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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.42 (March 2016)

14 April 2016

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/J for HKBCF were issued on 22 December 2014 and 25 February 2016, 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 forty-second Monthly EM&A report for the Contract which summarizes the monitoring results and audit findings of the EM&A programme during the reporting period from 1 to 31 March 2016.

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 during this reporting month is listed below:

1-hr TSP Monitoring	1, 7, 11, 17 23 and 29 March 2016
24-hr TSP Monitoring	4, 10, 16, 21, 24 and 30 March 2016
Noise Monitoring	1, 7, 17, 23 and 29 March 2016
Water Quality Monitoring	2, 4, 7, 9, 11, 14, 16, 18, 21, 23, 25, 28 and 30 March 2016
Chinese White Dolphin Monitoring	7, 11, 22 and 23 March 2016
Mudflat Monitoring (Sedimentation Rate)	9 March 2016
Mudflat Monitoring (Ecology)	8, 12, 13, 20, 22 and 26 March 2016
Site Inspection	3, 9, 16, 23 and 29 March 2016

Due to boat availability, the dolphin monitoring schedule was rescheduled from 14 March 2016 to 11 March 2016.

Due to weather condition, the dolphin monitoring schedule was rescheduled from 21 March 2016 to 22 March 2016.

Due to change of weather condition, mudflat monitoring (ecology) was rescheduled from 6 March 2016 to 8 March and from 23 March 2016 to 26 March 2016.

Breaches of Action and Limit Levels

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

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

Complaint Log

There were no complaints received in relation to the environmental impacts 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.

Transect lines 1, 2, 7, 8, 9 and 11 for dolphin monitoring have been revised due to the obstruction of the permanent structures associated with the construction works of HKLR and the southern viaduct of TM-CLKL, as well as provision of adequate buffer distance from the Airport Restricted Areas. The EPD issued a memo and confirmed that they had no objection on the revised transect lines on 19 August 2015.

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;
- Pipe Piling at Portion X;
- Excavation and Lateral Support Works at Scenic Hill Tunnel (Cut & Cover Tunnel) at Portion X;
- Construction of Tunnel Box Structure at Scenic Hill Tunnel (Cut & Cover Tunnel) at Portion X;
- Pipe piling works for Scenic Hill Tunnel (Cut & Cover Tunnel) at Portion X and Y;

- Excavation for diversion of culvert PR10 at Portion X;
- Excavation Works for HKBCF to Airport Tunnel at Portion X;
- Sheet Piling Works for HKBCF to Airport Tunnel East (Cut & Cover Tunnel) at Portion X;
- Works for Diversion of Airport Road;
- Utilities Detection at Airport Road / Airport Express Line/ East Coast Road;
- Establishment of Site Access at Airport Road / Airport Express Line/East Coast Road;
- Pipe roofing drilling/ Mined Tunnel Excavation / Box Jacking underneath Airport Road and Airport Express Line;
- Excavation and Lateral Support Works at shaft 3 extension north shaft at Kwo Lo Wan Road;
- Excavation and Lateral Support Works for HKBCF to Airport Tunnel West (Cut & Cover Tunnel) at Airport Road;
- Utility Culvert Excavation at Portion Y;
- Sub-structure & superstructure works for Highway Operation and Maintenance Area Building at Portion Y;
- Excavation for Scenic Hill Tunnel at West Portal; and
- Superstructure works for Scenic Hill Tunnel West Portal Ventilation building 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/J for HKBCF were issued on 22 December 2014 and 25 February 2016, 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 forty-second Monthly EM&A report for the Contract which summarizes the monitoring results and audit findings of the EM&A programme during the reporting period from 1 to 31 March 2016.

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. Ramboll 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 (Ramboll 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
Construction of seawall	Portion X
Loading and unloading of filling materials	Portion X
Excavation and lateral support works for Scenic Hill Tunnel (Cut & Cover Tunnel)	Portion X
Construction of tunnel box structure at Scenic Hill Tunnel (Cut & Cover Tunnel)	Portion X
Pipe piling works for HKBCF to Airport Tunnel East (Cut & Cover Tunnel)	Portion X
Excavation for HKBCF to Airport Tunnel	Portion X
Sheet Piling Works for HKBCF to Airport Tunnel East (Cut & Cover Tunnel)	Portion X
Socket H-Piling Works for HKBCF to Airport Tunnel East (Cut &Cover Tunnel)	Portion X
Superstructure works for Scenic Hill Tunnel West Portal Ventilation building	West Portal
Excavation for diversion of culvert PR10	Portion X
Pipe piling works for Scenic Hill Tunnel (Cut & Cover Tunnel)	Portion X and Y
Works for diversion	Airport Road
Utilities detection	Airport Road/ Airport Express Line/ East Coast Road
Establishment of Site Access	Airport Road/ Airport Express Line/ East Coast Road
Canopy pipe drilling / Box Jacking underneath Airport Express Line	Airport Express Line
Pipe roofing drilling / Mined Tunnel excavation underneath Airport Road	Airport Road
Excavation and lateral support works at shaft 3 extension north shaft	Kwo Lo Wan Road
Excavation and Lateral Support Works for HKBCF to Airport Tunnel West (Cut & Cover Tunnel)	Airport Road
Utility culvert excavation	Portion Y
Sub-structure & superstructure works for Highway Operation and Maintenance Area Building	Portion Y
Jet Grouting works for HKBCF to Airport Tunnel East (Cut & Cover Tunnel	Portion X

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 was provided.

(iv) No furnace or incinerator flues are 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 °C and not variable by more than ±3 °C; 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 2016 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/m³)	Range (μg/m³)	Action Level (μg/m³)	Limit Level (μg/m³)
AMS5	169	117 - 232	352	500
AMS6	160	107 - 285	360	500

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

Monitoring Station	Average (μg/m³)	Range (μg/m³)	Action Level (μg/m³)	Limit Level (μg/m³)
AMS5	48	19 - 112	164	260
AMS6	61	29 - 143	173	260

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

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

2.7.4 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 2016 is provided in **Appendix D**.

