	E	15/03/2015	22:05	2.2	E	16/03/2015	05:40	1.3	NE
15/03/2015	14:35	3.1	ENE	15/03/2015	22:10	0.9	ENE	16/03/2015	05:45	0.9	NNE
15/03/2015	14:40	1.3	E	15/03/2015	22:15	0.9	ENE	16/03/2015	05:50	0.9	NNE
15/03/2015	14:45	2.7	ENE	15/03/2015	22:20	0.9	ENE	16/03/2015	05:55	0.9	NNE
15/03/2015	14:50	2.2	ENE	15/03/2015	22:25	0.9	NE	16/03/2015	06:00	0.4	NE
15/03/2015	14:55	3.1	E	15/03/2015	22:30	1.8	NE	16/03/2015	06:05	0.4	WNW
15/03/2015	15:00	1.8	ENE	15/03/2015	22:35	1.8	ENE	16/03/2015	06:10	0.4	WSW
15/03/2015	15:05	0.9	NE	15/03/2015	22:40	2.2	ENE	16/03/2015	06:15	0.9	NW
15/03/2015	15:10	0.9	NE	15/03/2015	22:45	2.7	NE	16/03/2015	06:20	0.9	NNW
15/03/2015	15:15	1.8	NE	15/03/2015	22:50	2.7	E	16/03/2015	06:25	0.4	NNW
15/03/2015	15:20	1.8	E	15/03/2015	22:55	1.8	E	16/03/2015	06:30	0.9	N
15/03/2015	15:25	1.3	N	15/03/2015	23:00	2.2	E	16/03/2015	06:35	0.9	N
15/03/2015	15:30	1.3	NW	15/03/2015	23:05	0.9	ESE	16/03/2015	06:40	0.4	SSE
15/03/2015	15:35	1.3	ENE	15/03/2015	23:10	0.9	ESE	16/03/2015	06:45	1.3	SW
15/03/2015	15:40	0.9	NNE	15/03/2015	23:15	0.9	WSW	16/03/2015	06:50	1.3	WSW
15/03/2015	15:45	0.9	NE	15/03/2015	23:20	0.4	WSW	16/03/2015	06:55	1.3	W
15/03/2015	15:50	1.3	NNE	15/03/2015	23:25	0.4	WSW	16/03/2015	07:00	1.8	WNW
15/03/2015	15:55	0.9	NE	15/03/2015	23:30	0.4	WSW	16/03/2015	07:05	1.3	WNW
15/03/2015	16:00	1.3	WNW	15/03/2015	23:35	0.4	WSW	16/03/2015	07:10	2.2	WNW
15/03/2015	16:05	1.8	ENE	15/03/2015	23:40	0.4	WSW	16/03/2015	07:15	2.2	WNW
15/03/2015	16:10	1.3	ENE	15/03/2015	23:45	0.4	WSW	16/03/2015	07:20	2.2	WNW
15/03/2015	16:15	1.3	N	15/03/2015	23:50	0.4	WSW	16/03/2015	07:25	0.9	NNW
15/03/2015	16:20	2.7	ENE	15/03/2015	23:55	0.4	WSW	16/03/2015	07:30	0.9	E
15/03/2015	16:25	2.2	ENE	16/03/2015	00:00	0.4	WNW	16/03/2015	07:35	1.8	E
15/03/2015	16:30	3.1	ESE	16/03/2015	00:05	0.4	WNW	16/03/2015	07:40	0.4	ENE
15/03/2015	16:35	3.1	ENE	16/03/2015	00:10	0.4	WSW	16/03/2015	07:45	1.3	NE
15/03/2015	16:40	3.1	E	16/03/2015	00:15	0.4	WNW	16/03/2015	07:50	0.9	NE
15/03/2015	16:45	1.8	E	16/03/2015	00:20	0.4	WNW	16/03/2015	07:55	1.8	NNE
15/03/2015	16:50	1.8	ENE	16/03/2015	00:25	0.4	WNW	16/03/2015	08:00	1.3	NW
15/03/2015	16:55	0.9	ENE	16/03/2015	00:30	0.4	WSW	16/03/2015	08:05	1.3	NNW
15/03/2015	17:00	2.2	ENE	16/03/2015	00:35	0.4	WNW	16/03/2015	08:10	1.8	ENE
15/03/2015	17:05	2.2	ENE	16/03/2015	00:40	0.4	WNW	16/03/2015	08:15	1.3	ENE
15/03/2015	17:10	0.9	ENE	16/03/2015	00:45	0.9	WSW	16/03/2015	08:20	2.2	NE
15/03/2015	17:15	2.7	ENE	16/03/2015	00:50	0.9	WNW	16/03/2015	08:25	1.8	NNE
15/03/2015	17:20	2.7	E	16/03/2015	00:55	0.4	WNW	16/03/2015	08:30	1.8	ENE
15/03/2015	17:25	3.6	E	16/03/2015	01:00	0.4	WNW	16/03/2015	08:35	1.8	E
15/03/2015	17:30	2.7	E	16/03/2015	01:05	0.4	NW	16/03/2015	08:40	1.3	ENE
15/03/2015	17:35	3.1	ENE	16/03/2015	01:10	0.4	NE	16/03/2015	08:45	0.9	NE
15/03/2015	17:40	3.6	ENE	16/03/2015	01:15	0.4	ESE	16/03/2015	08:50	1.3	NNW
15/03/2015	17:45	2.7	E	16/03/2015	01:20	0.4	ESE	16/03/2015	08:55	1.3	ENE
15/03/2015	17:50	3.1	ENE	16/03/2015	01:25	0.4	ESE	16/03/2015	09:00	1.3	NE
15/03/2015	17:55	2.7	ENE	16/03/2015	01:30	0.4	NW	16/03/2015	09:05	1.8	ESE
15/03/2015	18:00	2.2	ENE	16/03/2015	01:35	0.4	SW	16/03/2015	09:10	1.3	NW
15/03/2015	18:05	1.3	NNE	16/03/2015	01:40	0.4	ESE	16/03/2015	09:15	1.8	WNW
15/03/2015	18:10	2.2	E	16/03/2015	01:45	0.4	ESE	16/03/2015	09:20	1.8	NNE
15/03/2015	18:15	3.6	E	16/03/2015	01:50	0.9	W	16/03/2015	09:25	1.3	ENE
15/03/2015	18:20	2.7	ENE	16/03/2015	01:55	1.3	W	16/03/2015	09:30	1.8	NNW
15/03/2015	18:25	1.8	E	16/03/2015	02:00	3.1	NE	16/03/2015	09:35	1.8	NE
15/03/2015	18:30	1.3	E	16/03/2015	02:05	2.2	ENE	16/03/2015	09:40	2.2	E
15/03/2015	18:35	3.1	E	16/03/2015	02:10	1.8	ENE	16/03/2015	09:45	1.8	NNE
15/03/2015	18:40	3.6	E	16/03/2015	02:15	0.4	N	16/03/2015	09:50	1.8	ENE
15/03/2015	18:45	2.7	E	16/03/2015	02:20	0.4	N	16/03/2015	09:55	1.8	NE
15/03/2015	18:50	1.8	ENE	16/03/2015	02:25	1.3	SW	16/03/2015	10:00	1.8	NE
15/03/2015	18:55	3.6	ENE	16/03/2015	02:30	1.3	WSW	16/03/2015	10:05	1.8	ENE
15/03/2015	19:00	3.6	E	16/03/2015	02:35	0.4	WSW	16/03/2015	10:10	2.2	ENE
15/03/2015	19:05	2.2	ENE	16/03/2015	02:40	0.4	WSW	16/03/2015	10:15	1.3	ENE
15/03/2015	19:10	1.8	E	16/03/2015	02:45	0.4	SW	16/03/2015	10:20	1.3	NNE
15/03/2015	19:15	2.7	E	16/03/2015	02:50	0.4	W	16/03/2015	10:25	1.3	NE
15/03/2015	19:20	3.6	E	16/03/2015	02:55	0.4	WNW	16/03/2015	10:30	1.8	E
15/03/2015	19:25	4.5	ENE	16/03/2015	03:00	0.4	WNW	16/03/2015	10:35	2.2	ENE
15/03/2015	19:30	2.7	E	16/03/2015	03:05	1.3	WSW	16/03/2015	10:40	1.8	NW
15/03/2015	19:35	2.7	ENE	16/03/2015	03:10	1.3	W	16/03/2015	10:45	0.9	NW
15/03/2015	19:40	1.3	E	16/03/2015	03:15	1.3	W	16/03/2015	10:50	0.9	NE
15/03/2015	19:45	2.7	ENE	16/03/2015	03:20	1.3	W	16/03/2015	10:55	1.8	NE
15/03/2015	19:50	3.6	E	16/03/2015	03:25	0.4	WSW	16/03/2015	11:00	1.8	NNE
15/03/2015	19:55	4	E	16/03/2015	03:30	0.4	WSW	16/03/2015	11:05	1.8	NE
15/03/2015	20:00	3.6	ENE	16/03/2015	03:35	0.4	WSW	16/03/2015	11:10	1.3	ENE

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

Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction
16/03/2015	11:15	2.7	WSW
16/03/2015	11:20	3.1	W
16/03/2015	11:25	3.1	W
16/03/2015	11:30	2.2	W
16/03/2015	11:35	1.3	NE
16/03/2015	11:40	2.7	WSW
16/03/2015	11:45	2.2	ENE
16/03/2015	11:50	1.8	E
16/03/2015	11:55	1.3	E
16/03/2015	12:00	1.3	ENE
16/03/2015	12:05	1.8	NE
16/03/2015	12:10	1.3	ENE
16/03/2015	12:15	1.3	E
16/03/2015	12:20	1.3	NNE
16/03/2015	12:25	2.2	E
16/03/2015	12:30	2.7	ENE
16/03/2015	12:35	2.2	ENE
16/03/2015	12:40	2.2	E
16/03/2015	12:45	1.3	NW
16/03/2015	12:50	0.9	W
16/03/2015	12:55	2.7	E
16/03/2015	13:00	2.2	ENE
16/03/2015	13:05	1.3	NW
16/03/2015	13:10	0.9	ESE
16/03/2015	13:15	0.4	NE
16/03/2015	13:20	1.3	N
16/03/2015	13:25	0.9	N
16/03/2015	13:30	1.3	NNE
16/03/2015	13:35	1.3	NNE
16/03/2015	13:40	1.8	N
16/03/2015	13:45	2.2	NNW
16/03/2015	13:50	1.3	NNW
16/03/2015	13:55	1.8	NNW
16/03/2015	14:00	1.3	N
16/03/2015	14:05	1.8	ENE
16/03/2015	14:10	1.3	NE
16/03/2015	14:15	0.9	NNE
16/03/2015	14:20	1.3	N
16/03/2015	14:25	1.3	NNW
16/03/2015	14:30	1.8	W
16/03/2015	14:35	1.8	WSW
16/03/2015	14:40	1.3	SE
16/03/2015	14:45	2.2	E
16/03/2015	14:50	1.3	ENE
16/03/2015	14:55	1.8	E
16/03/2015	15:00	1.3	E
16/03/2015	15:05	2.7	E
16/03/2015	15:10	0.9	ENE
16/03/2015	15:15	0.4	ESE
16/03/2015	15:20	1.3	ESE
16/03/2015	15:25	1.8	E
16/03/2015	15:30	1.8	E
16/03/2015	15:35	1.8	ESE
16/03/2015	15:40	1.3	ENE
16/03/2015	15:45	0.9	E
16/03/2015	15:50	1.3	ESE
16/03/2015	15:55	1.8	NE
16/03/2015	16:00	1.3	N
16/03/2015	16:05	1.8	NE
16/03/2015	16:10	1.8	SSE
16/03/2015	16:15	2.7	ENE
16/03/2015	16:20	1.8	NNE
16/03/2015	16:25	1.8	N
16/03/2015	16:30	2.2	ENE
16/03/2015	16:35	2.7	ENE
16/03/2015	16:40	1.8	NE
16/03/2015	16:45	1.8	ENE
16/03/2015	16:50	1.8	NE
16/03/2015	16:55	2.2	NNE
16/03/2015	17:00	1.8	NNW
16/03/2015	17:05	1.3	WNW
16/03/2015	17:10	0.9	NE
16/03/2015	17:15	0.9	E
16/03/2015	17:20	1.8	N
16/03/2015	17:25	1.3	E
16/03/2015	17:30	1.3	E
16/03/2015	17:35	1.3	N
16/03/2015	17:40	0.9	NNW
16/03/2015	17:45	1.3	ENE
16/03/2015	17:50	1.3	NE
16/03/2015	17:55	1.3	NE
16/03/2015	18:00	0.9	ENE
16/03/2015	18:05	0.9	NNW
16/03/2015	18:10	0.9	ENE
16/03/2015	18:15	0.9	ESE
16/03/2015	18:20	1.8	E
16/03/2015	18:25	0.9	ESE
16/03/2015	18:30	1.3	E
16/03/2015	18:35	0.4	ENE
16/03/2015	18:40	1.3	E
16/03/2015	18:45	0.9	ESE
16/03/2015	18:50	1.3	NE
16/03/2015	18:55	0.9	ENE
16/03/2015	19:00	1.8	ESE
16/03/2015	19:05	1.3	ENE
16/03/2015	19:10	1.3	NE
16/03/2015	19:15	1.8	E
16/03/2015	19:20	2.2	E
16/03/2015	19:25	0.4	ENE
16/03/2015	19:30	3.1	ENE
16/03/2015	19:35	3.1	E
16/03/2015	19:40	3.6	E
16/03/2015	19:45	3.6	E
16/03/2015	19:50	3.1	ENE
16/03/2015	19:55	4	ENE
16/03/2015	20:00	3.6	E
16/03/2015	20:05	2.7	E
16/03/2015	20:10	3.6	E
16/03/2015	20:15	3.1	ENE
16/03/2015	20:20	3.6	ENE
16/03/2015	20:25	3.1	ENE
16/03/2015	20:30	4.5	ENE
16/03/2015	20:35	3.1	ENE
16/03/2015	20:40	2.7	E
16/03/2015	20:45	3.6	E
16/03/2015	20:50	4	ENE
16/03/2015	20:55	3.6	ENE
16/03/2015	21:00	3.6	ENE
16/03/2015	21:05	3.1	ENE
16/03/2015	21:10	4	E
16/03/2015	21:15	1.3	SE
16/03/2015	21:20	2.2	ENE
16/03/2015	21:25	1.8	E
16/03/2015	21:30	3.1	ENE
16/03/2015	21:35	3.1	ENE
16/03/2015	21:40	3.6	E
16/03/2015	21:45	4.5	ENE
16/03/2015	21:50	4	ENE
16/03/2015	21:55	4	E
16/03/2015	22:00	4	E
16/03/2015	22:05	3.6	ENE
16/03/2015	22:10	3.1	ENE
16/03/2015	22:15	3.1	ENE
16/03/2015	22:20	2.7	E
16/03/2015	22:25	3.6	ENE
16/03/2015	22:30	4	E
16/03/2015	22:35	3.6	ENE
16/03/2015	22:40	3.1	ENE
16/03/2015	22:45	3.1	ENE
16/03/2015	22:50	2.2	E
16/03/2015	22:55	4	ENE
16/03/2015	23:00	4	ENE
16/03/2015	23:05	3.1	ENE
16/03/2015	23:10	3.1	ENE
16/03/2015	23:15	3.1	NE
16/03/2015	23:20	2.7	ENE
16/03/2015	23:25	2.7	NE
16/03/2015	23:30	3.6	ENE
16/03/2015	23:35	3.1	E
16/03/2015	23:40	2.7	ENE
16/03/2015	23:45	3.1	ENE
16/03/2015	23:50	3.6	ENE
16/03/2015	23:55	4.5	ENE
17/03/2015	00:00	3.6	ENE
17/03/2015	00:05	4.5	ENE
17/03/2015	00:10	3.1	E
17/03/2015	00:15	3.6	E
17/03/2015	00:20	3.1	ENE
17/03/2015	00:25	3.6	E
17/03/2015	00:30	2.7	ENE
17/03/2015	00:35	3.1	ENE
17/03/2015	00:40	2.7	ENE
17/03/2015	00:45	3.1	E
17/03/2015	00:50	3.1	ENE
17/03/2015	00:55	2.7	ENE
17/03/2015	01:00	4.5	ENE
17/03/2015	01:05	4	E
17/03/2015	01:10	3.6	ENE
17/03/2015	01:15	2.7	ENE
17/03/2015	01:20	3.1	ENE
17/03/2015	01:25	4	E
17/03/2015	01:30	4	E
17/03/2015	01:35	3.6	ENE
17/03/2015	01:40	3.1	E
17/03/2015	01:45	4	ENE
17/03/2015	01:50	3.1	ENE
17/03/2015	01:55	2.7	E
17/03/2015	02:00	2.2	ENE
17/03/2015	02:05	4	ENE
17/03/2015	02:10	4.5	ENE
17/03/2015	02:15	4	ENE
17/03/2015	02:20	3.6	ENE
17/03/2015	02:25	4.5	ENE
17/03/2015	02:30	3.6	ENE
17/03/2015	02:35	4.5	ENE
17/03/2015	02:40	3.1	ENE
17/03/2015	02:45	4	ENE
17/03/2015	02:50	2.7	ENE
17/03/2015	02:55	4	ENE
17/03/2015	03:00	4.5	ENE
17/03/2015	03:05	4.5	ENE
17/03/2015	03:10	4	E
17/03/2015	03:15	4	ENE
17/03/2015	03:20	5.4	ENE
17/03/2015	03:25	4.5	ENE
17/03/2015	03:30	4	ENE
17/03/2015	03:35	4.9	E
17/03/2015	03:40	4	ENE
17/03/2015	03:45	4	E
17/03/2015	03:50	3.1	ENE
17/03/2015	03:55	3.1	ENE
17/03/2015	04:00	2.2	ENE
17/03/2015	04:05	3.6	ENE
17/03/2015	04:10	2.7	E
17/03/2015	04:15	4	ENE
17/03/2015	04:20	4	ENE
17/03/2015	04:25	4.5	ENE
17/03/2015	04:30	3.1	ENE
17/03/2015	04:35	3.6	ENE
17/03/2015	04:40	4	ENE
17/03/2015	04:45	4	ENE
17/03/2015	04:50	4	ENE
17/03/2015	04:55	3.6	ENE
17/03/2015	05:00	3.1	ENE
17/03/2015	05:05	3.6	ENE
17/03/2015	05:10	3.6	ENE
17/03/2015	05:15	4	ENE
17/03/2015	05:20	4	ENE
17/03/2015	05:25	3.6	ENE
17/03/2015	05:30	3.6	ENE
17/03/2015	05:35	2.7	ENE
17/03/2015	05:40	3.6	ENE
17/03/2015	05:45	4.5	ENE
17/03/2015	05:50	3.6	ENE
17/03/2015	05:55	4	NE
17/03/2015	06:00	3.6	ENE
17/03/2015	06:05	4.9	ENE
17/03/2015	06:10	4	ENE
17/03/2015	06:15	5.4	ENE
17/03/2015	06:20	4	ENE
17/03/2015	06:25	3.1	ENE
17/03/2015	06:30	4	ENE
17/03/2015	06:35	3.6	E
17/03/2015	06:40	4.9	E
17/03/2015	06:45	4.5	ENE
17/03/2015	06:50	4.5	ENE
17/03/2015	06:55	4.5	ENE
17/03/2015	07:00	4	ENE
17/03/2015	07:05	4.5	ENE
17/03/2015	07:10	4.5	E
17/03/2015	07:15	4.9	E
17/03/2015	07:20	3.1	ENE
17/03/2015	07:25	4	ENE
17/03/2015	07:30	3.6	ENE
17/03/2015	07:35	4.5	ENE
17/03/2015	07:40	4.5	ENE
17/03/2015	07:45	4.9	E
17/03/2015	07:50	3.6	ENE
17/03/2015	07:55	4.5	ENE
17/03/2015	08:00	4.5	ENE
17/03/2015	08:05	4	ENE
17/03/2015	08:10	4.5	ENE
17/03/2015	08:15	4.9	E
17/03/2015	08:20	4.9	E
17/03/2015	08:25	4.9	E
17/03/2015	08:30	5.4	E
17/03/2015	08:35	5.8	E
17/03/2015	08:40	5.8	E
17/03/2015	08:45	5.4	E
17/03/2015	08:50	5.8	ENE
17/03/2015	08:55	5.4	E
17/03/2015	09:00	5.8	ENE
17/03/2015	09:05	5.4	ENE
17/03/2015	09:10	4.5	ENE
17/03/2015	09:15	5.4	ENE
17/03/2015	09:20	5.4	ENE
17/03/2015	09:25	5.4	ENE
17/03/2015	09:30	5.4	ENE
17/03/2015	09:35	5.8	NE
17/03/2015	09:40	5.4	NE
17/03/2015	09:45	5.4	NE
17/03/2015	09:50	5.4	NE
17/03/2015	09:55	5.8	NE

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

Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction
17/03/2015	10:00	6.3	NE	17/03/2015	17:35	2.2	NE	18/03/2015	01:10	0.4	NE
17/03/2015	10:05	5.8	NE	17/03/2015	17:40	3.6	NE	18/03/2015	01:15	1.3	E
17/03/2015	10:10	5.4	NE	17/03/2015	17:45	2.7	NE	18/03/2015	01:20	0.9	NE
17/03/2015	10:15	5.4	NE	17/03/2015	17:50	1.3	N	18/03/2015	01:25	1.3	E
17/03/2015	10:20	4.9	NE	17/03/2015	17:55	2.2	NE	18/03/2015	01:30	1.3	SE
17/03/2015	10:25	5.4	NE	17/03/2015	18:00	1.8	NE	18/03/2015	01:35	0.4	ENE
17/03/2015	10:30	5.8	NE	17/03/2015	18:05	1.8	ENE	18/03/2015	01:40	0.9	ENE
17/03/2015	10:35	5.8	NE	17/03/2015	18:10	1.3	ENE	18/03/2015	01:45	0.9	ENE
17/03/2015	10:40	5.4	NE	17/03/2015	18:15	1.3	N	18/03/2015	01:50	0.9	NNE
17/03/2015	10:45	6.3	NE	17/03/2015	18:20	0.4	N	18/03/2015	01:55	0.9	NNE
17/03/2015	10:50	5.8	NE	17/03/2015	18:25	1.8	W	18/03/2015	02:00	0.9	ENE
17/03/2015	10:55	5.4	NE	17/03/2015	18:30	1.8	ENE	18/03/2015	02:05	0.9	E
17/03/2015	11:00	5.4	NE	17/03/2015	18:35	0.9	N	18/03/2015	02:10	0.9	NNE
17/03/2015	11:05	5.4	NE	17/03/2015	18:40	0.9	NNE	18/03/2015	02:15	0.9	NNE
17/03/2015	11:10	5.4	NE	17/03/2015	18:45	1.8	ENE	18/03/2015	02:20	0.9	NNE
17/03/2015	11:15	5.4	NE	17/03/2015	18:50	0.9	ESE	18/03/2015	02:25	0.4	NE
17/03/2015	11:20	5.8	NE	17/03/2015	18:55	2.2	ENE	18/03/2015	02:30	0.4	NE
17/03/2015	11:25	4.9	NE	17/03/2015	19:00	3.1	E	18/03/2015	02:35	0.4	ESE
17/03/2015	11:30	4.9	NE	17/03/2015	19:05	2.2	NE	18/03/2015	02:40	0.4	ESE
17/03/2015	11:35	5.4	NE	17/03/2015	19:10	0.9	E	18/03/2015	02:45	0.4	ESE
17/03/2015	11:40	4.5	ENE	17/03/2015	19:15	0.9	ESE	18/03/2015	02:50	1.3	ESE
17/03/2015	11:45	4.9	NE	17/03/2015	19:20	1.3	ENE	18/03/2015	02:55	0.9	ENE
17/03/2015	11:50	4.9	ENE	17/03/2015	19:25	1.3	WSW	18/03/2015	03:00	0.9	NE
17/03/2015	11:55	5.8	NE	17/03/2015	19:30	0.9	SSW	18/03/2015	03:05	0.9	NE
17/03/2015	12:00	4.9	NE	17/03/2015	19:35	1.3	NE	18/03/2015	03:10	0.4	NNW
17/03/2015	12:05	4.9	ENE	17/03/2015	19:40	0.9	NE	18/03/2015	03:15	1.3	ENE
17/03/2015	12:10	4.9	ENE	17/03/2015	19:45	0.9	NE	18/03/2015	03:20	1.3	ENE
17/03/2015	12:15	4.9	NE	17/03/2015	19:50	0.4	ENE	18/03/2015	03:25	1.3	ENE
17/03/2015	12:20	4.9	NE	17/03/2015	19:55	0.4	S	18/03/2015	03:30	1.8	E
17/03/2015	12:25	5.4	NE	17/03/2015	20:00	0.4	S	18/03/2015	03:35	2.7	E
17/03/2015	12:30	4.9	ENE	17/03/2015	20:05	0.4	NNE	18/03/2015	03:40	1.8	ENE
17/03/2015	12:35	5.4	ENE	17/03/2015	20:10	0.4	N	18/03/2015	03:45	1.3	ESE
17/03/2015	12:40	5.4	NE	17/03/2015	20:15	1.3	N	18/03/2015	03:50	2.2	ENE
17/03/2015	12:45	4.9	NE	17/03/2015	20:20	0.9	SW	18/03/2015	03:55	1.3	E
17/03/2015	12:50	5.4	ENE	17/03/2015	20:25	0.9	SSE	18/03/2015	04:00	1.3	ENE
17/03/2015	12:55	4.5	NE	17/03/2015	20:30	0.4	NNW	18/03/2015	04:05	0.4	ENE
17/03/2015	13:00	5.8	ENE	17/03/2015	20:35	0.9	NNE	18/03/2015	04:10	0.4	E
17/03/2015	13:05	4.9	ENE	17/03/2015	20:40	0.4	NNE	18/03/2015	04:15	1.3	ENE
17/03/2015	13:10	4.5	ENE	17/03/2015	20:45	0.9	NNE	18/03/2015	04:20	2.2	E
17/03/2015	13:15	4.5	NE	17/03/2015	20:50	1.3	E	18/03/2015	04:25	2.2	ENE
17/03/2015	13:20	4.9	NE	17/03/2015	20:55	0.4	N	18/03/2015	04:30	2.2	ENE
17/03/2015	13:25	4.9	ENE	17/03/2015	21:00	1.3	ENE	18/03/2015	04:35	1.3	ENE
17/03/2015	13:30	4	NE	17/03/2015	21:05	0.4	SSE	18/03/2015	04:40	0.9	E
17/03/2015	13:35	2.7	E	17/03/2015	21:10	1.3	NNW	18/03/2015	04:45	2.7	ENE
17/03/2015	13:40	2.7	NE	17/03/2015	21:15	1.3	N	18/03/2015	04:50	1.3	ENE
17/03/2015	13:45	3.6	ENE	17/03/2015	21:20	3.1	NE	18/03/2015	04:55	1.8	E
17/03/2015	13:50	2.7	NE	17/03/2015	21:25	1.8	E	18/03/2015	05:00	0.4	ENE
17/03/2015	13:55	2.7	NE	17/03/2015	21:30	1.3	NE	18/03/2015	05:05	1.3	NE
17/03/2015	14:00	2.7	NNE	17/03/2015	21:35	0.9	E	18/03/2015	05:10	0.9	E
17/03/2015	14:05	3.1	NE	17/03/2015	21:40	2.2	NE	18/03/2015	05:15	1.3	ENE
17/03/2015	14:10	1.8	NW	17/03/2015	21:45	2.7	E	18/03/2015	05:20	2.2	E
17/03/2015	14:15	2.7	NW	17/03/2015	21:50	1.3	E	18/03/2015	05:25	2.7	E
17/03/2015	14:20	3.1	W	17/03/2015	21:55	0.9	E	18/03/2015	05:30	2.2	ENE
17/03/2015	14:25	2.2	NE	17/03/2015	22:00	1.3	NE	18/03/2015	05:35	0.9	E
17/03/2015	14:30	3.1	NNE	17/03/2015	22:05	0.4	SSW	18/03/2015	05:40	0.4	E
17/03/2015	14:35	1.8	SSW	17/03/2015	22:10	0.4	N	18/03/2015	05:45	1.3	E
17/03/2015	14:40	2.7	NW	17/03/2015	22:15	1.3	E	18/03/2015	05:50	1.3	E
17/03/2015	14:45	3.6	NNE	17/03/2015	22:20	1.3	ENE	18/03/2015	05:55	1.3	E
17/03/2015	14:50	4	WNW	17/03/2015	22:25	1.3	ENE	18/03/2015	06:00	0.4	ESE
17/03/2015	14:55	2.2	NNE	17/03/2015	22:30	0.4	E	18/03/2015	06:05	0.4	ESE
17/03/2015	15:00	4	NNE	17/03/2015	22:35	0.4	N	18/03/2015	06:10	2.2	E
17/03/2015	15:05	4.9	W	17/03/2015	22:40	0.9	NNE	18/03/2015	06:15	2.2	E
17/03/2015	15:10	2.7	WNW	17/03/2015	22:45	0.9	ENE	18/03/2015	06:20	0.4	ENE
17/03/2015	15:15	2.2	ENE	17/03/2015	22:50	0.9	ENE	18/03/2015	06:25	0.4	ENE
17/03/2015	15:20	4	NW	17/03/2015	22:55	1.3	E	18/03/2015	06:30	1.8	NE
17/03/2015	15:25	4	ENE	17/03/2015	23:00	1.3	E	18/03/2015	06:35	3.1	E
17/03/2015	15:30	4.5	W	17/03/2015	23:05	0.4	SSW	18/03/2015	06:40	3.1	E
17/03/2015	15:35	4.9	NNE	17/03/2015	23:10	1.3	ENE	18/03/2015	06:45	2.2	E
17/03/2015	15:40	4.5	NE	17/03/2015	23:15	0.9	ENE	18/03/2015	06:50	1.8	E
17/03/2015	15:45	4.5	NW	17/03/2015	23:20	0.9	E	18/03/2015	06:55	4	ENE
17/03/2015	15:50	1.8	W	17/03/2015	23:25	1.8	E	18/03/2015	07:00	3.6	ENE
17/03/2015	15:55	4	E	17/03/2015	23:30	1.8	N	18/03/2015	07:05	4.5	E
17/03/2015	16:00	3.1	NNE	17/03/2015	23:35	0.9	ENE	18/03/2015	07:10	3.1	E
17/03/2015	16:05	4.5	WSW	17/03/2015	23:40	0.4	ENE	18/03/2015	07:15	4.9	ENE
17/03/2015	16:10	2.7	NE	17/03/2015	23:45	0.9	E	18/03/2015	07:20	5.4	ENE
17/03/2015	16:15	3.6	NNE	17/03/2015	23:50	1.3	E	18/03/2015	07:25	4.9	ENE
17/03/2015	16:20	4	NE	17/03/2015	23:55	0.4	E	18/03/2015	07:30	4.9	E
17/03/2015	16:25	3.6	NNE	18/03/2015	00:00	0.4	E	18/03/2015	07:35	5.4	ENE
17/03/2015	16:30	4	NE	18/03/2015	00:05	0.4	S	18/03/2015	07:40	5.4	ENE
17/03/2015	16:35	3.1	E	18/03/2015	00:10	0.4	WSW	18/03/2015	07:45	6.3	ENE
17/03/2015	16:40	3.1	NE	18/03/2015	00:15	0.4	NE	18/03/2015	07:50	6.7	ENE
17/03/2015	16:45	3.6	ENE	18/03/2015	00:20	0.9	ENE	18/03/2015	07:55	6.3	ENE
17/03/2015	16:50	3.6	ENE	18/03/2015	00:25	1.3	E	18/03/2015	08:00	6.3	ENE
17/03/2015	16:55	1.8	E	18/03/2015	00:30	1.3	E	18/03/2015	08:05	7.2	ENE
17/03/2015	17:00	1.8	ENE	18/03/2015	00:35	1.3	E	18/03/2015	08:10	6.3	ENE
17/03/2015	17:05	2.7	NE	18/03/2015	00:40	1.3	E	18/03/2015	08:15	5.8	ENE
17/03/2015	17:10	2.7	E	18/03/2015	00:45	1.3	E	18/03/2015	08:20	5.8	ENE
17/03/2015	17:15	3.1	E	18/03/2015	00:50	0.4	NE	18/03/2015	08:25	5.4	E
17/03/2015	17:20	4	ENE	18/03/2015	00:55	0.4	NE	18/03/2015	08:30	4.9	ENE
17/03/2015	17:25	2.7	NE	18/03/2015	01:00	0.4	ESE	18/03/2015	08:35	5.4	ENE
17/03/2015	17:30	2.7	NE	18/03/2015	01:05	0.9	ENE	18/03/2015	08:40	4	ENE

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

Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction
18/03/2015	08:45	4.9	ENE	18/03/2015	16:20	0.9	N	18/03/2015	23:55	1.3	W
18/03/2015	08:50	5.8	E	18/03/2015	16:25	2.2	N	19/03/2015	00:00	1.8	NE
18/03/2015	08:55	6.3	ENE	18/03/2015	16:30	1.8	NW	19/03/2015	00:05	0.9	WNW
18/03/2015	09:00	5.8	ENE	18/03/2015	16:35	0.9	WNW	19/03/2015	00:10	1.8	E
18/03/2015	09:05	4.5	E	18/03/2015	16:40	2.7	W	19/03/2015	00:15	1.3	N
18/03/2015	09:10	4.9	E	18/03/2015	16:45	1.8	WNW	19/03/2015	00:20	0.9	WNW
18/03/2015	09:15	5.4	ENE	18/03/2015	16:50	1.8	WNW	19/03/2015	00:25	2.2	W
18/03/2015	09:20	4.9	ENE	18/03/2015	16:55	2.2	W	19/03/2015	00:30	1.3	W
18/03/2015	09:25	4.5	E	18/03/2015	17:00	1.8	NW	19/03/2015	00:35	1.3	NW
18/03/2015	09:30	4.5	ENE	18/03/2015	17:05	1.8	NNW	19/03/2015	00:40	0.4	ENE
18/03/2015	09:35	3.6	E	18/03/2015	17:10	2.2	NNW	19/03/2015	00:45	1.3	W
18/03/2015	09:40	5.8	ENE	18/03/2015	17:15	2.2	N	19/03/2015	00:50	1.3	W
18/03/2015	09:45	5.8	E	18/03/2015	17:20	2.2	W	19/03/2015	00:55	1.8	W
18/03/2015	09:50	6.7	ENE	18/03/2015	17:25	1.3	WNW	19/03/2015	01:00	1.8	W
18/03/2015	09:55	6.3	E	18/03/2015	17:30	2.2	WNW	19/03/2015	01:05	0.9	WNW
18/03/2015	10:00	7.2	ENE	18/03/2015	17:35	3.6	W	19/03/2015	01:10	0.9	WNW
18/03/2015	10:05	6.3	ENE	18/03/2015	17:40	3.1	WNW	19/03/2015	01:15	0.4	NE
18/03/2015	10:10	6.7	ENE	18/03/2015	17:45	1.3	N	19/03/2015	01:20	0.9	WNW
18/03/2015	10:15	6.3	ENE	18/03/2015	17:50	1.8	NE	19/03/2015	01:25	0.9	WNW
18/03/2015	10:20	5.8	ENE	18/03/2015	17:55	2.2	ENE	19/03/2015	01:30	0.4	NE
18/03/2015	10:25	6.3	ENE	18/03/2015	18:00	1.3	WSW	19/03/2015	01:35	0.4	NE
18/03/2015	10:30	5.4	ENE	18/03/2015	18:05	0.9	WNW	19/03/2015	01:40	0.4	NE
18/03/2015	10:35	4.5	ENE	18/03/2015	18:10	0.9	WNW	19/03/2015	01:45	0.9	E
18/03/2015	10:40	4.5	E	18/03/2015	18:15	2.2	WNW	19/03/2015	01:50	0.9	NE
18/03/2015	10:45	3.6	ENE	18/03/2015	18:20	2.2	N	19/03/2015	01:55	0.9	E
18/03/2015	10:50	4.5	ENE	18/03/2015	18:25	1.3	N	19/03/2015	02:00	0.9	E
18/03/2015	10:55	5.4	E	18/03/2015	18:30	0.9	WNW	19/03/2015	02:05	0.9	WNW
18/03/2015	11:00	4.9	E	18/03/2015	18:35	0.9	NW	19/03/2015	02:10	0.9	NW
18/03/2015	11:05	4	E	18/03/2015	18:40	0.9	NNW	19/03/2015	02:15	0.4	NW
18/03/2015	11:10	5.8	ENE	18/03/2015	18:45	1.3	NNE	19/03/2015	02:20	0.4	NW
18/03/2015	11:15	5.4	ENE	18/03/2015	18:50	2.2	W	19/03/2015	02:25	0.4	N
18/03/2015	11:20	4.5	ENE	18/03/2015	18:55	1.3	W	19/03/2015	02:30	0.4	NNW
18/03/2015	11:25	4.9	ENE	18/03/2015	19:00	1.3	NNW	19/03/2015	02:35	0.4	NW
18/03/2015	11:30	5.8	ENE	18/03/2015	19:05	1.8	ENE	19/03/2015	02:40	0.4	WNW
18/03/2015	11:35	4.9	E	18/03/2015	19:10	0.9	W	19/03/2015	02:45	1.3	W
18/03/2015	11:40	4.9	ENE	18/03/2015	19:15	2.7	WSW	19/03/2015	02:50	0.4	NW
18/03/2015	11:45	4.5	ENE	18/03/2015	19:20	2.2	W	19/03/2015	02:55	0.4	WNW
18/03/2015	11:50	4	E	18/03/2015	19:25	1.8	WSW	19/03/2015	03:00	0.4	NNE
18/03/2015	11:55	2.7	E	18/03/2015	19:30	0.9	NNW	19/03/2015	03:05	0.4	S
18/03/2015	12:00	2.2	NE	18/03/2015	19:35	1.8	W	19/03/2015	03:10	0.4	S
18/03/2015	12:05	3.6	E	18/03/2015	19:40	2.7	W	19/03/2015	03:15	0.4	W
18/03/2015	12:10	2.7	NE	18/03/2015	19:45	1.3	NW	19/03/2015	03:20	0.4	NW
18/03/2015	12:15	3.1	ENE	18/03/2015	19:50	1.8	N	19/03/2015	03:25	0.4	NE
18/03/2015	12:20	3.6	E	18/03/2015	19:55	1.8	SW	19/03/2015	03:30	0.4	NW
18/03/2015	12:25	3.6	NE	18/03/2015	20:00	1.8	NW	19/03/2015	03:35	0.4	NW
18/03/2015	12:30	4	NE	18/03/2015	20:05	1.3	NNE	19/03/2015	03:40	0.4	N
18/03/2015	12:35	4	ENE	18/03/2015	20:10	2.2	WNW	19/03/2015	03:45	0.4	NNE
18/03/2015	12:40	4	ENE	18/03/2015	20:15	3.6	W	19/03/2015	03:50	0.9	NE
18/03/2015	12:45	4.5	ENE	18/03/2015	20:20	0.9	N	19/03/2015	03:55	0.4	W
18/03/2015	12:50	4	ENE	18/03/2015	20:25	1.8	N	19/03/2015	04:00	0.4	NNW
18/03/2015	12:55	2.2	E	18/03/2015	20:30	1.3	NNW	19/03/2015	04:05	0.4	E
18/03/2015	13:00	4	ENE	18/03/2015	20:35	2.7	WNW	19/03/2015	04:10	0.9	WSW
18/03/2015	13:05	2.2	ENE	18/03/2015	20:40	1.8	WNW	19/03/2015	04:15	0.4	NW
18/03/2015	13:10	2.2	NE	18/03/2015	20:45	1.3	NW	19/03/2015	04:20	0.9	W
18/03/2015	13:15	1.8	ENE	18/03/2015	20:50	1.3	NNW	19/03/2015	04:25	0.4	WNW
18/03/2015	13:20	2.2	WNW	18/03/2015	20:55	1.8	NNW	19/03/2015	04:30	0.4	E
18/03/2015	13:25	0.9	NNW	18/03/2015	21:00	3.1	NNW	19/03/2015	04:35	0.9	NW
18/03/2015	13:30	2.7	E	18/03/2015	21:05	0.9	SE	19/03/2015	04:40	0.4	WSW
18/03/2015	13:35	2.7	ESE	18/03/2015	21:10	1.3	W	19/03/2015	04:45	1.3	W
18/03/2015	13:40	0.9	NNW	18/03/2015	21:15	0.4	W	19/03/2015	04:50	0.4	NW
18/03/2015	13:45	1.3	NNW	18/03/2015	21:20	2.2	W	19/03/2015	04:55	0.4	WNW
18/03/2015	13:50	1.3	SSE	18/03/2015	21:25	2.2	WSW	19/03/2015	05:00	0.4	WNW
18/03/2015	13:55	1.3	NNW	18/03/2015	21:30	2.7	W	19/03/2015	05:05	0.4	WNW
18/03/2015	14:00	1.3	NNE	18/03/2015	21:35	0.9	NW	19/03/2015	05:10	0.4	WNW
18/03/2015	14:05	2.2	N	18/03/2015	21:40	3.1	W	19/03/2015	05:15	0.9	ENE
18/03/2015	14:10	1.8	NW	18/03/2015	21:45	0.9	W	19/03/2015	05:20	0.4	NW
18/03/2015	14:15	1.3	ENE	18/03/2015	21:50	2.2	W	19/03/2015	05:25	0.9	W
18/03/2015	14:20	1.8	NNE	18/03/2015	21:55	2.2	SW	19/03/2015	05:30	1.3	W
18/03/2015	14:25	1.8	NW	18/03/2015	22:00	1.8	WNW	19/03/2015	05:35	0.9	W
18/03/2015	14:30	1.3	NW	18/03/2015	22:05	1.8	WNW	19/03/2015	05:40	1.8	W
18/03/2015	14:35	0.9	WNW	18/03/2015	22:10	1.3	WSW	19/03/2015	05:45	1.3	W
18/03/2015	14:40	1.3	W	18/03/2015	22:15	0.9	WSW	19/03/2015	05:50	2.2	W
18/03/2015	14:45	0.9	NW	18/03/2015	22:20	1.8	NE	19/03/2015	05:55	1.8	W
18/03/2015	14:50	1.3	NW	18/03/2015	22:25	2.2	W	19/03/2015	06:00	0.9	WSW
18/03/2015	14:55	1.3	NNW	18/03/2015	22:30	3.1	WSW	19/03/2015	06:05	0.4	W
18/03/2015	15:00	0.9	WSW	18/03/2015	22:35	1.3	NNE	19/03/2015	06:10	1.3	WSW
18/03/2015	15:05	0.9	SSW	18/03/2015	22:40	2.2	WSW	19/03/2015	06:15	0.4	W
18/03/2015	15:10	1.8	W	18/03/2015	22:45	3.1	WSW	19/03/2015	06:20	0.9	W
18/03/2015	15:15	2.7	WSW	18/03/2015	22:50	1.8	W	19/03/2015	06:25	0.4	W
18/03/2015	15:20	1.3	W	18/03/2015	22:55	1.8	WNW	19/03/2015	06:30	0.4	WSW
18/03/2015	15:25	1.8	W	18/03/2015	23:00	2.2	WSW	19/03/2015	06:35	0.4	W
18/03/2015	15:30	3.1	NW	18/03/2015	23:05	1.8	W	19/03/2015	06:40	0.9	W
18/03/2015	15:35	2.2	WNW	18/03/2015	23:10	1.8	NNW	19/03/2015	06:45	0.4	W
18/03/2015	15:40	2.7	WNW	18/03/2015	23:15	1.3	NE	19/03/2015	06:50	0.4	W
18/03/2015	15:45	2.7	NW	18/03/2015	23:20	1.8	WSW	19/03/2015	06:55	0.4	E
18/03/2015	15:50	2.7	WNW	18/03/2015	23:25	2.7	WSW	19/03/2015	07:00	0.4	E
18/03/2015	15:55	3.1	WNW	18/03/2015	23:30	1.8	SSW	19/03/2015	07:05	0.4	NNW
18/03/2015	16:00	2.2	NNW	18/03/2015	23:35	0.4	W	19/03/2015	07:10	0.9	NE
18/03/2015	16:05	2.2	NNW	18/03/2015	23:40	0.9	N	19/03/2015	07:15	0.9	E
18/03/2015	16:10	1.8	W	18/03/2015	23:45	1.3	NNE	19/03/2015	07:20	0.4	NE
18/03/2015	16:15	2.2	W	18/03/2015	23:50	1.8	NNW	19/03/2015	07:25	0.4	W

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

Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction
19/03/2015	07:30	0.4	WSW	19/03/2015	15:05	3.1	WSW	19/03/2015	22:40	0.4	W
19/03/2015	07:35	0.4	ENE	19/03/2015	15:10	2.2	W	19/03/2015	22:45	0.4	W
19/03/2015	07:40	0.9	E	19/03/2015	15:15	1.8	WSW	19/03/2015	22:50	0.4	W
19/03/2015	07:45	0.4	E	19/03/2015	15:20	2.7	WSW	19/03/2015	22:55	1.3	WNW
19/03/2015	07:50	1.8	NE	19/03/2015	15:25	1.8	W	19/03/2015	23:00	1.3	WNW
19/03/2015	07:55	1.3	NE	19/03/2015	15:30	2.2	W	19/03/2015	23:05	2.2	W
19/03/2015	08:00	1.3	NE	19/03/2015	15:35	2.7	W	19/03/2015	23:10	1.8	WSW
19/03/2015	08:05	1.3	NNE	19/03/2015	15:40	2.2	WNW	19/03/2015	23:15	2.7	WSW
19/03/2015	08:10	1.3	ENE	19/03/2015	15:45	2.7	W	19/03/2015	23:20	1.8	W
19/03/2015	08:15	1.3	NE	19/03/2015	15:50	1.8	WSW	19/03/2015	23:25	2.2	W
19/03/2015	08:20	1.3	ENE	19/03/2015	15:55	2.7	SW	19/03/2015	23:30	2.7	W
19/03/2015	08:25	0.4	ENE	19/03/2015	16:00	3.1	WSW	19/03/2015	23:35	2.2	WNW
19/03/2015	08:30	1.8	WSW	19/03/2015	16:05	2.7	WSW	19/03/2015	23:40	2.2	WNW
19/03/2015	08:35	1.8	WSW	19/03/2015	16:10	2.2	WSW	19/03/2015	23:45	0.4	NE
19/03/2015	08:40	1.8	WNW	19/03/2015	16:15	2.7	WSW	19/03/2015	23:50	0.4	NE
19/03/2015	08:45	1.8	NW	19/03/2015	16:20	1.3	SW	19/03/2015	23:55	0.4	N
19/03/2015	08:50	1.8	ENE	19/03/2015	16:25	2.7	W	20/03/2015	00:00	0.4	NW
19/03/2015	08:55	0.4	ENE	19/03/2015	16:30	2.2	WSW	20/03/2015	00:05	0.4	NW
19/03/2015	09:00	0.4	NE	19/03/2015	16:35	0.9	E	20/03/2015	00:10	0.4	NNW
19/03/2015	09:05	0.4	N	19/03/2015	16:40	0.9	ENE	20/03/2015	00:15	0.4	NNW
19/03/2015	09:10	0.4	N	19/03/2015	16:45	2.7	ENE	20/03/2015	00:20	0.4	NNW
19/03/2015	09:15	0.9	NE	19/03/2015	16:50	2.2	E	20/03/2015	00:25	0.4	NW
19/03/2015	09:20	1.3	NNW	19/03/2015	16:55	1.8	ENE	20/03/2015	00:30	0.4	NW
19/03/2015	09:25	1.8	N	19/03/2015	17:00	2.7	E	20/03/2015	00:35	0.4	NNW
19/03/2015	09:30	1.3	NNW	19/03/2015	17:05	2.7	ESE	20/03/2015	00:40	0.4	WSW
19/03/2015	09:35	0.4	NW	19/03/2015	17:10	2.2	ENE	20/03/2015	00:45	0.4	WSW
19/03/2015	09:40	0.9	NNE	19/03/2015	17:15	3.1	ENE	20/03/2015	00:50	0.4	WSW
19/03/2015	09:45	0.9	N	19/03/2015	17:20	3.1	ENE	20/03/2015	00:55	0.9	WSW
19/03/2015	09:50	0.4	N	19/03/2015	17:25	3.6	E	20/03/2015	01:00	1.3	WSW
19/03/2015	09:55	0.4	NNE	19/03/2015	17:30	0.9	ENE	20/03/2015	01:05	1.3	W
19/03/2015	10:00	0.9	N	19/03/2015	17:35	1.8	ENE	20/03/2015	01:10	0.4	WSW
19/03/2015	10:05	1.3	NNE	19/03/2015	17:40	1.8	ENE	20/03/2015	01:15	0.4	WSW
19/03/2015	10:10	2.2	NNE	19/03/2015	17:45	0.9	NNE	20/03/2015	01:20	0.4	WSW
19/03/2015	10:15	1.8	NE	19/03/2015	17:50	0.9	NE	20/03/2015	01:25	0.4	WSW
19/03/2015	10:20	1.3	NE	19/03/2015	17:55	0.9	E	20/03/2015	01:30	0.4	WSW
19/03/2015	10:25	1.3	NE	19/03/2015	18:00	0.4	NW	20/03/2015	01:35	0.4	WSW
19/03/2015	10:30	1.3	ENE	19/03/2015	18:05	0.4	NW	20/03/2015	01:40	0.4	SSW
19/03/2015	10:35	0.4	ENE	19/03/2015	18:10	0.4	NW	20/03/2015	01:45	0.4	W
19/03/2015	10:40	0.4	NNE	19/03/2015	18:15	0.4	NE	20/03/2015	01:50	0.9	WSW
19/03/2015	10:45	0.4	NNE	19/03/2015	18:20	0.9	ENE	20/03/2015	01:55	0.9	WSW
19/03/2015	10:50	0.9	N	19/03/2015	18:25	0.4	ENE	20/03/2015	02:00	0.4	WSW
19/03/2015	10:55	1.3	N	19/03/2015	18:30	0.4	N	20/03/2015	02:05	0.4	WSW
19/03/2015	11:00	1.8	NNW	19/03/2015	18:35	1.3	NE	20/03/2015	02:10	0.9	NNE
19/03/2015	11:05	0.9	NNW	19/03/2015	18:40	1.3	NE	20/03/2015	02:15	0.9	NNE
19/03/2015	11:10	1.3	N	19/03/2015	18:45	0.9	NE	20/03/2015	02:20	0.4	NNE
19/03/2015	11:15	0.4	WNW	19/03/2015	18:50	1.3	E	20/03/2015	02:25	0.4	NNE
19/03/2015	11:20	0.9	N	19/03/2015	18:55	0.4	E	20/03/2015	02:30	0.9	NNE
19/03/2015	11:25	2.2	NE	19/03/2015	19:00	0.4	ENE	20/03/2015	02:35	0.9	NNE
19/03/2015	11:30	2.2	NE	19/03/2015	19:05	0.9	NE	20/03/2015	02:40	0.9	NNE
19/03/2015	11:35	0.4	N	19/03/2015	19:10	0.4	WNW	20/03/2015	02:45	0.9	NNE
19/03/2015	11:40	1.3	NNW	19/03/2015	19:15	0.4	NNE	20/03/2015	02:50	0.4	NW
19/03/2015	11:45	0.4	NNW	19/03/2015	19:20	0.9	E	20/03/2015	02:55	0.4	NNW
19/03/2015	11:50	0.4	NNW	19/03/2015	19:25	0.4	NNE	20/03/2015	03:00	0.4	NNW
19/03/2015	11:55	0.4	NNW	19/03/2015	19:30	1.3	NE	20/03/2015	03:05	0.4	SE
19/03/2015	12:00	0.4	NNW	19/03/2015	19:35	1.3	NE	20/03/2015	03:10	0.4	SE
19/03/2015	12:05	0.4	N	19/03/2015	19:40	0.9	NE	20/03/2015	03:15	0.9	WSW
19/03/2015	12:10	0.4	N	19/03/2015	19:45	0.9	NNE	20/03/2015	03:20	0.9	WSW
19/03/2015	12:15	0.9	W	19/03/2015	19:50	2.2	NE	20/03/2015	03:25	1.3	WSW
19/03/2015	12:20	0.9	W	19/03/2015	19:55	1.3	NNE	20/03/2015	03:30	0.9	WSW
19/03/2015	12:25	1.8	NNW	19/03/2015	20:00	0.4	NNE	20/03/2015	03:35	0.4	WSW
19/03/2015	12:30	1.3	NNE	19/03/2015	20:05	0.9	NE	20/03/2015	03:40	0.4	WSW
19/03/2015	12:35	1.3	NNW	19/03/2015	20:10	0.9	WSW	20/03/2015	03:45	0.4	WSW
19/03/2015	12:40	0.9	WNW	19/03/2015	20:15	0.9	W	20/03/2015	03:50	0.9	WSW
19/03/2015	12:45	1.8	N	19/03/2015	20:20	0.4	WNW	20/03/2015	03:55	1.3	WSW
19/03/2015	12:50	0.9	NW	19/03/2015	20:25	0.9	N	20/03/2015	04:00	0.9	WNW
19/03/2015	12:55	3.1	WNW	19/03/2015	20:30	0.9	NW	20/03/2015	04:05	0.9	WSW
19/03/2015	13:00	2.2	NNW	19/03/2015	20:35	0.9	N	20/03/2015	04:10	0.9	WSW
19/03/2015	13:05	3.6	W	19/03/2015	20:40	0.9	N	20/03/2015	04:15	0.9	WSW
19/03/2015	13:10	1.3	E	19/03/2015	20:45	0.4	NNW	20/03/2015	04:20	0.9	WSW
19/03/2015	13:15	0.9	SSW	19/03/2015	20:50	1.3	NW	20/03/2015	04:25	0.9	SSW
19/03/2015	13:20	1.8	ENE	19/03/2015	20:55	1.3	NW	20/03/2015	04:30	0.4	WSW
19/03/2015	13:25	2.7	E	19/03/2015	21:00	0.4	W	20/03/2015	04:35	0.9	WSW
19/03/2015	13:30	0.9	ENE	19/03/2015	21:05	0.4	NW	20/03/2015	04:40	1.3	WSW
19/03/2015	13:35	1.8	NE	19/03/2015	21:10	0.4	W	20/03/2015	04:45	0.4	NW
19/03/2015	13:40	2.7	NE	19/03/2015	21:15	1.3	WNW	20/03/2015	04:50	0.4	NNE
19/03/2015	13:45	2.2	NNE	19/03/2015	21:20	1.3	WNW	20/03/2015	04:55	0.9	NNE
19/03/2015	13:50	1.3	N	19/03/2015	21:25	1.3	NW	20/03/2015	05:00	0.9	WNW
19/03/2015	13:55	0.9	NNE	19/03/2015	21:30	1.3	NW	20/03/2015	05:05	0.9	WNW
19/03/2015	14:00	0.9	NE	19/03/2015	21:35	1.3	NNE	20/03/2015	05:10	0.4	WNW
19/03/2015	14:05	1.8	N	19/03/2015	21:40	0.4	N	20/03/2015	05:15	0.4	WNW
19/03/2015	14:10	0.9	NNE	19/03/2015	21:45	0.4	WNW	20/03/2015	05:20	0.4	WNW
19/03/2015	14:15	1.8	WNW	19/03/2015	21:50	0.4	WNW	20/03/2015	05:25	1.8	NW
19/03/2015	14:20	1.8	WNW	19/03/2015	21:55	0.4	N	20/03/2015	05:30	0.4	NW
19/03/2015	14:25	1.8	WNW	19/03/2015	22:00	1.3	NW	20/03/2015	05:35	0.4	NNW
19/03/2015	14:30	3.1	WSW	19/03/2015	22:05	0.4	NW	20/03/2015	05:40	0.4	NNW
19/03/2015	14:35	1.8	NNW	19/03/2015	22:10	0.9	NW	20/03/2015	05:45	0.4	NNW
19/03/2015	14:40	1.8	WNW	19/03/2015	22:15	0.4	NNW	20/03/2015	05:50	0.4	NNE
19/03/2015	14:45	2.2	WNW	19/03/2015	22:20	0.4	NW	20/03/2015	05:55	0.4	NNE
19/03/2015	14:50	3.1	WSW	19/03/2015	22:25	0.4	N	20/03/2015	06:00	0.4	NNE
19/03/2015	14:55	2.2	NW	19/03/2015	22:30	1.3	NW	20/03/2015	06:05	0.9	NNE
19/03/2015	15:00	2.2	WSW	19/03/2015	22:35	0.4	WNW	20/03/2015	06:10	0.4	NW

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

Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction
20/03/2015	06:15	0.4	NNW	20/03/2015	13:50	0.9	WNW	20/03/2015	21:25	0.4	W
20/03/2015	06:20	0.4	NNW	20/03/2015	13:55	0.9	WNW	20/03/2015	21:30	0.9	WSW
20/03/2015	06:25	0.4	NNW	20/03/2015	14:00	1.3	WNW	20/03/2015	21:35	0.9	WSW
20/03/2015	06:30	0.4	NNW	20/03/2015	14:05	0.4	WNW	20/03/2015	21:40	1.3	WSW
20/03/2015	06:35	0.4	NNE	20/03/2015	14:10	1.3	WNW	20/03/2015	21:45	0.4	WNW
20/03/2015	06:40	0.4	NNE	20/03/2015	14:15	2.2	W	20/03/2015	21:50	0.4	WNW
20/03/2015	06:45	0.4	NNE	20/03/2015	14:20	1.8	W	20/03/2015	21:55	1.8	NW
20/03/2015	06:50	0.4	W	20/03/2015	14:25	1.8	W	20/03/2015	22:00	0.4	NW
20/03/2015	06:55	0.4	NNE	20/03/2015	14:30	1.8	W	20/03/2015	22:05	0.4	NNW
20/03/2015	07:00	0.4	NNE	20/03/2015	14:35	2.2	W	20/03/2015	22:10	0.4	NNW
20/03/2015	07:05	0.4	NNE	20/03/2015	14:40	1.8	W	20/03/2015	22:15	0.4	NNW
20/03/2015	07:10	0.9	NNE	20/03/2015	14:45	1.8	W	20/03/2015	22:20	2.2	W
20/03/2015	07:15	0.4	NNE	20/03/2015	14:50	1.3	W	20/03/2015	22:25	2.2	W
20/03/2015	07:20	0.4	NNE	20/03/2015	14:55	0.9	WSW	20/03/2015	22:30	2.7	W
20/03/2015	07:25	0.4	NNE	20/03/2015	15:00	0.9	WNW	20/03/2015	22:35	2.2	W
20/03/2015	07:30	0.9	NNE	20/03/2015	15:05	1.8	NE	20/03/2015	22:40	2.2	W
20/03/2015	07:35	0.9	WNW	20/03/2015	15:10	2.2	NE	20/03/2015	22:45	1.8	W
20/03/2015	07:40	0.9	WNW	20/03/2015	15:15	2.2	NE	20/03/2015	22:50	2.2	W
20/03/2015	07:45	0.9	W	20/03/2015	15:20	1.3	NNE	20/03/2015	22:55	1.8	WSW
20/03/2015	07:50	1.3	W	20/03/2015	15:25	1.3	NW	20/03/2015	23:00	0.9	W
20/03/2015	07:55	0.9	WNW	20/03/2015	15:30	0.9	NW	20/03/2015	23:05	0.9	W
20/03/2015	08:00	1.3	WNW	20/03/2015	15:35	1.3	WNW	20/03/2015	23:10	0.9	WNW
20/03/2015	08:05	1.3	W	20/03/2015	15:40	1.3	W	20/03/2015	23:15	1.3	WNW
20/03/2015	08:10	0.4	W	20/03/2015	15:45	0.9	WNW	20/03/2015	23:20	2.2	W
20/03/2015	08:15	0.9	WSW	20/03/2015	15:50	0.9	N	20/03/2015	23:25	1.8	W
20/03/2015	08:20	0.9	WSW	20/03/2015	15:55	1.8	NNE	20/03/2015	23:30	1.8	W
20/03/2015	08:25	1.3	WSW	20/03/2015	16:00	0.9	NE	20/03/2015	23:35	1.8	W
20/03/2015	08:30	0.4	WNW	20/03/2015	16:05	0.9	NE	20/03/2015	23:40	2.2	W
20/03/2015	08:35	0.4	WNW	20/03/2015	16:10	0	SSE	20/03/2015	23:45	1.8	W
20/03/2015	08:40	0.4	WNW	20/03/2015	16:15	1.3	N	20/03/2015	23:50	2.2	NE
20/03/2015	08:45	0.4	WNW	20/03/2015	16:20	1.3	WNW	20/03/2015	23:55	1.3	NNE
20/03/2015	08:50	1.8	NW	20/03/2015	16:25	1.3	NNW	21/03/2015	00:00	1.3	NW
20/03/2015	08:55	0.4	NW	20/03/2015	16:30	1.3	N	21/03/2015	00:05	0.4	SW
20/03/2015	09:00	0.4	NNW	20/03/2015	16:35	0.4	NNW	21/03/2015	00:10	1.3	W
20/03/2015	09:05	0.4	NNW	20/03/2015	16:40	1.3	N	21/03/2015	00:15	1.8	W
20/03/2015	09:10	0.4	NNW	20/03/2015	16:45	1.3	NNE	21/03/2015	00:20	1.3	WSW
20/03/2015	09:15	0.4	W	20/03/2015	16:50	0.9	N	21/03/2015	00:25	1.3	SW
20/03/2015	09:20	1.3	NNE	20/03/2015	16:55	1.3	N	21/03/2015	00:30	0.9	SW
20/03/2015	09:25	1.3	N	20/03/2015	17:00	0.4	N	21/03/2015	00:35	0.9	SW
20/03/2015	09:30	0.4	NW	20/03/2015	17:05	0.9	N	21/03/2015	00:40	0.4	ESE
20/03/2015	09:35	0.4	NNW	20/03/2015	17:10	0.4	N	21/03/2015	00:45	0.4	ESE
20/03/2015	09:40	0.4	NNW	20/03/2015	17:15	0.4	N	21/03/2015	00:50	1.8	ENE
20/03/2015	09:45	0.4	NNW	20/03/2015	17:20	0.4	N	21/03/2015	00:55	1.8	ENE
20/03/2015	09:50	0.4	NW	20/03/2015	17:25	0.4	N	21/03/2015	01:00	1.8	ENE
20/03/2015	09:55	0.4	W	20/03/2015	17:30	0.4	N	21/03/2015	01:05	1.8	ENE
20/03/2015	10:00	0.4	W	20/03/2015	17:35	0.9	N	21/03/2015	01:10	2.2	ENE
20/03/2015	10:05	0.4	W	20/03/2015	17:40	0.9	NNE	21/03/2015	01:15	0.9	N
20/03/2015	10:10	0.9	WNW	20/03/2015	17:45	0.4	NNE	21/03/2015	01:20	1.3	NNE
20/03/2015	10:15	0.9	W	20/03/2015	17:50	0.4	NNW	21/03/2015	01:25	0.9	NE
20/03/2015	10:20	1.3	W	20/03/2015	17:55	0.4	NNW	21/03/2015	01:30	0.4	NE
20/03/2015	10:25	0.9	WNW	20/03/2015	18:00	0.4	N	21/03/2015	01:35	1.3	NNE
20/03/2015	10:30	1.3	WNW	20/03/2015	18:05	1.8	NE	21/03/2015	01:40	0.9	NE
20/03/2015	10:35	1.8	W	20/03/2015	18:10	2.2	NE	21/03/2015	01:45	0.9	SSW
20/03/2015	10:40	1.8	W	20/03/2015	18:15	2.2	NE	21/03/2015	01:50	0.9	SSW
20/03/2015	10:45	1.8	W	20/03/2015	18:20	1.3	NNE	21/03/2015	01:55	0.4	ESE
20/03/2015	10:50	1.3	W	20/03/2015	18:25	1.3	NW	21/03/2015	02:00	0.4	ESE
20/03/2015	10:55	1.3	W	20/03/2015	18:30	0.9	NW	21/03/2015	02:05	0.4	N
20/03/2015	11:00	0.4	W	20/03/2015	18:35	0.9	NW	21/03/2015	02:10	0.4	N
20/03/2015	11:05	0.9	WSW	20/03/2015	18:40	0.4	N	21/03/2015	02:15	1.3	NNE
20/03/2015	11:10	0.9	WSW	20/03/2015	18:45	0.4	NE	21/03/2015	02:20	1.3	NE
20/03/2015	11:15	1.3	WSW	20/03/2015	18:50	0.4	N	21/03/2015	02:25	1.3	NE
20/03/2015	11:20	0.4	WNW	20/03/2015	18:55	0.4	N	21/03/2015	02:30	0.9	NE
20/03/2015	11:25	0.4	WNW	20/03/2015	19:00	0.4	N	21/03/2015	02:35	1.3	NE
20/03/2015	11:30	0.4	WNW	20/03/2015	19:05	0.4	N	21/03/2015	02:40	1.3	NE
20/03/2015	11:35	0.4	WNW	20/03/2015	19:10	0.4	N	21/03/2015	02:45	1.3	NE
20/03/2015	11:40	0.4	WNW	20/03/2015	19:15	0.9	N	21/03/2015	02:50	1.3	NE
20/03/2015	11:45	1.3	WNW	20/03/2015	19:20	0.9	NNE	21/03/2015	02:55	0.4	NNE
20/03/2015	11:50	0.4	NNW	20/03/2015	19:25	0.4	NNE	21/03/2015	03:00	0.9	N
20/03/2015	11:55	0.4	WNW	20/03/2015	19:30	0.4	NNW	21/03/2015	03:05	1.3	NNE
20/03/2015	12:00	1.8	NW	20/03/2015	19:35	0.4	NNW	21/03/2015	03:10	0.9	NE
20/03/2015	12:05	0.4	NW	20/03/2015	19:40	0.4	N	21/03/2015	03:15	0.4	NE
20/03/2015	12:10	0.4	NNW	20/03/2015	19:45	1.3	NNE	21/03/2015	03:20	1.3	NNE
20/03/2015	12:15	0.4	NNW	20/03/2015	19:50	0.9	N	21/03/2015	03:25	1.3	NE
20/03/2015	12:20	0.4	NNW	20/03/2015	19:55	1.3	N	21/03/2015	03:30	0.9	NE
20/03/2015	12:25	0.4	NW	20/03/2015	20:00	0.4	N	21/03/2015	03:35	1.3	NE
20/03/2015	12:30	0.9	W	20/03/2015	20:05	0.9	N	21/03/2015	03:40	0.9	NNE
20/03/2015	12:35	1.8	W	20/03/2015	20:10	0.9	NNE	21/03/2015	03:45	0.9	NE
20/03/2015	12:40	2.2	W	20/03/2015	20:15	0.4	NNE	21/03/2015	03:50	1.3	N
20/03/2015	12:45	2.2	W	20/03/2015	20:20	0.4	NNW	21/03/2015	03:55	0.4	NE
20/03/2015	12:50	2.7	W	20/03/2015	20:25	0.4	WSW	21/03/2015	04:00	1.3	NNE
20/03/2015	12:55	2.2	W	20/03/2015	20:30	0.4	WSW	21/03/2015	04:05	0.4	SW
20/03/2015	13:00	2.2	W	20/03/2015	20:35	0.4	WSW	21/03/2015	04:10	0.4	SW
20/03/2015	13:05	2.2	W	20/03/2015	20:40	0.9	WSW	21/03/2015	04:15	0.4	SW
20/03/2015	13:10	2.2	W	20/03/2015	20:45	1.3	WSW	21/03/2015	04:20	1.3	W
20/03/2015	13:15	2.2	W	20/03/2015	20:50	1.3	W	21/03/2015	04:25	1.8	W
20/03/2015	13:20	1.8	W	20/03/2015	20:55	0.4	W	21/03/2015	04:30	1.3	WSW
20/03/2015	13:25	1.8	W	20/03/2015	21:00	0.4	W	21/03/2015	04:35	1.3	SW
20/03/2015	13:30	2.2	W	20/03/2015	21:05	0.9	WNW	21/03/2015	04:40	0.9	SW
20/03/2015	13:35	1.8	WSW	20/03/2015	21:10	0.9	W	21/03/2015	04:45	0.9	SW
20/03/2015	13:40	0.9	W	20/03/2015	21:15	1.3	W	21/03/2015	04:50	1.3	WSW
20/03/2015	13:45	0.9	W	20/03/2015	21:20	0.9	WNW	21/03/2015	04:55	1.3	WSW

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

Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction
21/03/2015	05:00	0.9	WSW	21/03/2015	12:35	1.3	NNE	21/03/2015	20:10	0.9	NE
21/03/2015	05:05	1.3	WSW	21/03/2015	12:40	1.8	N	21/03/2015	20:15	0.9	ENE
21/03/2015	05:10	1.3	ESE	21/03/2015	12:45	2.7	NNW	21/03/2015	20:20	0.4	NNE
21/03/2015	05:15	0.4	ESE	21/03/2015	12:50	3.1	N	21/03/2015	20:25	0.9	NNE
21/03/2015	05:20	0.4	ESE	21/03/2015	12:55	2.2	N	21/03/2015	20:30	0.9	NE
21/03/2015	05:25	0.4	ESE	21/03/2015	13:00	0.9	N	21/03/2015	20:35	0.9	NE
21/03/2015	05:30	1.8	ENE	21/03/2015	13:05	0.9	N	21/03/2015	20:40	0.9	NE
21/03/2015	05:35	1.8	ENE	21/03/2015	13:10	0.9	N	21/03/2015	20:45	0.9	NE
21/03/2015	05:40	1.8	ENE	21/03/2015	13:15	1.3	NNW	21/03/2015	20:50	1.3	NE
21/03/2015	05:45	1.8	ENE	21/03/2015	13:20	1.3	N	21/03/2015	20:55	0.9	NNE
21/03/2015	05:50	2.2	ENE	21/03/2015	13:25	1.8	N	21/03/2015	21:00	0.4	NE
21/03/2015	05:55	1.3	ENE	21/03/2015	13:30	1.3	N	21/03/2015	21:05	0.4	NE
21/03/2015	06:00	0.9	ENE	21/03/2015	13:35	1.3	N	21/03/2015	21:10	0.4	NE
21/03/2015	06:05	0.4	ESE	21/03/2015	13:40	1.3	N	21/03/2015	21:15	0.4	NE
21/03/2015	06:10	0.4	ENE	21/03/2015	13:45	1.8	NNE	21/03/2015	21:20	0.4	NE
21/03/2015	06:15	0.4	NE	21/03/2015	13:50	1.8	NE	21/03/2015	21:25	0.4	NE
21/03/2015	06:20	0.4	NE	21/03/2015	13:55	1.3	NE	21/03/2015	21:30	0.4	NE
21/03/2015	06:25	0.4	NNE	21/03/2015	14:00	1.8	NNE	21/03/2015	21:35	0.4	NE
21/03/2015	06:30	0.9	N	21/03/2015	14:05	1.8	N	21/03/2015	21:40	0.4	NE
21/03/2015	06:35	1.3	NNE	21/03/2015	14:10	2.2	NE	21/03/2015	21:45	0.4	NE
21/03/2015	06:40	0.9	NE	21/03/2015	14:15	1.8	N	21/03/2015	21:50	0.4	NE
21/03/2015	06:45	0.4	NE	21/03/2015	14:20	1.3	N	21/03/2015	21:55	0.4	NE
21/03/2015	06:50	1.3	NNE	21/03/2015	14:25	0.9	NNE	21/03/2015	22:00	0.4	NE
21/03/2015	06:55	0.9	NE	21/03/2015	14:30	1.3	NNE	21/03/2015	22:05	0.4	WSW
21/03/2015	07:00	1.3	NE	21/03/2015	14:35	1.3	N	21/03/2015	22:10	0.4	WSW
21/03/2015	07:05	1.3	NE	21/03/2015	14:40	0.9	NNE	21/03/2015	22:15	0.4	WSW
21/03/2015	07:10	1.3	NE	21/03/2015	14:45	0.9	NNE	21/03/2015	22:20	0.4	WSW
21/03/2015	07:15	0.9	NNE	21/03/2015	14:50	1.3	N	21/03/2015	22:25	0.4	WSW
21/03/2015	07:20	0.9	SSW	21/03/2015	14:55	1.3	NNE	21/03/2015	22:30	0.4	WSW
21/03/2015	07:25	0.9	SSW	21/03/2015	15:00	1.3	NNE	21/03/2015	22:35	0.4	WSW
21/03/2015	07:30	0.9	SSW	21/03/2015	15:05	1.8	NE	21/03/2015	22:40	0.4	WSW
21/03/2015	07:35	0.9	SSW	21/03/2015	15:10	1.3	NE	21/03/2015	22:45	0.9	WSW
21/03/2015	07:40	0.4	ESE	21/03/2015	15:15	1.3	NNE	21/03/2015	22:50	0.4	WSW
21/03/2015	07:45	0.4	ESE	21/03/2015	15:20	1.3	NNE	21/03/2015	22:55	0.4	WSW
21/03/2015	07:50	0.4	N	21/03/2015	15:25	2.2	NE	21/03/2015	23:00	0.4	WSW
21/03/2015	07:55	0.4	N	21/03/2015	15:30	2.7	NE	21/03/2015	23:05	0.4	WSW
21/03/2015	08:00	1.3	NNE	21/03/2015	15:35	2.2	NE	21/03/2015	23:10	0.4	WSW
21/03/2015	08:05	0.4	NE	21/03/2015	15:40	2.2	NE	21/03/2015	23:15	0.9	WSW
21/03/2015	08:10	1.3	NE	21/03/2015	15:45	2.2	ENE	21/03/2015	23:20	1.3	WSW
21/03/2015	08:15	1.3	NE	21/03/2015	15:50	2.7	NE	21/03/2015	23:25	1.3	WSW
21/03/2015	08:20	0.9	NE	21/03/2015	15:55	3.1	NE	21/03/2015	23:30	0.9	SW
21/03/2015	08:25	1.3	NE	21/03/2015	16:00	3.1	NE	21/03/2015	23:35	0.9	SW
21/03/2015	08:30	1.3	NE	21/03/2015	16:05	2.7	NE	21/03/2015	23:40	1.3	SW
21/03/2015	08:35	1.3	NE	21/03/2015	16:10	2.7	NE	21/03/2015	23:45	1.3	SW
21/03/2015	08:40	1.3	NE	21/03/2015	16:15	1.8	ENE	21/03/2015	23:50	0.4	SW
21/03/2015	08:45	0.9	NE	21/03/2015	16:20	1.8	ENE	21/03/2015	23:55	1.3	WSW
21/03/2015	08:50	0.9	NNE	21/03/2015	16:25	1.8	ENE	22/03/2015	00:00	1.3	WSW
21/03/2015	08:55	0.9	NNE	21/03/2015	16:30	1.8	ENE	22/03/2015	00:05	0.9	WSW
21/03/2015	09:00	0.9	NNE	21/03/2015	16:35	2.2	ENE	22/03/2015	00:10	1.8	W
21/03/2015	09:05	0.9	NNE	21/03/2015	16:40	2.2	E	22/03/2015	00:15	2.2	W
21/03/2015	09:10	0.9	NNE	21/03/2015	16:45	2.2	E	22/03/2015	00:20	0.9	W
21/03/2015	09:15	0.9	NNE	21/03/2015	16:50	1.3	ENE	22/03/2015	00:25	0.9	WNW
21/03/2015	09:20	0.4	NNE	21/03/2015	16:55	0.9	ENE	22/03/2015	00:30	0.9	W
21/03/2015	09:25	0.4	NNE	21/03/2015	17:00	0.4	NE	22/03/2015	00:35	0.9	W
21/03/2015	09:30	0.9	N	21/03/2015	17:05	0.4	NE	22/03/2015	00:40	0.9	WSW
21/03/2015	09:35	1.3	NNE	21/03/2015	17:10	0.9	NE	22/03/2015	00:45	0.4	NE
21/03/2015	09:40	0.9	NE	21/03/2015	17:15	0.9	NE	22/03/2015	00:50	0.4	N
21/03/2015	09:45	0.4	NE	21/03/2015	17:20	0.9	NE	22/03/2015	00:55	0.9	NNW
21/03/2015	09:50	1.3	NNE	21/03/2015	17:25	0.9	NE	22/03/2015	01:00	0.4	NNW
21/03/2015	09:55	0.9	NE	21/03/2015	17:30	0.4	NE	22/03/2015	01:05	0.4	NNW
21/03/2015	10:00	1.3	NE	21/03/2015	17:35	0.9	NE	22/03/2015	01:10	0.9	NNW
21/03/2015	10:05	1.3	NE	21/03/2015	17:40	0.9	NE	22/03/2015	01:15	0.9	NNW
21/03/2015	10:10	1.3	NE	21/03/2015	17:45	0.4	ENE	22/03/2015	01:20	0.9	NNW
21/03/2015	10:15	0.9	NNE	21/03/2015	17:50	0.4	NE	22/03/2015	01:25	0.9	NNW
21/03/2015	10:20	1.3	NE	21/03/2015	17:55	0.4	NE	22/03/2015	01:30	0.9	NNW
21/03/2015	10:25	1.3	NE	21/03/2015	18:00	1.8	NNW	22/03/2015	01:35	0.9	NNW
21/03/2015	10:30	0.9	NE	21/03/2015	18:05	2.2	NNW	22/03/2015	01:40	0.9	NNW
21/03/2015	10:35	1.3	NE	21/03/2015	18:10	1.8	NW	22/03/2015	01:45	0.9	WNW
21/03/2015	10:40	0.9	NNE	21/03/2015	18:15	0.4	NW	22/03/2015	01:50	0.9	NNW
21/03/2015	10:45	0.9	NE	21/03/2015	18:20	0.4	W	22/03/2015	01:55	0.9	NNW
21/03/2015	10:50	1.3	N	21/03/2015	18:25	0.4	SW	22/03/2015	02:00	0.9	NNW
21/03/2015	10:55	0.4	NNE	21/03/2015	18:30	0.4	SW	22/03/2015	02:05	0.9	NNW
21/03/2015	11:00	0.4	NNE	21/03/2015	18:35	1.8	WSW	22/03/2015	02:10	0.9	NNW
21/03/2015	11:05	0.9	N	21/03/2015	18:40	1.3	WSW	22/03/2015	02:15	0.9	NNW
21/03/2015	11:10	0.9	NNW	21/03/2015	18:45	0.9	WSW	22/03/2015	02:20	0.9	NNW
21/03/2015	11:15	0.4	N	21/03/2015	18:50	0.4	WSW	22/03/2015	02:25	0.9	NNW
21/03/2015	11:20	0.4	NNE	21/03/2015	18:55	0.4	WSW	22/03/2015	02:30	0.9	NNW
21/03/2015	11:25	0.9	NE	21/03/2015	19:00	0.4	ESE	22/03/2015	02:35	0.9	NNW
21/03/2015	11:30	0.9	NE	21/03/2015	19:05	0.4	NE	22/03/2015	02:40	0.9	E
21/03/2015	11:35	0.9	N	21/03/2015	19:10	0.4	NE	22/03/2015	02:45	0.4	E
21/03/2015	11:40	1.3	N	21/03/2015	19:15	0.4	NNE	22/03/2015	02:50	1.8	E
21/03/2015	11:45	1.8	NE	21/03/2015	19:20	2.2	NNE	22/03/2015	02:55	2.2	ENE
21/03/2015	11:50	1.3	NNE	21/03/2015	19:25	0.9	NE	22/03/2015	03:00	2.7	E
21/03/2015	11:55	1.3	NNE	21/03/2015	19:30	1.3	NE	22/03/2015	03:05	3.1	ENE
21/03/2015	12:00	0.9	NE	21/03/2015	19:35	0.9	NE	22/03/2015	03:10	2.2	ENE
21/03/2015	12:05	1.3	NE	21/03/2015	19:40	0.4	ENE	22/03/2015	03:15	2.2	E
21/03/2015	12:10	1.8	NE	21/03/2015	19:45	0.4	NNE	22/03/2015	03:20	1.3	E
21/03/2015	12:15	1.8	NE	21/03/2015	19:50	0.4	NE	22/03/2015	03:25	1.8	ENE
21/03/2015	12:20	2.2	NE	21/03/2015	19:55	0.4	NE	22/03/2015	03:30	1.8	ENE
21/03/2015	12:25	1.8	NNE	21/03/2015	20:00	0.4	NE	22/03/2015	03:35	2.7	ENE
21/03/2015	12:30	1.8	NNE	21/03/2015	20:05	1.3	NE	22/03/2015	03:40	2.7	ENE

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

Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction
22/03/2015	03:45	2.2	ENE	22/03/2015	11:20	1.8	NE	22/03/2015	18:55	2.2	NE
22/03/2015	03:50	2.2	ENE	22/03/2015	11:25	2.2	NE	22/03/2015	19:00	2.7	NE
22/03/2015	03:55	2.2	ENE	22/03/2015	11:30	1.8	N	22/03/2015	19:05	2.7	NE
22/03/2015	04:00	1.8	NE	22/03/2015	11:35	1.8	NNE	22/03/2015	19:10	2.7	NE
22/03/2015	04:05	2.7	ENE	22/03/2015	11:40	2.7	NE	22/03/2015	19:15	2.2	NNE
22/03/2015	04:10	1.8	ENE	22/03/2015	11:45	2.7	ENE	22/03/2015	19:20	3.6	ENE
22/03/2015	04:15	2.7	ENE	22/03/2015	11:50	3.6	ENE	22/03/2015	19:25	2.2	NNE
22/03/2015	04:20	2.2	NE	22/03/2015	11:55	3.1	ENE	22/03/2015	19:30	2.2	NE
22/03/2015	04:25	1.3	ENE	22/03/2015	12:00	2.2	ENE	22/03/2015	19:35	3.1	NNE
22/03/2015	04:30	1.8	ENE	22/03/2015	12:05	1.3	NNE	22/03/2015	19:40	3.6	NE
22/03/2015	04:35	1.8	ENE	22/03/2015	12:10	1.3	NNE	22/03/2015	19:45	4	ENE
22/03/2015	04:40	2.7	ENE	22/03/2015	12:15	1.3	NNE	22/03/2015	19:50	4	ENE
22/03/2015	04:45	2.2	NE	22/03/2015	12:20	1.8	NE	22/03/2015	19:55	4	ENE
22/03/2015	04:50	2.2	ENE	22/03/2015	12:25	2.2	NNE	22/03/2015	20:00	5.8	ENE
22/03/2015	04:55	1.8	NE	22/03/2015	12:30	2.2	NE	22/03/2015	20:05	6.3	ENE
22/03/2015	05:00	0.9	NNE	22/03/2015	12:35	3.1	ENE	22/03/2015	20:10	5.8	ENE
22/03/2015	05:05	0.9	NE	22/03/2015	12:40	3.1	ENE	22/03/2015	20:15	7.2	E
22/03/2015	05:10	1.3	N	22/03/2015	12:45	2.7	ENE	22/03/2015	20:20	5.8	E
22/03/2015	05:15	1.3	NE	22/03/2015	12:50	4	ENE	22/03/2015	20:25	5.4	E
22/03/2015	05:20	1.3	NNE	22/03/2015	12:55	3.6	ENE	22/03/2015	20:30	6.7	E
22/03/2015	05:25	1.8	ENE	22/03/2015	13:00	4	ENE	22/03/2015	20:35	6.7	E
22/03/2015	05:30	2.7	ENE	22/03/2015	13:05	4	ENE	22/03/2015	20:40	6.3	E
22/03/2015	05:35	1.3	NE	22/03/2015	13:10	3.6	ENE	22/03/2015	20:45	6.7	E
22/03/2015	05:40	1.8	ENE	22/03/2015	13:15	2.7	NE	22/03/2015	20:50	6.7	E
22/03/2015	05:45	1.8	ENE	22/03/2015	13:20	3.6	ENE	22/03/2015	20:55	6.7	E
22/03/2015	05:50	1.8	NE	22/03/2015	13:25	4.5	ENE	22/03/2015	21:00	5.8	E
22/03/2015	05:55	1.8	NNE	22/03/2015	13:30	4	E	22/03/2015	21:05	5.8	ENE
22/03/2015	06:00	3.6	ENE	22/03/2015	13:35	3.1	ENE	22/03/2015	21:10	5.8	ENE
22/03/2015	06:05	3.1	ENE	22/03/2015	13:40	3.1	ENE	22/03/2015	21:15	4.9	ENE
22/03/2015	06:10	3.6	ENE	22/03/2015	13:45	3.1	ENE	22/03/2015	21:20	3.6	NE
22/03/2015	06:15	1.3	E	22/03/2015	13:50	2.7	NNE	22/03/2015	21:25	3.6	E
22/03/2015	06:20	2.7	ENE	22/03/2015	13:55	2.7	ENE	22/03/2015	21:30	3.6	NE
22/03/2015	06:25	2.2	ENE	22/03/2015	14:00	3.1	ENE	22/03/2015	21:35	3.6	NE
22/03/2015	06:30	1.3	NE	22/03/2015	14:05	2.7	NE	22/03/2015	21:40	4.5	NE
22/03/2015	06:35	1.8	NE	22/03/2015	14:10	3.6	ENE	22/03/2015	21:45	4.5	NE
22/03/2015	06:40	0.4	E	22/03/2015	14:15	2.7	ENE	22/03/2015	21:50	4	NE
22/03/2015	06:45	1.3	NE	22/03/2015	14:20	3.1	ENE	22/03/2015	21:55	3.6	ENE
22/03/2015	06:50	1.8	NE	22/03/2015	14:25	2.7	ENE	22/03/2015	22:00	3.6	E
22/03/2015	06:55	1.3	NE	22/03/2015	14:30	3.6	E	22/03/2015	22:05	4	NE
22/03/2015	07:00	1.3	NE	22/03/2015	14:35	4	ENE	22/03/2015	22:10	4.5	NE
22/03/2015	07:05	1.3	NE	22/03/2015	14:40	3.6	E	22/03/2015	22:15	4	ENE
22/03/2015	07:10	1.3	NE	22/03/2015	14:45	2.7	E	22/03/2015	22:20	4.9	ENE
22/03/2015	07:15	1.8	NE	22/03/2015	14:50	2.2	ENE	22/03/2015	22:25	4	NE
22/03/2015	07:20	1.3	NE	22/03/2015	14:55	3.6	ENE	22/03/2015	22:30	4	ENE
22/03/2015	07:25	1.3	NE	22/03/2015	15:00	4	ENE	22/03/2015	22:35	5.4	ENE
22/03/2015	07:30	1.3	N	22/03/2015	15:05	3.6	ENE	22/03/2015	22:40	5.8	E
22/03/2015	07:35	1.8	ENE	22/03/2015	15:10	2.7	ENE	22/03/2015	22:45	4.5	NE
22/03/2015	07:40	1.8	ENE	22/03/2015	15:15	3.6	ENE	22/03/2015	22:50	4.9	ENE
22/03/2015	07:45	1.3	NNE	22/03/2015	15:20	3.6	ENE	22/03/2015	22:55	4.9	NE
22/03/2015	07:50	1.8	ENE	22/03/2015	15:25	3.6	ENE	22/03/2015	23:00	4	ENE
22/03/2015	07:55	2.2	ENE	22/03/2015	15:30	3.1	ENE	22/03/2015	23:05	4.5	NE
22/03/2015	08:00	2.7	NE	22/03/2015	15:35	3.6	ENE	22/03/2015	23:10	4.5	E
22/03/2015	08:05	1.8	ENE	22/03/2015	15:40	3.6	ENE	22/03/2015	23:15	4.5	ENE
22/03/2015	08:10	2.2	NE	22/03/2015	15:45	4.9	ENE	22/03/2015	23:20	5.4	NE
22/03/2015	08:15	1.8	E	22/03/2015	15:50	4	ENE	22/03/2015	23:25	4.5	ENE
22/03/2015	08:20	4	ENE	22/03/2015	15:55	4.5	ENE	22/03/2015	23:30	4.9	ENE
22/03/2015	08:25	5.4	ENE	22/03/2015	16:00	4.5	ENE	22/03/2015	23:35	4.5	ENE
22/03/2015	08:30	4	ENE	22/03/2015	16:05	3.6	E	22/03/2015	23:40	4.5	ENE
22/03/2015	08:35	4	ENE	22/03/2015	16:10	3.6	ENE	22/03/2015	23:45	4	NE
22/03/2015	08:40	3.6	ENE	22/03/2015	16:15	2.7	ENE	22/03/2015	23:50	4	ENE
22/03/2015	08:45	3.1	ENE	22/03/2015	16:20	2.7	NE	22/03/2015	23:55	4.9	ENE
22/03/2015	08:50	5.4	ENE	22/03/2015	16:25	3.6	ENE	23/03/2015	00:00	4	ENE
22/03/2015	08:55	5.4	ENE	22/03/2015	16:30	3.1	ENE	23/03/2015	00:05	5.4	ENE
22/03/2015	09:00	4.9	ENE	22/03/2015	16:35	4.9	ENE	23/03/2015	00:10	5.4	ENE
22/03/2015	09:05	4.5	ENE	22/03/2015	16:40	4.9	ENE	23/03/2015	00:15	4.5	E
22/03/2015	09:10	4.5	ENE	22/03/2015	16:45	4.9	E	23/03/2015	00:20	4	ENE
22/03/2015	09:15	4.9	ENE	22/03/2015	16:50	4.9	E	23/03/2015	00:25	5.8	ENE
22/03/2015	09:20	4	ENE	22/03/2015	16:55	4.9	E	23/03/2015	00:30	5.4	ENE
22/03/2015	09:25	4.9	ENE	22/03/2015	17:00	4	E	23/03/2015	00:35	4.5	ENE
22/03/2015	09:30	5.4	E	22/03/2015	17:05	4	E	23/03/2015	00:40	5.4	ENE
22/03/2015	09:35	4.5	ENE	22/03/2015	17:10	4	ENE	23/03/2015	00:45	3.1	NE
22/03/2015	09:40	5.8	E	22/03/2015	17:15	3.1	ENE	23/03/2015	00:50	4	ENE
22/03/2015	09:45	4.9	ENE	22/03/2015	17:20	4.5	ENE	23/03/2015	00:55	3.1	NE
22/03/2015	09:50	5.4	ENE	22/03/2015	17:25	4	ENE	23/03/2015	01:00	4.5	ENE
22/03/2015	09:55	5.4	E	22/03/2015	17:30	3.6	ENE	23/03/2015	01:05	3.6	ENE
22/03/2015	10:00	4.5	ENE	22/03/2015	17:35	4	NE	23/03/2015	01:10	4.5	E
22/03/2015	10:05	4.5	E	22/03/2015	17:40	4	NE	23/03/2015	01:15	5.8	E
22/03/2015	10:10	4	ENE	22/03/2015	17:45	3.6	NE	23/03/2015	01:20	4.5	ENE
22/03/2015	10:15	3.1	ENE	22/03/2015	17:50	4	NE	23/03/2015	01:25	5.4	ENE
22/03/2015	10:20	2.7	NE	22/03/2015	17:55	3.1	NE	23/03/2015	01:30	5.4	ENE
22/03/2015	10:25	1.8	ENE	22/03/2015	18:00	3.1	NE	23/03/2015	01:35	5.4	NE
22/03/2015	10:30	1.8	NNE	22/03/2015	18:05	2.7	NE	23/03/2015	01:40	4.9	ENE
22/03/2015	10:35	3.1	NE	22/03/2015	18:10	2.2	ENE	23/03/2015	01:45	4.5	ENE
22/03/2015	10:40	1.8	NE	22/03/2015	18:15	2.7	ENE	23/03/2015	01:50	4.9	ENE
22/03/2015	10:45	1.8	NNE	22/03/2015	18:20	2.7	ENE	23/03/2015	01:55	3.6	E
22/03/2015	10:50	1.8	WNW	22/03/2015	18:25	3.1	ENE	23/03/2015	02:00	4	E
22/03/2015	10:55	2.7	ENE	22/03/2015	18:30	3.1	NE	23/03/2015	02:05	4.9	E
22/03/2015	11:00	2.7	NNE	22/03/2015	18:35	3.6	ENE	23/03/2015	02:10	5.4	ENE
22/03/2015	11:05	1.3	N	22/03/2015	18:40	3.1	E	23/03/2015	02:15	4.5	NE
22/03/2015	11:10	1.3	NNW	22/03/2015	18:45	2.2	ENE	23/03/2015	02:20	4.9	E
22/03/2015	11:15	1.8	NNE	22/03/2015	18:50	3.1	ENE	23/03/2015	02:25	5.4	ENE