3.7 Monitoring Results

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

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

Monitoring Station	Average $L_{eq\ (30\ mins)}$, dB(A)	Range of $L_{eq\ (30\ mins)}$, dB(A)	Limit Level $L_{eq\ (30\ mins)}$, dB(A)
NMS5	60	57 – 73	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, nearby traffic and insect 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 is detected, and that timely action is 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 2016 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 For marine water quality monitoring, no Action Level and Limit Level exceedances of turbidity level, dissolved oxygen level and suspended solid level were recorded during the reporting month.

4.7.3 Water quality impact sources during 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**. The coordinates of several starting points have been revised due to the obstruction of the permanent structures associated with the construction works of HKLR and the southern viaduct of TM-CLKL, as well as provision of adequate buffer distance from the Airport Restricted Areas. The EPD issued a memo and confirmed that they had no objection on the revised transect lines on 19 August 2015, and the revised coordinates are in red and marked with an asterisk in **Table 5.2**.

Table 5.2 Co-ordinates of Transect Lines

Line No.		Easting	Northing		Line No.		Easting	Northing
1	Start Point	804671	815456*		13	Start Point	816506	819480
1	End Point	804671	831404		13	End Point	816506	824859
2	Start Point	805475	815913*		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

Line No.		Easting	Northing		Line No.		Easting	Northing
6	Start Point	809490	820466		18	Start Point	821504	822371
6	End Point	809490	825352		18	End Point	821504	823761
7	Start Point	810499	820880*		19	Start Point	822513	823268
7	End Point	810499	824613		19	End Point	822513	824321
8	Start Point	811508	821123*		20	Start Point	823477	823402
8	End Point	811508	824254		20	End Point	823477	824613
9	Start Point	812516	821303*		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	818853*		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					

Note:
Co-ordinates in red and marked with asterisk are revised co-ordinates of transect line.

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 18 years of marine mammal monitoring surveys in Hong Kong developed by HKCRP (see Hung 2015). 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 lines 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 an appendix in quarterly EM&A reports.

5.3 Monitoring Results

Vessel-based Line-transect Survey

5.3.1 During the month of March 2016, two sets of systematic line-transect vessel surveys were conducted on the 7th, 11th, 22nd and 23rd 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 290.32 km of survey effort was collected, with 95.5% 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 areas109.30 km and 181.02 km of survey effort were collected from NEL and NWL survey areas respectively. Moreover, the total survey effort conducted on primary lines was 218.00 km, while the effort on secondary lines was 72.32 km.

5.3.3 During the two sets of monitoring surveys in March 2016, only two groups of four Chinese White Dolphins were sighted (**Annex II of Appendix H**). Both dolphin sightings were made in NWL, while none was sighted in NEL.

5.3.4 During the March's surveys, only one of the two dolphin sightings was made on primary lines during on-effort search, and neither group was associated with any operating fishing vessel.

5.3.5 Distribution of these dolphin sightings made in March 2016 is shown in **Figure 6 of Appendix H**. One group of three dolphins was sighted between Black Point and Lung Kwu Chau, while the other group with a lone dolphin was sighted just to the north of HKBCF, which was traveling toward the northern end of the airport platform (**Figure 6 of Appendix H**).

5.3.6 None of the dolphin sightings were located in the proximity of the HKLR03 reclamation sites as well as the HKLR09/TMCLKL alignments (**Figure 6 of Appendix H**). However, one sighting was made to the north of the HKBCF reclamation site, where dolphin occurrence has been extremely rare in the past few years (**Figure 6 of Appendix H**).

5.3.7 During the 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**.

5.3.8 The average dolphin group size in March 2016 was 2.0 individuals per group, which was much lower than the ones in previous months of monitoring surveys. Both dolphin groups were small in size with one and three individuals respectively.

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 7th / 11th	0.0	0.0
	Set 2: March 22nd / 23rd	0.0	0.0
NWL	Set 1: March 7th / 11th	0.0	0.0
	Set 2: March 22nd / 23rd	1.6	4.8

Remarks:

1. Dolphin Encounter Rates Deduced from the Two Sets of Surveys (Two Surveys in Each Set) in March 2016 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	0.6	2.2	1.8

Remarks:

1. Monthly Average Dolphin Encounter Rates (Sightings Per 100 km of Survey Effort) from All Four Surveys Conducted in March 2016 on Primary Lines only as well as Both Primary Lines and Secondary Lines in Northeast (NEL) and Northwest Lantau (NWL).

Photo-identification Work

5.3.9 Four individual dolphins were sighted four times during March's surveys (**Annex III and IV of Appendix H**). All individuals were sighted only once during the monitoring month..

5.3.10 None of these individual dolphins were accompanied with their calves during their re-sightings, as in recent monitoring months during the HKLR03 monitoring surveys.

Conclusion

5.3.11 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.

5.3.12 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 – May 2016) 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. 2015. Monitoring of Marine Mammals in Hong Kong waters: final report (2014-15). An unpublished report submitted to the Agriculture, Fisheries and Conservation Department, 198 pp.

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

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 1 December 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 2016)		
Monitoring Station	Easting (m)	Northing (m)	Surface Level (mPD)	Easting (m)	Northing (m)	Surface Level (mPD)
S1	810291.160	816678.727	0.950	810291.129	816678.735	1.135
S2	810958.272	815831.531	0.864	810958.294	815831.517	1.007
S3	810716.585	815953.308	1.341	810716.586	815953.341	1.487
S4	811221.433	816151.381	0.931	811221.528	816151.433	1.176

Table 6.3 Comparison of measurement

	Comparison of measurement			Remarks and Recommendation
Monitoring Station	Easting (m)	Northing (m)	Surface Level (mPD)	
S1	-0.031	0.008	0.185	Level continuously increased
S2	0.022	-0.014	0.143	Level continuously increased
S3	0.001	0.033	0.146	Level continuously increased
S4	0.095	0.052	0.245	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 2016. 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-16	9.68	3.50	5.35	8.85	3.65	4.75
4-Mar-16	10.06	2.15	3.50	11.10	2.00	3.20
7-Mar-16	11.39	2.85	6.00	11.64	5.30	16.60
9-Mar-16	9.45	5.90	9.60	9.90	4.00	9.85
11-Mar-16	8.91	4.35	6.45	8.53	3.55	3.70
14-Mar-16	8.60	3.10	7.80	8.73	2.75	6.70
16-Mar-16	8.17	2.45	4.80	8.23	2.45	4.75
18-Mar-16	8.12	2.65	4.40	7.92	3.25	4.95
21-Mar-16	7.88	4.35	6.65	7.99	12.10	16.95
23-Mar-16	7.73	5.55	6.45	7.58	7.00	9.00
25-Mar-16	7.35	3.75	4.95	7.33	3.95	8.30
28-Mar-16	8.28	4.55	7.40	7.79	3.75	5.65
30-Mar-16	8.48	5.00	3.90	8.31	4.25	4.40
Average	8.77	3.86	5.94	8.76	4.46	7.60

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 250m, 300m, 300m and 250m, respectively. Survey of horseshoe crabs, seagrass beds and intertidal communities were conducted in every sampling zone. The present survey was conducted in March 2016 (totally 6 sampling days between 8th and 26th March 2016).

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 8th (for TC3), 13th (for TC1), 20th (for TC2), 22nd (for ST) and 26th (second survey for TC1) March 2016. The weather was generally cloudy for all day time surveys (13th-26th Mar) while it was humid during the night time survey (8th Mar). Since there was intermittent rain during the survey for TC1 on 13th Mar, the horseshoe crab trail would cease that searching became difficult. Hence a second survey was conducted on 26th Mar under cloudy weather.

Seagrass Beds

6.3.3 Active search method was conducted for seagrass bed monitoring by two experienced surveyors at every sampling zone. During the search period, any accessible and potential area would be investigated for any seagrass beds within 2-3 hours in low tide period. Once seagrass bed was found, the species, estimated area, estimated coverage percentage and respective

GPS coordinate were recorded. A photographic record was taken for future investigation. The seagrass beds surveys were conducted on 8th (for TC3), 13th (for TC1), 20th (for TC2) and 22nd (for ST) March 2016. The weather was cloudy and cold for all day time surveys (13th-22nd Mar) while it was humid during the night time survey (8th Mar).

Intertidal Soft Shore Communities

6.3.4 The intertidal soft shore community surveys were conducted in low tide period 8th (for TC3), 12th (for ST), 13th (for TC1) and 20th (for TC2) March 2016. At each sampling zone, three 100 m horizontal transects were laid at high tidal level (H: 2.0 m above C.D.), mid tidal level (M: 1.5 m above C.D.) and low tidal level (L: 1.0 m above C.D.). Along every horizontal transect, ten random quadrats (0.5 m x 0.5m) were placed.

6.3.5 Inside a quadrat, any visible epifauna were collected and were in-situ identified to the lowest practical taxonomical resolution. Whenever possible a hand core sample (10 cm internal diameter $\times$ 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.

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

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

Data Analysis

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

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

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

6.4 Event and Action Plan for Mudflat Monitoring

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

Table 6.5 Event and Action Plan for Mudflat Monitoring

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

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

6.5 Mudflat Ecology Monitoring Results and Conclusion

Horseshoe Crabs

6.5.1 In the present survey, two species of horseshoe crab *Carcinoscorpius rotundicauda* (total 23 ind.) and *Tachypleus tridentatus* (total 17 ind.) were recorded. For one sight record, grouping of 2-8 individuals was observed at same locations with similar substratum (fine sand or soft mud). Photo records were shown in **Figure 3.1 of Appendix I** while the complete records of horseshoe crab were shown in **Annex II of Appendix I**.

6.5.2 **Table 3.1 of Appendix I** summarizes the survey results of horseshoe crab in present survey. For *Carcinoscorpius rotundicauda,* there were 21 and 2 individuals in TC3 and ST respectively. For TC3, the search record was 3.5 ind. hr^{-1} $person^{-1}$ while the average body size was 35.49 mm (prosomal width ranged 25.53-48.12 mm). For ST, the search record was 0.3 ind. hr^{-1} $person^{-1}$ while the average body size was 35.70 mm (prosomal width ranged 16.82-54.58 mm). No individual was found in TC1 and TC2.

6.5.3 For *Tachypleus tridentatus,* there was 17 individuals recorded in TC3 only. The search record was 2.8 ind. hr^{-1} $person^{-1}$ while the average body size was 41.83 mm (prosomal width ranged 26.79-48.91 mm).

6.5.4 In the previous survey of March 2015, 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 3.2 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 3.2 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. In present survey the records of the two big individuals of *Carcinoscorpius rotundicauda* (prosomal width 117.37 mm and 178.17 mm) were excluded from data analysis according to the same principle.

6.5.5 No marked individual of horseshoe crab was recorded in present survey. Some marked individu*als were found in previous su*rveys 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.

6.5.6 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

6.5.7 **Figures 3.3 and 3.4 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 from September 2012 to June 2014. Then the search record in TC3 was even higher than that in ST from September 2014 to June 2015. In September 2015, the search records were similar in TC3 and ST. In March 2016 (present survey), higher search record was noticed in TC3 again. For TC1, the search record was at low to medium level and the number of both species could fluctuate along the sampling months. Relatively, search record was very low in TC2 (2 ind. in Sep. 2013, 1 ind. in Mar., Jun., Sep. 2014, Mar. and Jun 2015, 4 ind. in Sep. 2015). For the body size, larger individuals of *Carcinoscorpius rotundicauda* were usually found in ST and TC1 relative to those in TC3. For *Tachypleus tridentatus*, larger individuals were also found in ST followed by TC3 and TC1.