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

Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction
23/03/2015	02:30	4.9	E	23/03/2015	10:05	4.5	ENE	23/03/2015	17:40	0.9	WSW
23/03/2015	02:35	4.9	ENE	23/03/2015	10:10	4.9	NE	23/03/2015	17:45	0.4	ENE
23/03/2015	02:40	4	E	23/03/2015	10:15	4	NE	23/03/2015	17:50	0.9	NE
23/03/2015	02:45	3.6	ENE	23/03/2015	10:20	4	ENE	23/03/2015	17:55	1.8	ENE
23/03/2015	02:50	4.9	E	23/03/2015	10:25	4	ENE	23/03/2015	18:00	1.8	E
23/03/2015	02:55	4	E	23/03/2015	10:30	4.9	ENE	23/03/2015	18:05	2.7	NE
23/03/2015	03:00	3.6	ENE	23/03/2015	10:35	5.4	E	23/03/2015	18:10	2.2	NE
23/03/2015	03:05	2.7	ENE	23/03/2015	10:40	4.5	ENE	23/03/2015	18:15	1.8	NE
23/03/2015	03:10	4.5	ENE	23/03/2015	10:45	4.9	ENE	23/03/2015	18:20	1.8	NE
23/03/2015	03:15	3.6	ENE	23/03/2015	10:50	3.6	ENE	23/03/2015	18:25	1.3	NE
23/03/2015	03:20	4	ENE	23/03/2015	10:55	4	ENE	23/03/2015	18:30	2.2	ENE
23/03/2015	03:25	3.6	E	23/03/2015	11:00	3.6	E	23/03/2015	18:35	0.4	ENE
23/03/2015	03:30	4	ENE	23/03/2015	11:05	4	ENE	23/03/2015	18:40	0.4	E
23/03/2015	03:35	4	E	23/03/2015	11:10	3.1	ENE	23/03/2015	18:45	0.4	ESE
23/03/2015	03:40	5.4	ENE	23/03/2015	11:15	3.1	E	23/03/2015	18:50	0.4	ESE
23/03/2015	03:45	6.3	ENE	23/03/2015	11:20	2.2	E	23/03/2015	18:55	0.4	ESE
23/03/2015	03:50	4.9	ENE	23/03/2015	11:25	3.6	E	23/03/2015	19:00	0.4	NE
23/03/2015	03:55	4.9	ENE	23/03/2015	11:30	3.1	E	23/03/2015	19:05	0.9	ENE
23/03/2015	04:00	4.5	ENE	23/03/2015	11:35	2.7	E	23/03/2015	19:10	2.2	ENE
23/03/2015	04:05	3.1	ENE	23/03/2015	11:40	2.7	E	23/03/2015	19:15	1.3	E
23/03/2015	04:10	3.6	ENE	23/03/2015	11:45	1.8	E	23/03/2015	19:20	0.4	SW
23/03/2015	04:15	4	E	23/03/2015	11:50	2.2	E	23/03/2015	19:25	0.4	SW
23/03/2015	04:20	4.5	NE	23/03/2015	11:55	2.2	E	23/03/2015	19:30	0.4	N
23/03/2015	04:25	4.5	NE	23/03/2015	12:00	2.2	NE	23/03/2015	19:35	1.8	N
23/03/2015	04:30	3.6	E	23/03/2015	12:05	2.2	NE	23/03/2015	19:40	2.2	NE
23/03/2015	04:35	4	E	23/03/2015	12:10	2.7	NE	23/03/2015	19:45	0.9	NE
23/03/2015	04:40	4.9	NE	23/03/2015	12:15	3.1	NE	23/03/2015	19:50	2.7	NE
23/03/2015	04:45	4.9	ENE	23/03/2015	12:20	2.7	NE	23/03/2015	19:55	2.2	NE
23/03/2015	04:50	4.5	ENE	23/03/2015	12:25	2.7	NE	23/03/2015	20:00	2.2	ENE
23/03/2015	04:55	3.1	ENE	23/03/2015	12:30	2.7	NE	23/03/2015	20:05	1.3	E
23/03/2015	05:00	4.5	ENE	23/03/2015	12:35	3.1	NE	23/03/2015	20:10	1.3	E
23/03/2015	05:05	4.5	NE	23/03/2015	12:40	2.7	NE	23/03/2015	20:15	1.3	E
23/03/2015	05:10	4.9	NE	23/03/2015	12:45	2.7	NE	23/03/2015	20:20	1.3	E
23/03/2015	05:15	4.9	NE	23/03/2015	12:50	2.2	NNE	23/03/2015	20:25	1.3	E
23/03/2015	05:20	3.6	E	23/03/2015	12:55	2.2	NNE	23/03/2015	20:30	1.3	WSW
23/03/2015	05:25	5.8	E	23/03/2015	13:00	2.2	NNE	23/03/2015	20:35	1.8	WSW
23/03/2015	05:30	4.9	E	23/03/2015	13:05	2.2	N	23/03/2015	20:40	1.3	WSW
23/03/2015	05:35	4.5	ENE	23/03/2015	13:10	2.2	N	23/03/2015	20:45	0.9	WSW
23/03/2015	05:40	5.4	E	23/03/2015	13:15	2.2	NNE	23/03/2015	20:50	0.9	SW
23/03/2015	05:45	6.7	E	23/03/2015	13:20	2.7	NNE	23/03/2015	20:55	1.8	ENE
23/03/2015	05:50	6.3	E	23/03/2015	13:25	1.8	NNE	23/03/2015	21:00	0.9	E
23/03/2015	05:55	4.9	E	23/03/2015	13:30	2.2	NNE	23/03/2015	21:05	0.9	E
23/03/2015	06:00	4.5	ENE	23/03/2015	13:35	2.2	NNE	23/03/2015	21:10	0.4	E
23/03/2015	06:05	4.9	ENE	23/03/2015	13:40	2.2	NNE	23/03/2015	21:15	0.4	E
23/03/2015	06:10	6.3	E	23/03/2015	13:45	2.2	NNE	23/03/2015	21:20	0.4	E
23/03/2015	06:15	6.3	ENE	23/03/2015	13:50	1.8	NE	23/03/2015	21:25	0.4	E
23/03/2015	06:20	6.3	E	23/03/2015	13:55	1.8	NNE	23/03/2015	21:30	0.4	ENE
23/03/2015	06:25	5.4	ENE	23/03/2015	14:00	1.3	NE	23/03/2015	21:35	0.4	SW
23/03/2015	06:30	6.3	ENE	23/03/2015	14:05	1.3	NE	23/03/2015	21:40	0.9	WSW
23/03/2015	06:35	4.9	E	23/03/2015	14:10	2.2	W	23/03/2015	21:45	1.3	WSW
23/03/2015	06:40	4.9	E	23/03/2015	14:15	1.3	WNW	23/03/2015	21:50	1.3	WSW
23/03/2015	06:45	4	E	23/03/2015	14:20	0.9	WNW	23/03/2015	21:55	0.4	W
23/03/2015	06:50	4.5	E	23/03/2015	14:25	0.9	NW	23/03/2015	22:00	1.8	N
23/03/2015	06:55	4.9	E	23/03/2015	14:30	0.9	NNW	23/03/2015	22:05	3.1	NE
23/03/2015	07:00	5.4	E	23/03/2015	14:35	0.9	NW	23/03/2015	22:10	3.1	NE
23/03/2015	07:05	4.9	E	23/03/2015	14:40	0.9	NW	23/03/2015	22:15	4	NE
23/03/2015	07:10	6.3	E	23/03/2015	14:45	1.8	NNE	23/03/2015	22:20	4	NE
23/03/2015	07:15	6.3	E	23/03/2015	14:50	2.2	NE	23/03/2015	22:25	3.1	ENE
23/03/2015	07:20	4.9	E	23/03/2015	14:55	3.1	NE	23/03/2015	22:30	2.7	ENE
23/03/2015	07:25	4.9	ENE	23/03/2015	15:00	2.7	NE	23/03/2015	22:35	2.2	E
23/03/2015	07:30	4	E	23/03/2015	15:05	2.2	NE	23/03/2015	22:40	3.1	E
23/03/2015	07:35	4.9	E	23/03/2015	15:10	1.8	NNE	23/03/2015	22:45	1.8	E
23/03/2015	07:40	4	ENE	23/03/2015	15:15	1.8	W	23/03/2015	22:50	1.8	E
23/03/2015	07:45	4.9	ENE	23/03/2015	15:20	3.1	W	23/03/2015	22:55	1.3	E
23/03/2015	07:50	5.4	ENE	23/03/2015	15:25	2.7	WSW	23/03/2015	23:00	1.8	ENE
23/03/2015	07:55	7.2	E	23/03/2015	15:30	2.2	W	23/03/2015	23:05	2.2	E
23/03/2015	08:00	5.4	ENE	23/03/2015	15:35	2.2	W	23/03/2015	23:10	1.3	ENE
23/03/2015	08:05	4	ENE	23/03/2015	15:40	2.2	WSW	23/03/2015	23:15	2.2	E
23/03/2015	08:10	4.5	ENE	23/03/2015	15:45	2.7	WSW	23/03/2015	23:20	2.2	ENE
23/03/2015	08:15	4.9	ENE	23/03/2015	15:50	1.8	W	23/03/2015	23:25	2.7	ENE
23/03/2015	08:20	4.9	ENE	23/03/2015	15:55	0.4	WNW	23/03/2015	23:30	2.7	ENE
23/03/2015	08:25	3.6	ENE	23/03/2015	16:00	0.4	WNW	23/03/2015	23:35	3.1	ENE
23/03/2015	08:30	3.6	E	23/03/2015	16:05	0.4	NW	23/03/2015	23:40	2.2	NE
23/03/2015	08:35	4.5	ENE	23/03/2015	16:10	1.3	NNE	23/03/2015	23:45	3.1	ENE
23/03/2015	08:40	4.9	ENE	23/03/2015	16:15	1.3	N	23/03/2015	23:50	2.2	ENE
23/03/2015	08:45	4.5	ENE	23/03/2015	16:20	1.3	WNW	23/03/2015	23:55	1.8	ENE
23/03/2015	08:50	4.5	ENE	23/03/2015	16:25	1.3	W	24/03/2015	00:00	2.7	ENE
23/03/2015	08:55	4	NE	23/03/2015	16:30	1.8	W	24/03/2015	00:05	3.1	E
23/03/2015	09:00	3.1	ENE	23/03/2015	16:35	1.3	WNW	24/03/2015	00:10	3.1	ENE
23/03/2015	09:05	5.4	ENE	23/03/2015	16:40	1.3	WNW	24/03/2015	00:15	1.8	ENE
23/03/2015	09:10	5.8	E	23/03/2015	16:45	1.3	WNW	24/03/2015	00:20	0.4	NE
23/03/2015	09:15	4.5	ENE	23/03/2015	16:50	0.4	WNW	24/03/2015	00:25	0.4	NE
23/03/2015	09:20	4.5	ENE	23/03/2015	16:55	0.4	NNW	24/03/2015	00:30	0.9	ENE
23/03/2015	09:25	4.9	ENE	23/03/2015	17:00	0.4	WNW	24/03/2015	00:35	2.7	ENE
23/03/2015	09:30	5.8	ENE	23/03/2015	17:05	0.9	W	24/03/2015	00:40	0.9	E
23/03/2015	09:35	4.9	ENE	23/03/2015	17:10	0.9	WSW	24/03/2015	00:45	0.4	ENE
23/03/2015	09:40	4	ENE	23/03/2015	17:15	0.9	SW	24/03/2015	00:50	1.3	ENE
23/03/2015	09:45	3.6	E	23/03/2015	17:20	0.9	SW	24/03/2015	00:55	0.9	NE
23/03/2015	09:50	4.5	E	23/03/2015	17:25	1.3	WSW	24/03/2015	01:00	1.3	ENE
23/03/2015	09:55	4.5	ENE	23/03/2015	17:30	1.8	WSW	24/03/2015	01:05	0.4	ENE
23/03/2015	10:00	4	ENE	23/03/2015	17:35	1.3	WSW	24/03/2015	01:10	1.3	ENE

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

Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction
24/03/2015	01:15	1.3	ENE	24/03/2015	08:50	2.7	E	24/03/2015	16:25	1.8	NNE
24/03/2015	01:20	1.8	ENE	24/03/2015	08:55	2.2	ENE	24/03/2015	16:30	2.2	NNE
24/03/2015	01:25	0.9	ENE	24/03/2015	09:00	3.6	ENE	24/03/2015	16:35	1.8	NNE
24/03/2015	01:30	1.8	S	24/03/2015	09:05	4	E	24/03/2015	16:40	2.2	ENE
24/03/2015	01:35	0.9	E	24/03/2015	09:10	2.7	E	24/03/2015	16:45	1.8	ENE
24/03/2015	01:40	1.3	ENE	24/03/2015	09:15	2.2	ENE	24/03/2015	16:50	2.2	ENE
24/03/2015	01:45	0.4	NE	24/03/2015	09:20	1.8	E	24/03/2015	16:55	2.2	ENE
24/03/2015	01:50	0.4	NE	24/03/2015	09:25	1.3	NE	24/03/2015	17:00	3.1	ENE
24/03/2015	01:55	0.9	E	24/03/2015	09:30	2.2	ENE	24/03/2015	17:05	3.1	ENE
24/03/2015	02:00	0.9	W	24/03/2015	09:35	1.8	E	24/03/2015	17:10	3.6	E
24/03/2015	02:05	0.4	WSW	24/03/2015	09:40	2.2	ESE	24/03/2015	17:15	3.1	ENE
24/03/2015	02:10	0.4	SW	24/03/2015	09:45	1.8	ENE	24/03/2015	17:20	2.2	ENE
24/03/2015	02:15	0.4	ESE	24/03/2015	09:50	4	ENE	24/03/2015	17:25	3.1	ENE
24/03/2015	02:20	0.4	SSW	24/03/2015	09:55	2.7	NE	24/03/2015	17:30	3.1	ENE
24/03/2015	02:25	0.4	ENE	24/03/2015	10:00	3.1	ENE	24/03/2015	17:35	3.1	ENE
24/03/2015	02:30	0.4	ENE	24/03/2015	10:05	2.7	E	24/03/2015	17:40	4	ENE
24/03/2015	02:35	0.4	ENE	24/03/2015	10:10	2.7	E	24/03/2015	17:45	3.6	ENE
24/03/2015	02:40	0.4	SE	24/03/2015	10:15	3.1	ENE	24/03/2015	17:50	4.5	E
24/03/2015	02:45	1.3	ENE	24/03/2015	10:20	3.1	ENE	24/03/2015	17:55	3.6	E
24/03/2015	02:50	1.3	ENE	24/03/2015	10:25	2.2	NE	24/03/2015	18:00	4.5	E
24/03/2015	02:55	1.8	ENE	24/03/2015	10:30	2.7	ENE	24/03/2015	18:05	4	E
24/03/2015	03:00	0.9	E	24/03/2015	10:35	3.1	ENE	24/03/2015	18:10	4.5	E
24/03/2015	03:05	0.9	E	24/03/2015	10:40	2.2	NE	24/03/2015	18:15	4	E
24/03/2015	03:10	0.4	E	24/03/2015	10:45	1.8	ENE	24/03/2015	18:20	4	E
24/03/2015	03:15	0.9	NE	24/03/2015	10:50	2.7	E	24/03/2015	18:25	4	ENE
24/03/2015	03:20	2.7	ESE	24/03/2015	10:55	2.2	E	24/03/2015	18:30	2.7	ENE
24/03/2015	03:25	2.2	ENE	24/03/2015	11:00	2.7	ENE	24/03/2015	18:35	2.7	ENE
24/03/2015	03:30	1.8	E	24/03/2015	11:05	2.2	ENE	24/03/2015	18:40	1.8	ENE
24/03/2015	03:35	0.9	ENE	24/03/2015	11:10	2.2	E	24/03/2015	18:45	2.2	NE
24/03/2015	03:40	1.3	E	24/03/2015	11:15	2.7	E	24/03/2015	18:50	1.8	NNE
24/03/2015	03:45	0.9	ENE	24/03/2015	11:20	2.2	E	24/03/2015	18:55	2.7	ENE
24/03/2015	03:50	1.3	E	24/03/2015	11:25	2.7	E	24/03/2015	19:00	1.3	NNE
24/03/2015	03:55	1.3	ENE	24/03/2015	11:30	3.1	E	24/03/2015	19:05	3.6	NE
24/03/2015	04:00	1.3	ENE	24/03/2015	11:35	2.7	ESE	24/03/2015	19:10	2.7	ENE
24/03/2015	04:05	0.9	NE	24/03/2015	11:40	3.6	E	24/03/2015	19:15	2.2	ENE
24/03/2015	04:10	1.8	NE	24/03/2015	11:45	2.7	ENE	24/03/2015	19:20	3.1	ENE
24/03/2015	04:15	1.3	SE	24/03/2015	11:50	2.2	E	24/03/2015	19:25	3.1	ENE
24/03/2015	04:20	1.3	ENE	24/03/2015	11:55	2.7	N	24/03/2015	19:30	3.1	ENE
24/03/2015	04:25	1.3	NE	24/03/2015	12:00	3.6	NE	24/03/2015	19:35	3.1	ENE
24/03/2015	04:30	2.2	ENE	24/03/2015	12:05	3.1	NE	24/03/2015	19:40	4.5	ENE
24/03/2015	04:35	2.7	ENE	24/03/2015	12:10	3.6	NE	24/03/2015	19:45	3.6	E
24/03/2015	04:40	1.8	E	24/03/2015	12:15	1.8	N	24/03/2015	19:50	4	ENE
24/03/2015	04:45	1.3	ENE	24/03/2015	12:20	2.7	ENE	24/03/2015	19:55	2.7	ENE
24/03/2015	04:50	1.3	E	24/03/2015	12:25	2.7	ENE	24/03/2015	20:00	2.7	ENE
24/03/2015	04:55	1.3	E	24/03/2015	12:30	1.3	SSE	24/03/2015	20:05	3.1	ENE
24/03/2015	05:00	0.9	ENE	24/03/2015	12:35	3.6	E	24/03/2015	20:10	4.5	ENE
24/03/2015	05:05	1.3	SE	24/03/2015	12:40	3.1	NE	24/03/2015	20:15	3.1	ENE
24/03/2015	05:10	0.4	ENE	24/03/2015	12:45	2.2	NE	24/03/2015	20:20	3.6	ENE
24/03/2015	05:15	1.3	E	24/03/2015	12:50	2.7	NE	24/03/2015	20:25	3.1	ENE
24/03/2015	05:20	1.3	SE	24/03/2015	12:55	3.1	NE	24/03/2015	20:30	3.1	ENE
24/03/2015	05:25	1.3	ENE	24/03/2015	13:00	1.8	N	24/03/2015	20:35	2.2	NE
24/03/2015	05:30	0.9	ENE	24/03/2015	13:05	2.2	ESE	24/03/2015	20:40	3.1	E
24/03/2015	05:35	1.3	SSW	24/03/2015	13:10	3.1	ENE	24/03/2015	20:45	2.2	ENE
24/03/2015	05:40	1.3	S	24/03/2015	13:15	1.8	ENE	24/03/2015	20:50	2.7	ENE
24/03/2015	05:45	1.3	SSW	24/03/2015	13:20	0.9	NE	24/03/2015	20:55	3.6	E
24/03/2015	05:50	1.3	SSW	24/03/2015	13:25	3.1	E	24/03/2015	21:00	4	ENE
24/03/2015	05:55	0.4	WSW	24/03/2015	13:30	2.2	E	24/03/2015	21:05	4.5	ENE
24/03/2015	06:00	1.3	E	24/03/2015	13:35	0.9	ENE	24/03/2015	21:10	4.5	ENE
24/03/2015	06:05	1.8	E	24/03/2015	13:40	2.2	ENE	24/03/2015	21:15	5.8	E
24/03/2015	06:10	1.3	E	24/03/2015	13:45	2.7	ENE	24/03/2015	21:20	5.8	ENE
24/03/2015	06:15	0.9	E	24/03/2015	13:50	2.2	ENE	24/03/2015	21:25	5.8	E
24/03/2015	06:20	1.8	E	24/03/2015	13:55	2.7	E	24/03/2015	21:30	3.6	ENE
24/03/2015	06:25	1.3	ENE	24/03/2015	14:00	3.1	E	24/03/2015	21:35	4.9	ENE
24/03/2015	06:30	1.8	ENE	24/03/2015	14:05	1.8	NE	24/03/2015	21:40	6.3	ENE
24/03/2015	06:35	2.2	ENE	24/03/2015	14:10	2.7	ENE	24/03/2015	21:45	4	E
24/03/2015	06:40	1.3	E	24/03/2015	14:15	3.1	ENE	24/03/2015	21:50	4	ENE
24/03/2015	06:45	0.4	ENE	24/03/2015	14:20	1.8	N	24/03/2015	21:55	5.4	ENE
24/03/2015	06:50	1.3	ENE	24/03/2015	14:25	1.3	NNE	24/03/2015	22:00	3.6	E
24/03/2015	06:55	1.3	ENE	24/03/2015	14:30	2.2	NNE	24/03/2015	22:05	3.1	E
24/03/2015	07:00	2.2	E	24/03/2015	14:35	1.8	ENE	24/03/2015	22:10	4.9	ENE
24/03/2015	07:05	2.2	E	24/03/2015	14:40	1.3	NNE	24/03/2015	22:15	4.9	ENE
24/03/2015	07:10	3.1	E	24/03/2015	14:45	1.8	NE	24/03/2015	22:20	5.8	ENE
24/03/2015	07:15	2.7	ENE	24/03/2015	14:50	2.7	NE	24/03/2015	22:25	6.3	ENE
24/03/2015	07:20	2.2	E	24/03/2015	14:55	2.2	N	24/03/2015	22:30	4.9	ENE
24/03/2015	07:25	3.1	ENE	24/03/2015	15:00	3.1	NE	24/03/2015	22:35	5.4	ENE
24/03/2015	07:30	2.7	E	24/03/2015	15:05	2.2	NNE	24/03/2015	22:40	5.4	ENE
24/03/2015	07:35	1.8	ENE	24/03/2015	15:10	1.3	NNE	24/03/2015	22:45	5.4	E
24/03/2015	07:40	2.7	ENE	24/03/2015	15:15	2.2	NE	24/03/2015	22:50	4.9	E
24/03/2015	07:45	2.7	ENE	24/03/2015	15:20	2.2	NE	24/03/2015	22:55	4.9	ENE
24/03/2015	07:50	1.3	E	24/03/2015	15:25	1.8	NE	24/03/2015	23:00	3.1	E
24/03/2015	07:55	2.7	E	24/03/2015	15:30	2.7	NE	24/03/2015	23:05	3.1	NE
24/03/2015	08:00	1.8	ESE	24/03/2015	15:35	3.1	NE	24/03/2015	23:10	4.5	ENE
24/03/2015	08:05	1.8	ENE	24/03/2015	15:40	2.7	NE	24/03/2015	23:15	4.9	E
24/03/2015	08:10	1.3	E	24/03/2015	15:45	2.7	ENE	24/03/2015	23:20	4	ENE
24/03/2015	08:15	2.7	E	24/03/2015	15:50	2.2	NE	24/03/2015	23:25	4	ENE
24/03/2015	08:20	2.2	ENE	24/03/2015	15:55	1.8	NNE	24/03/2015	23:30	4.5	ENE
24/03/2015	08:25	3.1	ENE	24/03/2015	16:00	2.2	NE	24/03/2015	23:35	4	ENE
24/03/2015	08:30	2.7	ENE	24/03/2015	16:05	2.2	NE	24/03/2015	23:40	2.7	ENE
24/03/2015	08:35	2.7	E	24/03/2015	16:10	2.2	NE	24/03/2015	23:45	4.9	E
24/03/2015	08:40	2.2	ENE	24/03/2015	16:15	1.8	ENE	24/03/2015	23:50	4	ENE
24/03/2015	08:45	1.8	E	24/03/2015	16:20	1.8	NNE	24/03/2015	23:55	4	ENE

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

Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction
25/03/2015	00:00	4.5	ENE	25/03/2015	07:35	0.9	ENE	25/03/2015	15:10	1.3	NNE
25/03/2015	00:05	4.5	ENE	25/03/2015	07:40	1.8	E	25/03/2015	15:15	1.8	NE
25/03/2015	00:10	6.3	E	25/03/2015	07:45	2.2	ENE	25/03/2015	15:20	1.8	NE
25/03/2015	00:15	4.5	ENE	25/03/2015	07:50	0.9	E	25/03/2015	15:25	2.2	NE
25/03/2015	00:20	5.8	ENE	25/03/2015	07:55	0.9	E	25/03/2015	15:30	1.3	NE
25/03/2015	00:25	5.4	E	25/03/2015	08:00	1.3	ENE	25/03/2015	15:35	0.9	NE
25/03/2015	00:30	5.8	ENE	25/03/2015	08:05	1.8	E	25/03/2015	15:40	1.3	NE
25/03/2015	00:35	3.6	ENE	25/03/2015	08:10	2.2	E	25/03/2015	15:45	0.4	NNE
25/03/2015	00:40	3.6	ENE	25/03/2015	08:15	1.3	NE	25/03/2015	15:50	0.4	ENE
25/03/2015	00:45	4.5	E	25/03/2015	08:20	0.9	ENE	25/03/2015	15:55	0.9	NE
25/03/2015	00:50	4	NE	25/03/2015	08:25	1.8	ENE	25/03/2015	16:00	0.9	NE
25/03/2015	00:55	2.2	ENE	25/03/2015	08:30	1.8	NE	25/03/2015	16:05	1.3	NE
25/03/2015	01:00	3.1	ENE	25/03/2015	08:35	1.8	ENE	25/03/2015	16:10	0.4	ESE
25/03/2015	01:05	2.7	ENE	25/03/2015	08:40	1.3	ENE	25/03/2015	16:15	0.9	ENE
25/03/2015	01:10	3.6	ENE	25/03/2015	08:45	1.3	NNE	25/03/2015	16:20	1.3	ENE
25/03/2015	01:15	2.7	NE	25/03/2015	08:50	0.9	E	25/03/2015	16:25	0.4	ENE
25/03/2015	01:20	4	ENE	25/03/2015	08:55	2.2	ENE	25/03/2015	16:30	0.4	ENE
25/03/2015	01:25	2.2	ENE	25/03/2015	09:00	2.2	ENE	25/03/2015	16:35	0.9	NE
25/03/2015	01:30	3.6	ENE	25/03/2015	09:05	1.3	E	25/03/2015	16:40	0.4	NE
25/03/2015	01:35	4.5	ENE	25/03/2015	09:10	1.3	ENE	25/03/2015	16:45	0.9	E
25/03/2015	01:40	3.6	ENE	25/03/2015	09:15	0.4	ENE	25/03/2015	16:50	1.3	ENE
25/03/2015	01:45	4.5	ENE	25/03/2015	09:20	2.7	E	25/03/2015	16:55	0.9	E
25/03/2015	01:50	4	NE	25/03/2015	09:25	2.2	E	25/03/2015	17:00	0.9	ENE
25/03/2015	01:55	4.5	ENE	25/03/2015	09:30	1.3	E	25/03/2015	17:05	0.4	ENE
25/03/2015	02:00	3.6	NE	25/03/2015	09:35	1.3	ENE	25/03/2015	17:10	0.4	E
25/03/2015	02:05	3.6	NE	25/03/2015	09:40	2.2	ENE	25/03/2015	17:15	0.4	ENE
25/03/2015	02:10	4.5	NE	25/03/2015	09:45	0.9	ENE	25/03/2015	17:20	0.4	ENE
25/03/2015	02:15	4.9	ENE	25/03/2015	09:50	1.3	ENE	25/03/2015	17:25	0.4	NE
25/03/2015	02:20	4.5	NE	25/03/2015	09:55	0.9	ESE	25/03/2015	17:30	0.4	ENE
25/03/2015	02:25	4	E	25/03/2015	10:00	0.4	E	25/03/2015	17:35	0.4	ENE
25/03/2015	02:30	4	NE	25/03/2015	10:05	0.4	NE	25/03/2015	17:40	0.9	ENE
25/03/2015	02:35	4	NE	25/03/2015	10:10	2.2	ENE	25/03/2015	17:45	2.2	ENE
25/03/2015	02:40	4.5	ENE	25/03/2015	10:15	1.8	ESE	25/03/2015	17:50	1.3	S
25/03/2015	02:45	4	ENE	25/03/2015	10:20	1.8	E	25/03/2015	17:55	1.3	ENE
25/03/2015	02:50	4	ENE	25/03/2015	10:25	2.7	E	25/03/2015	18:00	0.9	ENE
25/03/2015	02:55	2.7	ENE	25/03/2015	10:30	1.8	ENE	25/03/2015	18:05	0.9	NE
25/03/2015	03:00	1.3	E	25/03/2015	10:35	1.3	ENE	25/03/2015	18:10	0.9	ENE
25/03/2015	03:05	2.2	E	25/03/2015	10:40	1.8	E	25/03/2015	18:15	0.4	NE
25/03/2015	03:10	3.1	E	25/03/2015	10:45	1.3	E	25/03/2015	18:20	0.9	NE
25/03/2015	03:15	2.2	ENE	25/03/2015	10:50	1.8	NE	25/03/2015	18:25	0.9	SSW
25/03/2015	03:20	1.3	ENE	25/03/2015	10:55	1.3	E	25/03/2015	18:30	1.3	S
25/03/2015	03:25	2.2	E	25/03/2015	11:00	1.3	ENE	25/03/2015	18:35	0.4	WSW
25/03/2015	03:30	2.2	ENE	25/03/2015	11:05	0.4	NE	25/03/2015	18:40	0.9	WSW
25/03/2015	03:35	2.7	E	25/03/2015	11:10	0.9	E	25/03/2015	18:45	1.3	W
25/03/2015	03:40	1.8	ENE	25/03/2015	11:15	0.4	NE	25/03/2015	18:50	0.9	ENE
25/03/2015	03:45	0.9	ENE	25/03/2015	11:20	0.4	ENE	25/03/2015	18:55	0.4	ENE
25/03/2015	03:50	1.3	ENE	25/03/2015	11:25	0.4	ENE	25/03/2015	19:00	0.4	ENE
25/03/2015	03:55	1.8	ENE	25/03/2015	11:30	0.4	ENE	25/03/2015	19:05	1.3	E
25/03/2015	04:00	1.3	ENE	25/03/2015	11:35	0.4	E	25/03/2015	19:10	0.4	E
25/03/2015	04:05	0.9	ENE	25/03/2015	11:40	0.9	E	25/03/2015	19:15	0.9	ENE
25/03/2015	04:10	1.3	ENE	25/03/2015	11:45	0.9	E	25/03/2015	19:20	1.3	E
25/03/2015	04:15	1.3	ENE	25/03/2015	11:50	0.9	SE	25/03/2015	19:25	1.3	E
25/03/2015	04:20	1.8	ENE	25/03/2015	11:55	0.9	ENE	25/03/2015	19:30	0.9	E
25/03/2015	04:25	3.1	ENE	25/03/2015	12:00	3.1	E	25/03/2015	19:35	1.3	S
25/03/2015	04:30	2.7	ENE	25/03/2015	12:05	2.2	E	25/03/2015	19:40	1.3	ENE
25/03/2015	04:35	1.8	ENE	25/03/2015	12:10	0.4	E	25/03/2015	19:45	0.9	E
25/03/2015	04:40	2.7	ENE	25/03/2015	12:15	1.3	SW	25/03/2015	19:50	1.3	ENE
25/03/2015	04:45	1.8	ENE	25/03/2015	12:20	0.9	SW	25/03/2015	19:55	0.4	E
25/03/2015	04:50	2.2	NE	25/03/2015	12:25	1.3	SW	25/03/2015	20:00	0.4	WSW
25/03/2015	04:55	1.8	NE	25/03/2015	12:30	1.3	SW	25/03/2015	20:05	0.4	E
25/03/2015	05:00	1.8	NE	25/03/2015	12:35	0.4	SW	25/03/2015	20:10	0.9	ENE
25/03/2015	05:05	1.3	E	25/03/2015	12:40	1.3	S	25/03/2015	20:15	0.4	E
25/03/2015	05:10	0.9	E	25/03/2015	12:45	1.3	S	25/03/2015	20:20	0.4	NE
25/03/2015	05:15	0.9	ENE	25/03/2015	12:50	1.3	SW	25/03/2015	20:25	1.8	E
25/03/2015	05:20	0.4	E	25/03/2015	12:55	0.9	SW	25/03/2015	20:30	1.8	E
25/03/2015	05:25	0.9	E	25/03/2015	13:00	1.3	SW	25/03/2015	20:35	0.9	E
25/03/2015	05:30	2.7	ENE	25/03/2015	13:05	1.3	SW	25/03/2015	20:40	0.9	WSW
25/03/2015	05:35	1.8	ENE	25/03/2015	13:10	0.4	SW	25/03/2015	20:45	1.3	W
25/03/2015	05:40	0.9	ENE	25/03/2015	13:15	0.9	SSW	25/03/2015	20:50	0.4	ENE
25/03/2015	05:45	0.9	ENE	25/03/2015	13:20	0.9	SSW	25/03/2015	20:55	0.9	ESE
25/03/2015	05:50	0.9	ENE	25/03/2015	13:25	0.4	S	25/03/2015	21:00	1.3	NE
25/03/2015	05:55	0.9	NE	25/03/2015	13:30	0.4	S	25/03/2015	21:05	1.3	N
25/03/2015	06:00	1.8	NE	25/03/2015	13:35	0.4	NE	25/03/2015	21:10	2.2	E
25/03/2015	06:05	1.8	ENE	25/03/2015	13:40	1.3	NE	25/03/2015	21:15	0.9	NE
25/03/2015	06:10	1.3	NE	25/03/2015	13:45	0.9	NNE	25/03/2015	21:20	0.4	NE
25/03/2015	06:15	0.4	ENE	25/03/2015	13:50	0.9	NE	25/03/2015	21:25	1.8	NE
25/03/2015	06:20	1.3	E	25/03/2015	13:55	0.9	N	25/03/2015	21:30	0.4	NW
25/03/2015	06:25	2.2	E	25/03/2015	14:00	1.3	NE	25/03/2015	21:35	1.8	ENE
25/03/2015	06:30	1.8	E	25/03/2015	14:05	0.9	NE	25/03/2015	21:40	1.8	E
25/03/2015	06:35	2.2	E	25/03/2015	14:10	1.3	NE	25/03/2015	21:45	3.1	ENE
25/03/2015	06:40	1.8	E	25/03/2015	14:15	0.4	NNE	25/03/2015	21:50	1.3	ENE
25/03/2015	06:45	2.2	ENE	25/03/2015	14:20	0.4	ENE	25/03/2015	21:55	2.2	ENE
25/03/2015	06:50	1.8	ENE	25/03/2015	14:25	0.9	NE	25/03/2015	22:00	2.7	ENE
25/03/2015	06:55	0.4	E	25/03/2015	14:30	0.9	NE	25/03/2015	22:05	2.7	E
25/03/2015	07:00	0.4	WNW	25/03/2015	14:35	1.3	NE	25/03/2015	22:10	2.7	E
25/03/2015	07:05	0.9	W	25/03/2015	14:40	0.4	NE	25/03/2015	22:15	1.8	ENE
25/03/2015	07:10	0.9	W	25/03/2015	14:45	0.4	NE	25/03/2015	22:20	1.8	ENE
25/03/2015	07:15	0.9	ENE	25/03/2015	14:50	1.3	NNE	25/03/2015	22:25	1.8	ESE
25/03/2015	07:20	2.2	NE	25/03/2015	14:55	1.3	NE	25/03/2015	22:30	1.8	E
25/03/2015	07:25	1.8	ENE	25/03/2015	15:00	1.3	NNE	25/03/2015	22:35	1.8	E
25/03/2015	07:30	1.8	ENE	25/03/2015	15:05	0.4	NNE	25/03/2015	22:40	2.2	ENE

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

Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction
25/03/2015	22:45	3.1	E	26/03/2015	06:20	1.8	ENE	26/03/2015	13:55	0.9	NNE
25/03/2015	22:50	2.2	ENE	26/03/2015	06:25	1.3	E	26/03/2015	14:00	0.9	NNE
25/03/2015	22:55	2.7	E	26/03/2015	06:30	1.3	ENE	26/03/2015	14:05	0.9	NNE
25/03/2015	23:00	2.7	ENE	26/03/2015	06:35	1.3	ENE	26/03/2015	14:10	0.9	NNE
25/03/2015	23:05	2.2	E	26/03/2015	06:40	0.4	ENE	26/03/2015	14:15	0.9	N
25/03/2015	23:10	3.1	E	26/03/2015	06:45	0.9	ENE	26/03/2015	14:20	0.9	N
25/03/2015	23:15	1.8	ENE	26/03/2015	06:50	0.4	ENE	26/03/2015	14:25	0.9	NNE
25/03/2015	23:20	1.3	ENE	26/03/2015	06:55	0.9	ENE	26/03/2015	14:30	1.3	NNE
25/03/2015	23:25	0.9	ENE	26/03/2015	07:00	0.9	ENE	26/03/2015	14:35	1.3	NE
25/03/2015	23:30	1.8	E	26/03/2015	07:05	0.9	E	26/03/2015	14:40	1.3	NE
25/03/2015	23:35	1.3	ESE	26/03/2015	07:10	0.9	ESE	26/03/2015	14:45	1.3	NE
25/03/2015	23:40	0.9	ENE	26/03/2015	07:15	0.4	ENE	26/03/2015	14:50	0.9	NE
25/03/2015	23:45	0.4	ENE	26/03/2015	07:20	0.9	ENE	26/03/2015	14:55	0.9	NE
25/03/2015	23:50	0.9	ENE	26/03/2015	07:25	0.4	ENE	26/03/2015	15:00	0.4	NE
25/03/2015	23:55	2.7	E	26/03/2015	07:30	0.4	E	26/03/2015	15:05	0.4	NNE
26/03/2015	00:00	2.2	E	26/03/2015	07:35	0.9	E	26/03/2015	15:10	0.4	NNE
26/03/2015	00:05	2.7	E	26/03/2015	07:40	0.9	ENE	26/03/2015	15:15	0.4	NNE
26/03/2015	00:10	1.3	E	26/03/2015	07:45	0.9	ENE	26/03/2015	15:20	0.4	NNE
26/03/2015	00:15	1.8	ENE	26/03/2015	07:50	0.9	E	26/03/2015	15:25	1.3	NE
26/03/2015	00:20	2.2	E	26/03/2015	07:55	0.9	ENE	26/03/2015	15:30	1.8	NE
26/03/2015	00:25	3.1	E	26/03/2015	08:00	0.4	ESE	26/03/2015	15:35	1.8	NE
26/03/2015	00:30	3.1	E	26/03/2015	08:05	0.9	ENE	26/03/2015	15:40	1.3	NE
26/03/2015	00:35	2.2	E	26/03/2015	08:10	1.8	ENE	26/03/2015	15:45	1.3	NE
26/03/2015	00:40	3.1	E	26/03/2015	08:15	0.9	ENE	26/03/2015	15:50	1.3	NE
26/03/2015	00:45	2.2	E	26/03/2015	08:20	0.4	NE	26/03/2015	15:55	1.3	NE
26/03/2015	00:50	2.7	E	26/03/2015	08:25	1.3	NE	26/03/2015	16:00	0.9	WNW
26/03/2015	00:55	1.8	E	26/03/2015	08:30	1.3	NE	26/03/2015	16:05	0.9	W
26/03/2015	01:00	2.2	ENE	26/03/2015	08:35	1.8	NE	26/03/2015	16:10	0.9	W
26/03/2015	01:05	2.2	E	26/03/2015	08:40	1.8	ENE	26/03/2015	16:15	0.9	W
26/03/2015	01:10	2.2	ENE	26/03/2015	08:45	2.2	NE	26/03/2015	16:20	0.4	N
26/03/2015	01:15	3.6	ENE	26/03/2015	08:50	2.2	NE	26/03/2015	16:25	0.4	WNW
26/03/2015	01:20	1.8	E	26/03/2015	08:55	1.3	NE	26/03/2015	16:30	0.4	NNW
26/03/2015	01:25	2.2	ENE	26/03/2015	09:00	1.3	NE	26/03/2015	16:35	0.9	NE
26/03/2015	01:30	3.1	E	26/03/2015	09:05	1.8	NE	26/03/2015	16:40	0.9	NE
26/03/2015	01:35	2.2	E	26/03/2015	09:10	1.3	NE	26/03/2015	16:45	0.4	NE
26/03/2015	01:40	2.2	E	26/03/2015	09:15	1.3	ENE	26/03/2015	16:50	0.4	NE
26/03/2015	01:45	2.7	E	26/03/2015	09:20	0.9	ENE	26/03/2015	16:55	0.4	NE
26/03/2015	01:50	1.8	E	26/03/2015	09:25	1.3	ENE	26/03/2015	17:00	0.9	NE
26/03/2015	01:55	1.8	ENE	26/03/2015	09:30	0.9	ENE	26/03/2015	17:05	0.4	NE
26/03/2015	02:00	2.2	E	26/03/2015	09:35	0.4	NNE	26/03/2015	17:10	0.4	NNE
26/03/2015	02:05	2.7	E	26/03/2015	09:40	0.4	NE	26/03/2015	17:15	0.4	NNE
26/03/2015	02:10	0.9	E	26/03/2015	09:45	1.3	NE	26/03/2015	17:20	0.9	NE
26/03/2015	02:15	1.3	E	26/03/2015	09:50	1.3	ENE	26/03/2015	17:25	0.9	NE
26/03/2015	02:20	2.7	E	26/03/2015	09:55	1.3	NE	26/03/2015	17:30	0.9	NE
26/03/2015	02:25	2.2	ESE	26/03/2015	10:00	0.4	NE	26/03/2015	17:35	0.9	NE
26/03/2015	02:30	2.2	ENE	26/03/2015	10:05	0.9	NNE	26/03/2015	17:40	0.4	NE
26/03/2015	02:35	2.2	E	26/03/2015	10:10	0.4	NNE	26/03/2015	17:45	0.9	NE
26/03/2015	02:40	0.9	E	26/03/2015	10:15	0.4	NNE	26/03/2015	17:50	0.9	NE
26/03/2015	02:45	0.9	ENE	26/03/2015	10:20	0.4	N	26/03/2015	17:55	0.4	NE
26/03/2015	02:50	1.3	ESE	26/03/2015	10:25	0.9	N	26/03/2015	18:00	0.9	ENE
26/03/2015	02:55	2.2	E	26/03/2015	10:30	0.9	N	26/03/2015	18:05	0.9	NE
26/03/2015	03:00	3.1	ENE	26/03/2015	10:35	0.4	N	26/03/2015	18:10	0.4	E
26/03/2015	03:05	2.7	ENE	26/03/2015	10:40	0.4	NW	26/03/2015	18:15	0.9	E
26/03/2015	03:10	0.9	E	26/03/2015	10:45	1.3	NE	26/03/2015	18:20	0.9	ENE
26/03/2015	03:15	1.3	NE	26/03/2015	10:50	1.3	NE	26/03/2015	18:25	1.3	ENE
26/03/2015	03:20	2.2	E	26/03/2015	10:55	1.3	NE	26/03/2015	18:30	0.9	E
26/03/2015	03:25	3.6	ENE	26/03/2015	11:00	1.3	NNE	26/03/2015	18:35	0.9	ENE
26/03/2015	03:30	2.2	E	26/03/2015	11:05	0.9	N	26/03/2015	18:40	0.9	ENE
26/03/2015	03:35	1.3	ENE	26/03/2015	11:10	0.9	NNE	26/03/2015	18:45	0.9	ENE
26/03/2015	03:40	1.3	ENE	26/03/2015	11:15	0.9	NNE	26/03/2015	18:50	0.9	ENE
26/03/2015	03:45	1.3	NE	26/03/2015	11:20	0.4	NE	26/03/2015	18:55	0.9	ENE
26/03/2015	03:50	0.9	ENE	26/03/2015	11:25	1.3	NE	26/03/2015	19:00	0.9	NE
26/03/2015	03:55	1.3	ENE	26/03/2015	11:30	1.3	NE	26/03/2015	19:05	0.9	NE
26/03/2015	04:00	1.3	ENE	26/03/2015	11:35	0.9	NNE	26/03/2015	19:10	0.9	NNE
26/03/2015	04:05	1.3	ENE	26/03/2015	11:40	0.9	NNE	26/03/2015	19:15	0.4	ENE
26/03/2015	04:10	0.9	E	26/03/2015	11:45	1.3	NNE	26/03/2015	19:20	0.9	ENE
26/03/2015	04:15	0.4	E	26/03/2015	11:50	1.3	NNE	26/03/2015	19:25	1.3	ENE
26/03/2015	04:20	0.4	E	26/03/2015	11:55	0.9	NNE	26/03/2015	19:30	0.9	NE
26/03/2015	04:25	0.4	ENE	26/03/2015	12:00	0.9	N	26/03/2015	19:35	0.9	NE
26/03/2015	04:30	0.4	ENE	26/03/2015	12:05	0.9	NNE	26/03/2015	19:40	1.3	E
26/03/2015	04:35	0.4	ENE	26/03/2015	12:10	1.3	NNE	26/03/2015	19:45	1.3	ENE
26/03/2015	04:40	0.4	E	26/03/2015	12:15	1.3	NE	26/03/2015	19:50	0.4	ENE
26/03/2015	04:45	0.9	NE	26/03/2015	12:20	1.3	NE	26/03/2015	19:55	0.9	NE
26/03/2015	04:50	0.4	N	26/03/2015	12:25	1.3	NE	26/03/2015	20:00	0.9	NE
26/03/2015	04:55	0.4	E	26/03/2015	12:30	1.3	NNE	26/03/2015	20:05	0.4	NE
26/03/2015	05:00	0.4	ENE	26/03/2015	12:35	0.9	N	26/03/2015	20:10	0.4	NE
26/03/2015	05:05	0.4	ENE	26/03/2015	12:40	0.9	NNE	26/03/2015	20:15	0.4	NE
26/03/2015	05:10	0.9	ENE	26/03/2015	12:45	0.9	N	26/03/2015	20:20	0.9	ENE
26/03/2015	05:15	1.8	ENE	26/03/2015	12:50	0.9	NNE	26/03/2015	20:25	0.9	ENE
26/03/2015	05:20	2.2	ENE	26/03/2015	12:55	0.9	NNE	26/03/2015	20:30	0.9	ENE
26/03/2015	05:25	2.2	ENE	26/03/2015	13:00	1.3	NE	26/03/2015	20:35	0.9	ENE
26/03/2015	05:30	1.3	E	26/03/2015	13:05	1.3	NE	26/03/2015	20:40	0.9	ENE
26/03/2015	05:35	2.7	ENE	26/03/2015	13:10	0.9	NNE	26/03/2015	20:45	0.9	ENE
26/03/2015	05:40	2.7	ENE	26/03/2015	13:15	1.3	NE	26/03/2015	20:50	0.9	ENE
26/03/2015	05:45	2.2	ENE	26/03/2015	13:20	1.8	NE	26/03/2015	20:55	0.9	ENE
26/03/2015	05:50	2.7	E	26/03/2015	13:25	1.8	NE	26/03/2015	21:00	0.9	ENE
26/03/2015	05:55	2.7	E	26/03/2015	13:30	1.3	NE	26/03/2015	21:05	0.9	ENE
26/03/2015	06:00	1.8	E	26/03/2015	13:35	1.3	NE	26/03/2015	21:10	0.9	ENE
26/03/2015	06:05	0.9	ENE	26/03/2015	13:40	1.3	NE	26/03/2015	21:15	0.9	ENE
26/03/2015	06:10	2.2	ENE	26/03/2015	13:45	1.3	NE	26/03/2015	21:20	0.9	ENE
26/03/2015	06:15	1.8	E	26/03/2015	13:50	1.3	NE	26/03/2015	21:25	0.9	ENE