6.5.8 Throughout the monitoring period conducted, it was obvious that TC3 and ST (western shore of Tung Chung Wan) was an important nursery ground for horseshoe crab especially newly hatched individuals due to larger area of suitable substratum (fine sand or soft mud) and less human disturbance (far from urban district). Relatively, other sampling zones were not 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 inhabiting TC1 and TC2 were confined in small moving range due to limited area of suitable substrata during the nursery period.

Seasonal variation of horseshoe crab population

6.5.9 Throughout the monitoring period conducted, the search record of horseshoe crab declined obviously during dry season especially December (**Figures 3.3 and 3.4 of Appendix I**). In December 2013, no individual of horseshoe crab was found. In December 2014, 2 individuals of *Carcinoscorpius rotundicauda* and 8 individuals of *Tachypleus tridentatus* were found only. In December 2015, 2 individuals of *Carcinoscorpius rotundicauda*, 6 individuals of *Tachypleus tridentatus* and one newly hatched, unidentified individual were found only. 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 0.00 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.

6.5.10 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. Since 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 about 3 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 September 2015, more individuals were recorded due to larger size and higher activity (i.e. more conspicuous walking trail).

6.5.11 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. Then the number of individuals fluctuated in TC3 while it decreased steadily in ST until September. 2015. 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 since March 2014. Then it varied slightly between 50-65 mm from September 2014 to September 2015. Most of the individuals might have reached a suitable size strong enough to forage in sub-tidal habitat.

6.5.12 Since TC3 and ST were regarded as important nursery ground for horseshoe crab, box plots of prosomal width of two horseshoe crab species were constructed to investigate the changes of population in details.

Box plot of horseshoe crab populations in TC3

6.5.13 **Figure 3.5 of Appendix I** shows the changes of prosomal width of *Carcinoscorpius rotundicauda* and *Tachypleus tridentatus* in TC3. As mentioned above, *Carcinoscorpius rotundicauda* was rarely found between September 2012 and December 2013 hence the data were lacking. In March 2014, the major size (50% of individual records between upper and lower quartile) ranged 40-60 mm while only few individuals were found. From March 2014 to September 2015, the size of major population decreased and more small individuals were recorded after March of every year. It indicated new rounds of successful breeding and spawning of *Carcinoscorpius rotundicauda* in TC3. It matched with the previous mating record in ST in March 2015.

6.5.14 For *Tachypleus tridentatus,* the major size ranged 20-50 mm while the number of individuals found fluctuated from September 2012 to June 2014. Then a slight but consistent growing trend was observed. The prosomal width increased from 25-35 mm in September 2014 to 35-65 mm in June 2015. As mentioned, the large individuals might have reached a suitable size for migrating from the nursery soft shore to subtidal habitat. It accounted for the declined population in TC3.

6.5.15 From June 2015 to March 2016 (present survey), slight increasing trends of major size were noticed for both species. It might be accounted by new round of spawning. But it was yet to conclude until wet season results (June & September 2016) were available.

Box plot of horseshoe crab populations in ST

6.5.16 **Figure 3.6 of Appendix I** shows the changes of prosomal width of *Carcinoscorpius rotundicauda* and *Tachypleus tridentatus* in ST. As mentioned above, *Carcinoscorpius rotundicauda* was rarely found between September 2012 and December 2013 hence the data were lacking. From Mar. 2014 to Sep. 2015, the size of major population decreased and more small individuals were recorded after June of every year. It indicated new rounds of successful breeding and spawning of *Carcinoscorpius rotundicauda* in ST. It matched with the previous

mating record in ST in March 2015. Because most of newly hatched individuals (prosomal width ~5mm) would take about half year to grow to a size with conspicuous walking trail.

6.5.17 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. From March to September 2015, the size of major population decreased slightly to a prosomal width 40-60 mm. At the same time, the number of individuals decreased gradually. It further indicated some of large individuals might have migrated to sub-tidal habitats. In December 2015, two big individuals (prosomal width 89.27 mm and 98.89 mm) were recorded only while it could not represent the major population.

6.5.18 From December 2015 to March 2016 (present survey), the number of horseshoe crab recorded was very few in ST. Hence the population change of both species could not be determined.

6.5.19 As a summary for horseshoe crab populations in TC3 and ST, there was successful spawning of *Carcinoscorpius rotundicauda* from 2014 to 2015 while the spawning time should be in spring. There were consistent, increasing trends of population size in these two sampling zones. For *Tachypleus tridentatus*, small individuals were rarely found TC3 and ST from 2014 to 2015. It was believed no occurrence of successful spawning. The existing individuals (that recorded since 2012) grew to a mature size and migrated to sub-tidal habitat. Hence the number of individuals decreased gradually. It was expected the population would remain at low level until new round of successful spawning.

Impact of the HKLR project

6.5.20 The present survey was the 14th survey 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 wet season, large number of dead individuals on the shore) is observed, it would be reported as soon as possible.

Seagrass Beds

6.5.21 In the present survey, seagrass was found in ST only. Two seagrass species *Halophila ovalis* and *Zostera japonica* were recorded. Both species were found on sandy substratum nearby the seaward side of mangrove vegetation at 2.0 m above C.D. The seagrass bed existed in irregular patches or long strand in various sizes. For one long strand, two seagrass species were found coexisting in variable coverage. Photo records were shown in **Figure 3.7 of Appendix I** while the complete records of seagrass beds survey were shown in **Annex III of Appendix I.**

6.5.22 **Table 3.2 of Appendix I** summarize the results of seagrass beds survey in ST. Eight patches of *Halophila ovalis* were found while the total seagrass bed area was about 230.6 m^2 (average area 28.8 m^2). The largest patch was a horizontal strand with seagrass bed area 100.4 m^2. It coexisted with another seagrass species and remained at very low coverage (10%). Other three horizontal strands were at medium size (15.8-41.1 m^2) and high coverage (80-100%). The rest were small patches (1.5-17.3 m^2) and variable coverage (20-90%). For *Zostera japonica*, it was mainly found coexisting with *Halophila ovalis* in the largest strand (100.4 m^2) of seagrass bed with high coverage 90%.

6.5.23 Since majority of seagrass bed was confined in ST, the temporal change of both seagrass species were investigated in details.

Temporal variation of seagrass beds

6.5.24 **Figure 3.8 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). From March to June 2015, the patch size increased sharply again (90.0 m^2). It might be due to the disappearance of the originally dominant seagrass *Halophila ovalis* resulting in less competition for substratum and nutrients. From September 2015 to March 2016, it was found coexisting with seagrass *Halophila ovalis* with steady increasing patch size and variable coverage.

6.5.25 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 September 2012 (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 June 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 (7^{th}-8^{th} September: no cyclone name, maximum signal number 1; 14^{th}-17^{th} September: Kalmaegi maximum signal number 8SE) before the seagrass survey dated 21^{st} 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.

6.5.26 In December 2014, all the seagrass patches of *Halophila ovalis* disappeared in ST. **Figure 3.9 of Appendix I** shows the difference of the original seagrass beds area nearby the mangrove vegetation at high tidal level between June 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*

6.5.27 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.

6.5.28 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).

6.5.29 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.

6.5.30 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.

Recolonization of seagrass beds

6.5.31 **Figure 3.9 of Appendix I** shows the changes of seagrass bed area at ST. From March to June 2015, 2-3 small patches of *Halophila ovalis* were newly found coinhabiting with another seagrass species *Zostera japonica*. 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 compete with more abundant seagrass *Zostera japonica* for substratum and nutrient. Since *Zostera japonica* had extended and had covered the original seagrass bed of *Halophila ovalis* at certain degree. From June to March 2016, the total seagrass area of *Halophila ovalis* had increased rapidly from 6.8 m^2 to 230.63 m^2. It had recolonized its original patch locations and covered *Zostera japonica*. Hence it was expected that the seagrass bed of *Halophila ovalis* would increase continually in the following months.

Impact of the HKLR project

6.5.32 The present survey was the 14th survey of the EM&A programme during the construction period. According to the results of present survey, there was recolonization of both seagrass species *Halophila ovalis* and *Zostera japonica* in ST. The seagrass patches were believed in recovery. 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

6.5.33 **Table 3.3 and Figure 3.10 of Appendix I** show the types of substratum along the horizontal transect at every tidal level in 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, high percentage of 'Gravels and Boulders' (80-90%) was recorded at high and mid tidal levels. 'Gravels and Boulders' (60%) and 'Sands' (30%) were the major substratum types at low tidal level.
- In TC2, high percentage of 'Soft mud' (80%) was recorded at all tidal levels.
- In TC3, the substratum type was clearly different between high-mid tidal level and low tidal level. 'Sands' (50-60%) and 'Soft mud' (40-50%) were the major substratum types at high and mid tidal levels. High percentage of 'Gravels and Boulders' (90%) was recorded at low tidal level.
- In ST, the substratum type was clearly different between high-mid tidal level and low tidal level. 'Gravels and Boulders' (100%) was the only substratum type at high and mid tidal levels. At low tidal level, higher percentage of 'Soft mud' (80%) was recorded followed by 'Gravels and Boulders' (20%).

6.5.34 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.

6.5.35 **Table 3.4 of Appendix I** lists the total abundance, density and number of taxon of every phylum in this survey. A total of 11728 individuals were recorded. Mollusca was significantly the most abundant phylum (total individuals 11496, density 383 ind. m^{-2}, relative abundance 98.0%). The second abundant phylum was Arthropoda (127 ind., 4 ind. m^{-2}, 1.1%). The less abundant phyla were Annelida (62 ind., 2 ind. m^{-2}, 0.5%) and Cnidaria (17 ind., 1 ind. m^{-2}, 0.1%). Relatively other phyla were very low in abundances (density $\leq$1 ind. m^{-2}, relative abundance $\leq$0.1%). Moreover, the most diverse phylum was Mollusca (37 taxa) followed by Arthropoda (11 taxa) and Annelida (10 taxa). There was 1 taxon recorded only for other phyla. The taxonomic resolution and complete list of collected specimens are shown in **Annex IV and V of Appendix I**.

6.5.36 **Table 3.5 of Appendix I** shows the number of individual, relative abundance and density of each phylum in every sampling zone. The total abundance (2313-4085 ind.) varied among the four sampling zones while the phyla distributions were similar. In general, Mollusca was the most dominant phylum (no. of individuals: 2213-4054 ind.; relative abundance 95.7-99.2%; density 295-541 ind. m^{-2}). Other phyla were significantly lower in number of individuals. Arthropoda was the second abundant phylum (15-68 ind.; 0.4-2.9%; 2-9 ind. m^{-2}). Annelida was the third abundant phylum in TC1, TC2 and TC3 (7-26 ind.; 0.2-1.1%; 1-3 ind. m^{-2}) while it was the fourth abundant in ST (8 ind.; 0.3%; 1 ind. m^{-2}). Cnidaria (sea anemone) was the third abundant phylum (15 ind.; 0.6%; 2 ind. m^{-2}) in ST. Relatively other phyla were low in abundance in all sampling zones (≤ 0.1%).

Dominant species in every sampling zone

6.5.37 **Table 3.6 of Appendix I** lists the abundant species (relative abundance >10%) in every sampling zone. In TC1, gastropod *Batillaria multiformis* was the most abundant species of very high density (620 ind. m^{-2}, relative abundance 84%) at high tidal level (major substratum: 'Gravels and Boulders'). At mid tidal level (major substratum: 'Gravels and Boulders'), gastropod *Batillaria multiformis* was also the most abundant species of high density (214 ind. m^{-2}, relative abundance 47%) followed by gastropod *Monodonta labio* (81 ind. m^{-2}, 18%) and rock oyster *Saccostrea cucullata* (70 ind. m^{-2}, 16%, attached on boulders) at moderate densities. At low tidal level (major substratum: 'Gravels and Boulders'), rock oyster *Saccostrea cucullata* was the most abundant species of moderate-high density (141 ind. m^{-2}, 32%) followed by gastropods *Monodonta labio* (98 ind. m^{-2}, 22%), *Batillaria zonalis* (51 ind. m^{-2}, 11%) and *Batillaria multiformis* (47 ind. m^{-2}, 10%) at moderate densities.