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

Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction
26/03/2015	21:30	0.9	ENE	27/03/2015	05:05	0.4	ENE	27/03/2015	12:40	1.3	W
26/03/2015	21:35	0.9	ENE	27/03/2015	05:10	0.4	ENE	27/03/2015	12:45	1.3	WSW
26/03/2015	21:40	0.9	E	27/03/2015	05:15	1.3	ENE	27/03/2015	12:50	0.9	WSW
26/03/2015	21:45	1.8	E	27/03/2015	05:20	0.4	ENE	27/03/2015	12:55	1.3	WSW
26/03/2015	21:50	1.3	ENE	27/03/2015	05:25	1.3	NE	27/03/2015	13:00	0.9	WSW
26/03/2015	21:55	0.4	NE	27/03/2015	05:30	0.9	ENE	27/03/2015	13:05	0.9	WSW
26/03/2015	22:00	0.9	ENE	27/03/2015	05:35	0.9	ENE	27/03/2015	13:10	0.4	WSW
26/03/2015	22:05	0.9	ENE	27/03/2015	05:40	0.4	ENE	27/03/2015	13:15	0.4	W
26/03/2015	22:10	0.9	ENE	27/03/2015	05:45	0.9	WSW	27/03/2015	13:20	0.9	SW
26/03/2015	22:15	0.9	NE	27/03/2015	05:50	0.9	WSW	27/03/2015	13:25	1.3	WSW
26/03/2015	22:20	0.4	NE	27/03/2015	05:55	0.9	WSW	27/03/2015	13:30	0.4	WSW
26/03/2015	22:25	0.4	NNE	27/03/2015	06:00	0.9	WSW	27/03/2015	13:35	0.9	W
26/03/2015	22:30	0.4	NNE	27/03/2015	06:05	0.9	WSW	27/03/2015	13:40	0.4	SW
26/03/2015	22:35	0.4	N	27/03/2015	06:10	1.3	SW	27/03/2015	13:45	0.4	SW
26/03/2015	22:40	0.9	NE	27/03/2015	06:15	0.4	WSW	27/03/2015	13:50	1.3	WSW
26/03/2015	22:45	0.9	NE	27/03/2015	06:20	0.4	WSW	27/03/2015	13:55	1.3	WSW
26/03/2015	22:50	1.3	NE	27/03/2015	06:25	0.4	WSW	27/03/2015	14:00	1.3	WSW
26/03/2015	22:55	0.9	NE	27/03/2015	06:30	0.4	WSW	27/03/2015	14:05	1.3	WSW
26/03/2015	23:00	0.9	NE	27/03/2015	06:35	0.9	WSW	27/03/2015	14:10	1.3	W
26/03/2015	23:05	0.9	NE	27/03/2015	06:40	0.9	WSW	27/03/2015	14:15	0.9	W
26/03/2015	23:10	0.9	NE	27/03/2015	06:45	1.3	WSW	27/03/2015	14:20	1.3	W
26/03/2015	23:15	0.9	NE	27/03/2015	06:50	0.9	WSW	27/03/2015	14:25	0.9	W
26/03/2015	23:20	0.4	NE	27/03/2015	06:55	1.3	WSW	27/03/2015	14:30	0.9	WSW
26/03/2015	23:25	0.9	ENE	27/03/2015	07:00	0.9	WSW	27/03/2015	14:35	0.9	WSW
26/03/2015	23:30	0.9	NE	27/03/2015	07:05	0.9	WSW	27/03/2015	14:40	0.9	WSW
26/03/2015	23:35	0.4	E	27/03/2015	07:10	1.3	WSW	27/03/2015	14:45	0.9	WSW
26/03/2015	23:40	0.9	E	27/03/2015	07:15	1.3	WSW	27/03/2015	14:50	0.9	WSW
26/03/2015	23:45	0.9	E	27/03/2015	07:20	1.3	WSW	27/03/2015	14:55	0.9	WSW
26/03/2015	23:50	0.9	E	27/03/2015	07:25	1.3	WSW	27/03/2015	15:00	0.9	WSW
26/03/2015	23:55	0.9	E	27/03/2015	07:30	1.3	WSW	27/03/2015	15:05	0.9	W
27/03/2015	00:00	0.9	E	27/03/2015	07:35	0.9	WNW	27/03/2015	15:10	1.3	W
27/03/2015	00:05	2.2	E	27/03/2015	07:40	0.9	WNW	27/03/2015	15:15	0.9	W
27/03/2015	00:10	2.7	E	27/03/2015	07:45	2.2	WNW	27/03/2015	15:20	1.3	W
27/03/2015	00:15	2.2	ENE	27/03/2015	07:50	2.2	N	27/03/2015	15:25	1.3	W
27/03/2015	00:20	0.9	E	27/03/2015	07:55	1.3	N	27/03/2015	15:30	1.3	W
27/03/2015	00:25	0.4	E	27/03/2015	08:00	0.9	WNW	27/03/2015	15:35	1.3	W
27/03/2015	00:30	1.3	E	27/03/2015	08:05	0.9	NW	27/03/2015	15:40	1.3	W
27/03/2015	00:35	1.3	E	27/03/2015	08:10	0.9	NNW	27/03/2015	15:45	1.3	W
27/03/2015	00:40	1.3	E	27/03/2015	08:15	1.3	NNE	27/03/2015	15:50	1.3	W
27/03/2015	00:45	1.3	E	27/03/2015	08:20	2.2	W	27/03/2015	15:55	1.3	W
27/03/2015	00:50	0.4	E	27/03/2015	08:25	1.3	W	27/03/2015	16:00	0.4	W
27/03/2015	00:55	0.4	E	27/03/2015	08:30	0.9	W	27/03/2015	16:05	0.9	NW
27/03/2015	01:00	0.4	E	27/03/2015	08:35	2.7	WSW	27/03/2015	16:10	0.4	NW
27/03/2015	01:05	0.4	E	27/03/2015	08:40	2.2	W	27/03/2015	16:15	0.4	NNW
27/03/2015	01:10	1.3	E	27/03/2015	08:45	1.8	WSW	27/03/2015	16:20	0.4	NNW
27/03/2015	01:15	1.3	E	27/03/2015	08:50	0.9	NNW	27/03/2015	16:25	0.4	NW
27/03/2015	01:20	1.3	E	27/03/2015	08:55	1.8	W	27/03/2015	16:30	0.4	NNW
27/03/2015	01:25	1.3	E	27/03/2015	09:00	2.7	W	27/03/2015	16:35	0.4	NNW
27/03/2015	01:30	1.3	E	27/03/2015	09:05	1.3	NW	27/03/2015	16:40	0.4	NNW
27/03/2015	01:35	0.4	E	27/03/2015	09:10	1.8	N	27/03/2015	16:45	0.4	NW
27/03/2015	01:40	0.4	E	27/03/2015	09:15	1.8	SW	27/03/2015	16:50	0.9	WNW
27/03/2015	01:45	0.4	E	27/03/2015	09:20	1.8	NW	27/03/2015	16:55	1.3	WNW
27/03/2015	01:50	0.4	E	27/03/2015	09:25	1.3	NNE	27/03/2015	17:00	0.4	WNW
27/03/2015	01:55	0.4	E	27/03/2015	09:30	2.2	WNW	27/03/2015	17:05	0.9	WNW
27/03/2015	02:00	0.4	E	27/03/2015	09:35	3.6	W	27/03/2015	17:10	0.4	WNW
27/03/2015	02:05	1.8	E	27/03/2015	09:40	1.3	SW	27/03/2015	17:15	0.9	W
27/03/2015	02:10	2.7	E	27/03/2015	09:45	0.9	SW	27/03/2015	17:20	0.4	W
27/03/2015	02:15	1.8	ENE	27/03/2015	09:50	0.4	SW	27/03/2015	17:25	0.4	W
27/03/2015	02:20	1.3	ESE	27/03/2015	09:55	0.9	SW	27/03/2015	17:30	0.4	W
27/03/2015	02:25	0.4	NNE	27/03/2015	10:00	0.9	SW	27/03/2015	17:35	0.4	WSW
27/03/2015	02:30	0.4	ENE	27/03/2015	10:05	0.9	SW	27/03/2015	17:40	0.4	W
27/03/2015	02:35	1.3	E	27/03/2015	10:10	0.4	WSW	27/03/2015	17:45	0.4	W
27/03/2015	02:40	1.3	E	27/03/2015	10:15	0.4	WSW	27/03/2015	17:50	0.4	WSW
27/03/2015	02:45	1.3	E	27/03/2015	10:20	0.4	WSW	27/03/2015	17:55	0.4	WSW
27/03/2015	02:50	1.3	E	27/03/2015	10:25	0.4	WSW	27/03/2015	18:00	0.4	WSW
27/03/2015	02:55	1.3	E	27/03/2015	10:30	0.4	SW	27/03/2015	18:05	0.4	W
27/03/2015	03:00	0.4	NE	27/03/2015	10:35	0.4	SW	27/03/2015	18:10	0.4	W
27/03/2015	03:05	0.4	NE	27/03/2015	10:40	0.4	WNW	27/03/2015	18:15	0.4	WSW
27/03/2015	03:10	0.4	ENE	27/03/2015	10:45	0.4	WNW	27/03/2015	18:20	0.9	WSW
27/03/2015	03:15	0.4	ENE	27/03/2015	10:50	0.9	NW	27/03/2015	18:25	0.9	WSW
27/03/2015	03:20	0.4	ENE	27/03/2015	10:55	0.4	NW	27/03/2015	18:30	0.9	WSW
27/03/2015	03:25	0.9	ENE	27/03/2015	11:00	0.4	NNW	27/03/2015	18:35	0.9	WSW
27/03/2015	03:30	0.9	ENE	27/03/2015	11:05	0.4	NW	27/03/2015	18:40	0.9	WSW
27/03/2015	03:35	0.9	NNE	27/03/2015	11:10	0.4	NNW	27/03/2015	18:45	1.3	WSW
27/03/2015	03:40	0.9	NNE	27/03/2015	11:15	0.4	NNW	27/03/2015	18:50	0.9	WSW
27/03/2015	03:45	0.4	ENE	27/03/2015	11:20	0.4	NNW	27/03/2015	18:55	1.3	SW
27/03/2015	03:50	0.4	ENE	27/03/2015	11:25	1.8	WNW	27/03/2015	19:00	0.4	WSW
27/03/2015	03:55	0.4	ENE	27/03/2015	11:30	1.8	WNW	27/03/2015	19:05	0.4	WSW
27/03/2015	04:00	0.4	ENE	27/03/2015	11:35	2.2	W	27/03/2015	19:10	0.4	WSW
27/03/2015	04:05	0.4	ENE	27/03/2015	11:40	1.8	NW	27/03/2015	19:15	0.4	WSW
27/03/2015	04:10	0.4	ENE	27/03/2015	11:45	1.8	NNW	27/03/2015	19:20	0.4	WSW
27/03/2015	04:15	0.4	ENE	27/03/2015	11:50	2.2	NNW	27/03/2015	19:25	0.4	WSW
27/03/2015	04:20	0.4	ENE	27/03/2015	11:55	2.2	N	27/03/2015	19:30	0.9	WSW
27/03/2015	04:25	0.4	ENE	27/03/2015	12:00	2.2	W	27/03/2015	19:35	0.9	WSW
27/03/2015	04:30	0.4	ENE	27/03/2015	12:05	1.3	WNW	27/03/2015	19:40	0.4	WSW
27/03/2015	04:35	0.4	ENE	27/03/2015	12:10	2.2	WNW	27/03/2015	19:45	0.4	WSW
27/03/2015	04:40	0.9	NW	27/03/2015	12:15	3.6	W	27/03/2015	19:50	0.4	WSW
27/03/2015	04:45	1.3	N	27/03/2015	12:20	3.1	WNW	27/03/2015	19:55	0.4	SW
27/03/2015	04:50	1.3	ENE	27/03/2015	12:25	0.4	W	27/03/2015	20:00	0.9	SSW
27/03/2015	04:55	0.4	ENE	27/03/2015	12:30	0.4	W	27/03/2015	20:05	1.8	W
27/03/2015	05:00	0.9	ENE	27/03/2015	12:35	1.3	W	27/03/2015	20:10	2.7	WSW

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

Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction
27/03/2015	20:15	1.3	W	28/03/2015	03:50	0.4	N	28/03/2015	11:25	2.2	NE
27/03/2015	20:20	1.8	W	28/03/2015	03:55	1.3	NE	28/03/2015	11:30	3.6	NE
27/03/2015	20:25	3.1	NW	28/03/2015	04:00	1.8	NE	28/03/2015	11:35	4	NE
27/03/2015	20:30	2.2	WNW	28/03/2015	04:05	1.8	NE	28/03/2015	11:40	3.1	NE
27/03/2015	20:35	2.7	WNW	28/03/2015	04:10	2.2	NE	28/03/2015	11:45	3.1	NE
27/03/2015	20:40	2.7	NW	28/03/2015	04:15	2.2	NE	28/03/2015	11:50	4	NE
27/03/2015	20:45	2.7	WNW	28/03/2015	04:20	2.2	ENE	28/03/2015	11:55	4	NE
27/03/2015	20:50	3.1	WNW	28/03/2015	04:25	2.7	ENE	28/03/2015	12:00	3.6	NE
27/03/2015	20:55	2.2	NNW	28/03/2015	04:30	1.8	NE	28/03/2015	12:05	4	NE
27/03/2015	21:00	2.2	NNW	28/03/2015	04:35	1.8	NE	28/03/2015	12:10	4	NE
27/03/2015	21:05	0.4	NE	28/03/2015	04:40	1.3	NE	28/03/2015	12:15	2.7	NE
27/03/2015	21:10	0.4	NE	28/03/2015	04:45	1.3	NE	28/03/2015	12:20	3.1	NNE
27/03/2015	21:15	0.9	NNE	28/03/2015	04:50	0.9	NE	28/03/2015	12:25	2.7	NNE
27/03/2015	21:20	1.3	NNE	28/03/2015	04:55	2.2	NE	28/03/2015	12:30	2.7	NNE
27/03/2015	21:25	1.3	E	28/03/2015	05:00	3.6	NE	28/03/2015	12:35	3.1	NNE
27/03/2015	21:30	1.8	ENE	28/03/2015	05:05	1.8	NNE	28/03/2015	12:40	2.2	NE
27/03/2015	21:35	1.8	ENE	28/03/2015	05:10	1.8	NNE	28/03/2015	12:45	1.8	NE
27/03/2015	21:40	0.4	ENE	28/03/2015	05:15	1.8	N	28/03/2015	12:50	2.7	NE
27/03/2015	21:45	3.6	ENE	28/03/2015	05:20	1.3	N	28/03/2015	12:55	2.2	NNE
27/03/2015	21:50	4	E	28/03/2015	05:25	0.9	N	28/03/2015	13:00	2.2	NNE
27/03/2015	21:55	4	ENE	28/03/2015	05:30	1.3	N	28/03/2015	13:05	1.8	NNE
27/03/2015	22:00	2.7	E	28/03/2015	05:35	1.8	N	28/03/2015	13:10	1.8	NNE
27/03/2015	22:05	2.7	ENE	28/03/2015	05:40	1.8	NNE	28/03/2015	13:15	1.8	N
27/03/2015	22:10	3.1	E	28/03/2015	05:45	1.8	NE	28/03/2015	13:20	1.3	N
27/03/2015	22:15	2.7	ENE	28/03/2015	05:50	1.8	NE	28/03/2015	13:25	0.9	N
27/03/2015	22:20	1.3	E	28/03/2015	05:55	0.9	NNW	28/03/2015	13:30	1.3	N
27/03/2015	22:25	1.3	E	28/03/2015	06:00	1.8	NE	28/03/2015	13:35	1.8	N
27/03/2015	22:30	1.8	NE	28/03/2015	06:05	1.3	NNE	28/03/2015	13:40	1.8	NNE
27/03/2015	22:35	3.6	ENE	28/03/2015	06:10	0.9	N	28/03/2015	13:45	1.8	NE
27/03/2015	22:40	3.1	E	28/03/2015	06:15	1.3	NNE	28/03/2015	13:50	1.8	NE
27/03/2015	22:45	4	ENE	28/03/2015	06:20	1.8	NNE	28/03/2015	13:55	0.9	NNW
27/03/2015	22:50	1.8	NE	28/03/2015	06:25	2.2	NE	28/03/2015	14:00	0.9	WSW
27/03/2015	22:55	1.3	ENE	28/03/2015	06:30	1.8	NE	28/03/2015	14:05	1.8	W
27/03/2015	23:00	1.3	NNE	28/03/2015	06:35	1.8	NE	28/03/2015	14:10	1.8	WNW
27/03/2015	23:05	0.9	NW	28/03/2015	06:40	1.8	NE	28/03/2015	14:15	1.8	WNW
27/03/2015	23:10	0.9	NNE	28/03/2015	06:45	1.8	NE	28/03/2015	14:20	1.3	WNW
27/03/2015	23:15	0.9	S	28/03/2015	06:50	1.3	N	28/03/2015	14:25	0.9	WNW
27/03/2015	23:20	1.3	N	28/03/2015	06:55	1.8	NNE	28/03/2015	14:30	0.4	WNW
27/03/2015	23:25	1.3	ENE	28/03/2015	07:00	1.8	NNE	28/03/2015	14:35	0.9	NNW
27/03/2015	23:30	0.4	WNW	28/03/2015	07:05	1.8	NNE	28/03/2015	14:40	1.8	NE
27/03/2015	23:35	1.3	WNW	28/03/2015	07:10	1.3	NNE	28/03/2015	14:45	1.3	NNE
27/03/2015	23:40	0.9	WNW	28/03/2015	07:15	2.2	NNE	28/03/2015	14:50	0.9	N
27/03/2015	23:45	1.3	W	28/03/2015	07:20	1.8	NNE	28/03/2015	14:55	1.3	NNE
27/03/2015	23:50	1.3	NNW	28/03/2015	07:25	1.3	NE	28/03/2015	15:00	1.8	NNE
27/03/2015	23:55	2.2	NE	28/03/2015	07:30	0.4	NNW	28/03/2015	15:05	2.2	NE
28/03/2015	00:00	1.8	WNW	28/03/2015	07:35	0.4	NNW	28/03/2015	15:10	1.8	NE
28/03/2015	00:05	0.4	NW	28/03/2015	07:40	0.4	NNW	28/03/2015	15:15	1.8	NE
28/03/2015	00:10	0.4	NNW	28/03/2015	07:45	0.4	NNE	28/03/2015	15:20	1.8	NE
28/03/2015	00:15	0.4	NNW	28/03/2015	07:50	0.4	NNE	28/03/2015	15:25	1.8	NE
28/03/2015	00:20	0.4	NNW	28/03/2015	07:55	0.4	NNE	28/03/2015	15:30	1.3	N
28/03/2015	00:25	0.4	NW	28/03/2015	08:00	0.4	NNE	28/03/2015	15:35	1.8	NNE
28/03/2015	00:30	0.4	NW	28/03/2015	08:05	0.9	NE	28/03/2015	15:40	1.8	NNE
28/03/2015	00:35	0.4	NNW	28/03/2015	08:10	1.3	ENE	28/03/2015	15:45	1.8	NNE
28/03/2015	00:40	0.4	WSW	28/03/2015	08:15	1.3	ENE	28/03/2015	15:50	1.3	NNE
28/03/2015	00:45	0.4	WSW	28/03/2015	08:20	1.3	NE	28/03/2015	15:55	2.2	NNE
28/03/2015	00:50	0.4	WSW	28/03/2015	08:25	0.9	ENE	28/03/2015	16:00	1.8	NNE
28/03/2015	00:55	0.9	WSW	28/03/2015	08:30	0.4	ENE	28/03/2015	16:05	1.3	NE
28/03/2015	01:00	1.3	WSW	28/03/2015	08:35	0.4	WSW	28/03/2015	16:10	1.3	NE
28/03/2015	01:05	1.3	W	28/03/2015	08:40	0.4	W	28/03/2015	16:15	1.3	NNW
28/03/2015	01:10	0.4	WSW	28/03/2015	08:45	0.4	W	28/03/2015	16:20	1.8	NE
28/03/2015	01:15	0.4	WSW	28/03/2015	08:50	0.4	WNW	28/03/2015	16:25	1.8	N
28/03/2015	01:20	0.4	WSW	28/03/2015	08:55	0.4	NE	28/03/2015	16:30	0.9	NNW
28/03/2015	01:25	0.4	WSW	28/03/2015	09:00	0.4	NE	28/03/2015	16:35	1.3	NNW
28/03/2015	01:30	0.4	WSW	28/03/2015	09:05	0.9	NE	28/03/2015	16:40	1.3	NNW
28/03/2015	01:35	0.4	WSW	28/03/2015	09:10	0.9	E	28/03/2015	16:45	0.4	N
28/03/2015	01:40	0.4	SSW	28/03/2015	09:15	1.8	NE	28/03/2015	16:50	0.9	N
28/03/2015	01:45	0.4	W	28/03/2015	09:20	2.2	NE	28/03/2015	16:55	0.9	NE
28/03/2015	01:50	0.9	WSW	28/03/2015	09:25	2.2	NE	28/03/2015	17:00	0.9	N
28/03/2015	01:55	0.9	WSW	28/03/2015	09:30	1.3	NNE	28/03/2015	17:05	0.4	N
28/03/2015	02:00	0.4	WSW	28/03/2015	09:35	0.4	N	28/03/2015	17:10	0.9	N
28/03/2015	02:05	0.4	WSW	28/03/2015	09:40	0.4	N	28/03/2015	17:15	0.9	N
28/03/2015	02:10	0.4	W	28/03/2015	09:45	0.4	N	28/03/2015	17:20	0.9	W
28/03/2015	02:15	0.9	WSW	28/03/2015	09:50	0.4	N	28/03/2015	17:25	0.9	WNW
28/03/2015	02:20	0.9	WSW	28/03/2015	09:55	0.4	N	28/03/2015	17:30	0.9	WNW
28/03/2015	02:25	1.3	WSW	28/03/2015	10:00	0.9	NE	28/03/2015	17:35	0.9	NW
28/03/2015	02:30	0.9	WSW	28/03/2015	10:05	1.3	NE	28/03/2015	17:40	1.8	NW
28/03/2015	02:35	0.4	WSW	28/03/2015	10:10	1.8	NE	28/03/2015	17:45	0.9	WNW
28/03/2015	02:40	0.9	WNW	28/03/2015	10:15	1.8	NE	28/03/2015	17:50	0.4	NNE
28/03/2015	02:45	0.9	WSW	28/03/2015	10:20	1.8	ENE	28/03/2015	17:55	1.3	NE
28/03/2015	02:50	0.9	WSW	28/03/2015	10:25	1.8	NE	28/03/2015	18:00	0.9	N
28/03/2015	02:55	0.9	WSW	28/03/2015	10:30	1.3	ENE	28/03/2015	18:05	0.9	N
28/03/2015	03:00	0.9	WSW	28/03/2015	10:35	1.8	ENE	28/03/2015	18:10	1.3	N
28/03/2015	03:05	0.9	SSW	28/03/2015	10:40	2.2	NE	28/03/2015	18:15	0.4	NNE
28/03/2015	03:10	0.4	WSW	28/03/2015	10:45	2.2	NE	28/03/2015	18:20	0.4	NNE
28/03/2015	03:15	0.9	WSW	28/03/2015	10:50	2.2	ENE	28/03/2015	18:25	0.4	NNW
28/03/2015	03:20	0.9	SSW	28/03/2015	10:55	2.7	ENE	28/03/2015	18:30	0.4	W
28/03/2015	03:25	0.4	SSW	28/03/2015	11:00	1.8	NE	28/03/2015	18:35	0.4	W
28/03/2015	03:30	0.9	SSW	28/03/2015	11:05	1.8	NE	28/03/2015	18:40	0.4	WSW
28/03/2015	03:35	0.9	SSW	28/03/2015	11:10	1.3	NE	28/03/2015	18:45	0.4	WSW
28/03/2015	03:40	0.4	SSW	28/03/2015	11:15	1.3	NE	28/03/2015	18:50	0.4	WSW
28/03/2015	03:45	0.4	N	28/03/2015	11:20	0.9	NE	28/03/2015	18:55	0.9	WSW

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

Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction
28/03/2015	19:00	1.3	WSW	29/03/2015	02:35	0.9	SW	29/03/2015	10:10	0.9	NW
28/03/2015	19:05	1.3	W	29/03/2015	02:40	1.3	WSW	29/03/2015	10:15	0.9	N
28/03/2015	19:10	0.4	W	29/03/2015	02:45	1.3	WSW	29/03/2015	10:20	0.9	NE
28/03/2015	19:15	0.4	W	29/03/2015	02:50	0.9	WSW	29/03/2015	10:25	1.3	NNE
28/03/2015	19:20	0.9	WNW	29/03/2015	02:55	1.3	WSW	29/03/2015	10:30	1.3	NNE
28/03/2015	19:25	0.9	W	29/03/2015	03:00	0.9	SSW	29/03/2015	10:35	2.2	NE
28/03/2015	19:30	1.3	W	29/03/2015	03:05	0.9	SSW	29/03/2015	10:40	2.7	NE
28/03/2015	19:35	0.9	WNW	29/03/2015	03:10	0.9	SSW	29/03/2015	10:45	2.2	NE
28/03/2015	19:40	0.4	W	29/03/2015	03:15	0.9	SSW	29/03/2015	10:50	2.2	NE
28/03/2015	19:45	0.9	WSW	29/03/2015	03:20	0.4	W	29/03/2015	10:55	1.8	NE
28/03/2015	19:50	0.9	WSW	29/03/2015	03:25	0.4	SW	29/03/2015	11:00	2.7	NE
28/03/2015	19:55	1.3	WSW	29/03/2015	03:30	0.4	SW	29/03/2015	11:05	2.2	E
28/03/2015	20:00	0.4	WNW	29/03/2015	03:35	1.8	WSW	29/03/2015	11:10	0.9	NE
28/03/2015	20:05	0.4	WNW	29/03/2015	03:40	1.3	WSW	29/03/2015	11:15	1.3	WNW
28/03/2015	20:10	2.2	W	29/03/2015	03:45	0.9	WSW	29/03/2015	11:20	3.1	WSW
28/03/2015	20:15	2.2	W	29/03/2015	03:50	0.4	WSW	29/03/2015	11:25	2.2	W
28/03/2015	20:20	2.7	W	29/03/2015	03:55	0.4	WSW	29/03/2015	11:30	2.2	W
28/03/2015	20:25	2.2	W	29/03/2015	04:00	0.4	ESE	29/03/2015	11:35	1.8	W
28/03/2015	20:30	2.2	W	29/03/2015	04:05	0.4	NE	29/03/2015	11:40	1.8	WNW
28/03/2015	20:35	1.8	W	29/03/2015	04:10	0.4	NE	29/03/2015	11:45	2.2	W
28/03/2015	20:40	2.2	W	29/03/2015	04:15	0.4	NNE	29/03/2015	11:50	1.3	WNW
28/03/2015	20:45	1.8	WSW	29/03/2015	04:20	2.2	NNE	29/03/2015	11:55	1.3	WSW
28/03/2015	20:50	0.9	W	29/03/2015	04:25	0.9	NE	29/03/2015	12:00	1.8	W
28/03/2015	20:55	0.9	W	29/03/2015	04:30	1.3	NE	29/03/2015	12:05	1.8	W
28/03/2015	21:00	0.9	WNW	29/03/2015	04:35	0.9	NE	29/03/2015	12:10	1.8	WNW
28/03/2015	21:05	1.3	WNW	29/03/2015	04:40	0.4	ENE	29/03/2015	12:15	1.3	WNW
28/03/2015	21:10	2.2	W	29/03/2015	04:45	0.4	NNE	29/03/2015	12:20	0.9	N
28/03/2015	21:15	1.8	W	29/03/2015	04:50	1.8	W	29/03/2015	12:25	0.9	N
28/03/2015	21:20	1.8	W	29/03/2015	04:55	3.1	W	29/03/2015	12:30	1.3	N
28/03/2015	21:25	1.8	W	29/03/2015	05:00	2.7	WSW	29/03/2015	12:35	1.3	N
28/03/2015	21:30	2.2	W	29/03/2015	05:05	2.2	W	29/03/2015	12:40	1.3	N
28/03/2015	21:35	1.8	W	29/03/2015	05:10	2.2	W	29/03/2015	12:45	1.8	N
28/03/2015	21:40	1.8	W	29/03/2015	05:15	2.2	WSW	29/03/2015	12:50	1.8	N
28/03/2015	21:45	3.1	W	29/03/2015	05:20	2.7	WSW	29/03/2015	12:55	1.8	N
28/03/2015	21:50	2.7	WSW	29/03/2015	05:25	1.8	W	29/03/2015	13:00	1.8	NNE
28/03/2015	21:55	2.2	W	29/03/2015	05:30	0.4	WNW	29/03/2015	13:05	1.3	NNE
28/03/2015	22:00	2.2	W	29/03/2015	05:35	0.4	WNW	29/03/2015	13:10	1.3	NNE
28/03/2015	22:05	2.2	WSW	29/03/2015	05:40	0.4	NW	29/03/2015	13:15	1.8	NNE
28/03/2015	22:10	2.7	WSW	29/03/2015	05:45	1.3	NNE	29/03/2015	13:20	1.3	NNE
28/03/2015	22:15	1.8	W	29/03/2015	05:50	1.3	N	29/03/2015	13:25	1.3	NNE
28/03/2015	22:20	1.3	W	29/03/2015	05:55	1.3	WNW	29/03/2015	13:30	1.3	NNE
28/03/2015	22:25	1.8	W	29/03/2015	06:00	1.3	W	29/03/2015	13:35	1.8	NNE
28/03/2015	22:30	0.4	ENE	29/03/2015	06:05	1.8	W	29/03/2015	13:40	1.8	N
28/03/2015	22:35	0.4	ENE	29/03/2015	06:10	1.3	WNW	29/03/2015	13:45	1.8	NNE
28/03/2015	22:40	0.9	NE	29/03/2015	06:15	1.3	WNW	29/03/2015	13:50	1.3	NNE
28/03/2015	22:45	1.8	ENE	29/03/2015	06:20	1.3	WNW	29/03/2015	13:55	1.8	N
28/03/2015	22:50	1.8	E	29/03/2015	06:25	0.4	WNW	29/03/2015	14:00	1.3	NNE
28/03/2015	22:55	2.7	NE	29/03/2015	06:30	0.4	NNW	29/03/2015	14:05	0.9	N
28/03/2015	23:00	2.2	NE	29/03/2015	06:35	0.4	WNW	29/03/2015	14:10	0.9	NNW
28/03/2015	23:05	1.8	NE	29/03/2015	06:40	0.9	W	29/03/2015	14:15	1.3	NNE
28/03/2015	23:10	1.8	NE	29/03/2015	06:45	0.9	WSW	29/03/2015	14:20	1.8	N
28/03/2015	23:15	1.3	NE	29/03/2015	06:50	0.9	SW	29/03/2015	14:25	0.9	NNE
28/03/2015	23:20	2.2	ENE	29/03/2015	06:55	0.9	SW	29/03/2015	14:30	0.9	NE
28/03/2015	23:25	0.4	ENE	29/03/2015	07:00	1.3	WSW	29/03/2015	14:35	2.2	NE
28/03/2015	23:30	0.4	E	29/03/2015	07:05	1.3	WSW	29/03/2015	14:40	1.3	NNE
28/03/2015	23:35	0.4	ESE	29/03/2015	07:10	1.3	E	29/03/2015	14:45	2.2	ENE
28/03/2015	23:40	0.4	ESE	29/03/2015	07:15	0.9	E	29/03/2015	14:50	0.4	NE
28/03/2015	23:45	0.4	ESE	29/03/2015	07:20	1.3	ENE	29/03/2015	14:55	1.8	N
28/03/2015	23:50	0.4	NE	29/03/2015	07:25	1.8	ENE	29/03/2015	15:00	1.3	NNE
28/03/2015	23:55	0.9	ENE	29/03/2015	07:30	1.3	NE	29/03/2015	15:05	1.8	NNE
29/03/2015	00:00	2.2	ENE	29/03/2015	07:35	1.8	NE	29/03/2015	15:10	0.4	N
29/03/2015	00:05	1.8	S	29/03/2015	07:40	1.8	NE	29/03/2015	15:15	1.3	WNW
29/03/2015	00:10	0.4	WSW	29/03/2015	07:45	1.3	ENE	29/03/2015	15:20	0.9	WNW
29/03/2015	00:15	0.4	SW	29/03/2015	07:50	1.8	NE	29/03/2015	15:25	0.9	WNW
29/03/2015	00:20	0.4	ESE	29/03/2015	07:55	1.8	NE	29/03/2015	15:30	1.3	W
29/03/2015	00:25	0.4	SSW	29/03/2015	08:00	1.8	NE	29/03/2015	15:35	1.3	WNW
29/03/2015	00:30	0.4	SE	29/03/2015	08:05	1.8	NE	29/03/2015	15:40	1.8	W
29/03/2015	00:35	2.7	ESE	29/03/2015	08:10	0.9	NE	29/03/2015	15:45	1.8	W
29/03/2015	00:40	1.3	SE	29/03/2015	08:15	0.9	NNE	29/03/2015	15:50	2.2	WSW
29/03/2015	00:45	1.3	ENE	29/03/2015	08:20	0.9	NE	29/03/2015	15:55	0.9	W
29/03/2015	00:50	0.9	ENE	29/03/2015	08:25	0.9	NNE	29/03/2015	16:00	1.8	NW
29/03/2015	00:55	1.3	SSW	29/03/2015	08:30	0.9	NNE	29/03/2015	16:05	1.3	WNW
29/03/2015	01:00	1.3	S	29/03/2015	08:35	0.9	NNE	29/03/2015	16:10	1.3	WNW
29/03/2015	01:05	1.3	SSW	29/03/2015	08:40	0.9	NNE	29/03/2015	16:15	1.8	NW
29/03/2015	01:10	1.3	SSW	29/03/2015	08:45	0.9	NNW	29/03/2015	16:20	1.3	NW
29/03/2015	01:15	0.4	WSW	29/03/2015	08:50	0.9	NNE	29/03/2015	16:25	0.9	SW
29/03/2015	01:20	0.4	SW	29/03/2015	08:55	0.9	NNE	29/03/2015	16:30	0.9	NNW
29/03/2015	01:25	1.3	W	29/03/2015	09:00	0.9	NNE	29/03/2015	16:35	0.9	WNW
29/03/2015	01:30	1.8	W	29/03/2015	09:05	0.9	N	29/03/2015	16:40	1.3	WNW
29/03/2015	01:35	1.3	WSW	29/03/2015	09:10	1.3	NE	29/03/2015	16:45	1.8	W
29/03/2015	01:40	1.3	SW	29/03/2015	09:15	1.3	NE	29/03/2015	16:50	1.3	W
29/03/2015	01:45	0.9	SSW	29/03/2015	09:20	1.8	NE	29/03/2015	16:55	1.8	W
29/03/2015	01:50	0.9	SSW	29/03/2015	09:25	1.3	NNE	29/03/2015	17:00	2.7	W
29/03/2015	01:55	0.4	SW	29/03/2015	09:30	1.3	NNE	29/03/2015	17:05	1.3	WNW
29/03/2015	02:00	0.4	SW	29/03/2015	09:35	0.9	NE	29/03/2015	17:10	1.3	WSW
29/03/2015	02:05	0.4	SW	29/03/2015	09:40	1.3	NNW	29/03/2015	17:15	0.9	W
29/03/2015	02:10	1.3	W	29/03/2015	09:45	0.4	NW	29/03/2015	17:20	0.9	W
29/03/2015	02:15	1.8	W	29/03/2015	09:50	1.3	NE	29/03/2015	17:25	1.8	WSW
29/03/2015	02:20	1.3	WSW	29/03/2015	09:55	1.3	NNE	29/03/2015	17:30	1.8	W
29/03/2015	02:25	1.3	SW	29/03/2015	10:00	1.3	NNE	29/03/2015	17:35	0.9	WNW
29/03/2015	02:30	0.9	SW	29/03/2015	10:05	1.8	N	29/03/2015	17:40	0.4	W

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

Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction
29/03/2015	17:45	0.9	NW	30/03/2015	01:20	0.9	W	30/03/2015	08:55	3.1	N
29/03/2015	17:50	0.9	NNW	30/03/2015	01:25	1.3	WSW	30/03/2015	09:00	2.7	NE
29/03/2015	17:55	0.4	NW	30/03/2015	01:30	0.9	NW	30/03/2015	09:05	3.1	NNE
29/03/2015	18:00	0.9	WNW	30/03/2015	01:35	0.9	SSW	30/03/2015	09:10	2.2	NNE
29/03/2015	18:05	1.3	W	30/03/2015	01:40	0.4	SE	30/03/2015	09:15	2.7	NE
29/03/2015	18:10	0.4	NNW	30/03/2015	01:45	0.4	E	30/03/2015	09:20	1.8	ENE
29/03/2015	18:15	0.9	W	30/03/2015	01:50	0.9	E	30/03/2015	09:25	1.8	NE
29/03/2015	18:20	0.4	WSW	30/03/2015	01:55	0.4	N	30/03/2015	09:30	0.9	NE
29/03/2015	18:25	1.3	W	30/03/2015	02:00	0.9	WSW	30/03/2015	09:35	2.2	E
29/03/2015	18:30	0.4	NE	30/03/2015	02:05	0.4	WSW	30/03/2015	09:40	1.8	ENE
29/03/2015	18:35	0.4	NE	30/03/2015	02:10	0.4	WSW	30/03/2015	09:45	1.8	ENE
29/03/2015	18:40	0.9	WSW	30/03/2015	02:15	0.4	WNW	30/03/2015	09:50	2.2	E
29/03/2015	18:45	0.9	W	30/03/2015	02:20	0.4	WNW	30/03/2015	09:55	1.8	NE
29/03/2015	18:50	0.9	WNW	30/03/2015	02:25	1.3	N	30/03/2015	10:00	1.8	E
29/03/2015	18:55	1.3	W	30/03/2015	02:30	1.3	NNW	30/03/2015	10:05	0.4	NE
29/03/2015	19:00	0.4	NNW	30/03/2015	02:35	1.3	NW	30/03/2015	10:10	0.4	WSW
29/03/2015	19:05	0.9	N	30/03/2015	02:40	0.9	NW	30/03/2015	10:15	0.9	NW
29/03/2015	19:10	1.8	NE	30/03/2015	02:45	1.3	NW	30/03/2015	10:20	0.4	WSW
29/03/2015	19:15	0.4	N	30/03/2015	02:50	1.3	W	30/03/2015	10:25	0.4	SE
29/03/2015	19:20	0.4	N	30/03/2015	02:55	0.9	W	30/03/2015	10:30	0.9	ENE
29/03/2015	19:25	0.4	N	30/03/2015	03:00	0.9	NE	30/03/2015	10:35	0.4	NE
29/03/2015	19:30	0.9	NNE	30/03/2015	03:05	2.7	ENE	30/03/2015	10:40	0.4	E
29/03/2015	19:35	0.4	NNW	30/03/2015	03:10	1.3	NE	30/03/2015	10:45	1.3	ENE
29/03/2015	19:40	0.9	W	30/03/2015	03:15	0.4	E	30/03/2015	10:50	0.9	WSW
29/03/2015	19:45	0.9	W	30/03/2015	03:20	2.2	NW	30/03/2015	10:55	0.4	NNE
29/03/2015	19:50	1.8	W	30/03/2015	03:25	3.1	W	30/03/2015	11:00	0.9	NW
29/03/2015	19:55	1.8	WNW	30/03/2015	03:30	3.1	W	30/03/2015	11:05	1.3	WNW
29/03/2015	20:00	1.3	NW	30/03/2015	03:35	2.2	W	30/03/2015	11:10	0.9	SW
29/03/2015	20:05	0.9	NNW	30/03/2015	03:40	2.2	NW	30/03/2015	11:15	1.3	W
29/03/2015	20:10	0.4	NNE	30/03/2015	03:45	2.2	NW	30/03/2015	11:20	1.3	NE
29/03/2015	20:15	1.3	NW	30/03/2015	03:50	2.2	NNE	30/03/2015	11:25	2.2	W
29/03/2015	20:20	0.4	W	30/03/2015	03:55	2.2	ENE	30/03/2015	11:30	1.8	W
29/03/2015	20:25	0.4	NW	30/03/2015	04:00	1.3	NNE	30/03/2015	11:35	0.9	W
29/03/2015	20:30	0.4	WSW	30/03/2015	04:05	2.2	NE	30/03/2015	11:40	1.3	W
29/03/2015	20:35	0.9	W	30/03/2015	04:10	1.8	NE	30/03/2015	11:45	1.3	W
29/03/2015	20:40	0.9	W	30/03/2015	04:15	2.2	ENE	30/03/2015	11:50	2.7	SW
29/03/2015	20:45	0.9	WNW	30/03/2015	04:20	2.2	N	30/03/2015	11:55	2.7	WSW
29/03/2015	20:50	0.4	NW	30/03/2015	04:25	2.2	ENE	30/03/2015	12:00	1.8	SW
29/03/2015	20:55	0.9	NNW	30/03/2015	04:30	0.4	NNE	30/03/2015	12:05	1.3	WSW
29/03/2015	21:00	1.3	W	30/03/2015	04:35	0.9	E	30/03/2015	12:10	1.3	WNW
29/03/2015	21:05	0.4	ENE	30/03/2015	04:40	1.3	ENE	30/03/2015	12:15	1.8	NW
29/03/2015	21:10	1.8	ENE	30/03/2015	04:45	1.3	ENE	30/03/2015	12:20	1.3	E
29/03/2015	21:15	0.4	NE	30/03/2015	04:50	0.9	E	30/03/2015	12:25	0.9	NE
29/03/2015	21:20	0.9	ENE	30/03/2015	04:55	0.9	NE	30/03/2015	12:30	2.2	WNW
29/03/2015	21:25	0.4	E	30/03/2015	05:00	0.9	SSE	30/03/2015	12:35	1.3	W
29/03/2015	21:30	0.4	ENE	30/03/2015	05:05	0.9	ENE	30/03/2015	12:40	2.2	WSW
29/03/2015	21:35	0.9	N	30/03/2015	05:10	0.4	E	30/03/2015	12:45	2.2	WSW
29/03/2015	21:40	0.4	NNE	30/03/2015	05:15	0.4	ENE	30/03/2015	12:50	2.2	WNW
29/03/2015	21:45	0.9	ENE	30/03/2015	05:20	0.9	NE	30/03/2015	12:55	2.2	WSW
29/03/2015	21:50	0.4	ENE	30/03/2015	05:25	0.4	E	30/03/2015	13:00	0.9	N
29/03/2015	21:55	1.3	ENE	30/03/2015	05:30	0.4	S	30/03/2015	13:05	0.9	NW
29/03/2015	22:00	1.3	ENE	30/03/2015	05:35	0.9	ENE	30/03/2015	13:10	0.9	WSW
29/03/2015	22:05	0.4	E	30/03/2015	05:40	0.4	SSE	30/03/2015	13:15	1.8	NW
29/03/2015	22:10	0.4	E	30/03/2015	05:45	0.4	SSE	30/03/2015	13:20	0.9	NNE
29/03/2015	22:15	0.9	E	30/03/2015	05:50	1.3	NE	30/03/2015	13:25	1.3	N
29/03/2015	22:20	0.4	NNE	30/03/2015	05:55	0.9	E	30/03/2015	13:30	0.4	W
29/03/2015	22:25	0.9	NE	30/03/2015	06:00	1.8	SSE	30/03/2015	13:35	1.8	NW
29/03/2015	22:30	0.9	ENE	30/03/2015	06:05	1.8	W	30/03/2015	13:40	1.3	NW
29/03/2015	22:35	1.3	E	30/03/2015	06:10	0.4	NW	30/03/2015	13:45	1.3	NW
29/03/2015	22:40	0.9	NE	30/03/2015	06:15	0.9	NW	30/03/2015	13:50	1.3	NW
29/03/2015	22:45	2.2	NE	30/03/2015	06:20	0.4	NW	30/03/2015	13:55	0.9	WNW
29/03/2015	22:50	1.3	NNE	30/03/2015	06:25	0.4	NW	30/03/2015	14:00	2.2	W
29/03/2015	22:55	2.2	ENE	30/03/2015	06:30	0.4	NW	30/03/2015	14:05	3.1	WSW
29/03/2015	23:00	1.3	NE	30/03/2015	06:35	1.8	NE	30/03/2015	14:10	1.8	SW
29/03/2015	23:05	1.3	ENE	30/03/2015	06:40	1.8	NNE	30/03/2015	14:15	1.8	WSW
29/03/2015	23:10	2.7	ENE	30/03/2015	06:45	0.4	SSE	30/03/2015	14:20	1.3	WSW
29/03/2015	23:15	2.2	NE	30/03/2015	06:50	0.9	NE	30/03/2015	14:25	1.3	WSW
29/03/2015	23:20	0.9	ESE	30/03/2015	06:55	0.9	NE	30/03/2015	14:30	1.8	W
29/03/2015	23:25	2.2	NE	30/03/2015	07:00	1.8	NNW	30/03/2015	14:35	0.9	W
29/03/2015	23:30	2.2	ENE	30/03/2015	07:05	1.8	NW	30/03/2015	14:40	1.3	W
29/03/2015	23:35	3.1	ENE	30/03/2015	07:10	1.3	W	30/03/2015	14:45	0.9	NW
29/03/2015	23:40	2.7	ENE	30/03/2015	07:15	1.3	NW	30/03/2015	14:50	1.3	N
29/03/2015	23:45	3.1	ENE	30/03/2015	07:20	0.9	ENE	30/03/2015	14:55	2.2	N
29/03/2015	23:50	4	ENE	30/03/2015	07:25	0.9	NE	30/03/2015	15:00	2.7	NE
29/03/2015	23:55	2.7	E	30/03/2015	07:30	0.4	NE	30/03/2015	15:05	0.9	W
30/03/2015	00:00	3.1	E	30/03/2015	07:35	2.7	NE	30/03/2015	15:10	1.8	NNW
30/03/2015	00:05	1.3	ENE	30/03/2015	07:40	2.2	NE	30/03/2015	15:15	0.4	WNW
30/03/2015	00:10	2.7	ENE	30/03/2015	07:45	1.8	ENE	30/03/2015	15:20	1.3	NW
30/03/2015	00:15	2.2	E	30/03/2015	07:50	2.2	NE	30/03/2015	15:25	1.3	WNW
30/03/2015	00:20	2.7	E	30/03/2015	07:55	2.7	NE	30/03/2015	15:30	1.3	SW
30/03/2015	00:25	2.7	ENE	30/03/2015	08:00	0.9	NE	30/03/2015	15:35	3.1	WSW
30/03/2015	00:30	3.1	ENE	30/03/2015	08:05	1.8	NE	30/03/2015	15:40	1.8	WSW
30/03/2015	00:35	3.6	ENE	30/03/2015	08:10	0.4	NE	30/03/2015	15:45	0.9	NW
30/03/2015	00:40	3.6	E	30/03/2015	08:15	0.9	NNE	30/03/2015	15:50	1.3	W
30/03/2015	00:45	2.7	ENE	30/03/2015	08:20	1.8	NNE	30/03/2015	15:55	1.3	W
30/03/2015	00:50	2.2	E	30/03/2015	08:25	2.2	NE	30/03/2015	16:00	0.9	W
30/03/2015	00:55	2.2	ENE	30/03/2015	08:30	1.3	NE	30/03/2015	16:05	0.4	E
30/03/2015	01:00	2.2	ENE	30/03/2015	08:35	0.9	N	30/03/2015	16:10	1.8	NNW
30/03/2015	01:05	1.3	E	30/03/2015	08:40	2.2	NE	30/03/2015	16:15	1.3	W
30/03/2015	01:10	0.9	E	30/03/2015	08:45	1.8	NE	30/03/2015	16:20	0.9	NNW
30/03/2015	01:15	0.9	ENE	30/03/2015	08:50	2.7	NNE	30/03/2015	16:25	1.3	WSW