6.5.38 At TC2, gastropod *Cerithidea djadjariensis* (123 ind. m^{-2}, 32%) was the most abundant at moderate density followed by gastropods *Batillaria multiformis* (69 ind. m^{-2}, 18%) *Cerithidea cingulata* (41 ind. m^{-2}, 11%) and rock oyster *Saccostrea cucullata* (67 ind. m^{-2}, 17%) at high tidal

level (major substratum: 'Soft mud'). At mid and low tidal levels (major substrata: 'Soft mud'), rock oyster *Saccostrea cucullata* (102-103 ind. m^{-2}, 32-45%) was the most abundant followed by gastropod *Batillaria zonalis* (48-95 ind. m^{-2}, 22-30%). Besides, gastropod *Cerithidea djadjariensis* (34 ind. m^{-2}, 11%) was the third abundant at mid tidal level.

6.5.39 At TC3, the abundant species were quite different between three tidal levels. At high tidal level (major substratum: 'Sands'), gastropod *Batillaria multiformis* was the most abundant species of high density (268 ind. m^{-2}, 59%) followed by gastropod *Cerithidea djadjariensis* (123 ind. m^{-2}, 27%). At mid tidal level (major substratum: 'Sands'), the abundant species were at moderate densities including gastropods *Cerithidea djadjariensis* (86 ind. m^{-2}, 32%), *Cerithidea cingulata* (55 ind. m^{-2}, 21%), *Batillaria multiformis* (51 ind. m^{-2}, 19%) and *Batillaria zonalis* (46 ind. m^{-2}, 17%). At low tidal level (major substratum: 'Gravels and Boulders'), the abundant species were at moderate densities including rock oyster *Saccostrea cucullata* (143 ind. m^{-2}, 31%), gastropods *Monodonta labio* (127 ind. m^{-2}, 27%) and *Batillaria multiformis* (125 ind. m^{-2}, 27%).

6.5.40 At ST, gastropod gastropods *Monodonta labio* (166 ind. m^{-2}, 42%) and *Batillaria multiformis* (120 ind. m^{-2}, 31%) were of moderate densities followed by rock oyster *Saccostrea cucullata* (48 ind. m^{-2}, 12%) at high tidal level (major substratum: 'Gravels and Boulders'). At mid tidal level (major substratum: 'Gravels and Boulders'), rock oyster *Saccostrea cucullata* (176 ind. m^{-2}, 39%) and gastropod *Monodonta labio* (120 ind. m^{-2}, 26%) became abundant followed by gastropod *Lunella coronata* (61 ind. m^{-2}, 13%). At low tidal level (major substratum: 'Soft mud'), rock oyster *Saccostrea cucullata* (34 ind. m^{-2}, 38%) and gastropod *Lunella coronata* (19 ind. m^{-2}, 21%) were at low densities.

6.5.41 In general, there was no consistent zonation pattern of species distribution observed across all sampling zones and tidal levels. The species distribution should be determined by the type of substratum primarily. In general, gastropods *Batillaria multiformis* (total number of individuals: 3864 ind., relative abundance 32.9%), *Cerithidea djadjariensis* (1103 ind., 9.4%) and *Batillaria zonalis* (713 ind., 6.1%) were the most commonly occurring species on sandy and soft mud substrata. Rock oyster *Saccostrea cucullata* (2263 ind., 19.3%), gastropods *Monodonta labio* (1706 ind., 14.5%) were commonly occurring species inhabiting gravel and boulders substratum.

Biodiversity and abundance of soft shore communities

6.5.42 **Table 3.7 of Appendix I** shows the mean values of species number, 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, there was no clear difference on mean species number (7-9 spp. 0.25 m^{-2}), mean *H'* (1.2-1.5) and mean *J* (0.5-0.7). The mean density of TC1 (545 ind. m^{-2}) was higher than other sampling zones (308-398 ind. m^{-2}).

6.5.43 Across the tidal levels, there was no consistent difference of the mean number of species, *H'* and *J* in all sampling zones. For the mean density, a general decreasing trend was observed from high to low tidal level at TC1, TC2 and ST. As mentioned, the variation of mean density should be determined by the type of substratum primarily.

6.5.44 **Figures 3.11 to 3.14 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. Overall no consistent temporal change of any biological parameters was observed. All the parameters were under slight and natural fluctuation with the seasonal variation.

Impact of the HKLR project

6.5.45 The present survey was the fourteenth survey of the EM&A programme during the construction period. Based on the results, impacts of the HKLR project were not detected on intertidal soft shore community. In case, abnormal phenomenon (e.g. large reduction of fauna densities and species number) is observed, it would be reported as soon as possible.

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7 Environmental Site Inspection and Audit

7.1 Site Inspection

7.1.1 Site Inspections were carried out on a weekly basis to monitor the implementation of proper environmental pollution control and mitigation measures for the Project. During the reporting month, five site inspections were carried out on 3, 9, 16, 23 and 29 March 2016.

7.1.2 A summary of observations found during the site inspections and the follow up actions taken by the Contractor are described in **Table 7.1**.