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

Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction
30/03/2015	16:30	1.3	NNE	31/03/2015	00:05	0.9	E	31/03/2015	07:40	0.4	W
30/03/2015	16:35	2.2	ENE	31/03/2015	00:10	0.9	NE	31/03/2015	07:45	0.9	WSW
30/03/2015	16:40	4	E	31/03/2015	00:15	1.3	ENE	31/03/2015	07:50	0.4	NNW
30/03/2015	16:45	2.2	E	31/03/2015	00:20	2.7	NE	31/03/2015	07:55	0.4	NNW
30/03/2015	16:50	0.9	ESE	31/03/2015	00:25	2.7	NE	31/03/2015	08:00	0.9	SW
30/03/2015	16:55	1.3	N	31/03/2015	00:30	1.8	ENE	31/03/2015	08:05	1.3	SW
30/03/2015	17:00	1.3	N	31/03/2015	00:35	1.3	ENE	31/03/2015	08:10	1.3	WSW
30/03/2015	17:05	1.8	NE	31/03/2015	00:40	1.8	E	31/03/2015	08:15	1.3	WSW
30/03/2015	17:10	2.7	NE	31/03/2015	00:45	1.3	ENE	31/03/2015	08:20	0.4	WNW
30/03/2015	17:15	2.7	NE	31/03/2015	00:50	0.4	ENE	31/03/2015	08:25	0.9	N
30/03/2015	17:20	2.2	NNE	31/03/2015	00:55	0.4	E	31/03/2015	08:30	0.4	ENE
30/03/2015	17:25	0.4	W	31/03/2015	01:00	0.4	NW	31/03/2015	08:35	0.9	ENE
30/03/2015	17:30	1.3	WNW	31/03/2015	01:05	0.4	WSW	31/03/2015	08:40	0.9	ENE
30/03/2015	17:35	1.8	NW	31/03/2015	01:10	0.4	WSW	31/03/2015	08:45	0.9	E
30/03/2015	17:40	0.9	W	31/03/2015	01:15	0.4	WSW	31/03/2015	08:50	0.9	NE
30/03/2015	17:45	0.9	NNW	31/03/2015	01:20	0.9	ENE	31/03/2015	08:55	1.8	WSW
30/03/2015	17:50	0.9	N	31/03/2015	01:25	2.7	E	31/03/2015	09:00	0.9	WNW
30/03/2015	17:55	1.3	NNE	31/03/2015	01:30	2.7	ENE	31/03/2015	09:05	0.9	ENE
30/03/2015	18:00	0.4	NNE	31/03/2015	01:35	2.2	E	31/03/2015	09:10	0.4	WSW
30/03/2015	18:05	0.4	NNE	31/03/2015	01:40	2.2	E	31/03/2015	09:15	2.2	ENE
30/03/2015	18:10	0.4	NNE	31/03/2015	01:45	1.8	E	31/03/2015	09:20	1.3	NE
30/03/2015	18:15	0.4	NNE	31/03/2015	01:50	2.2	ENE	31/03/2015	09:25	1.3	NE
30/03/2015	18:20	0.4	NE	31/03/2015	01:55	2.7	ENE	31/03/2015	09:30	1.3	NNE
30/03/2015	18:25	0.4	NNE	31/03/2015	02:00	2.2	E	31/03/2015	09:35	1.3	N
30/03/2015	18:30	0.4	NNE	31/03/2015	02:05	1.8	E	31/03/2015	09:40	1.3	NE
30/03/2015	18:35	0.4	ENE	31/03/2015	02:10	1.8	ENE	31/03/2015	09:45	1.3	N
30/03/2015	18:40	0.4	ENE	31/03/2015	02:15	1.8	ENE	31/03/2015	09:50	0.9	N
30/03/2015	18:45	0.4	ENE	31/03/2015	02:20	0.9	NNE	31/03/2015	09:55	1.3	NNE
30/03/2015	18:50	0.4	ENE	31/03/2015	02:25	0.9	NE	31/03/2015	10:00	0.4	N
30/03/2015	18:55	0.4	ENE	31/03/2015	02:30	0.9	ENE	31/03/2015	10:05	0.9	N
30/03/2015	19:00	0.4	ENE	31/03/2015	02:35	0.9	ENE	31/03/2015	10:10	0.4	N
30/03/2015	19:05	0.4	ENE	31/03/2015	02:40	0.9	ENE	31/03/2015	10:15	1.3	N
30/03/2015	19:10	0.4	ENE	31/03/2015	02:45	0.4	ENE	31/03/2015	10:20	0.4	NNE
30/03/2015	19:15	0.4	ENE	31/03/2015	02:50	0.9	ENE	31/03/2015	10:25	0.9	N
30/03/2015	19:20	1.3	E	31/03/2015	02:55	0.9	ENE	31/03/2015	10:30	1.3	N
30/03/2015	19:25	0.4	ENE	31/03/2015	03:00	0.9	ENE	31/03/2015	10:35	0.4	NW
30/03/2015	19:30	0.9	E	31/03/2015	03:05	0.9	ENE	31/03/2015	10:40	0.9	N
30/03/2015	19:35	2.2	E	31/03/2015	03:10	1.3	ENE	31/03/2015	10:45	0.9	N
30/03/2015	19:40	1.8	ENE	31/03/2015	03:15	0.4	E	31/03/2015	10:50	0.9	N
30/03/2015	19:45	0.4	ESE	31/03/2015	03:20	0.4	ENE	31/03/2015	10:55	0.9	N
30/03/2015	19:50	0.4	ENE	31/03/2015	03:25	0.4	ENE	31/03/2015	11:00	0.9	NE
30/03/2015	19:55	1.8	E	31/03/2015	03:30	0.4	ENE	31/03/2015	11:05	1.3	NE
30/03/2015	20:00	2.2	E	31/03/2015	03:35	0.4	ENE	31/03/2015	11:10	1.3	NNE
30/03/2015	20:05	1.3	E	31/03/2015	03:40	0.4	WSW	31/03/2015	11:15	1.3	ENE
30/03/2015	20:10	0.9	E	31/03/2015	03:45	0.4	WSW	31/03/2015	11:20	2.2	ENE
30/03/2015	20:15	0.9	ENE	31/03/2015	03:50	0.4	WSW	31/03/2015	11:25	1.3	NE
30/03/2015	20:20	0.4	ENE	31/03/2015	03:55	0.4	WNW	31/03/2015	11:30	1.8	NE
30/03/2015	20:25	0.9	NNE	31/03/2015	04:00	0.9	NNW	31/03/2015	11:35	1.8	ENE
30/03/2015	20:30	0.4	NNE	31/03/2015	04:05	0.4	N	31/03/2015	11:40	1.3	ENE
30/03/2015	20:35	0.4	NNE	31/03/2015	04:10	0.9	ENE	31/03/2015	11:45	2.2	ENE
30/03/2015	20:40	0.4	NNE	31/03/2015	04:15	0.9	ENE	31/03/2015	11:50	0.9	NE
30/03/2015	20:45	0.4	NNE	31/03/2015	04:20	0.9	ENE	31/03/2015	11:55	1.8	WNW
30/03/2015	20:50	0.4	NNE	31/03/2015	04:25	0.9	ENE	31/03/2015	12:00	0.9	W
30/03/2015	20:55	0.4	NNE	31/03/2015	04:30	0.9	WSW	31/03/2015	12:05	2.2	W
30/03/2015	21:00	0.4	NNE	31/03/2015	04:35	0.9	WSW	31/03/2015	12:10	2.2	W
30/03/2015	21:05	0.4	NNW	31/03/2015	04:40	0.9	W	31/03/2015	12:15	3.1	W
30/03/2015	21:10	0.4	WSW	31/03/2015	04:45	0.9	WSW	31/03/2015	12:20	2.7	W
30/03/2015	21:15	0.4	NW	31/03/2015	04:50	0.9	WSW	31/03/2015	12:25	2.7	W
30/03/2015	21:20	0.4	W	31/03/2015	04:55	0.9	WSW	31/03/2015	12:30	1.8	W
30/03/2015	21:25	0.4	W	31/03/2015	05:00	0.4	WSW	31/03/2015	12:35	0.9	W
30/03/2015	21:30	0.4	WNW	31/03/2015	05:05	1.8	WNW	31/03/2015	12:40	1.3	WNW
30/03/2015	21:35	0.4	WNW	31/03/2015	05:10	0.9	W	31/03/2015	12:45	2.2	NE
30/03/2015	21:40	0.4	NW	31/03/2015	05:15	2.2	W	31/03/2015	12:50	3.1	NE
30/03/2015	21:45	1.3	NW	31/03/2015	05:20	1.3	WNW	31/03/2015	12:55	2.2	NE
30/03/2015	21:50	0.4	NNW	31/03/2015	05:25	1.8	W	31/03/2015	13:00	1.8	N
30/03/2015	21:55	0.4	SW	31/03/2015	05:30	1.8	NW	31/03/2015	13:05	0.9	N
30/03/2015	22:00	0.4	ESE	31/03/2015	05:35	0.9	NW	31/03/2015	13:10	0.9	N
30/03/2015	22:05	2.7	E	31/03/2015	05:40	0.9	W	31/03/2015	13:15	1.8	W
30/03/2015	22:10	0.9	ENE	31/03/2015	05:45	0.9	WNW	31/03/2015	13:20	1.8	NW
30/03/2015	22:15	1.3	ENE	31/03/2015	05:50	1.3	NNW	31/03/2015	13:25	0.9	NW
30/03/2015	22:20	0.9	NNW	31/03/2015	05:55	0.9	NNE	31/03/2015	13:30	1.3	NE
30/03/2015	22:25	0.9	N	31/03/2015	06:00	0.9	NW	31/03/2015	13:35	1.3	NNE
30/03/2015	22:30	1.8	NE	31/03/2015	06:05	1.3	NNW	31/03/2015	13:40	0.9	NW
30/03/2015	22:35	2.2	NE	31/03/2015	06:10	1.8	NNE	31/03/2015	13:45	0.9	W
30/03/2015	22:40	0.4	NE	31/03/2015	06:15	1.8	NNE	31/03/2015	13:50	0.9	WNW
30/03/2015	22:45	0.4	NE	31/03/2015	06:20	1.3	NNW	31/03/2015	13:55	2.2	N
30/03/2015	22:50	0.4	E	31/03/2015	06:25	2.2	WNW	31/03/2015	14:00	2.7	NE
30/03/2015	22:55	1.3	NE	31/03/2015	06:30	1.3	NNW	31/03/2015	14:05	1.8	ENE
30/03/2015	23:00	0.4	ENE	31/03/2015	06:35	0.9	NNE	31/03/2015	14:10	2.2	NE
30/03/2015	23:05	0.9	ENE	31/03/2015	06:40	1.8	NW	31/03/2015	14:15	2.2	NNE
30/03/2015	23:10	0.9	ENE	31/03/2015	06:45	1.8	WSW	31/03/2015	14:20	1.3	NNW
30/03/2015	23:15	0.9	NNE	31/03/2015	06:50	1.3	WNW	31/03/2015	14:25	0.9	NNE
30/03/2015	23:20	0.9	NNE	31/03/2015	06:55	1.8	WSW	31/03/2015	14:30	0.4	N
30/03/2015	23:25	0.4	NNW	31/03/2015	07:00	2.7	W	31/03/2015	14:35	0.4	N
30/03/2015	23:30	0.4	NE	31/03/2015	07:05	1.8	W	31/03/2015	14:40	0.9	NW
30/03/2015	23:35	0.9	E	31/03/2015	07:10	1.8	W	31/03/2015	14:45	0.4	N
30/03/2015	23:40	0.4	E	31/03/2015	07:15	0.9	W	31/03/2015	14:50	1.3	N
30/03/2015	23:45	0.4	W	31/03/2015	07:20	0.9	W	31/03/2015	14:55	1.8	N
30/03/2015	23:50	0.4	NW	31/03/2015	07:25	0.9	W	31/03/2015	15:00	1.3	NNW
30/03/2015	23:55	0.4	NW	31/03/2015	07:30	0.4	W	31/03/2015	15:05	1.8	NNE
31/03/2015	00:00	0.4	NW	31/03/2015	07:35	0.9	W	31/03/2015	15:10	1.8	NNE

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

Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction
31/03/2015	15:15	1.3	NNW
31/03/2015	15:20	1.8	NE
31/03/2015	15:25	2.2	NW
31/03/2015	15:30	2.2	N
31/03/2015	15:35	2.2	WNW
31/03/2015	15:40	1.3	SW
31/03/2015	15:45	2.7	N
31/03/2015	15:50	2.7	NE
31/03/2015	15:55	2.7	NE
31/03/2015	16:00	1.8	E
31/03/2015	16:05	0.9	ENE
31/03/2015	16:10	1.3	NNW
31/03/2015	16:15	1.8	N
31/03/2015	16:20	1.8	NNW
31/03/2015	16:25	0.9	NE
31/03/2015	16:30	1.8	N
31/03/2015	16:35	0.9	NNE
31/03/2015	16:40	1.8	NW
31/03/2015	16:45	1.8	WSW
31/03/2015	16:50	0.4	NW
31/03/2015	16:55	2.2	WSW
31/03/2015	17:00	0.9	W
31/03/2015	17:05	2.2	W
31/03/2015	17:10	0.9	ESE
31/03/2015	17:15	1.3	WNW
31/03/2015	17:20	1.8	WSW
31/03/2015	17:25	2.7	W
31/03/2015	17:30	1.8	W
31/03/2015	17:35	1.8	W
31/03/2015	17:40	0.9	W
31/03/2015	17:45	0.9	W
31/03/2015	17:50	0.9	W
31/03/2015	17:55	0.4	NW
31/03/2015	18:00	0.4	N
31/03/2015	18:05	0.9	WSW
31/03/2015	18:10	0.4	NNW
31/03/2015	18:15	0.4	NNW
31/03/2015	18:20	0.9	SW
31/03/2015	18:25	1.3	SW
31/03/2015	18:30	1.3	WSW
31/03/2015	18:35	1.3	WSW
31/03/2015	18:40	0.4	WNW
31/03/2015	18:45	0.9	NE
31/03/2015	18:50	0.9	NE
31/03/2015	18:55	0.9	NE
31/03/2015	19:00	0.9	N
31/03/2015	19:05	0.4	ENE
31/03/2015	19:10	0.9	ENE
31/03/2015	19:15	0.9	ENE
31/03/2015	19:20	0.9	E
31/03/2015	19:25	0.9	NE
31/03/2015	19:30	0.4	WSW
31/03/2015	19:35	1.3	N
31/03/2015	19:40	1.3	WSW
31/03/2015	19:45	1.8	SW
31/03/2015	19:50	1.3	SW
31/03/2015	19:55	1.8	WSW
31/03/2015	20:00	0.9	WNW
31/03/2015	20:05	0.9	ENE
31/03/2015	20:10	0.4	WSW
31/03/2015	20:15	1.3	W
31/03/2015	20:20	0.4	E
31/03/2015	20:25	0.4	E
31/03/2015	20:30	0.9	E
31/03/2015	20:35	0.9	ENE
31/03/2015	20:40	0.9	ENE
31/03/2015	20:45	0.9	ENE
31/03/2015	20:50	0.4	E
31/03/2015	20:55	1.8	ENE
31/03/2015	21:00	2.2	ENE
31/03/2015	21:05	1.8	ENE
31/03/2015	21:10	1.8	ENE
31/03/2015	21:15	1.3	E
31/03/2015	21:20	0.4	E
31/03/2015	21:25	1.3	ENE
31/03/2015	21:30	0.9	ENE
31/03/2015	21:35	0.9	ENE
31/03/2015	21:40	0.9	ENE
31/03/2015	21:45	0.9	NE
31/03/2015	21:50	0.9	NE
31/03/2015	21:55	0.4	NE
31/03/2015	22:00	0.4	ESE
31/03/2015	22:05	0.4	E
31/03/2015	22:10	0.4	ESE
31/03/2015	22:15	1.3	E
31/03/2015	22:20	1.3	E
31/03/2015	22:25	0.4	E
31/03/2015	22:30	0.4	E
31/03/2015	22:35	1.3	E
31/03/2015	22:40	1.3	E
31/03/2015	22:45	0.9	E
31/03/2015	22:50	0.4	E
31/03/2015	22:55	0.4	NNE
31/03/2015	23:00	0.4	NNE
31/03/2015	23:05	0.4	NNE
31/03/2015	23:10	0.9	E
31/03/2015	23:15	0.9	E
31/03/2015	23:20	1.8	ENE
31/03/2015	23:25	2.2	E
31/03/2015	23:30	1.3	ENE
31/03/2015	23:35	0.9	ENE
31/03/2015	23:40	0.4	ENE
31/03/2015	23:45	2.2	E
31/03/2015	23:50	2.2	ENE
31/03/2015	23:55	1.8	E
01/04/2015	00:00	0.9	E

APPENDIX H

Dolphin Monitoring Results

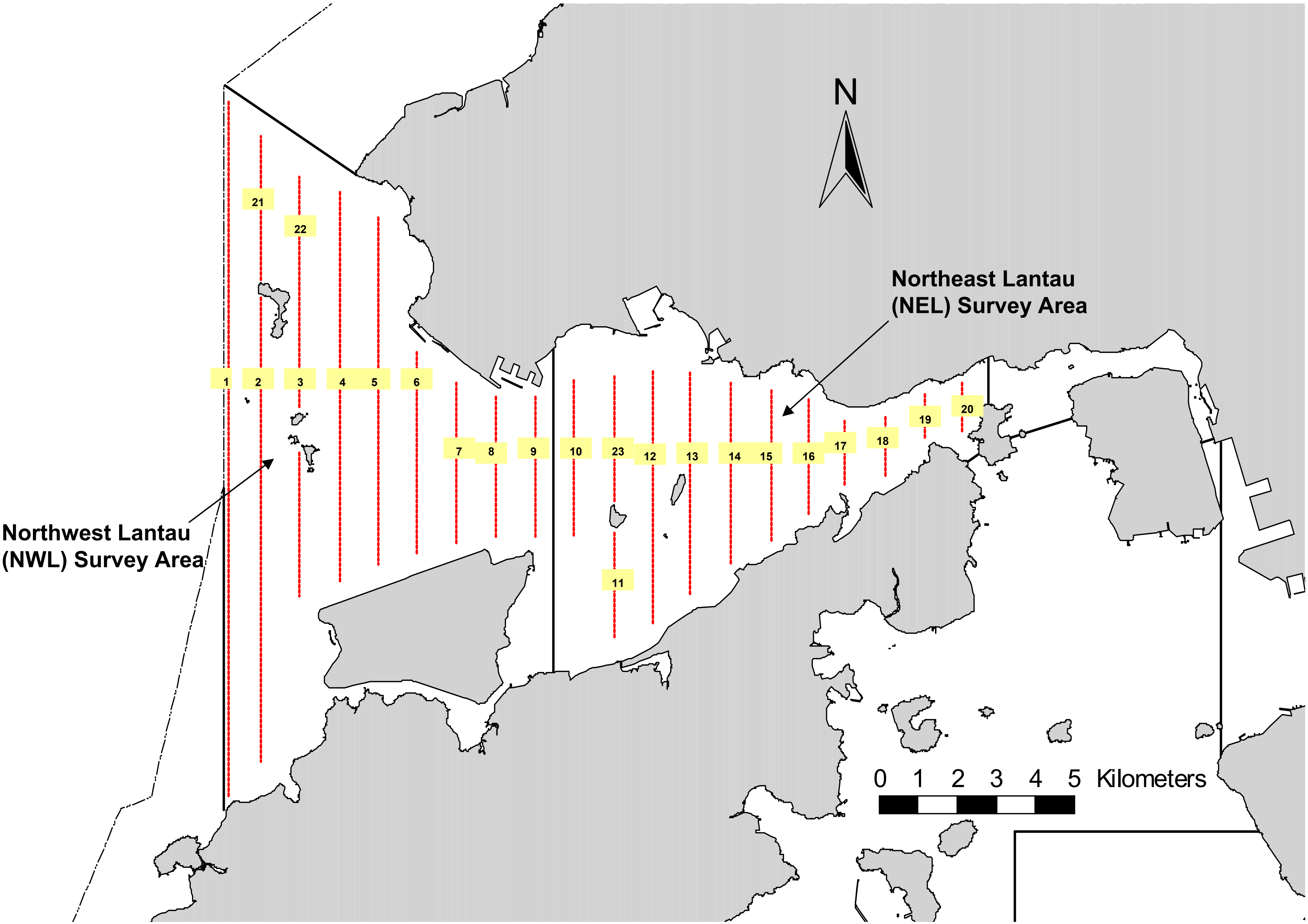


Figure 1. Transect Line Layout in Northwest and Northeast Lantau Survey Areas

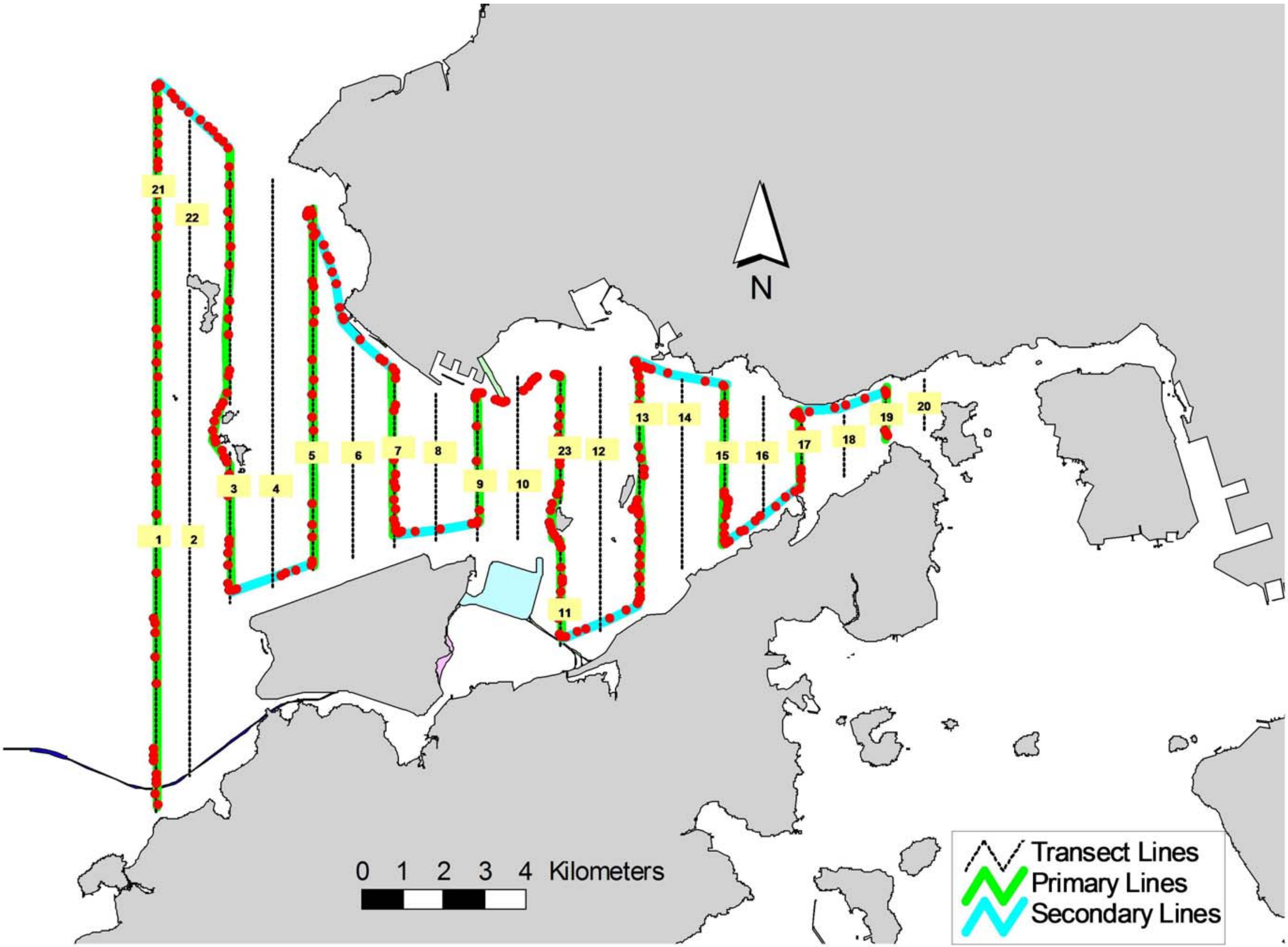


Figure 2. Survey Route on March 4th, 2015

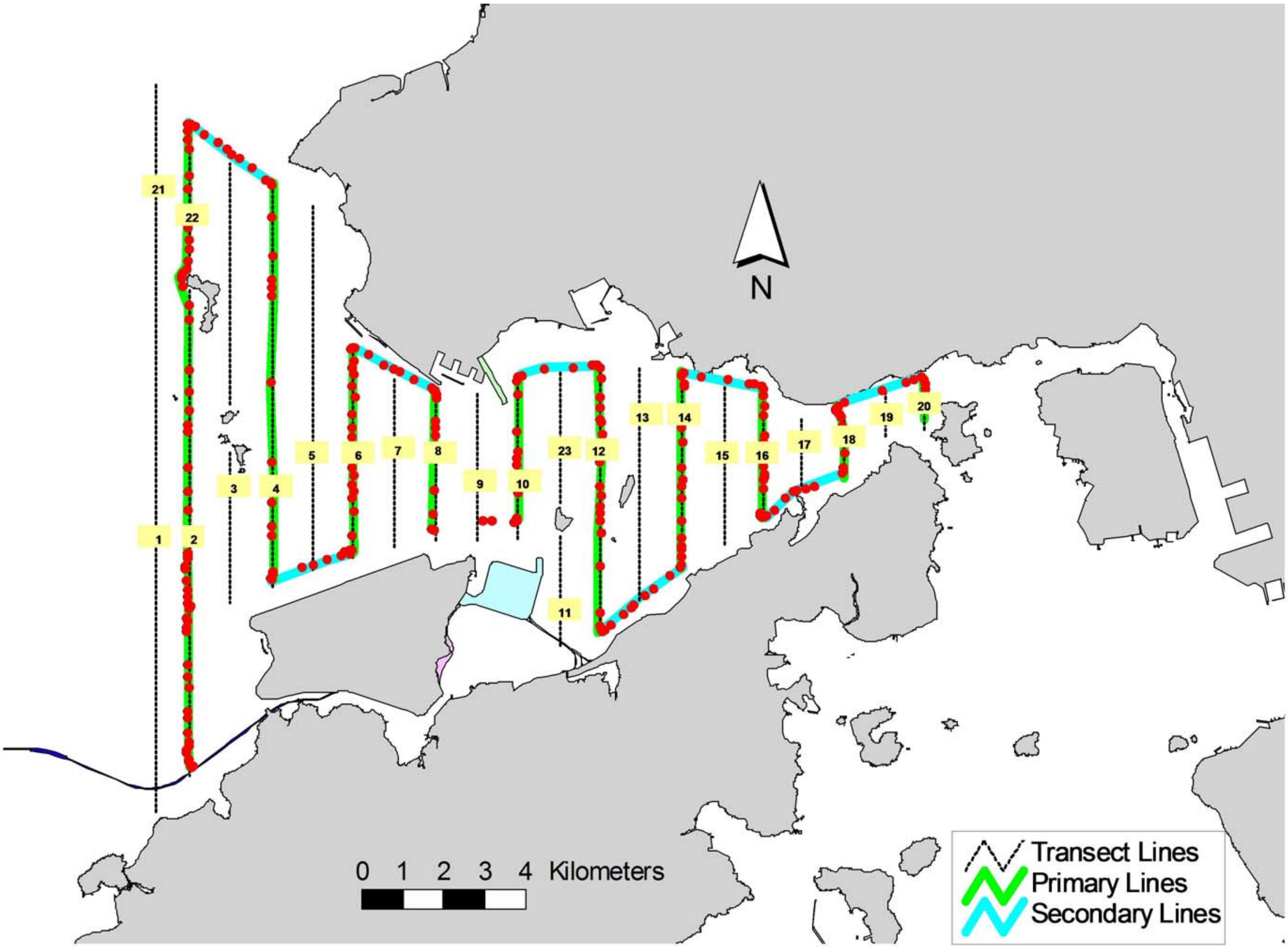


Figure 3. Survey Route on March 11th, 2015

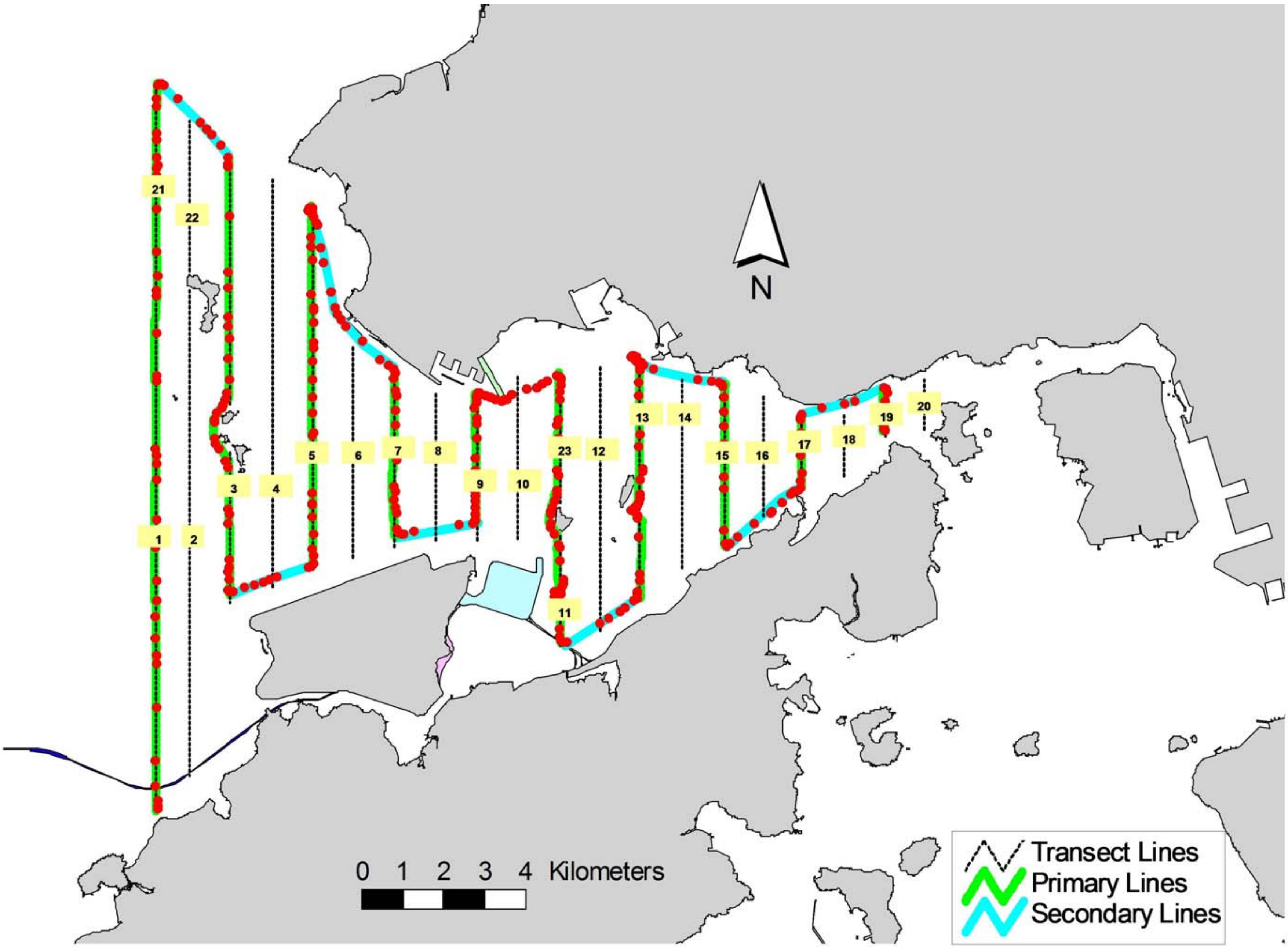


Figure 4. Survey Route on March 17th, 2015

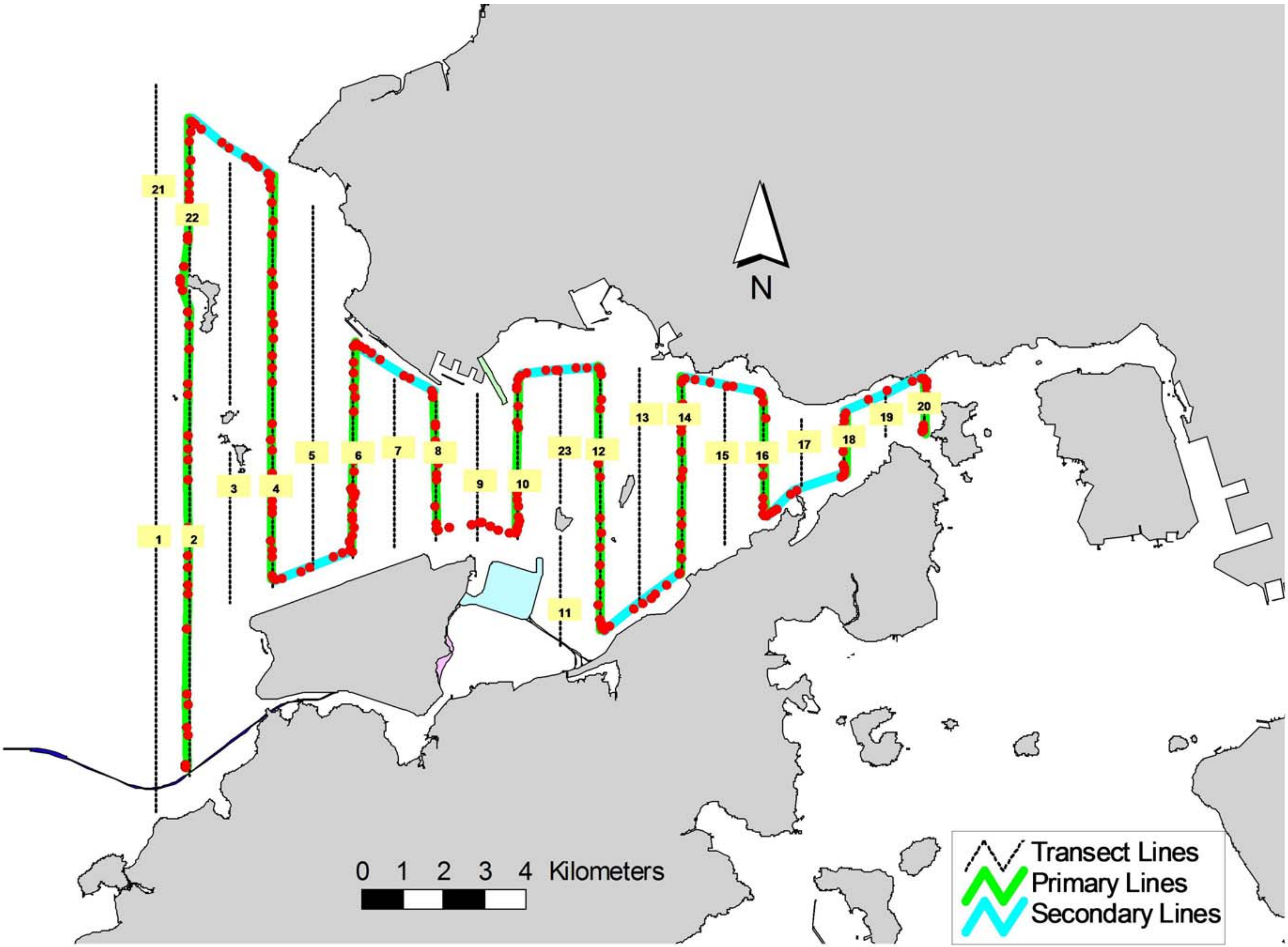


Figure 5. Survey Route on March 26th, 2015

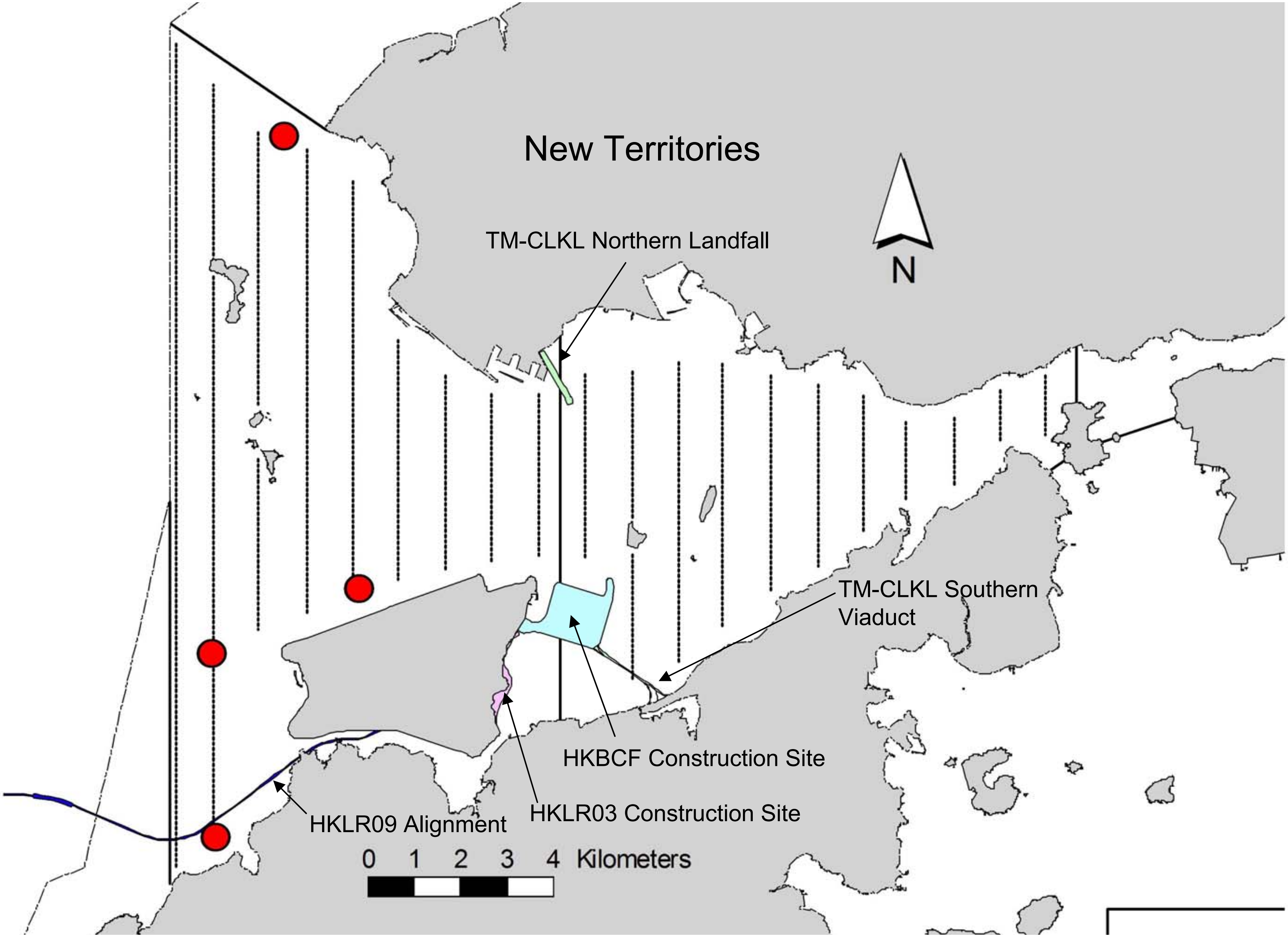


Figure 6. Distribution of Chinese White Dolphin Sightings During March 2015 HKLR03 Monitoring Surveys

Annex I. HKLR03 Survey Effort Database (March 2015)

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

DATE	AREA	BEAU	EFFORT	SEASON	VESSEL	TYPE	P/S
4-Mar-15	NW LANTAU	1	1.07	SPRING	STANDARD31516	HKLR	P
4-Mar-15	NW LANTAU	2	12.71	SPRING	STANDARD31516	HKLR	P
4-Mar-15	NW LANTAU	3	25.62	SPRING	STANDARD31516	HKLR	P
4-Mar-15	NW LANTAU	4	1.40	SPRING	STANDARD31516	HKLR	P
4-Mar-15	NW LANTAU	2	8.00	SPRING	STANDARD31516	HKLR	S
4-Mar-15	NW LANTAU	3	3.30	SPRING	STANDARD31516	HKLR	S
4-Mar-15	NW LANTAU	4	1.00	SPRING	STANDARD31516	HKLR	S
4-Mar-15	NE LANTAU	2	5.38	SPRING	STANDARD31516	HKLR	P
4-Mar-15	NE LANTAU	3	12.87	SPRING	STANDARD31516	HKLR	P
4-Mar-15	NE LANTAU	2	3.40	SPRING	STANDARD31516	HKLR	S
4-Mar-15	NE LANTAU	3	5.39	SPRING	STANDARD31516	HKLR	S
11-Mar-15	NW LANTAU	2	25.99	SPRING	STANDARD31516	HKLR	P
11-Mar-15	NW LANTAU	3	5.09	SPRING	STANDARD31516	HKLR	P
11-Mar-15	NW LANTAU	2	7.53	SPRING	STANDARD31516	HKLR	S
11-Mar-15	NE LANTAU	2	20.05	SPRING	STANDARD31516	HKLR	P
11-Mar-15	NE LANTAU	2	10.95	SPRING	STANDARD31516	HKLR	S
17-Mar-15	NW LANTAU	2	3.26	SPRING	STANDARD31516	HKLR	P
17-Mar-15	NW LANTAU	3	36.14	SPRING	STANDARD31516	HKLR	P
17-Mar-15	NW LANTAU	4	0.80	SPRING	STANDARD31516	HKLR	P
17-Mar-15	NW LANTAU	2	2.20	SPRING	STANDARD31516	HKLR	S
17-Mar-15	NW LANTAU	3	10.40	SPRING	STANDARD31516	HKLR	S
17-Mar-15	NE LANTAU	2	14.63	SPRING	STANDARD31516	HKLR	P
17-Mar-15	NE LANTAU	3	1.97	SPRING	STANDARD31516	HKLR	P
17-Mar-15	NE LANTAU	1	1.94	SPRING	STANDARD31516	HKLR	S
17-Mar-15	NE LANTAU	2	7.69	SPRING	STANDARD31516	HKLR	S
17-Mar-15	NE LANTAU	3	0.68	SPRING	STANDARD31516	HKLR	S
26-Mar-15	NW LANTAU	1	20.26	SPRING	STANDARD31516	HKLR	P
26-Mar-15	NW LANTAU	2	10.63	SPRING	STANDARD31516	HKLR	P
26-Mar-15	NW LANTAU	2	6.76	SPRING	STANDARD31516	HKLR	S
26-Mar-15	NE LANTAU	1	11.38	SPRING	STANDARD31516	HKLR	P
26-Mar-15	NE LANTAU	2	8.40	SPRING	STANDARD31516	HKLR	P
26-Mar-15	NE LANTAU	1	4.32	SPRING	STANDARD31516	HKLR	S
26-Mar-15	NE LANTAU	2	6.20	SPRING	STANDARD31516	HKLR	S

Annex II. HKLR03 Chinese White Dolphin Sighting Database (March 2015)

(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
04-Mar-15	1	1009	1	NW LANTAU	2	ND	OFF	HKLR	815213	805485	SPRING	NONE	N/A
11-Mar-15	1	1347	1	NW LANTAU	2	ND	OFF	HKLR	829495	806976	SPRING	NONE	N/A
11-Mar-15	2	1519	7	NW LANTAU	2	258	ON	HKLR	818956	805421	SPRING	NONE	P
26-Mar-15	1	1201	3	NW LANTAU	2	21	ON	HKLR	820290	808597	SPRING	NONE	S

Annex III. Individual dolphins identified during HKLR03 monitoring surveys in March 2015

ID#	DATE	STG#	AREA
CH34	11/03/15	1	NW LANTAU
NL49	11/03/15	2	NW LANTAU
NL123	11/03/15	2	NW LANTAU
NL136	11/03/15	2	NW LANTAU
NL165	11/03/15	2	NW LANTAU
NL261	26/03/15	1	NW LANTAU
NL272	26/03/15	1	NW LANTAU
NL284	11/03/15	2	NW LANTAU
	26/03/15	1	NW LANTAU
NL285	11/03/15	2	NW LANTAU
WL178	04/03/15	1	NW LANTAU

Annex IV. Photographs of Identified Individual Dolphins in March 2015 (HKLR03)

Annex IV. (cont'd)

APPENDIX I

Mudflat Monitoring Results

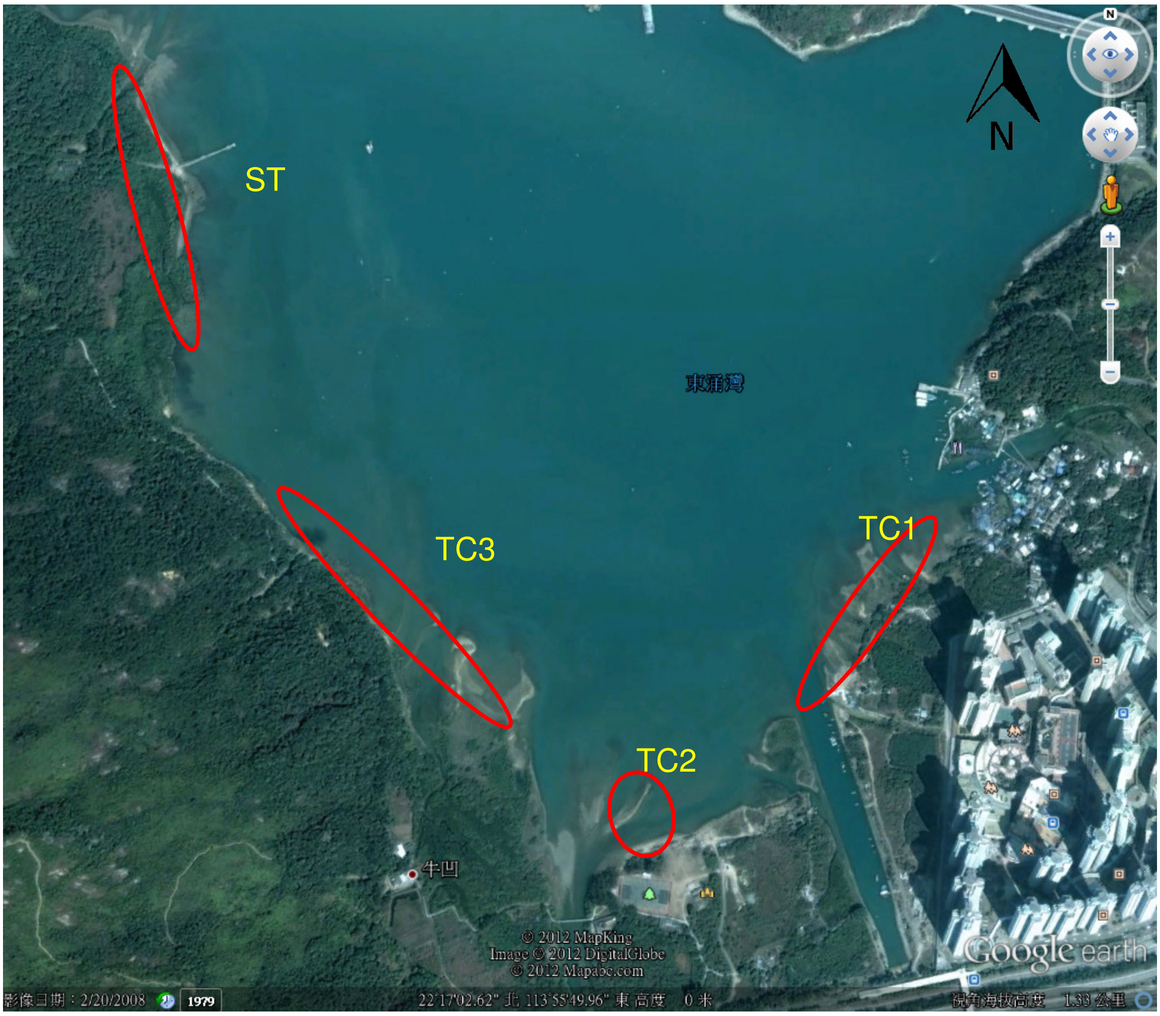


Figure 2.1. *The study site was divided into three sampling zones (TC1, TC2, TC3) in Tung Chung Bay and one zone in San Tau (ST) (map generated from Google Map).*

TC1

TC2

TC3

ST

Figure 2.2. *Photographic record of the environment in every sampling zone.*

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° 16.978' N	113° 55.979' E	28.06
1	S	22° 16.997' N	113° 55.986' E	35.46
1	S	22° 17.033' N	113° 55.974' E	65.43
Sampling site TC2 (Search hour = 2 hrs)				
Carcinoscorpius rotundicauda				
1	M	22° 16.924' N	113° 55.898' E	46.28

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)									
<u>Sampling site TC3 (Search hour = 3 hrs)</u>													
Carcinoscorpius rotundicauda													
5	S	22° 16.950' N	113° 55.710' E	20.65	20.93	23	24.54	28.51					
11	S	22° 16.945' N	113° 55.718' E	27.45	22.5	25.7	33.62	37.63	24.25	34.66	26.84	26.63	27.02
				29.58									
1	S	22° 16.933' N	113° 55.732' E	23.52									
1	S	22° 16.901' N	113° 55.741' E	35.72									
4	S	22° 16.953' N	113° 55.721' E	29.3	29.5	36.24	36.86						
1	S	22° 16.977' N	113° 55.720' E	29.37									
1	M	22° 16.978' N	113° 55.662' E	28.72									
1	S	22° 17.000' N	113° 55.656' E	32.9									
2	M	22° 17.011' N	113° 55.638' E	38.6	40.46								
6	M	22° 17.040' N	113° 55.636' E	16.79	19.02	19.91	30.57	32.19	33.6				
2	M	22° 17.056' N	113° 55.645' E	48.49	49.36								
4	M	22° 17.058' N	113° 55.623' E	38.99	44.35	58.75	69.68						
4	M	22° 17.091' N	113° 55.601' E	29.24	51.1	56.07	65.63						

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 = 3 hrs)										
Tachypleus tridentatus										
3	S	22° 16.952' N	113° 55.709' E	27.37	29.69	31.43				
3	S	22° 16.947' N	113° 55.716' E	30.26	30.52	32.05				
2	S	22° 16.934' N	113° 55.733' E	30.97	31.04					
2	S	22° 17.002' N	113° 55.658' E	30.01	54.11					
2	M	22° 17.040' N	113° 55.637' E	45.84	51.2					
2	M	22° 17.057' N	113° 55.643' E	49.71	56.59					
7	M	22° 17.059' N	113° 55.624' E	28.42	36.91	39.17	45.25	47.27	47.98	52.09
5	M	22° 17.088' N	113° 55.601' E	49.97	52.4	55.9	60	72.5		
1	M	22° 17.089' N	113° 55.602' E	58.75						

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							
1	M	22° 17.132' N	113° 55.561' E	46.8			
4	M	22° 17.147' N	113° 55.535' E	51.26	53.51	57.79	61.19
1	M	22° 17.169' N	113° 55.543 E	51.37			
1	M	22° 17.171' N	113° 55.500' E	50.17			
4	G	22° 17.386' N	113° 55.461' E	22.98	36.74	41.36	43.34
2	M	22° 17.234' N	113° 55.495' E	37.15	37.63		
2 *	M	22° 17.155' N	113° 55.549' E	138.2	155.1		

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

*: Mating pair that is excluded from the data analysis

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							
4	M	22° 17.133' N	113° 55.560' E	33.73	37.49	39.86	44.21
2	M	22° 17.146' N	113° 55.536' E	53.29	68.74		
1	M	22° 17.169' N	113° 55.543' E	55.52			
4	M	22° 17.158' N	113° 55.517' E	43.85	49.61	51.55	53.81
1	M	22° 17.171' N	113° 55.499' E	51.02			
1	M	22° 17.222' N	113° 55.478' E	40.19			
1	M	22° 17.223' N	113° 55.479' E	52.94			
1	M	22° 17.221' N	113° 55.477' E	72.66			
1	G	22° 17.383' N	113° 55.460' E	63.07			
1	M	22° 17.234' N	113° 55.495' E	48.4			
1	M	22° 17.364' N	113° 55.487' E	71.88			

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

TC1 *Carcinoscorpius rotundicauda*

Moult of *C. rotundicauda*

TC2 *Carcinoscorpius rotundicauda*

TC3 *Tachypleus tridentatus*

Carcinoscorpius rotundicauda

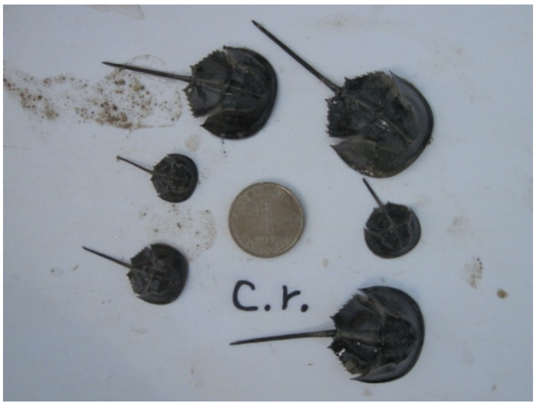
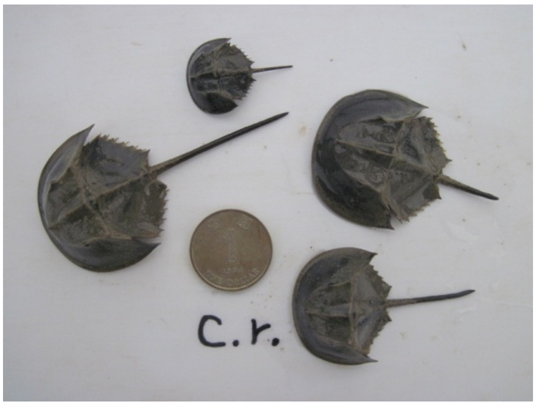


Figure 3.1. *Examples of photographic records of horseshoe crab Carcinoscorpius rotundicauda and Tachypleus tridentatus (7, 8, 20, 21 Mar. 2015)*

ST *Tachypleus tridentatus* *Carcinoscorpius rotundicauda*



Mating pair of *C. rotundicauda*

Figure 3.1 (Cont'd). *Examples of photographic records of horseshoe crab Carcinoscorpius rotundicauda and Tachypleus tridentatus (7, 8, 20, 21 Mar. 2015)*

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

	TC1	TC2	TC3	ST
Search duration (hr)	2	2	3	3
Carcinoscorpius rotundicauda				
no. of individuals	3	1	43	13
mean prosomal width (mm)	42.98	46.28	33.92	45.48
max. prosomal width (mm)	65.43	\	69.68	61.19
min. prosomal width (mm)	28.06	\	16.79	22.98
Search record (ind. hr^{-1} $person^{-1}$)	0.8	0.3	7.2	2.2
Tachypleus tridentatus				
no. of individuals			27	18
mean prosomal width (mm)			43.61	51.77
max. prosomal width (mm)	N.A.	N.A.	72.50	72.66
min. prosomal width (mm)			27.37	33.73
Search record (ind. hr^{-1} $person^{-1}$)			4.5	3.0

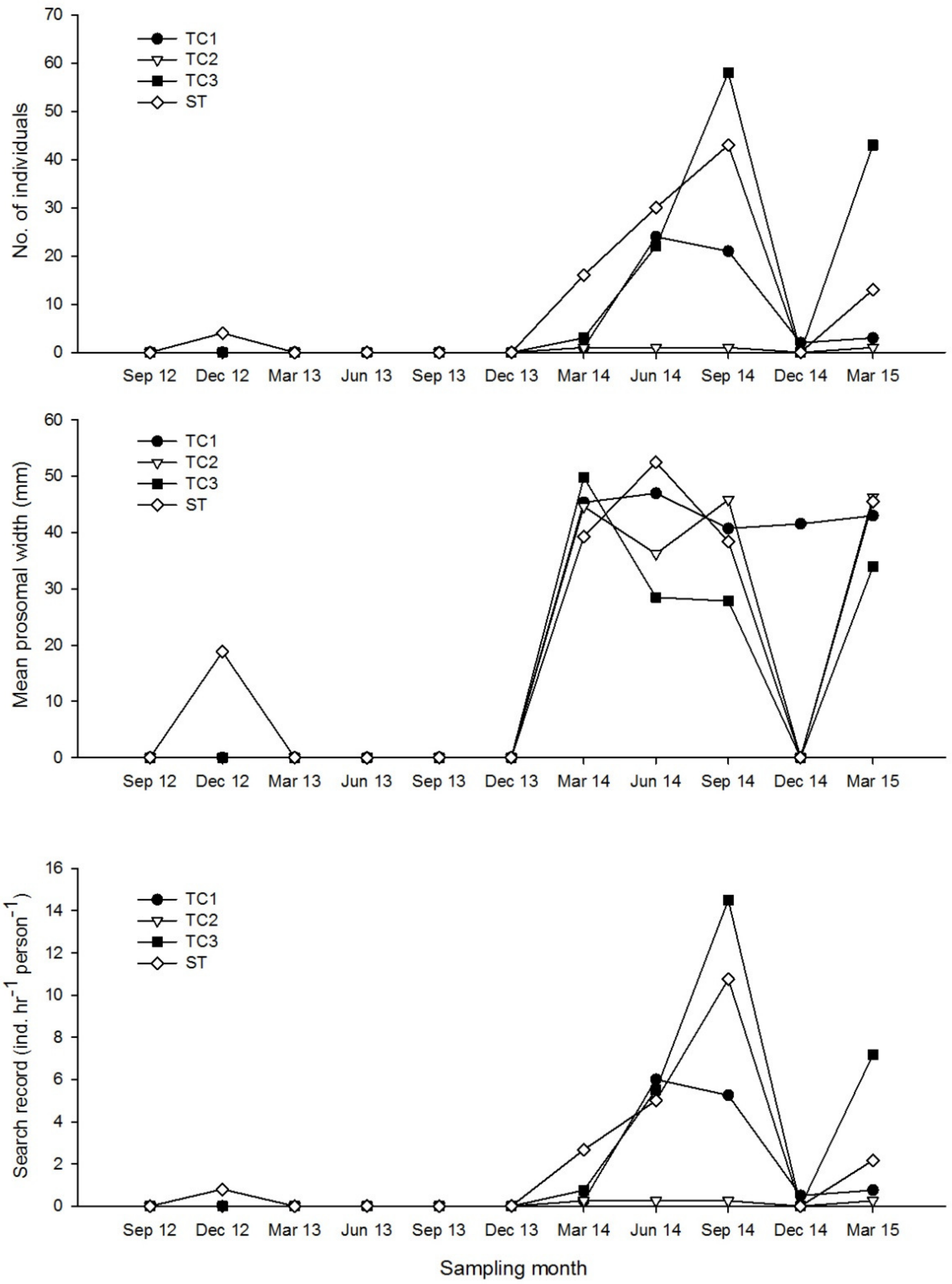


Figure 3.2. *Changes of number of individuals, mean prosomal width and search record of horseshoe crab Carcinoscorpius rotundicauda in every sampling zone along the sampling months.*

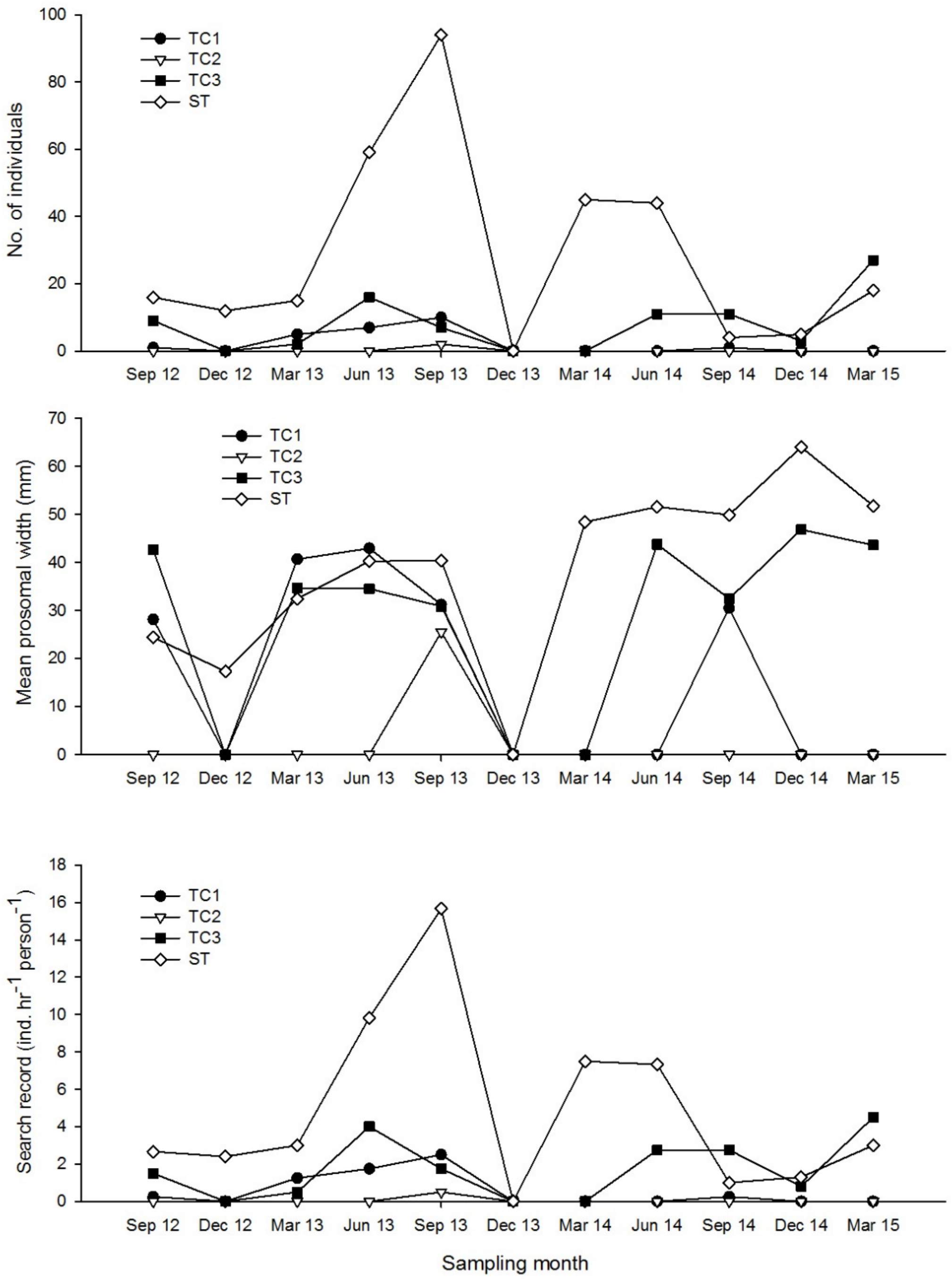


Figure 3.3. *Changes of number of individuals, mean prosomal width and search record of horseshoe crab Tachypleus tridentatus in every sampling zone along the sampling months.*

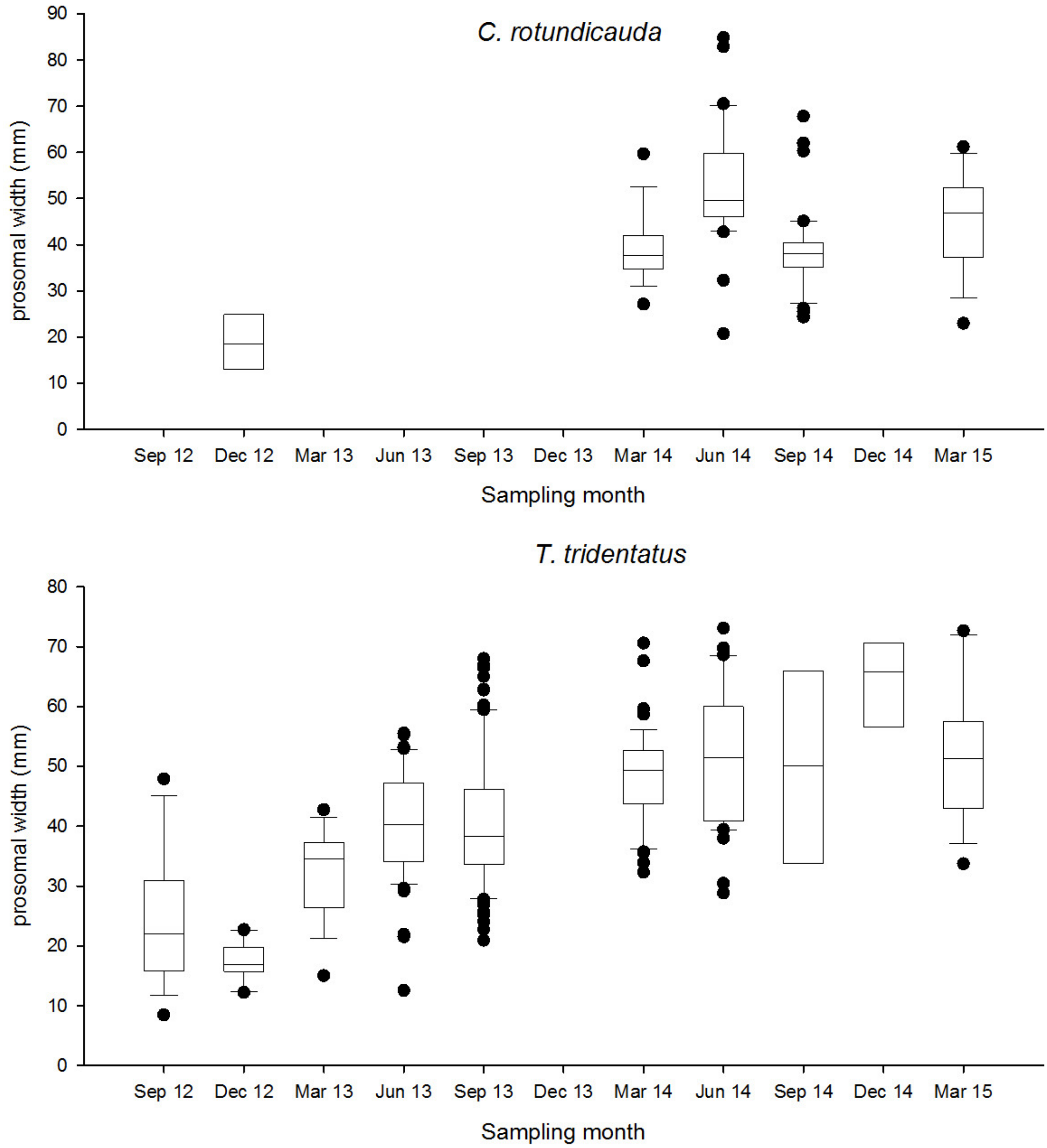


Figure 3.4. *Box plot of prosomal width of horseshoe crab in the sampling zone ST along the sampling months. (The box represents 50% of the sample (upper to lower quartile) with a middle line showing the median value. The upper whisker and lower whisker showed the 25% of sample above upper quartile and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

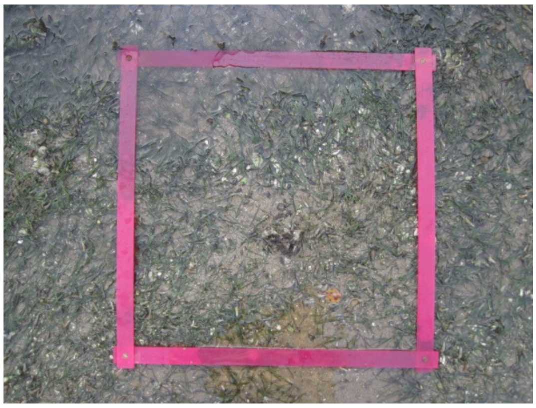
Table 3.3. *Record of seagrass beds survey in every sampling zone*

Estimated area (m^2)	Estimated coverage (%)		GPS coordinate		Remark
TC1 (search hour = 2 hrs) & TC2 (search hour = 2 hrs) & TC3 (search hour = 3 hrs)					
No record					
ST (search hour = 3 hrs)		*Halophila ovalis*			
1.0	30	\	22º 17.210' N	113º 55.475' E	A small patch of seagrass bed nearby the seaward side of mangrove area at tidal level 2.0m above C.D., coinhabiting with another seagrass species
4.0	30	\	22º 17.212' N	113º 55.475' E	A small patch of seagrass bed nearby the seaward side of mangrove area at tidal level 2.0m above C.D., coinhabiting with another seagrass species
ST (search hour = 3 hrs)		*Zostera japonica*			
69.6	50-70	Horizontal line	22º 17.216' N -- 22º 17.199' N	113º 55.475' E -- 113º 55.473' E	A long strand nearby the seaward side of mangrove area at tidal level 2.0m above C.D.

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

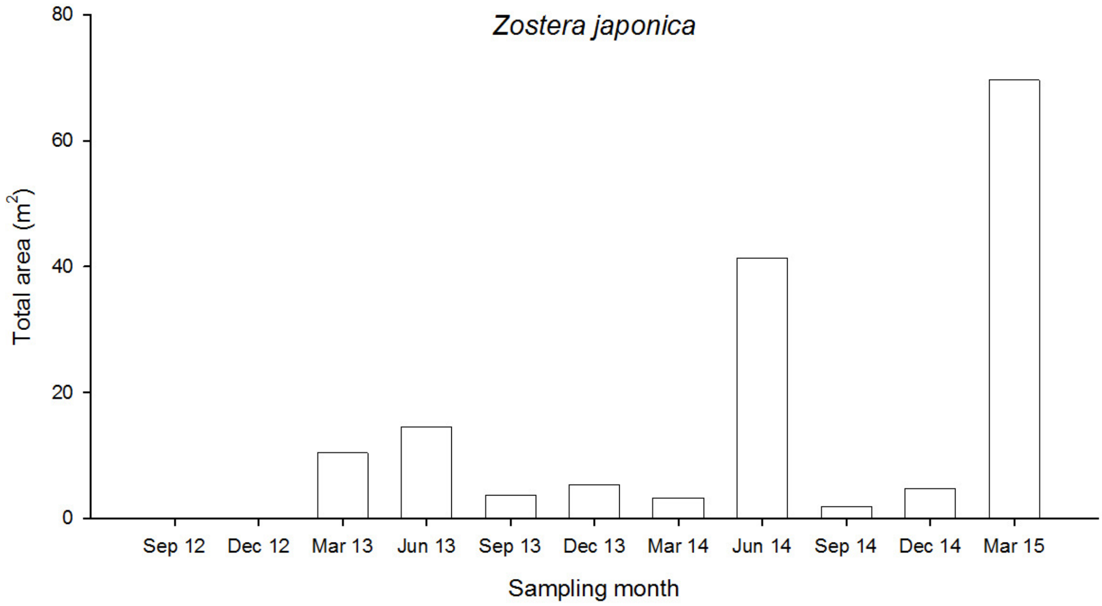
Summary	*Halophila ovalis*	*Zostera japonica*
no. of patches	2	1
Total area (m^2)	5	69.6
Average area (m^2)	2.5	23.2

Zostera japonica



Halophila ovalis

Figure 3.5. *Examples of photographic records of seagrass beds survey in ST (20 Mar. 2015)*



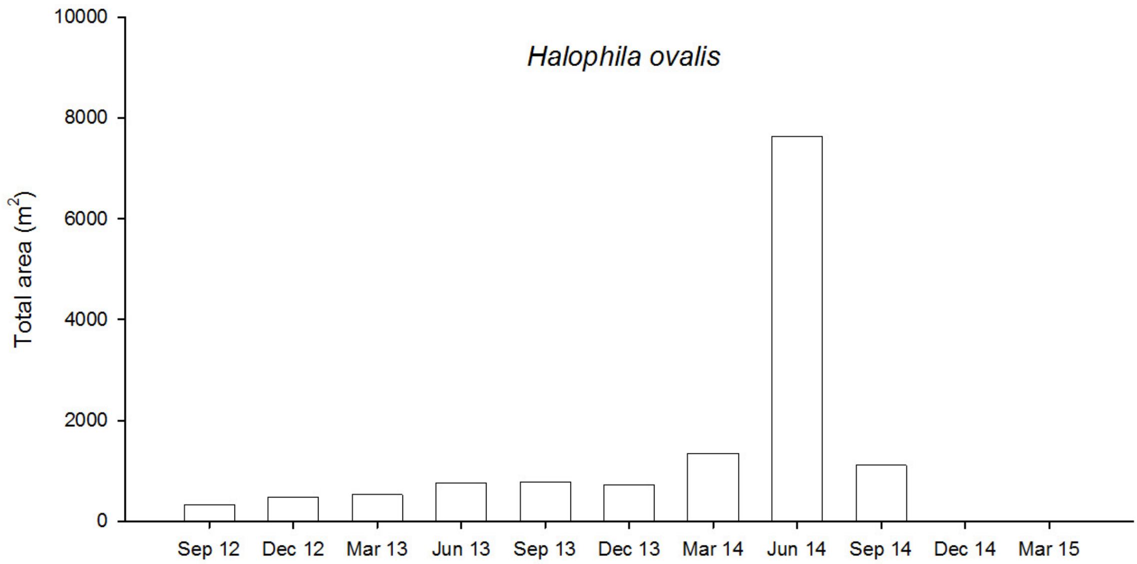


Figure 3.6. *Changes of estimated total area of seagrass beds in ST along the sampling months*

Figure 3.7. *Comparison of pictures between June 2014 (top). December 2014 (middle) and March 2015 (bottom) shows the disappearance of seagrass Halophila ovalis followed by replacement of seagrass Zostera japonica.*

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	80		20
	M	90	10	
	L	90	10	
TC2	H		50	50
	M		60	40
	L		30	70
TC3	H		50	50
	M		50	50
	L	100		
ST	H	100		
	M	80	20	
	L	30	40	30

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

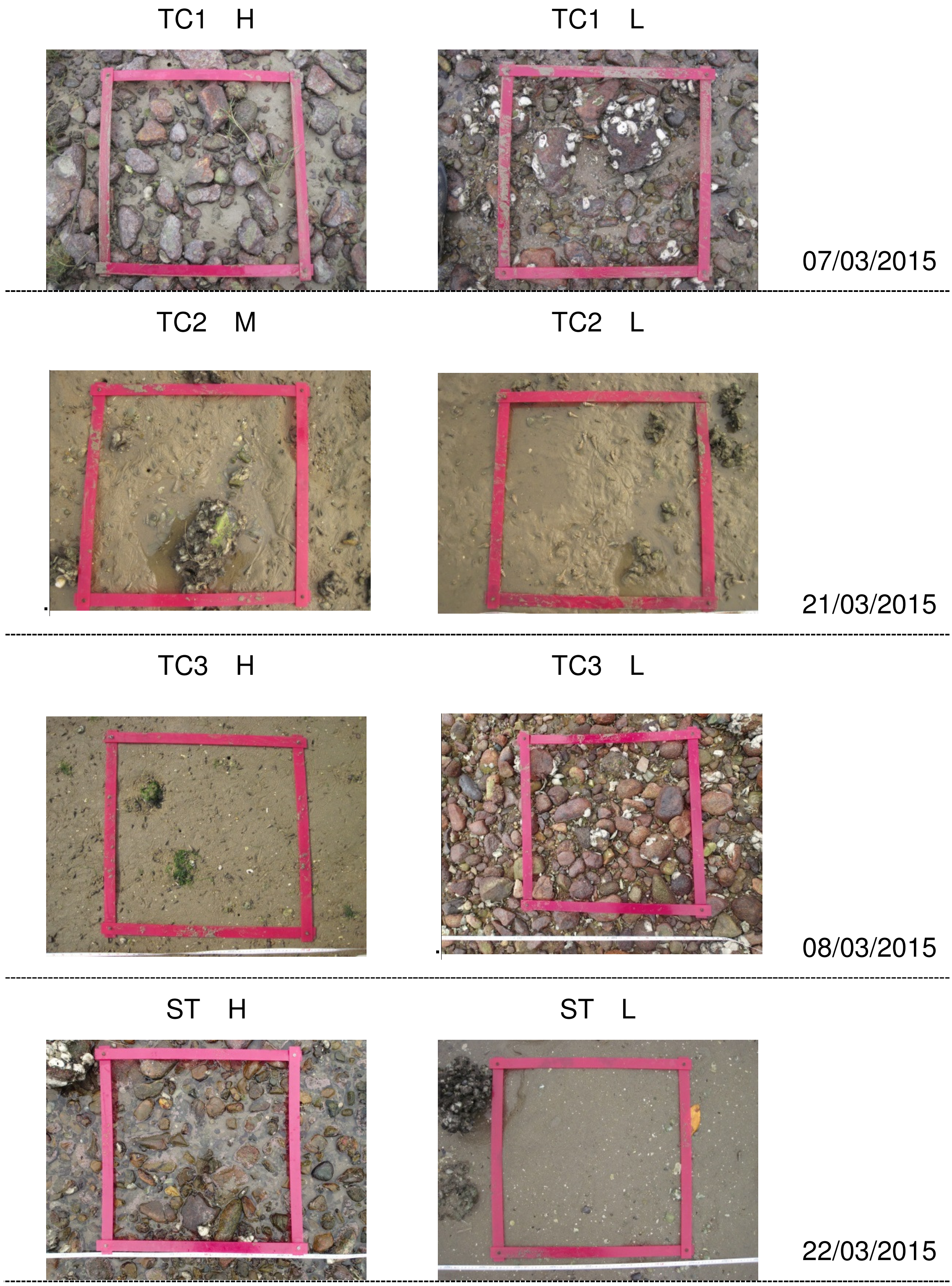


Figure 3.8. *Examples of photographic records of quadrat for intertidal soft shore community survey (H: 2.0 m above C.D.; M: 1.5 m above C.D.; L: 1.0 m above C.D.)*

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

Phylum	Total Abundance	%	Density (ind. m^{-2})	Number of taxon
Mar. 2015				
Mollusca	15115	97.9	504	45
Arthropoda	154	1.0	5	13
Annelida	75	0.5	3	8
Sipuncula	47	0.3	2	2
Cnidaria	36	0.2	1	1
Echinodermata	8	0.1	0	1
Nemertea	3	0.0	0	1
Chordata	1	0.0	0	1
Platyhelminthes	1	0.0	0	1
Total	15440			

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	15	0.3	2	27	0.8	4	31	0.8	4	2	0.1	0
Arthropoda	18	0.4	2	90	2.6	12	11	0.3	1	35	1.0	5
Chordata										1	0.0	0
Cnidaria										36	1.0	5
Echinodermata	5	0.1	1				2	0.1	0	1	0.0	0
Mollusca	4247	98.8	566	3387	96.4	452	3894	98.4	519	3587	97.7	478
Nemertea				2	0.1	0				1	0.0	0
Platyhelminthes										1	0.0	0
Sipuncula	15	0.3	2	8	0.2	1	18	0.5	2	6	0.2	1
Sub-total	4300			3514			3956			3670		

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*	434	77	77
Mid	G	*Batillaria multiformis*	446	69	69
	G	*Monodonta labio*	65	10	79
Low	Bi	*Saccostrea cucullata*	169	33	33
	G	*Batillaria multiformis*	136	27	60
	G	*Monodonta labio*	92	18	78

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*	506	66	66
	G	*Cerithidea cingulata*	144	19	85
Mid	G	*Cerithidea djadjariensis*	150	33	33
	Bi	*Saccostrea cucullata*	91	20	54
	G	*Batillaria zonalis*	54	12	66
Low	G	*Cerithidea djadjariensis*	62	33	33
	Bi	*Saccostrea cucullata*	41	22	55
	G	*Batillaria zonalis*	37	20	75

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	*Cerithidea djadjariensis*	290	47	47
	G	*Batillaria multiformis*	175	28	76
	G	*Cerithidea cingulata*	129	21	97
Mid	G	*Cerithidea djadjariensis*	264	46	46
	G	*Cerithidea cingulata*	161	28	73
	G	*Batillaria multiformis*	79	14	87
Low	Bi	*Saccostrea cucullata*	140	36	36
	G	*Monodonta labio*	109	28	65
	G	*Batillaria multiformis*	49	13	77

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*	288	42	42
	G	*Monodonta labio*	114	17	59
	Bi	*Saccostrea cucullata*	100	15	73
Mid	Bi	*Saccostrea cucullata*	136	24	24
	G	*Monodonta labio*	115	20	44
	G	*Batillaria multiformis*	92	16	60
Low	G	*Lunella coronata*	55	26	26
	Bi	*Saccostrea cucullata*	46	22	48

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	6	564	0.70		0.37	
	M	9	646	1.05	1.15	0.49	0.51
	L	12	510	1.69		0.68	
TC2	H	7	768	0.96		0.50	
	M	12	450	1.77	1.35	0.72	0.66
	L	7	187	1.33		0.74	
TC3	H	6	615	0.93		0.55	
	M	7	581	1.34	1.21	0.72	0.64
	L	10	387	1.37		0.64	
ST	H	15	686	1.81		0.67	
	M	13	571	1.87	1.81	0.72	0.73
	L	11	211	1.75		0.79	

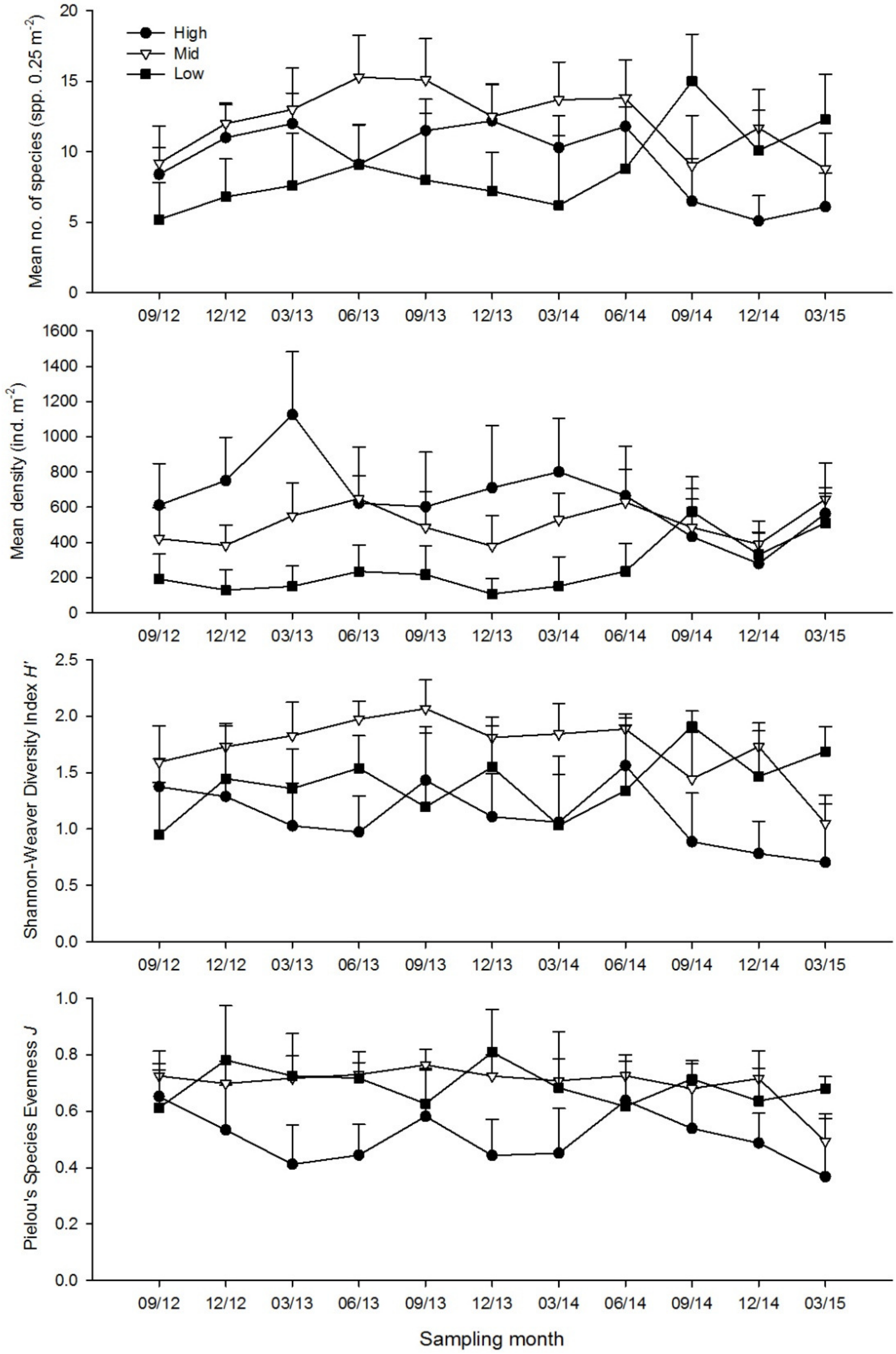


Figure 3.9. *Temporal changes of mean number of species, mean density, Shannon-Weaver Diversity Index (H') and Pielou's Species Evenness (J) (mean + SD) at every tidal level in sampling zone TC1*

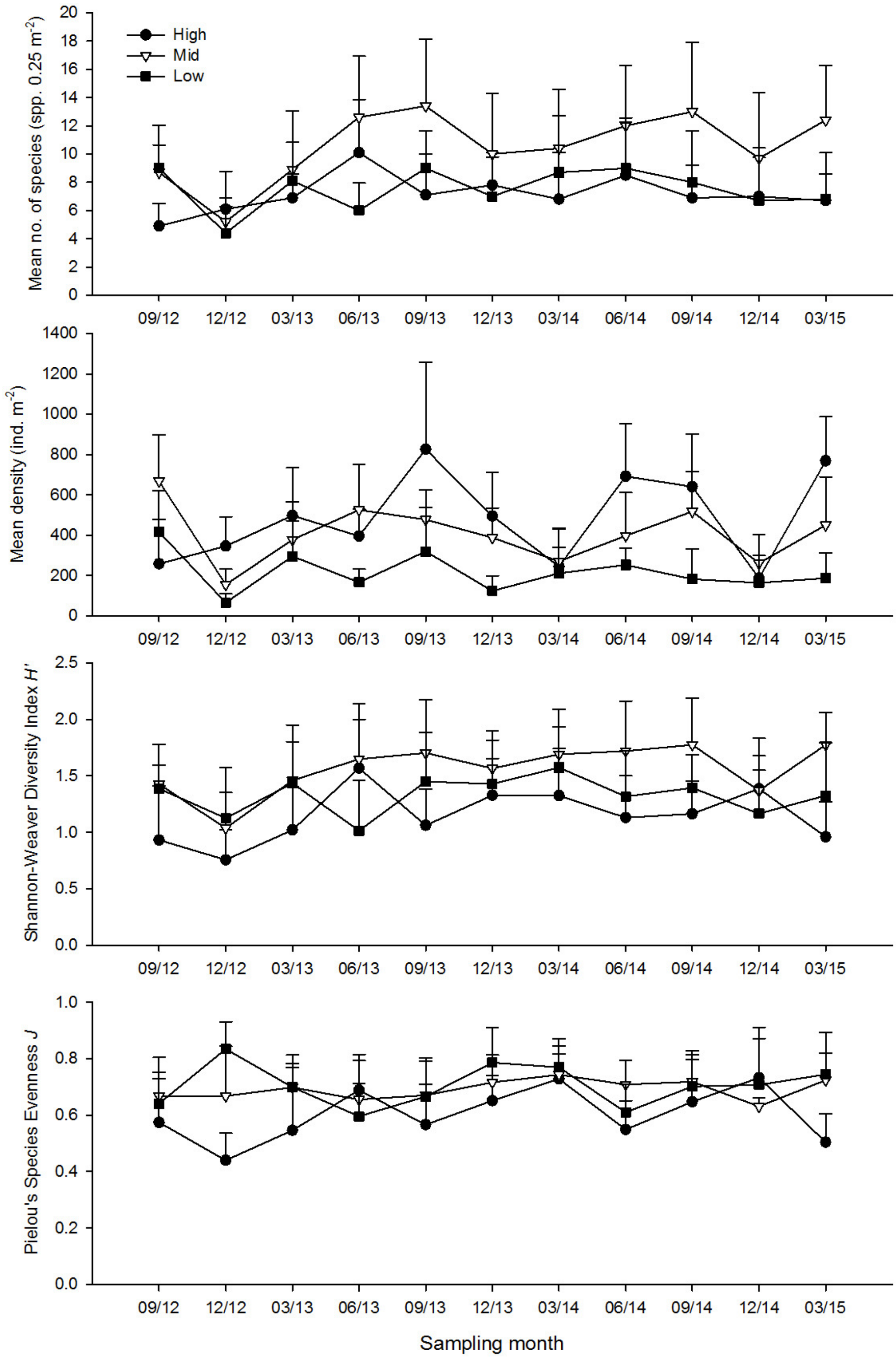


Figure 3.10. *Temporal changes of mean number of species, mean density, Shannon-Weaver Diversity Index (H') and Pielou's Species Evenness (J) (mean + SD) at every tidal level in sampling zone TC2*