Table 7.1 Summary of Environmental Site Inspections

Date of Audit	Observations	Actions Taken by Contractor / Recommendation	Date of Observations Closed
26 Feb 2016	1. Gap between two silt curtains were observed at Portion X. 2. Stagnant water was observed at S8. Prompt removal of stagnant water was needed to avoid mosquito breeding. 3. It was unclear about the source of effluent discharge at S11. 4. A gap was observed along the bund at S11. 5. Rubbish was accumulated at S11. 6. Black smoke emitting from a piling rig was observed at S15. 7. No drip tray was provided for chemical drums at S15. 8. Stagnant water was observed at S15. 9. No drip tray was provided for a chemical container at S15.	1. No gaps were found between silt curtains at Portion X. 2. The stagnant water was removed at S8. 3. The water source of the drain pipe was labelled at S11. 4. Sand bags was provided along seafront at S7 to avoid dropping of silt and debris into the sea. 5. The rubbish was removed at S11. 6. Black smoke no longer observed from a pilling rig at S15. 7. The chemicals were removed from the site and an additional drip tray was provided at S15. 8. Stagnant water was removed at S15. 9. The chemical container was removed at S15.	3 Mar 2016
3 Mar 2016	1. No drip tray was provided for chemicals at HMA. 2. A container was full of general refuse at HMA and general refuse was accumulated in an open space at N26. 3. Stagnant water was observed inside a drip tray at HMA. 4. An oil stain was observed at N26. 5. Stagnant water was found inside blocked U channels at N26. 6. Scum was observed at PR10.	1. The chemicals were removed from site and a drip tray was provided at HMA. 2. The accumulated waste at HMA and at N26 was removed. 3. The stagnant water inside the drip tray at HMA was removed. 4. The oil stain at N26 was cleaned up. 5. The stagnant water inside the blocked U channel was removed. 6. The scum at PR10 was removed.	9 Mar 2016
	7. A silt curtain was not properly aligned at Portion X.	7. The silt curtain at Portion X was aligned properly.	16 Mar 2016
9 Mar 2016	1. Stagnant water was observed at A2 Bridge, S7 and S15. 2. A gap was found in the slit curtains at Portion X and HMA. 3. No proper protection was provided along the seafront at S7.	1. The stagnant water at A2 Bridge, S7 and S15 was removed. 2. The silt curtains at Portion X and HMA were maintained and aligned properly.	16 Mar 2016

Date of Audit	Observations	Actions Taken by Contractor / Recommendation	Date of Observations Closed
	4. Accumulated waste was observed at the open area of S25 and the rubbish bin at WA6 was full of rubbish. 5. Silt and debris were found next to a road at S25. 6. No measure was provided for a public road next to the construction site to prevent surface runoff to the road at S25.	3. Sand bags were provided along seafront at S7 to prevent surface runoff into the sea. 4. The accumulated waste the open area of S25 and inside the rubbish bin at WA6 was removed. 5. The silt and debris at the road side of S25 was removed. 6. Water barriers together with sand bags were placed along the construction site next to the public road to prevent runoff leakage at S25 was provided.	
16 Mar 2016	1. Stagnant water was observed inside a drip tray at N26. 2. Muddy water was observed at PR10. 3. Concrete truck washing bay was observed full of water at S7. 4. There were gaps at earth bund along the seafront at S7. 5. An oil stain was observed at S11. 6. Accumulated waste was observed at S11, S16 and N1.	1. The stagnant water inside the drip tray was removed at N26. 2. No muddy water discharge was observed at PR10. 3. The wastewater inside the concrete truck washing bay at S7 was pumped out for proper treatment. 4. Sand bags was provided along the seafront at S7 and no gaps were found. 5. The oil stain at S11 was removed. 6. *The accumulated waste at S11, S16 and N1 was removed.*	23 Mar 2016
	7. Openings of slit curtain were found at Portion X.	7. Opening of silt curtain were closed at Portion X.	29 Mar 2016
23 Mar 2016	1. Slit curtains were not properly aligned at Portion X. 2. Stagnant water was observed inside a drip tray at HMA. 3. There were gaps in earth bund at S7. 4. No drip tray was provided for chemicals at S7. 5. Rubbish was observed at N1. 6. Broken sand bags were observed at S7.	1. The silt curtain at Portion X was aligned properly. 2. The stagnant water inside the drip tray at HMA was removed. 3. Proper protection along the seafront at S7 was provided to avoid dropping of silt and debris into the sea. 4. The chemicals were removed at S7. 5. The rubbish was removed at N1. 6. The broken sand bags were removed at S7.	29 Mar 2016

Date of Audit	Observations	Actions Taken by Contractor / Recommendation	Date of Observations Closed
29 Mar 2016	1. No drip tray was provided for chemical containers at N20. 2. No label was provided for oil drums at N26. 3. Stagnant water was observed at N26. 4. Checklists for checking of wastewater treatment facilities were not properly signed at N26. 5. Waste accumulation was observed at N26. 6. No labels was provided to chemical containers at N26. 7. No drip tray was provided for a chemical container at N26.	<u>The Contractor was recommended to:</u> 1. Provide drip tray for all chemical containers at N20. 2. Provide proper labels for oil drums at N26. 3. Remove the stagnant water promptly to avoid mosquito breeding. 4. Sign the checklist for checking wastewater treatment facilities after inspection immediately at N26. 5. Remove the accumulated waste from site at N26. 6. Provide labels for the chemical containers at N26. 7. Provide drip tray for all chemical containers at N26.	Follow-up actions for the observations issued for the last weekly site inspection of the reporting month will be inspected during the next site inspections.

7.1.3 The Contractor has rectified most of the observations as identified during environmental site inspections within 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 Practice 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 have 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.

7.4.2 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 No Action and Limit Level exceedances of 1-hr TSP and 24-hr TSP were recorded at AMS5 and 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, no Action Level and Limit Level exceedances of turbidity level, dissolved oxygen level and suspended solid level were recorded during the reporting month.