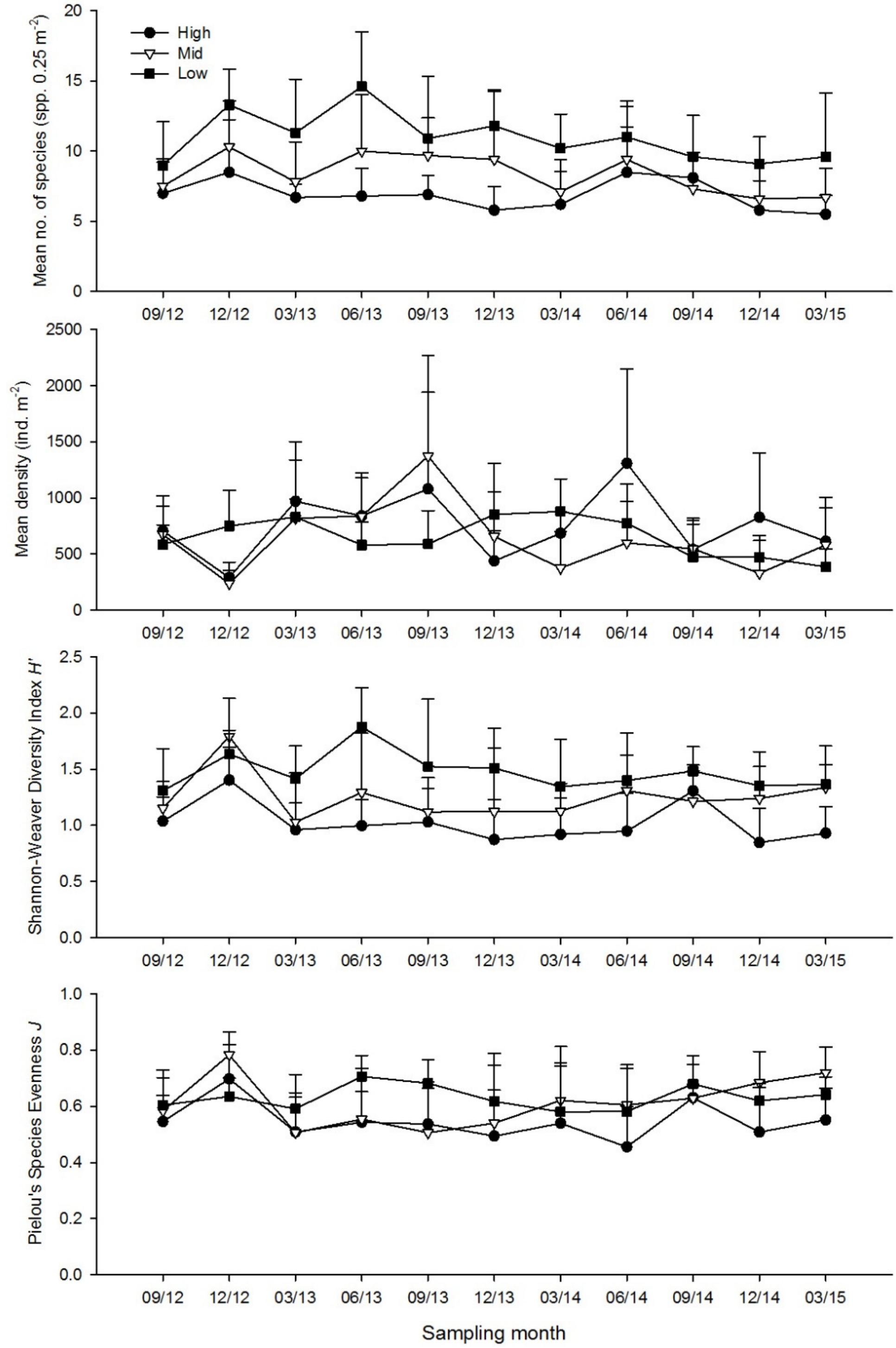


Figure 3.11. *Temporal changes of mean number of species, mean density, Shannon-Weaver Diversity Index (H') and Pielou's Species Evenness (J) (mean + SD) at every tidal level in sampling zone TC3*

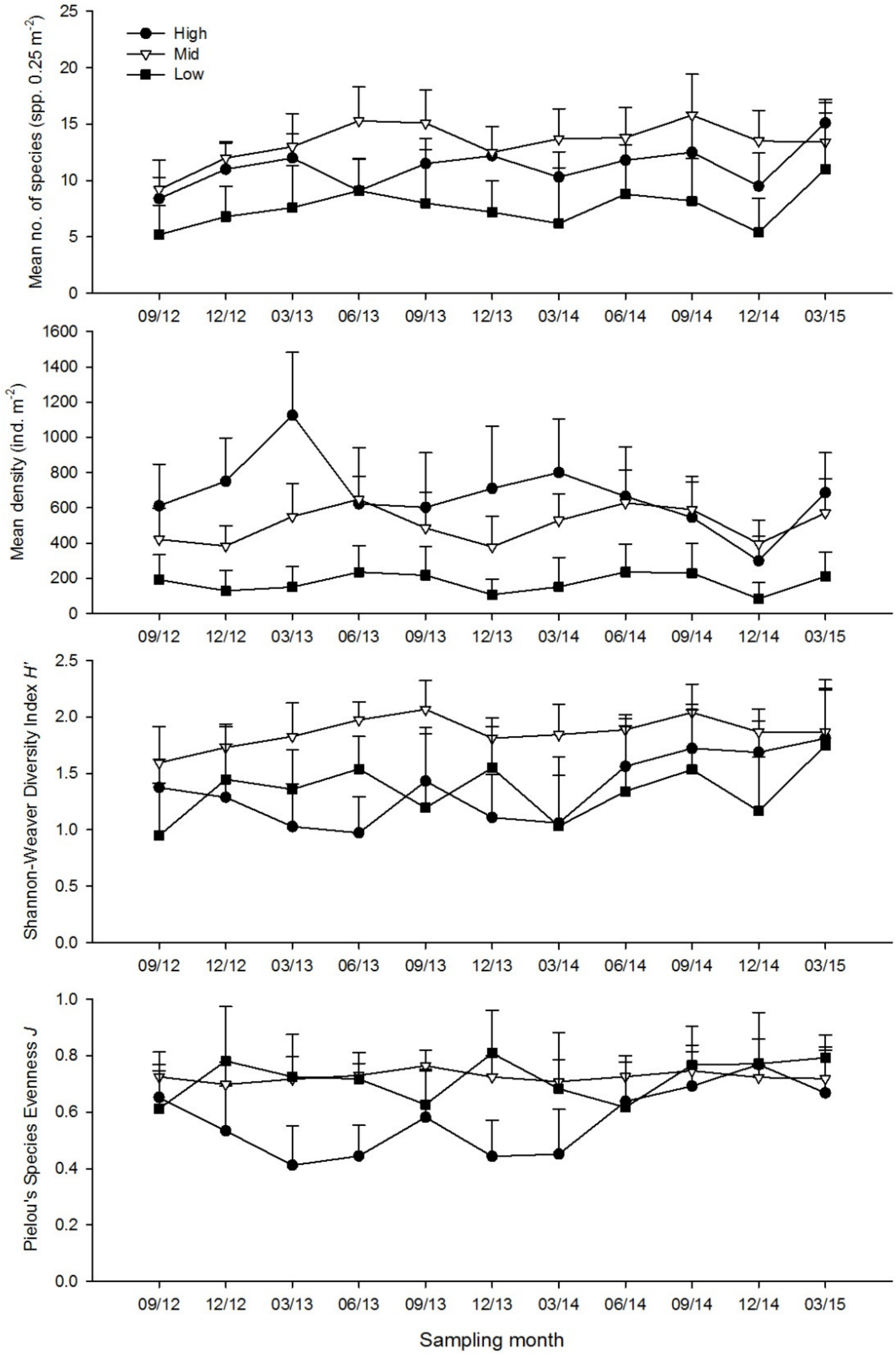


Figure 3.12. *Temporal changes of mean number of species, mean density, Shannon-Weaver Diversity Index (H') and Pielou's Species Evenness (J) (mean + SD) at every tidal level in sampling zone ST*

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

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

Kingdom	Phylum	Class	Order	Family	Species
Animalia	Annelida	Clitellata			Marine oligochaete spp.
Animalia	Annelida	Polychaeta	Eunicida	Onuphidae	Onuphidae spp.
Animalia	Annelida	Polychaeta	Phyllodocida	Nereididae	Nereididae spp.
Animalia	Annelida	Polychaeta	Sabellida	Oweniidae	Oweniidae spp.
Animalia	Annelida	Polychaeta	Terebellida	Cirratulidae	Cirratulidae spp.
Animalia	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharetidae spp.
Animalia	Annelida	Polychaeta	Terebellida	Pectinariidae	Pectinariidae spp.
Animalia	Annelida	Polychaeta		Maldanidae	Maldanidae spp.
Animalia	Arthropoda	Malacostraca	Decapoda	Penaeidae	*Penaeus* sp.
Animalia	Arthropoda	Malacostraca	Decapoda	Diogenidae	*Clibanarius* sp.
Animalia	Arthropoda	Malacostraca	Decapoda	Paguridae	*Pagurus dubius*
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	Sesarmidae	*Nanosesarma minutum*
Animalia	Arthropoda	Malacostraca	Decapoda	Sesarmidae	*Perisesarma fasciata*
Animalia	Arthropoda	Malacostraca	Decapoda	Varunidae	*Hemigrapsus penicillatus*
Animalia	Arthropoda	Malacostraca	Decapoda	Xanthidae	*Etisus laevimanus*
Animalia	Arthropoda	Malacostraca	Decapoda	Alpheidae	*Alpheus brevicristatus*
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	Holothuroidea			Sea cucumber spp.
Animalia	Mollusca	Bivalvia	Veneroida	Corbiculidae	*Geloina erosa*
Animalia	Mollusca	Bivalvia	Veneroida	Glauconomidae	*Glauconome chinensis*
Animalia	Mollusca	Bivalvia	Veneroida	Psammobiidae	*Soletellina diphos*
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	*Marcia japonica*
Animalia	Mollusca	Bivalvia	Veneroida	Veneridae	*Ruditapes philippinarum*
Animalia	Mollusca	Bivalvia	Arcoida	Arcidae	*Barbatia signata*
Animalia	Mollusca	Bivalvia	Arcoida	Arcidae	*Barbatia virescens*

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

Kingdom	Phylum	Class	Order	Family	Species
Animalia	Mollusca	Bivalvia	Arcoida	Arcidae	*Scapharca cornea*
Animalia	Mollusca	Bivalvia	Mytiloida	Mytilidae	*Xenostrobus atrata*
Animalia	Mollusca	Bivalvia	Ostreoida	Ostreidae	*Saccostrea cucullata*
Animalia	Mollusca	Bivalvia	Pterioida	Pteriidae	*Isognomon isognomon*
Animalia	Mollusca	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	Littorinimorpha	Assimineidae	*Assiminea lutea*
Animalia	Mollusca	Gastropoda	Littorinimorpha	Littorinidae	*Littoraria articulata*
Animalia	Mollusca	Gastropoda	Littorinimorpha	Littorinidae	Peasiella spp.
Animalia	Mollusca	Gastropoda	Neogastropoda	Buccinidae	*Pisania ignea*
Animalia	Mollusca	Gastropoda	Neogastropoda	Muricidae	*Thais luteostoma*
Animalia	Mollusca	Gastropoda	Cephalaspidea	Philinidae	*Philine vitrea*
Animalia	Mollusca	Gastropoda	Pulmonata	Ellobiidae	*Pythia cecillei*
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		Lottiidae	*Patelloida saccharina*
Animalia	Mollusca	Gastropoda		Nacellidae	*Cellana grata*
Animalia	Mollusca	Gastropoda		Nacellidae	*Cellana toreuma*
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.

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

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

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

Mar 2015 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																2
Bi	*Saccostrea cucullata*			11						1												12
Bi	*Xenostrobus atrata*															1						1
C	*Hemigrapsus penicillatus*															1						1
C	*Nanosesarma minutum*							3														3
Ec	Sea cucumber spp.									1												1
G	*Assiminea lutea*																	1				1
G	*Batillaria multiformis*	89		46		45	3	110		141		102		188		112		108		140		1084
G	*Batillaria zonalis*	4		2																		6
G	*Cellana toreuma*					1																1
G	*Cerithidea cingulata*	31		18		4	1			2												56
G	*Cerithidea djadjariensis*	40		20		42	19	2		3										1		127
G	*Cerithidea rhizophorarum*	3					3					1		2								9
G	*Clithon faba*	1		8																		9
G	*Clithon oualaniensis*	1		1																		2
G	*Lepidozona* sp.			1																		1
G	*Littoraria articulata*							8		2		3				2				2		17
G	*Lunella coronata*			1																		1
																					Total	699

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

Mar 2015 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	*Monodonta labio*	1						20		6		2		1		14		6		12		62
G	*Nassarius festivus*	4																				4
G	*Nassarius* sp.					4																4
G	*Pythia cecillei*							3														3
Ol	Marine oligochaete spp.																			1		1
P	Maldanidae spp.						1					1										2
																					Total	1410

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

Mar 2015 Sampling zone TC 1 Mid tidal level (1.5 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
Bi	*Barbatia signata*											1						1				2
Bi	*Geloina erosa*													3								3
Bi	*Glauconome chinensis*		1																			1
Bi	*Saccostrea cucullata*			7		16		11		9		13				8		24				88
Bi	*Xenostrobus atrata*					2						2		6				1				11
C	*Nanosesarma minutum*																	1				1
C	*Perisesarma fasciata*													1								1
C	*Uca vocans*			1																		1
Ec	Sea cucumber spp.			1				1				1										3
G	*Batillaria multiformis*	50	2	54		209		126		171		103		110		78		106		105		1114
G	*Cellana toreuma*					1				1								1				3
G	*Cerithidea cingulata*	10	7					5		1						1		3				27
G	*Cerithidea djadjariensis*	43	3	9		3		29		6		1		1		10		15				120
G	*Cerithidea rhizophorarum*	5						1		2		2				1						11
G	*Clithon faba*															1						1
G	*Clithon oualaniensis*	1																				1
G	*Littoraria articulata*					7				2		3		19				1		14		46
G	*Lunella coronata*							1										1				2
G	*Monodonta labio*	4		27		29		14		20		17		12		20		14		5		162

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

Mar 2015 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	*Nassarius festivus*	1																				1
G	*Nassarius hepaticus*	1																				1
G	*Nerita polita*																	1				1
G	*Patelloida pygmaea*					2						1		1				1				5
Hc	*Clibanarius* sp.					1																1
Ol	Marine oligochaete spp.					1								2		1				1		5
P	Ampharetidae spp.		1																			1
P	Nereididae spp.									1												1
Sp	*Sipunculus nudus*											1										1

Total 1615

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

Mar 2015 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
Bi	*Barbatia signata*	7				3		1				4		4								19
Bi	*Barbatia virescens*							5				5		2								12
Bi	*Saccostrea cucullata*	85				44		65		16		47		60		40		34		31		422
Bi	*Xenostrobus atrata*	7				1		1				3		1						3		16
C	*Hemigrapsus penicillatus*																	2				2
C	*Metopograpsus latifrons*							1														1
C	*Nanosesarma minutum*	1				1								3						1		6
Ec	Sea cucumber spp.															1						1
G	*Batillaria bornii*			1		2																3
G	*Batillaria multiformis*	59		5		9		19		15		32		45		66		51		40		341
G	*Batillaria zonalis*			20		1																21
G	*Cellana toreuma*	5				2		12		3				1								23
G	*Cerithidea cingulata*	1				5		2				1								1		10
G	*Cerithidea djadjariensis*	4		10						1		2				2		5		6		30
G	*Cerithidea rhizophorarum*	1		1		2		1												6		11
G	*Clithon faba*					1				1								6		1		9
G	*Clithon oualaniensis*	1				1		1		1								1		4		9
G	*Euchelus scaber*							5														5
G	*Lepidozona* sp.					1																1

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

Mar 2015 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	*Littoraria articulata*	2						3										1		1		7
G	*Lunella coronata*	12				10		10		3		3		4		3		3		8		56
G	*Monodonta labio*	19				4		25		17		28		38		42		33		25		231
G	*Nassarius festivus*															1						1
G	*Nassarius* sp.									1												1
G	*Nerita polita*	1										1				2		3		1		8
G	*Nipponacmea concinna*													2						1		3
G	*Patelloida pygmaea*											4						1		1		6
Hc	*Clibanarius* sp.																			1		1
Ol	Marine oligochaete spp.															1						1
P	Maldanidae spp.				1	1																2
P	Onuphidae spp.				1																	1
P	Oweniidae spp.				1																	1
Sp	*Sipunculus nudus*					7						4		1				1		1		14
																					Total	1275

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

Mar 2015 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
Bi	*Barbatia signata*					1																1
Bi	*Saccostrea cucullata*					69								7		3		2		8		89
Bi	*Xenostrobus atrata*													3								3
C	*Uca lactea*	6												1		3		6		1		17
G	*Batillaria multiformis*					2				7		6		10	1	10	1	10	1	5		53
G	*Batillaria zonalis*											3		6	1	21		10		25		66
G	*Cerithidea cingulata*	24		11		7		38	1	41		24	1	45	1	47	2	57		57	5	361
G	*Cerithidea djadjariensis*	85		89		87		191	3	160		106	2	151	2	137	9	160	1	79	3	1265
G	*Cerithidea rhizophorarum*	3						2		3				10		9		5		7		39
G	*Lunella coronata*					3														2		5
G	*Monodonta labio*					1				1		1		2		2				3		10
G	*Nassarius festivus*			2				2														4
G	*Nerita polita*									1												1
G	*Patelloida pygmaea*													1								1
G	*Philine vitrea*	3																				3
Ne	Nemertea spp.				1																	1
P	Ampharetidae spp.		1		1																	2
																					Total	1921

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

Mar 2015 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*			1								2										3
Bi	*Barbatia signata*											1		7		3						11
Bi	*Barbatia virescens*	1		2								9		6		4						22
Bi	*Isognomon isognomon*																			1		1
Bi	*Ruditapes philippinarum*															1		1				2
Bi	*Saccostrea cucullata*	25		17				7		12		81		32		54						228
Bi	*Xenostrobus atrata*	3																				3
C	*Hemigrapsus penicillatus*											1				2				1		4
C	*Metopograpsus latifrons*											1										1
C	*Nanosesarma minutum*	1										2		1		4						8
C	*Uca lactea*																	11				11
C	*Uca vocans*														1							1
G	*Batillaria bornii*											2				12				1		15
G	*Batillaria multiformis*	8		3				2		1		8		5		3		6		5		41
G	*Batillaria zonalis*			5		6		4	1			21	2	28	2	19	1	25	3	17	2	136
G	*Cellana grata*	1		1																		2
G	*Cellana toreuma*	1								2						4						7
G	*Cerithidea cingulata*	5		8				7		2		7		16	1	4		36	1	17		104
G	*Cerithidea djadjariensis*	28		56		2		46		5		52		68	1	13		57		48		376

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

Mar 2015 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*			3				1				1		2				2	1	6		16
G	*Clithon oualaniensis*							1														1
G	*Dentalium sinuosum*																			1		1
G	*Euchelus scaber*															1						1
G	*Lepidozona* sp.									1												1
G	*Lunella coronata*			2				1		5		6		6		4				2		26
G	*Monodonta labio*	21		1						6		2		2		24						56
G	*Nassarius festivus*					1		3		3		1		1		1		1		2		13
G	*Nerita polita*									2						2						4
G	*Patelloida pygmaea*			1						2				3		2						8
G	*Patelloida saccharina*	2																				2
G	*Thais luteostoma*									1												1
Ne	Nemertea spp.					1																1
P	Maldanidae spp.				2		4	1													1	8
P	Onuphidae spp.						2															2
P	Oweniidae spp.																				1	1
Sp	*Sipunculus nudus*									1		2	1			3						7

Total 1125

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

Mar 2015 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*					9						18				11		3		1		42
Bi	*Anomalocardia squamosa*																		1	1		2
Bi	*Barbatia signata*																			1		1
Bi	*Barbatia virescens*																			6		6
Bi	*Circe* sp.														2							2
Bi	*Saccostrea cucullata*					11		9				28				24		15		16		103
Bi	*Xenostrobus atrata*											2										2
C	*Nanosesarma minutum*					1																1
G	*Batillaria bornii*																			5		5
G	*Batillaria multiformis*					1														1		2
G	*Batillaria zonalis*			1		17		10		1	1	19	1	2		18		22		1		93
G	*Cerithidea cingulata*	1																6		3		10
G	*Cerithidea djadjariensis*		1	6		9		25		22		9		9		15		27		33		156
G	*Cerithidea rhizophorarum*															1			1			2
G	*Lepidozona* sp.											2										2
G	*Lunella coronata*					5		5				4								3		17
G	*Nerita polita*																			1		1
G	*Patelloida pygmaea*															3						3
G	*Pisania ignea*							1														1

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

Mar 2015 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
Hc	*Clibanarius* sp.							1														1
Hc	*Pagurus dubius*					1																1
P	Maldanidae spp.				1				2		1						1		1			6
P	Onuphidae spp.			1									2		1		1				1	6
P	Oweniidae spp.								1						1							2
Sp	*Sipunculus nudus*																	1				1
																					Total	468

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

Mar 2015 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	*Circe* sp.		1																			1
Bi	*Geloina erosa*							1							1							2
Bi	*Saccostrea cucullata*			3		1				4				1								9
Bi	*Soletellina diphos*						1															1
C	*Uca* sp.									1												1
G	*Batillaria multiformis*	68	1	27		69		30		58		24		71	3	84	2	1				438
G	*Batillaria zonalis*	2		1						1												4
G	*Cerithidea cingulata*	63	1	36	1	25	2			52	1	102		12		21	2		1	2	1	322
G	*Cerithidea djadjariensis*	92		223	5	131		2		21		20		73		106	9	22		21	1	726
G	*Cerithidea rhizophorarum*	3		6		2		1		1				3			1	2		2		21
G	*Clithon oualaniensis*			1																		1
G	*Nassarius festivus*															2						2
G	*Nassarius hepaticus*											1										1
G	*Nassarius* sp.			1																		1
P	Maldanidae spp.												3								4	7
																					Total	1537

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

Mar 2015 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
Bi	*Circe* sp.														1							1
Bi	*Cyclina sinesis*		1																			1
Bi	*Marcia japonica*														1							1
Bi	*Ruditapes philippinarum*					1																1
G	*Batillaria bornii*									1												1
G	*Batillaria multiformis*	39		10		34		42		18		6		1	1			8		39		198
G	*Batillaria zonalis*	31	2	9	1	21		10		21		12		12		3		2		1		125
G	*Cerithidea cingulata*	81	3	72	7	76		70		35	1	8	2	1		4		8		34		402
G	*Cerithidea djadjariensis*	70	1	125	3	87		109		90	2	37	8	23		27	2	14		63		661
G	*Cerithidea rhizophorarum*			2		3		4		2		1		5		3		7		6		33
G	*Clithon oualaniensis*									1												1
G	*Nassarius festivus*									1				1								2
G	*Nassarius hepaticus*													2								2
P	Ampharetidae spp.				1										1		2					4
P	Maldanidae spp.							1					5		6		4					16
P	Onuphidae spp.														1							1
P	Pectinariidae spp.																1					1
S	*Penaeus* sp.	1																				1
																					Total	1452

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

Mar 2015 Sampling zone TC 3 Low tidal level (1.0 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
Bi	*Barbatia signata*			2								12										14
Bi	*Barbatia virescens*											3										3
Bi	*Saccostrea cucullata*	37		55		33		9		66		79		54		18						351
Bi	*Xenostrobus atrata*									2		1		3		20		3		11		40
C	*Etisus laevimanus*									1												1
C	*Hemigrapsus penicillatus*											1		1						1		3
C	*Metopograpsus latifrons*			1																		1
C	*Nanosesarma minutum*			1		1				1										1		4
Ec	Sea cucumber spp.									2												2
G	*Batillaria multiformis*	16		5		6		1		6		8		1		3		1		76		123
G	*Batillaria zonalis*											2		4								6
G	*Cellana toreuma*	5		3						4		2		1		3						18
G	*Cerithidea cingulata*	2		1						1		2		1								7
G	*Cerithidea djadjariensis*	1								1		3		2								7
G	*Cerithidea rhizophorarum*	1																		1		2
G	*Clithon oualaniensis*	1																				1
G	*Euchelus scaber*											3										3
G	*Lepidozona* sp.													2						1		3
G	*Littoraria articulata*					3		9		1						2		2		1		18

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

Mar 2015 Sampling zone TC 3 Low tidal level (1.0 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
G	*Lunella coronata*	13		2						4		17		9								45
G	*Monodonta labio*	31		35		36		41		21		24		5		43		12		25		273
G	*Nerita polita*	1		6						7		1		1								16
G	*Nipponacmea concinna*											3				1						4
G	*Patelloida pygmaea*											2										2
P	Cirratulidae spp.	1																				1
P	Maldanidae spp.													1								1
Sp	*Siphonosoma cumanense*	1																				1
Sp	*Sipunculus nudus*	2		5						1				9								17
																					Total	967

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

Mar 2015 Sampling zone ST High tidal level (2.0 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
Ba	*Balanus amphitrite*																	1		1		2
Bi	*Barbatia signata*															2						2
Bi	*Barbatia virescens*													9		2						11
Bi	*Saccostrea cucullata*	8		8		36		16		11		24		28		49		31		40		251
Bi	*Xenostrobus atrata*					1		3				1		3		5						13
C	*Etisus laevimanus*									1												1
C	*Hemigrapsus penicillatus*	1																				1
C	*Metopograpsus latifrons*																	1				1
C	*Nanosesarma minutum*					1														1		2
Cn	Sea anemone spp.	2				2				1		1		2		3		1		2		14
G	*Batillaria bornii*	5		7		3		4		9		8		4		10		2		7		59
G	*Batillaria multiformis*	68		160		41		230		29		43		34		42		39		34		720
G	*Batillaria zonalis*	4		1																		5
G	*Cellana grata*					1								6				4				11
G	*Cellana toreuma*	2		1		2		3		5		2		18		17		12		16		78
G	*Cerithidea cingulata*	8		5				2		4		10		1		4				2		36
G	*Cerithidea djadjariensis*	26		8		3		3		3		28		1		2		7		7		88
G	*Cerithidea rhizophorarum*	4						1				2								1		8
G	*Clithon faba*	2		1		3		3						1								10

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

Mar 2015 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	*Clithon oualaniensis*	2		1		2		4														9
G	*Euchelus scaber*													2		1				1		4
G	*Lepidozona* sp.									2												2
G	*Littoraria articulata*	1				1		1						2								5
G	*Lunella coronata*	3		4		4		1		8		4		12		5		7		2		50
G	*Monodonta labio*	15		10		46		29		9		21		38		37		44		35		284
G	*Nassarius festivus*											1		1		1						3
G	*Nassarius* sp.																	2				2
G	*Nerita polita*	3				4		2				2		5		6		1		5		28
G	*Nipponacmea concinna*							1		1		1										3
G	*Patelloida pygmaea*			1		1		1				3								2		8
G	*Planaxis sulcatus*													1								1
Ne	Nemertea spp.													1								1
P	Cirratulidae spp.									1												1
S	*Alpheus brevicristatus*							1														1

Total 1715

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

Mar 2015 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*									2		6				3				1		12
Bi	*Barbatia virescens*													5		12		2		2		21
Bi	*Isognomon isognomon*			1																		1
Bi	*Saccostrea cucullata*	43		38				43		36		37		27		50		27		39		340
Bi	*Xenostrobus atrata*	8						1		3		3				5		13				33
C	*Hemigrapsus penicillatus*							1														1
C	*Metopograpsus latifrons*																			1		1
C	*Nanosesarma minutum*	2						1		2		1						1				7
C	*Uca lactea*	6																				6
Cn	Sea anemone spp.	2								4		1		3		1		1		3		15
Ec	Sea cucumber spp.	1																				1
G	*Batillaria bornii*			3				22				16		5		17		8		17		88
G	*Batillaria multiformis*	3		19				2		48		29		13		61		20		34		229
G	*Batillaria zonalis*			4		2																6
G	*Cellana grata*			1				1		4		1		1		2		3		2		15
G	*Cellana toreuma*			9				2		6		8		24		13		15		3		80
G	*Cerithidea cingulata*			7		4		8		2		3		3		5		3		1		36
G	*Cerithidea djadjariensis*			18		49		7				2		1		4		2		1		84
G	*Cerithidea rhizophorarum*			1		3		2														6

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

Mar 2015 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	*Chlorostoma argyrostoma*					1																1
G	*Clithon oualaniensis*													2								2
G	*Lepidozona* sp.													1								1
G	*Lunella coronata*	4		17				26		10		16		14		10		7		6		110
G	*Monodonta labio*	21		14				9		57		26		27		44		47		43		288
G	*Nassarius festivus*			1				1								2						4
G	*Nerita polita*			1								1		1		3						6
G	*Nipponacmea concinna*									3				1				6				10
G	*Patelloida pygmaea*			1						7		1		3		6		1		2		21
G	Peasiella spp.													1								1
Sp	*Sipunculus nudus*	1																				1
																					Total	1427

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

Mar 2015 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																1
Bi	*Barbatia signata*			1										9		2		4		2		18
Bi	*Barbatia virescens*	5		1		2																8
Bi	*Circe* sp.								1		2		5									8
Bi	*Ruditapes philippinarum*			1																		1
Bi	*Saccostrea cucullata*	8		46		30				1						9		13		8		115
Bi	*Scapharca cornea*					1																1
Bi	*Xenostrobus atrata*	1				1								1								3
C	*Hemigrapsus penicillatus*			2														1				3
C	*Nanosesarma minutum*									1				5		1						7
Cn	Sea anemone spp.	1												3		2		1				7
F	Unidentified goby spp.															1						1
G	*Batillaria bornii*	1		20										1		8				12		42
G	*Batillaria multiformis*			2		3				2						1		2		1		11
G	*Batillaria zonalis*			1		16		3				6		2								28
G	*Cellana grata*																			1		1
G	*Cellana toreuma*	4		1																		5
G	*Cerithidea cingulata*			4						7						4		1		5		21
G	*Cerithidea djadjariensis*			4		2				3						7		1		10		27

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

Mar 2015 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	*Cerithidea rhizophorarum*	2		1																		3
G	*Chlorostoma argyrostoma*	1																				1
G	*Euchelus scaber*	6		5		3								2		6		2		1		25
G	*Lepidozona* sp.	2																2				4
G	*Lunella coronata*	30		17		12				2				5		18		28		25		137
G	*Monodonta labio*	5		3														1		1		10
G	*Nassarius festivus*	1										2	1	6		1				2		13
G	*Nerita polita*													2				2				4
G	*Patelloida pygmaea*	1		3		1								1		1						7
G	*Pisania ignea*			6																		6
G	*Thais luteostoma*													1				1				2
P	Cirratulidae spp.	1																				1
Pl	Platyhelminthes spp.																	1				1
S	*Penaeus* sp.					1																1
Sp	*Sipunculus nudus*					1						1		2				1				5
																					Total	528

APPENDIX J

Waste Flow Table

MONTHLY SUMMARY WASTE FLOW TABLE
Name of Department: HyD

Contract No.: HY/2011/03

Monthly Summary Waste Flow Table for 2015

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	15.778	0.000	15.778	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.189
Feb	6.949	0.000	6.949	0.000	0.000	15.059	0.000	0.000	0.000	0.000	0.130
Mar	15.496	0.000	15.496	0.000	0.000	23.217	0.000	0.000	0.000	0.000	0.098
Apr	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
May	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Jun	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Sub-total	38.222	0.000	38.222	0.000	0.000	38.276	0.000	0.000	0.000	0.000	0.416
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	38.222	0.000	38.222	0.000	0.000	38.276	0.000	0.000	0.000	0.000	0.416

Forecast of Total Quantities of C&D Materials to be Generated from the Contract*										
Total Quantity Generated	**Hard Rock and Large Broken Concrete**	**Reused in the Contract**	**Reused in Other Projects**	**Disposed as Public Fill**	**Imported Fill**	**Metals**	**Paper / Cardboard Packaging**	**Plastics** (see Note 3)	**Chemical Waste**	**Others, e.g. general refuse**
(in '000m^3)	**(in '000m^3)**	**(in '000m^3)**	**(in '000m^3)**	**(in '000m^3)**	**(in '000m^3)**	**(in '000kg)**	**(in '000kg)**	**(in '000kg)**	**(in '000kg)**	**(in '000m^3)**
310.805	21.788	224.130	40.265	24.622	1362.000	10.000	4.600	0.500	3.400	2.350

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 recycling.
(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 25-Nov-2012	13:42 hrs. 13:49 hrs 22:02 hrs. 22:08 hrs.	EPD (cc to HyD) EPD (cc to HyD)	Environmental (Air quality and Noise)	The noise is coming for the following sources: - power generator - engines from the barges used for marine operation - noise from the cranes use of the construction barges. - engine from the boat used to transport staff in and out - boats blowing their horn late in the evening and at night Gas emissions: - power generators - marine operation The complainant file again a complaint against the strong exhaust pipe emission flowing towards le Bleu Deux estate this afternoon 24/11/10 at 13:47. I can assure you that is it not "not that bad" whatever that means for you. And again strong noise of metallic parts being thrown on the ground. *I thought you have already sorted out that problem according to your multiple replies to my complaints since July???"* A pictures taken this morning (25/11/12) around 9:30am-10am showing the water pollution in different area outside the floating barriers. At 21:56 hrs., boat used by the Highway Department against blew their horn repetitively at close proximity from the residential estate.	WA6 Portion X			
COM-2012-012(1)	13-Nov-2012	22:27 hrs.	HyD	Environmental (Noise)	Once again your site continues to work late. The attached photo was taken at 10.15pm on Tuesday 13 Nov. The machinery used on the barges is very noisy. Why do you continue to work till 10pm and why do you work on a Sunday. Surely this is classified as a construction site for which you are in breach of various ordinances. An early reply is appreciated.	Portion X	The following further mitigation measures during the course of the reclamation works will be taken: • Installation of noise covers onto the generators / motors on all working barges; • Increase frequency of applying lubricant to all moving parts and gear wheels of the working barges to avoid generation of abnormal sound; and • Review of working hours for the reclamation works and switching off all unnecessary machinery and plants at nighttime and Sundays.	Closed	–
COM-2013-015	17-Jan-2013	–	EPD	Environmental (Air)	The complainant raised that construction dust was arising from construction site of China State Contruction Engineering (Hong Kong) Ltd near Siu Ho Wan Sewage Treatment Works due to insufficient dust suppression and inadequate wheel washing.	WA3	The Contractor of HY/2011/03 would take the following actions with immediate effect • To ensure no loosed earth material exposed at the edges of eth stockpiled earth materials i.e. to prevent erosion by wind and water ; • To cover the stockpiled earth material by adequate tarpaulin; • To enhance the frequency of watering (3 times per day) onto existing haul road and other area as appropriate; and • To install a water sprinkler system to enhance the existing dust suppression measures once the water point is ready for water supply by WSD.	Closed	

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

Complaint Register

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

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

Complaint Register

Complaint No.	Received Date	Received Time	Source	Category	Complaint Details	Location	Improvement Measures Taken	Status	Remarks
COM-2013-018 (11)	28-Apr-2013	15:44	EPD	Environmental (Noise)	The complainant complained that machinery noise generated from the reclamation site near Tung Chung Development Pier at around 22:00 of 28 April 2013 causing nuisance to public.	Portion X	The Contractor has been reminded to comply with CNP conditions for construction works undertaken during restricted hours. To minimize the potential noise impact during restricted hours, the Contractor has implemented the following additional measures: - Briefing given to the operator of the barges for proper operation of marine vessels; - Operating barge by experienced operators only; - Keeping adequate routine maintenance for barges e.g. application of lubricants into moving parts in order to avoid squeak noise; - Install noise covers onto noisy equipment where practicable. - Remind subcontractor only well-maintained plant should be operated on-site. - Speed up of construction works in order to shorten the duration (days) of potential noise impact/nuisance to the surrounding environment; and - Regular review of working hours for night time works and switch off all unnecessary machinery and plants at night time.	Closed	–
COM-2013-022	08-Apr-2013	--	EPD	Environmental (Water)	The complaint alleged that oil was dumped from various vessels operating for HZMB HK projects near Tung Chung Development Pier over the past few months. Photos were provided by the complainant.	Portion X	The Contractor has checked the photos provided by the complainant and confirmed that the vessels and boats shown in the photos do not belong to Contract No. HY/2011/03.As this complaint is not related to this Contract, no follow up action is required. The Contractor has reminded their subcontractors to implement the measures recommended in the Spill Response Plan (SRP) in case of accidental release of oils from vessel.	Closed	–
COM-2013-022(2)	23-May-2013	09:15 hrs	EPD	Environmental (Water)	This complaint was a follow-up of a previous complaint received by EPD on 8 April 2013 regarding oil slicks caused by vessels. It was alleged that oil was still being dumped from various vessels operating for HZMB HK projects near Tung Chung Development Pier over the past few months. On the other hand, the complainant would also like to know whether the owners of the vessels could present engine oil disposal records for the vessels which supported the HZMB project.	Portion X	The 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	–
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	-

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-2013-041	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	-
COM-2014-063	03-Dec-14	--	Arup	Environmental (Noise)	According to Arup's email to CSCE and DCVJV on 3 December 2014, "A resident living in Le Bleu Duex addressed a complaint to CE of HyD at about 20:04 hrs last night. He complained about the noise nuisance coming from site office since 19:30 hrs last night. epetitively metal parts had been dropped on the ground by people who seem to be loading or unloading a boat at the pier. Noise was still going on right now at 20:04."	WA6	Based on the investigation results, it is found that the noise complaint is not related to Contract No. HY/2011/03. In this case, no follow up action is required.	Closed	-

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Complaint Register

Complaint No.	Received Date	Received Time	Source	Category	Complaint Details	Location	Improvement Measures Taken	Status	Remarks
COM-2014-065	24-Dec-14	Nil	EPD	Environmental (Water Qulity)	A complaint was received on 24 December 2014 regarding the increase of marine refuse (water bottles and debris) along the shore from Yat Tung to Tai O, where the complainant considered might be in relation to the HZMB project(s).	Portion X	Based on the investigation results, it is considered that the complaint is unlikely related to HKLR03 Contract. Nevertheless, the Contractor is reminded to implement all recommended mitigation measures for waste management and avoid dumping rubbish into the sea.	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
04.12.2014	VEP issued	22.12.2014	EP-352/2009/D	Highways Department	N/A
16.01.2015	VEP Issued	19.01.2015	EP-353/2009/H	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

Dumping at Sea Ordinance

Item No.	Date Application Submitted	Works Area Applied	Description	Status	Permit No.	Validity of the permit	
						From	To
1	09.02.2015	SHT Tunnel	Cat. L Dredged / Excavated Sediment Requiring Type 1 – Open Sea Disposal Disposal	Permit issued on 24.02.2015	EP/MD/15-229	01.03.2015	30.06.2015

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	12.11.2014	WA4	Loading/ Unloading of stockpiles	CNP issued on 26.11.2014	GW-RW0934-14	04.12.2014 1900	03.06.2015 2300
2	28.11.2014	S16	Grouting works	CNP issued on 12.12.2014	GW-RS1409-14	12.12.2014 1900	11.05.2015 2300
3	31.12.2014	West Portal	Tunnel works	CNP issued on 16.01.2015	GW-RS0053-15	17.01.2015 0000	13.07.2015 2400
4	20.01.2015	Kwo Lo Wan	Grouting and Drilling	CNP issued on 30.01.2015	GW-RS0113-15	03.02.2015 1900	02.08.2015 2400
5	03.02.2015	Airport Road	Road Works	CNP issued on 12.02.2015	GW-RS0165-15	17.02.2015 1900	16.08.2015 2300
6	06.02.2015	S23	Canopy Pipe Works (Special Case)	CNP issued on 18.02.2015	GW-RS0167-15	23.02.2015 0000	22.08.2015 0500
7	27.02.2015	Reclamation Area	Sheet Piling	CNP issued on 13.03.2015	PP-RS0009-15	15.03.2015 0700	14.09.2015 1900
8	11.03.2015	WA3	Stockpiling/ wastewater treatment	CNP issued on 25.03.2015	GW-RS0294-15	28.03.2015 0000	27.09.2015 2400

Item No.	Date Application Submitted	Works Area Applied	Description	Status	CNP No.	Validity of CNP	
						From	To
9	13.03.2015	Airport Road	Road Lights Replacement	CNP issued on 27.03.2015	GW-RS0332-15	01.04.2015 2300	31.05.2015 0700
10	13.03.2015	Airport Road	Airport Road Maintenance (Special Case)	CNP issued on 27.03.2015	GW-RS0310-15	01.04.2015 0000	30.09.2015 0500
11	30.03.2015	Portion X	Marine Works	CNP issued on 02.04.2015	GW-RS0356-15	03.04.2015 0000	02.10.2015 2400

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/m2),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 control; • 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" and Record of "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.: 208

Date of Notification: 27th March 2015

Works Inspected: 1-hr TSP monitoring was undertaken on 06 March 2015

Monitoring Location: AMS5 – Ma Wan Chung Village

Parameter: 1-hour TSP monitoring

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

PARAMETER	STATION	AL ($\mu g/m^3$)	LL ($\mu g/m^3$)	MEASURED LEVEL, $\mu g/m^3$
1-hr TSP (13:21-14:21)	Ma Wan Chung Village	368	500	273.8
1-hr TSP (14:21-15:21)	Ma Wan Chung Village	368	500	***456.4***
1-hr TSP (15:21-16:21)	Ma Wan Chung Village	368	500	<u>***507.6***</u>

Notes: ***Bold Italic*** means AL exceedance
<u>***Bold Italic with underline***</u> means LL exceedance

Possible reason for Action or Limit Level Non-compliance:

One Action Level exceedance and one Limit level exceedance of 1-hr TSP level were recorded at AMS5 – Ma Wan Chung Village on 06 March 2015.

According to the information provided by the Contractor, the following construction activities were undertaken near AMS5 during the sampling period:

<u>Zone 2</u>

- Seawall construction

<u>Zone 3A</u>

- Seawall construction

The construction activities undertaken during the sampling period did not generate significant dust impact and these activities were undertaken far away from AMS5.

The general weather conditions at Tung Chung were haze during the dust sampling period. The haze weather would cause higher readings of the portable dust meter. The wind direction during the dust monitoring was east, so the particulate matters which generated from the Contract were unlikely to reach the dust monitoring station (AMS5). Therefore, it is considered that the exceedances are not related to the construction activities of the Contract and were caused by the weather condition.

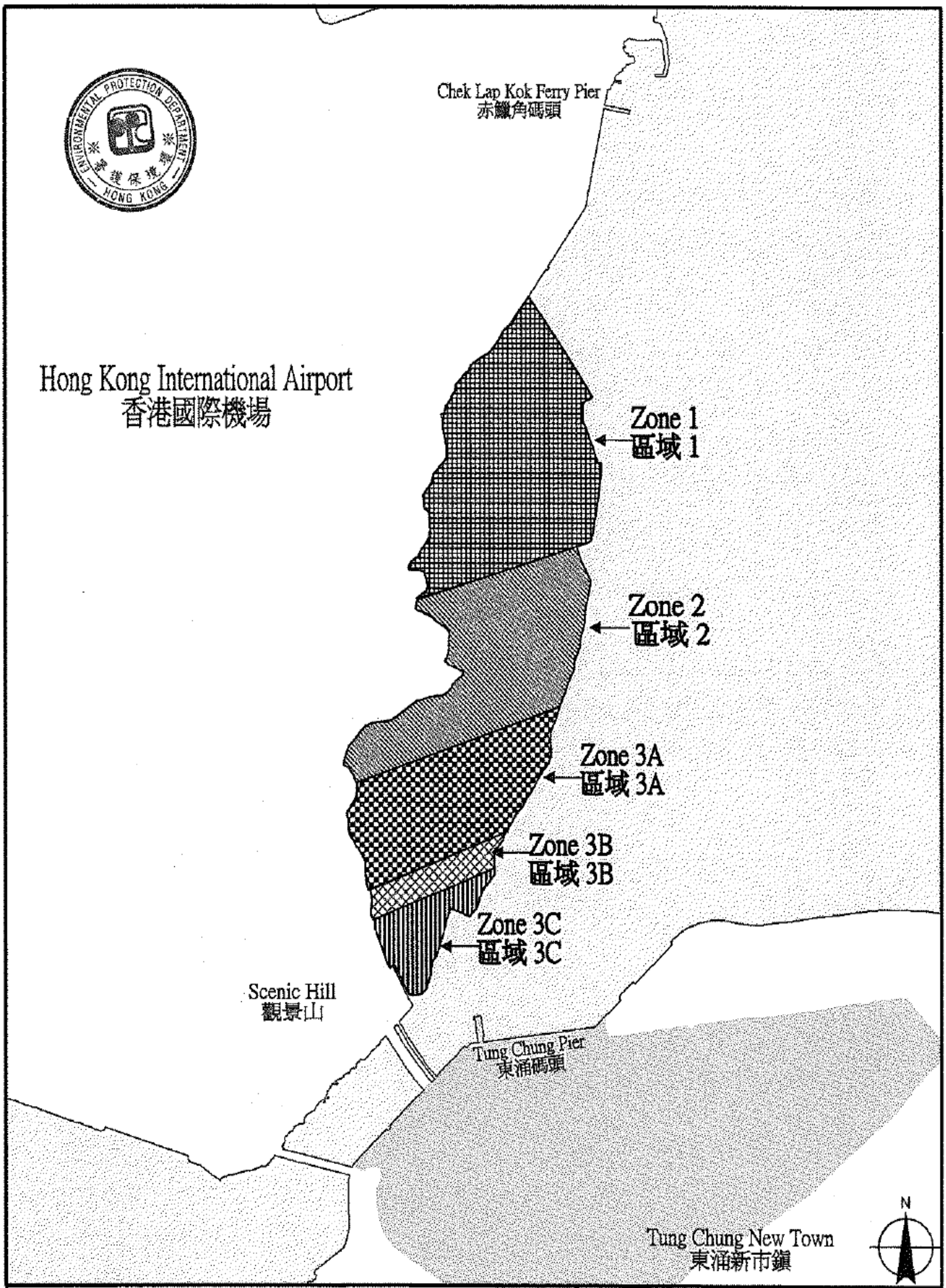
Actions taken/ to be taken:

No immediately actions are required.

Reviewed by : Claudine Lee Title : ET Leader

Date : 27th March 2015

Copied to : Supervising Officer and Contractor



環境保護署	噪音管制監督	圖例 Legend
Environmental Protection Department	Noise Control Authority	Zone 1 區域 1; Zone 2 區域 2; Zone 3A 區域 3A; Zone 3B 區域 3B; Zone 3C 區域 3C

Contract No. HY/2011/03 -
Hong Kong- Zhuhai- Macao Bridge
Hong Kong Link Road Section between Scenic Hill and Hong Kong Boundary Crossing Facilities
Notifications of Environmental Quality Limits Exceedances Notification No.: 209

Date of Notification: 27th March 2015

Works Inspected: Data collected from water sampling works on 04 March 2015 and the test report was issued on 11 March 2015.

Monitoring Location: Water Quality Monitoring Stations

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

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

PARAM	STATION	DEPTH	AL (mg/L)	LL (mg/L)	MEASURED AT MID-EBB TIDE (mg/L)	MEASURED AT MID-FLOOD TIDE (mg/L)
SS	IS8	DA	**23.5** and 120% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 4.68 x 120% = **5.6** mg/L for mid ebb) AND CS(Mf)5: 3.22 x 120% = **3.9** mg/L for mid flood)	**34.4** and 130% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 4.68 x 130% = **6.1** mg/L for mid ebb) AND CS(Mf)5: 3.22 x 130% = **4.2** mg/L for mid flood)	5.2	***27.4***

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

Possible reason for Action or Limit Level Non-compliance:

On 04 March 2015, an AL exceedance of suspended solid at station IS8 was recorded 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. Seawall construction works at Zones 2 and 3A were carried out within silt curtain as recommended in the EIA Report.
2. The ranges of suspended solid at station IS8 during the baseline monitoring are shown as below:

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

   The measured value at the station IS8 was within the range of suspended solid during baseline monitoring for the mid-flood tide. In addition, there were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.

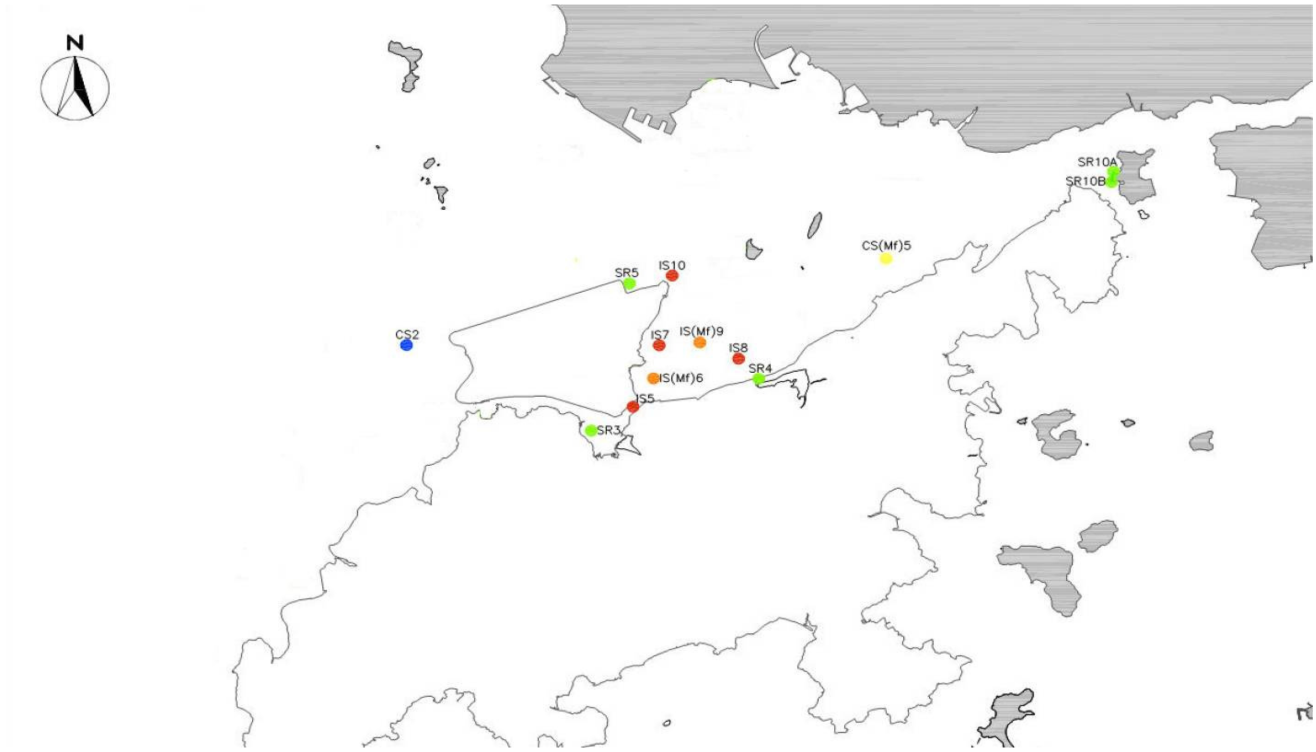
3. No leakage of turbid water or any abnormity or malpractice was observed during the sampling exercise.

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

Actions taken/ to be taken:

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

Location Plan:



Reviewed by	:	Claudine Lee	Title :	ET Leader
			Date :	27th March 2015

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

Contract No. HY/2011/03 -
Hong Kong- Zhuhai- Macao Bridge
Hong Kong Link Road Section between Scenic Hill and Hong Kong Boundary Crossing Facilities
Notifications of Environmental Quality Limits Exceedances Notification No.: 210

Date of Notification: 27th March 2015

Works Inspected: Data collected from water sampling works on 09 March 2015 and the test report was issued on 16 March 2015.

Monitoring Location: Water Quality Monitoring Stations

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

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

PARAM	STATION	DEPTH	AL (mg/L)	LL (mg/L)	MEASURED AT MID-EBB TIDE (mg/L)	MEASURED AT MID-FLOOD TIDE (mg/L)
SS	SR4	DA	**23.5** and 120% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 4.32 x 120% = **5.2** mg/L for mid ebb) AND CS(Mf)5: 3.68 x 120% = **4.4** mg/L for mid flood)	**34.4** and 130% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 4.32 x 130% = **5.6** mg/L for mid ebb) AND CS(Mf)5: 3.68 x 130% = **4.8** mg/L for mid flood)	6.1	***27.2***

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

Possible reason for Action or Limit Level Non-compliance:

On 09 March 2015, an AL exceedance of suspended solid at station SR4 was recorded 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. Seawall construction works at Zones 1, 2 and 3A were carried out within silt curtain as recommended in the EIA Report.
2. The ranges of suspended solid at station SR4 during the baseline monitoring are shown as below:

Station	Range of Suspended Solid (mg/L) Mid- Ebb Tide			Range of Suspended Solid (mg/L) Mid- Flood Tide		
SR4	5.3	to	20	5.6	to	24.5

   The measured value at station SR4 was slightly above the range of suspended solid during baseline monitoring for the mid-flood tide. However, there were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.

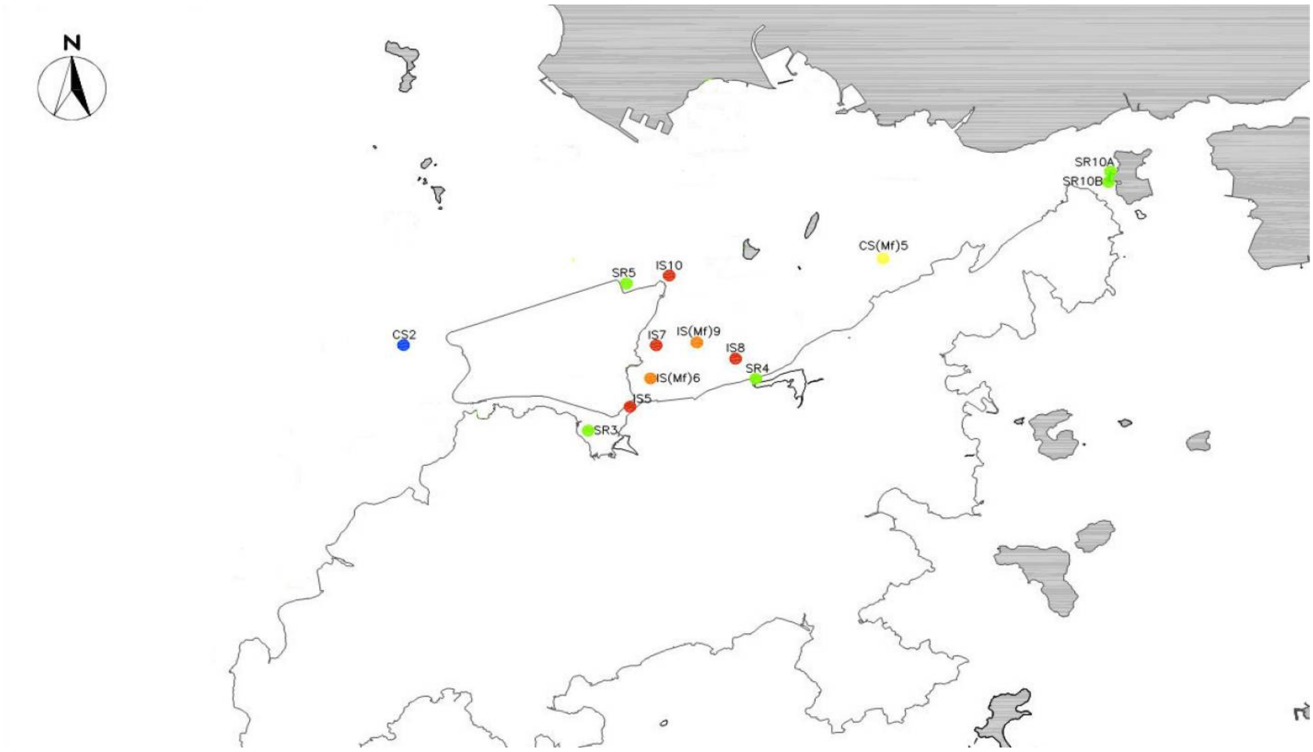
3. No leakage of turbid water or any abnormity or malpractice was observed during the sampling exercise.

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

Actions taken/ to be taken:

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

Location Plan:



Reviewed by : Claudine Lee

Title : ET Leader

Date : 27th March 2015

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

Contract No. HY/2011/03 -
Hong Kong- Zhuhai- Macao Bridge
Hong Kong Link Road Section between Scenic Hill and Hong Kong Boundary Crossing Facilities
Notifications of Environmental Quality Limits Exceedances Notification No.: 211

Date of Notification: 9 April 2015

Works Inspected: Data collected from water sampling works on 23 March 2015 and the test report was issued on 30 March 2015.

Monitoring Location: Water Quality Monitoring Stations

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

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

<table>
<tr><th>PARAM</th><th>STATION</th><th>DEPTH</th><th>AL (mg/L)</th><th>LL (mg/L)</th><th>MEASURED AT MID-EBB TIDE (mg/L)</th><th>MEASURED AT MID-FLOOD TIDE (mg/L)</th></tr>
<tr><td>SS</td><td>IS10</td><td>DA</td><td rowspan="2">23.5 and 120% of upstream control station’s suspended solid at the same tide of the same day (i.e. CS2: 7.62 x 120% = 9.1 mg/L for mid ebb) AND CS(Mf)5: 6.73 x 120% = 8.1 mg/L for mid flood)</td><td rowspan="2">34.4 and 130% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2:7.62 x 130% = 9.9 mg/L for mid ebb) AND CS(Mf)5: 6.73 x 130% = 8.8 mg/L for mid flood)</td><td>6.2</td><td>24.7</td></tr>
<tr><td>SS</td><td>SR5</td><td>DA</td><td>6.4</td><td>25.0</td></tr>
</table>

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

Possible reason for Action or Limit Level Non-compliance:

On 23 March 2015, AL exceedances of suspended solid at stations IS10 and SR5 were recorded during the mid-flood tide. The exceedances have been investigated and are considered unlikely to be related to contract works due to the following reasons:

1. Seawall construction works at Zones 1, 2 and 3A were carried out within silt curtain as recommended in the EIA Report.
2. The ranges of suspended solid at stations IS10 and SR5 during the baseline monitoring are shown as below:

Station	Range of Suspended Solid (mg/L) Mid- Ebb Tide			Range of Suspended Solid (mg/L) Mid- Flood Tide		
IS10	6.1	to	20.2	7.2	to	16
SR5	6.7	to	16.5	6.5	to	31.2

The measured value at station SR5 was below the range of suspended solid during baseline monitoring for the mid-flood tide. The measured value at station IS10 was above the range of suspended solid during baseline monitoring for the mid-flood tide. However, there were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.

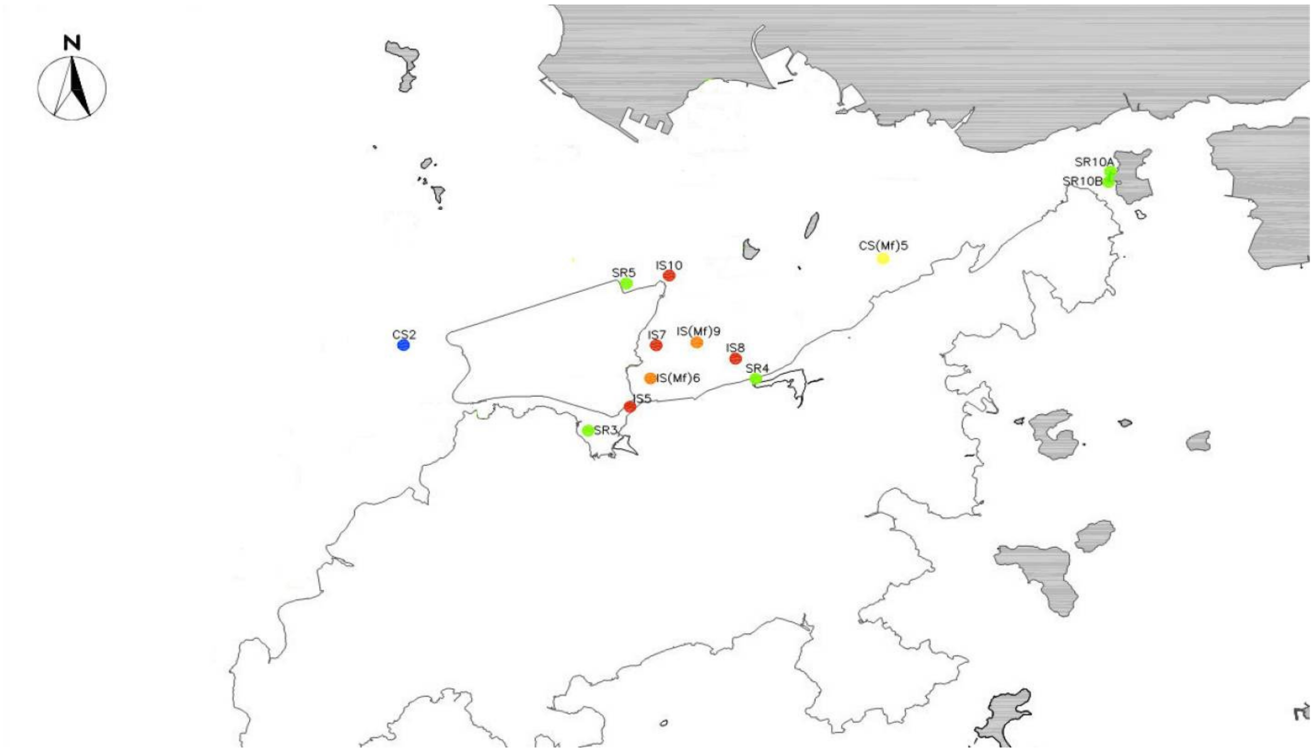
3. No leakage of turbid water or any abnormity or malpractice was observed during the sampling exercise.

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

Actions taken/ to be taken:

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

Location Plan:



Reviewed by : Claudine Lee

Title : ET Leader

Date : 9 April 2015

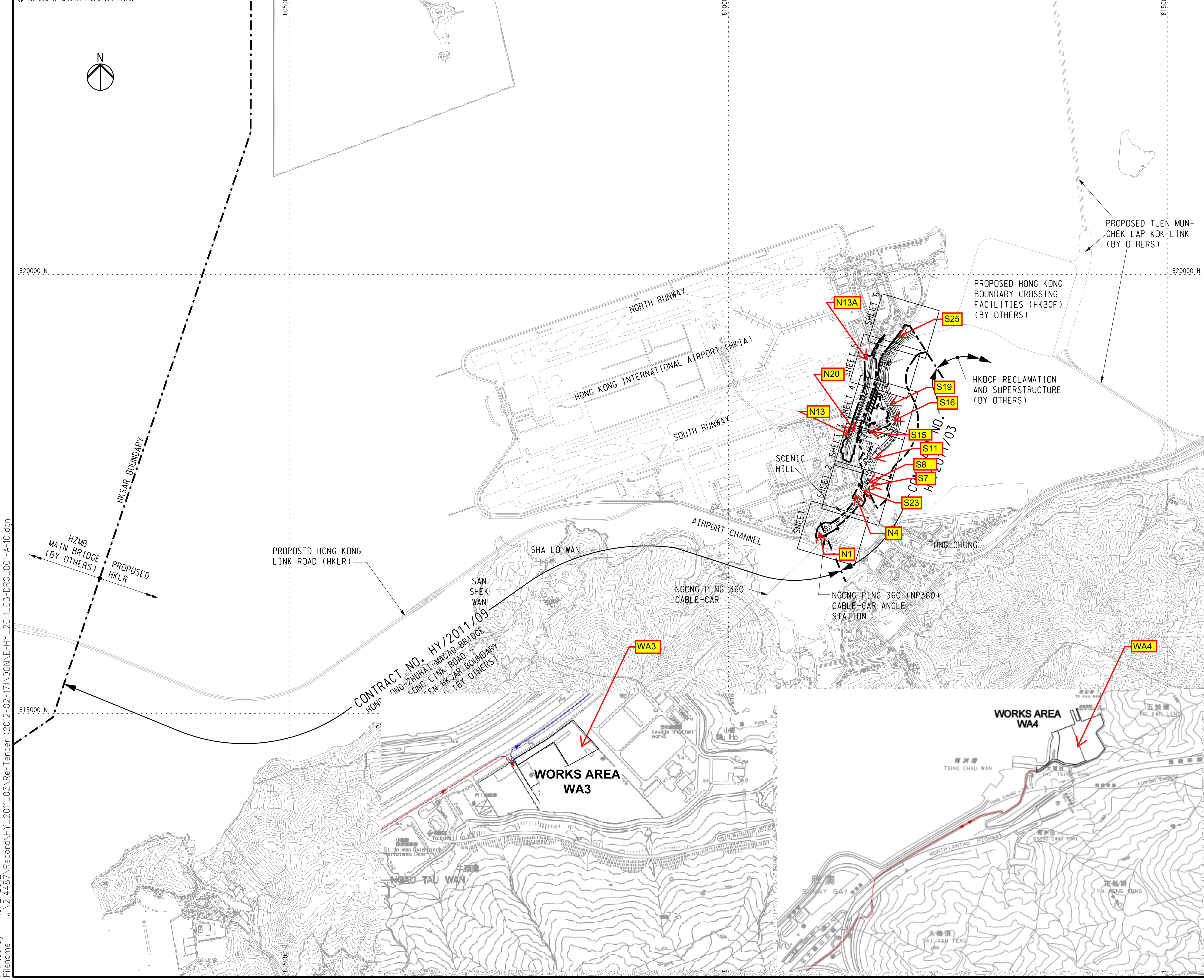
Copied to : Supervising Officer, IEC, EPD, Contractor, ENPO

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



NOTES

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRG. NOS. 214487/2/T/002 - 007.

LEGEND

— · — · — SITE BOUNDARY

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

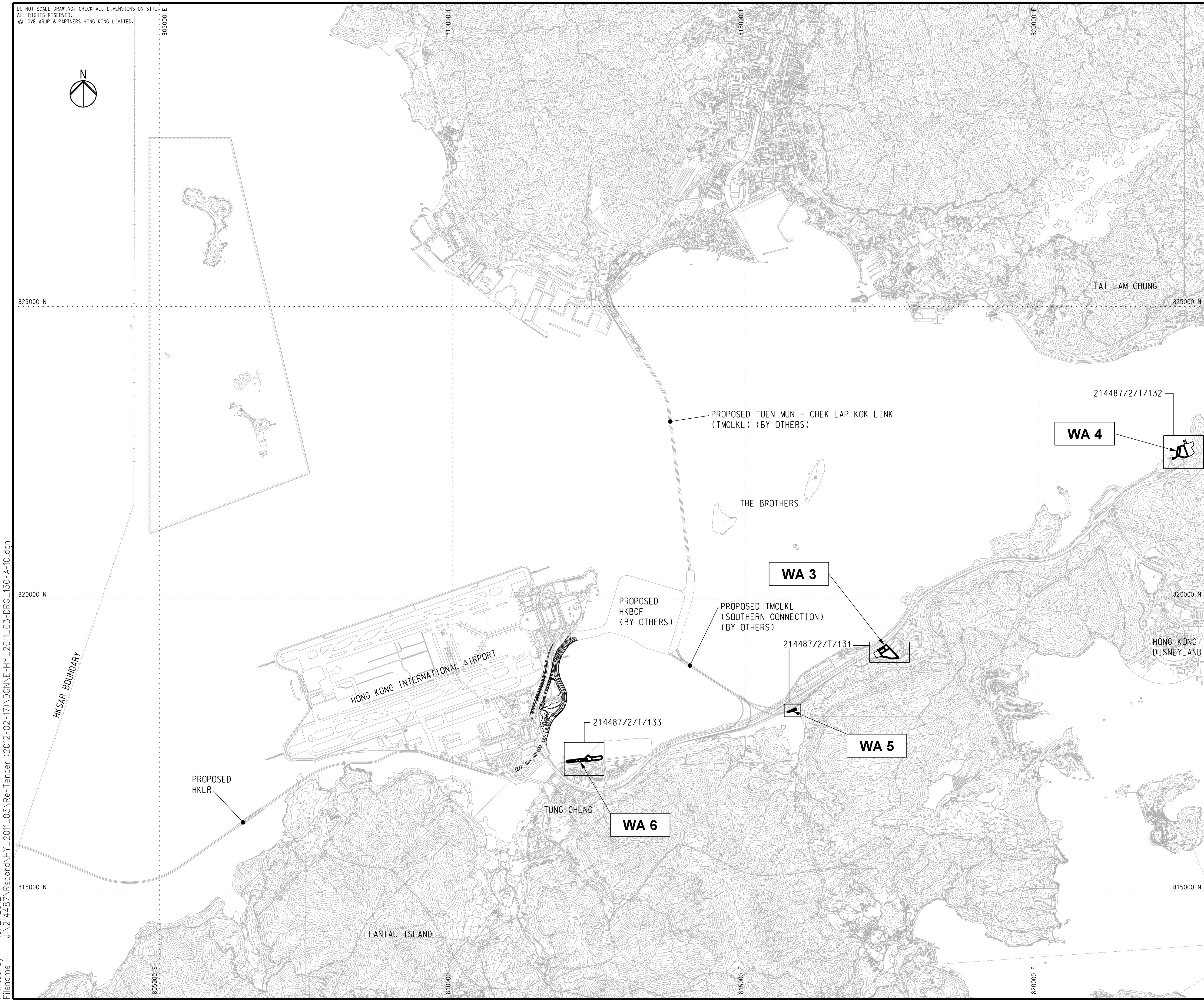
GENERAL LAYOUT
KEY PLAN

Drawing no.	Rev.
214487/2/T/001	A

Drawn	Date	Checked	Approved
RY	02/12	IL	SK

Scale: 1:20000 @A1
Status: TENDER

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



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

Contract No. and Title:

Contract No. HY/2011/03

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

Drawing title

WORKS AREAS
KEY PLAN

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

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

Printed by : 13/2/2012
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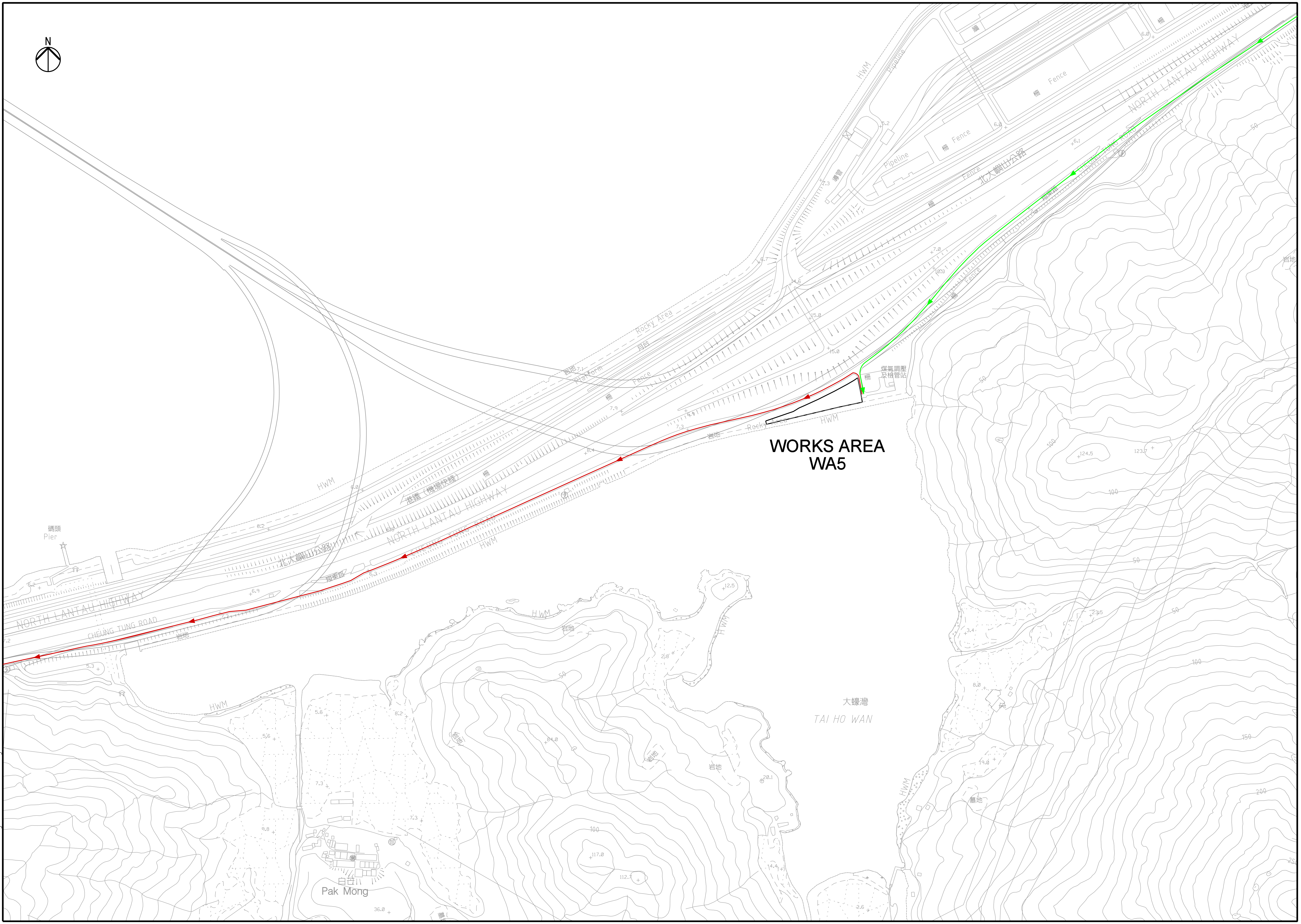
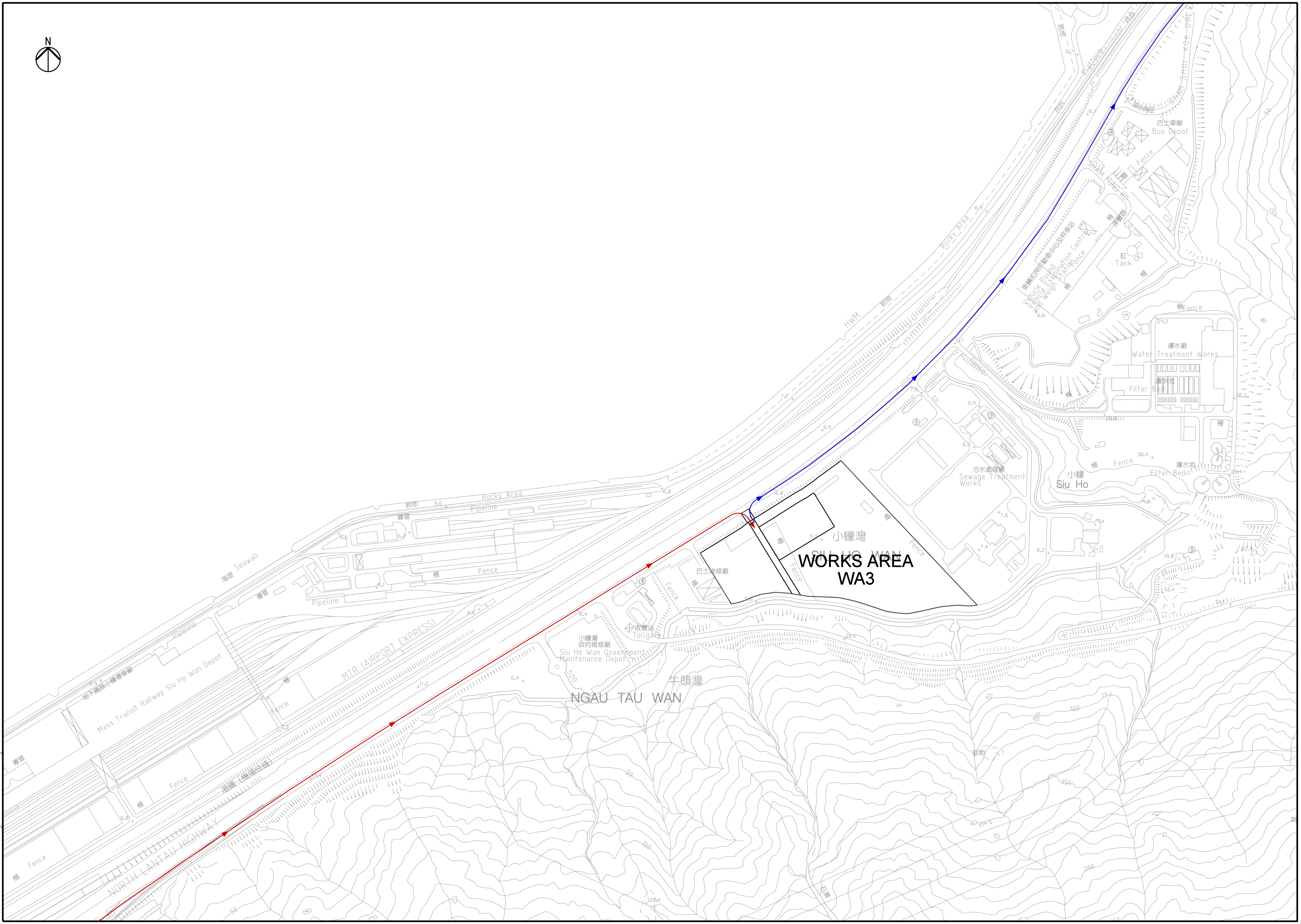
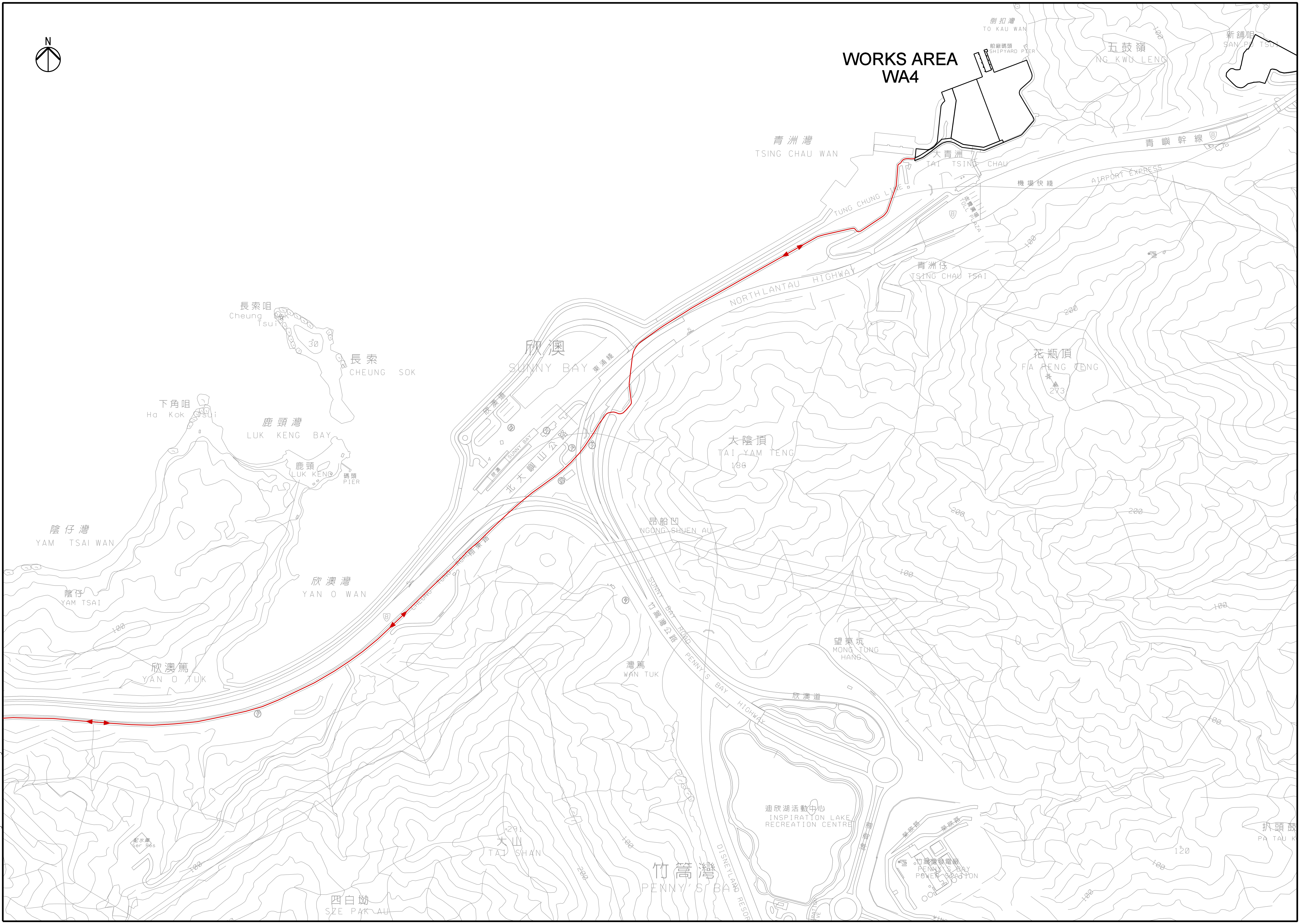


Printed by : 30/5/2012
Filename : Z:\Drawings\214487\Route.dgn



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



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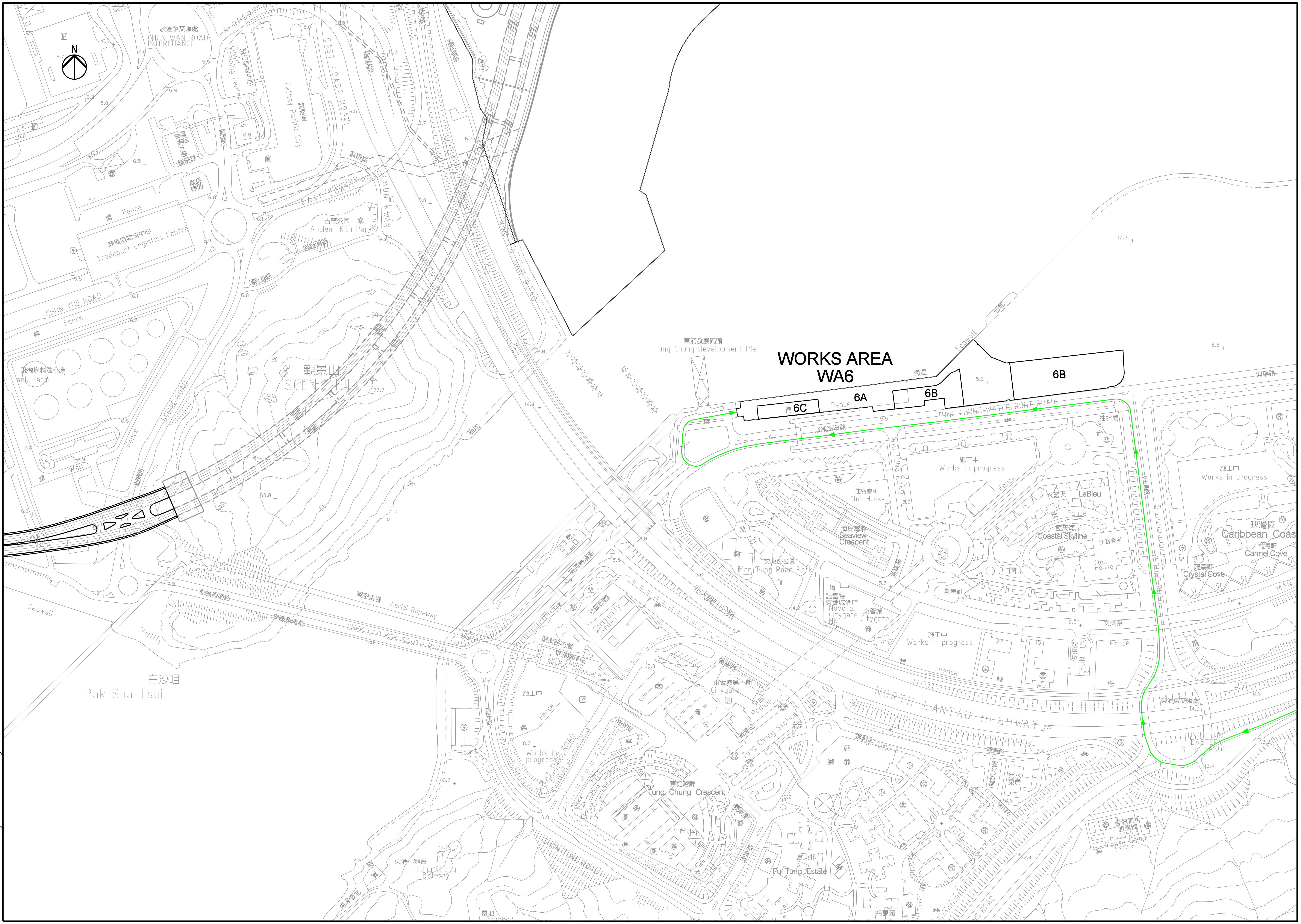

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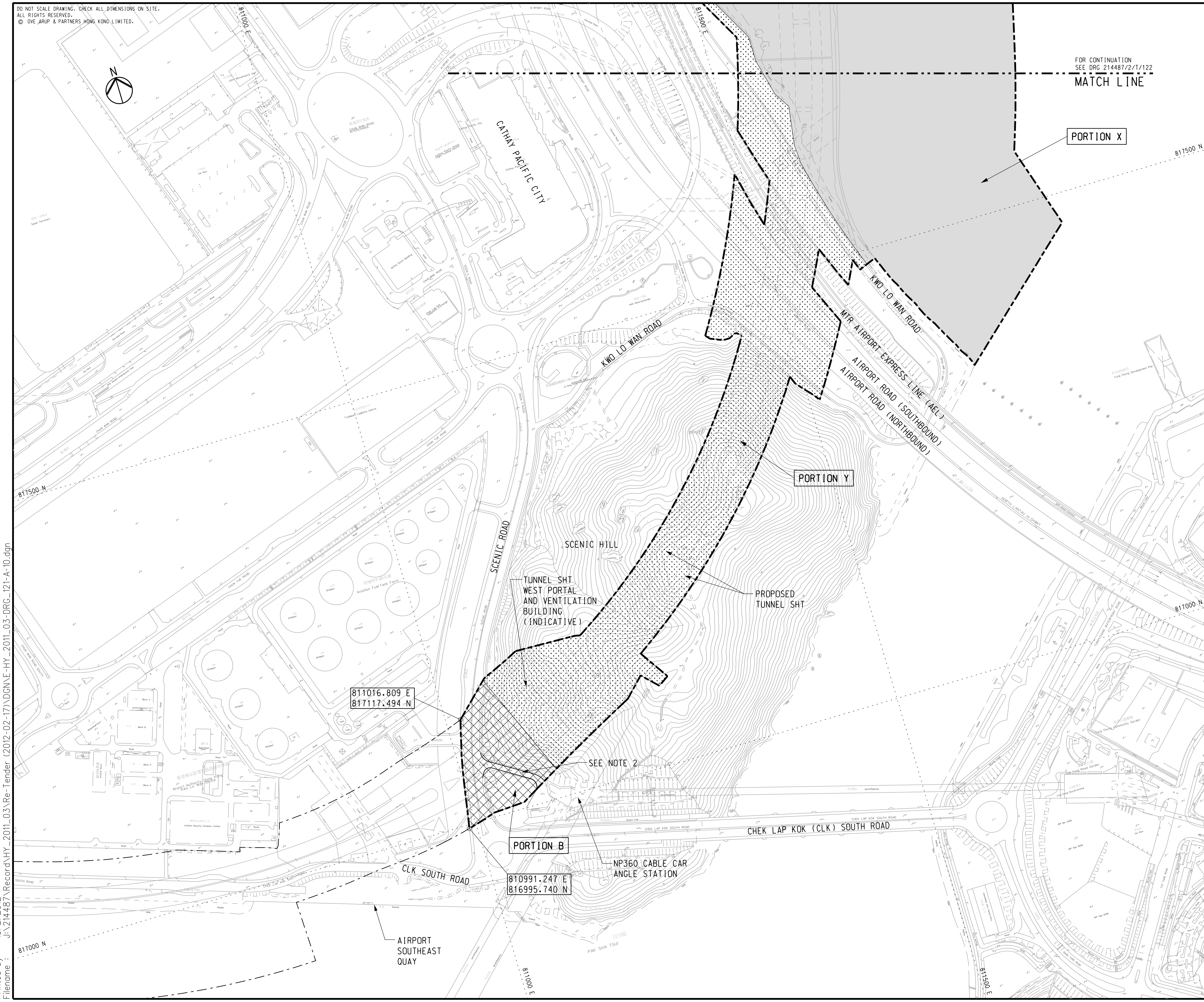


NOTES

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)

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

Drawn	Date	Checked	Approved
RY	02/12	IL	SK

Scale	Status
1:2000 @A1	TENDER

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

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

DO NOT SCALE DRAWING. CHECK ALL DIMENSIONS ON SITE.

NOTES

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

Rev	Description	By	Date
A	TENDER ISSUE	IL	02/12

Consultant

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

Contract No. and Title:

Contract No. HY/2011/03

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

Drawing title

PORTION OF SITE
(SHEET 2 OF 3)

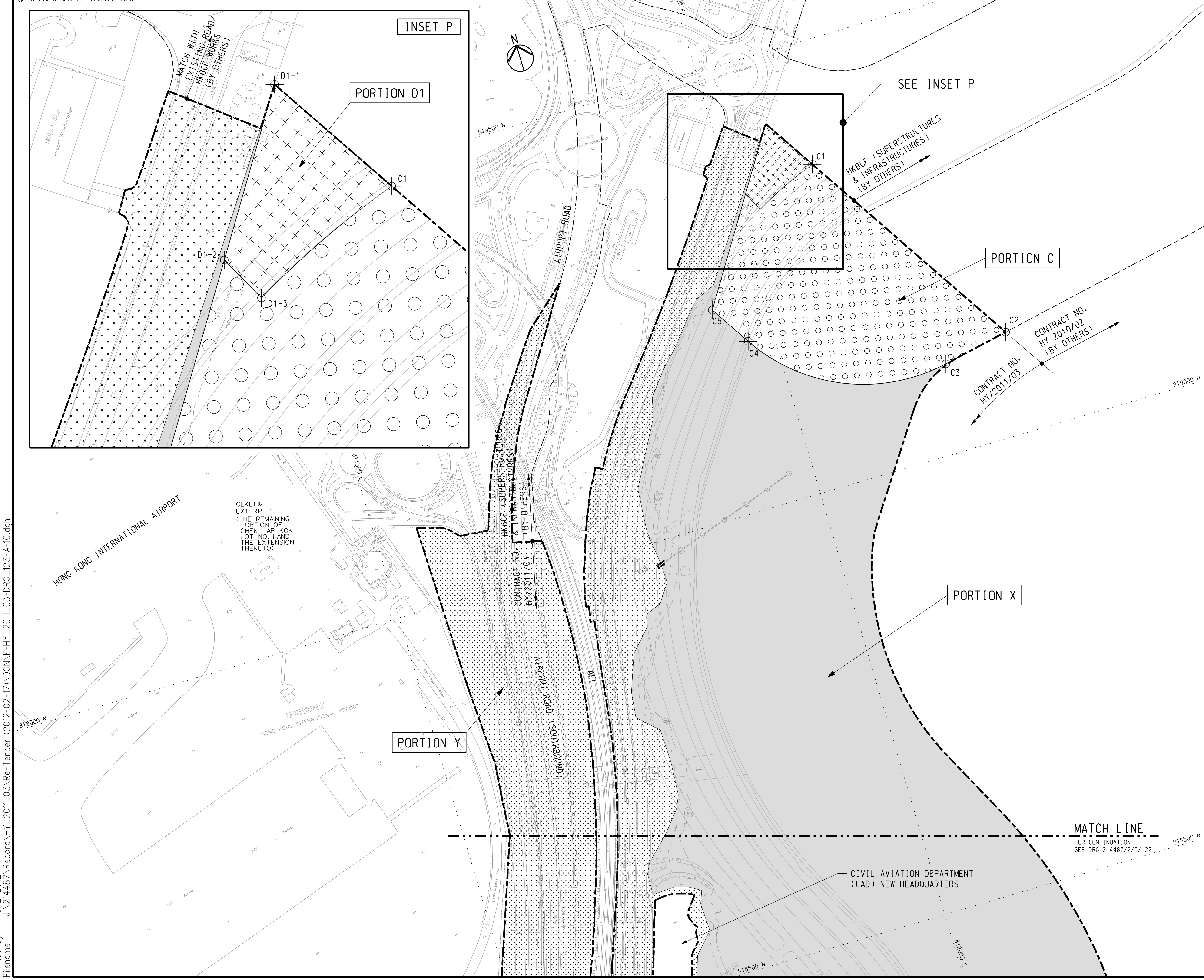
Drawing no.	Rev.
214487/2/T/122	A

Drawn	Date	Checked	Approved
RY	02/12	IL	SK

Scale	Status
1:2000 @A1	TENDER

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

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



NOTES

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

SETTING OUT CO-ORDINATES OF SITE PORTION C

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

SETTING OUT CO-ORDINATES OF SITE PORTION D1

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

Rev	Description	By	Date
A	TENDER ISSUE	IL	02/12

Consultant

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

Contract No. and Title:

Contract No. HY/2011/03

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

Drawing title

PORTION OF SITE
(SHEET 3 OF 3)

Drawing no.	Rev.
214487/2/T/123	A

Drawn	Date	Checked	Approved
RY	02/12	IL	SK

Scale: 1:2000 @A1 — Status: TENDER

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

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