7.6 Summary of Complaints, Notification of Summons and Successful Prosecution

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

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

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

8 Future Key Issues

8.1 Construction Programme for the Coming Months

8.1.1 As informed by the Contractor, the major construction activities for April 2016 are summarized in **Table 8.1**.

Table 8.1 Construction Activities for April 2016

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	Pipe Piling
Portion X	Excavation and Lateral Support Works at Scenic Hill Tunnel (Cut & Cover Tunnel)
Portion X	Construction of Tunnel Box Structure at Scenic Hill Tunnel (Cut & Cover Tunnel)
Portion X and Y	Pipe piling works for Scenic Hill Tunnel (Cut & Cover Tunnel)
Portion X	Excavation for diversion of culvert PR10
Portion X	Excavation Works for HKBCF to Airport Tunnel
Portion X	Sheet Piling Works for HKBCF to Airport Tunnel East (Cut & Cover Tunnel)
Airport Road	Works for Diversion of Airport Road
Airport Road / Airport Express Line/East Coast Road	Utilities Detection
Airport Road / Airport Express Line/East Coast Road	Establishment of Site Access
Airport Road/Airport Express Line	Pipe Roofing Drilling/ Mined Tunnel Excavation/ Box Jacking underneath Airport Road and Airport Express Line
Kwo Lo Wan Road	Excavation and Lateral Support Works at shaft 3 extension north shaft
Airport Road	Excavation and Lateral Support Works for HKBCF to Airport Tunnel West (Cut & Cover Tunnel)
Portion Y	Utility Culvert Excavation
Portion Y	Sub-structure & superstructure works for Highway Operation and Maintenance Area Building
West Portal	Excavation for Scenic Hill Tunnel
West Portal	Superstructure works for Scenic Hill Tunnel West Portal Ventilation building

8.2 Environmental Monitoring Schedule for the Coming Month

8.2.1 The tentative schedule for environmental monitoring in April 2016 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. This is the forty-second Monthly EM&A report for the Contract which summarizes the monitoring results and audit findings of the EM&A programme during the reporting period from 1 to 31 March 2016.

Air Quality

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

Noise

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

Water Quality

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

Dolphin

9.1.5 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.

9.1.6 Due to monthly variation in dolphin occurrence within the study area, it would be more appropriate to draw conclusion on whether any impacts on dolphins have been detected related to the construction activities of this project in the quarterly EM&A report, where comparison on distribution, group size and encounter rates of dolphins between the quarterly impact monitoring period (March – May 2016) and baseline monitoring period (3-month period) will be made.

Mudflat

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

9.1.8 The March 2016 survey results indicate that the impacts of the HKLR project could not be detected on horseshoe crabs, seagrass and intertidal soft shore community.

Environmental Site Inspection and Audit

9.1.9 Environmental site inspection was carried out on 3, 9, 16, 23 and 29 March 2016. 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

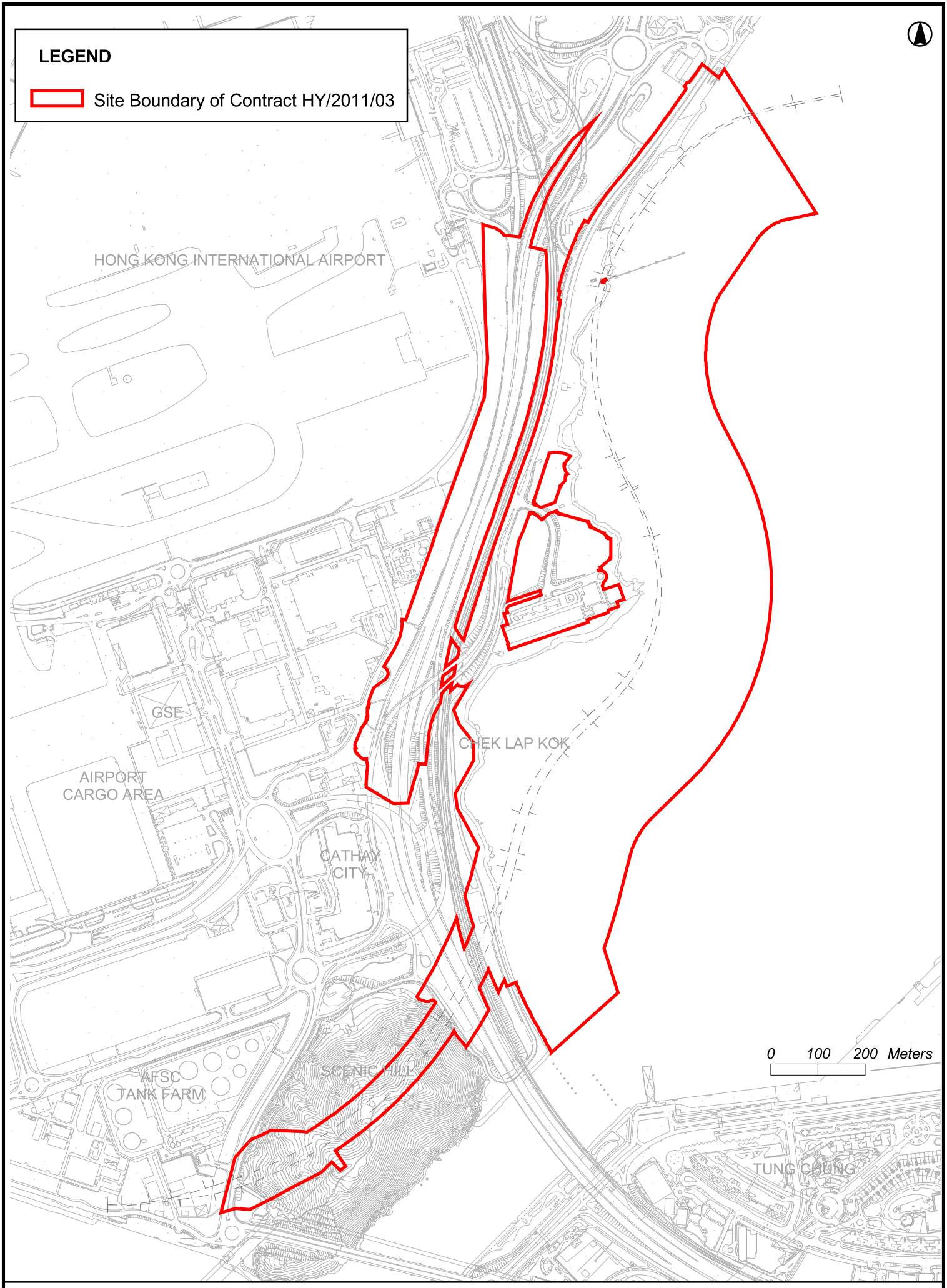

Figure 1.1 Location of the Site

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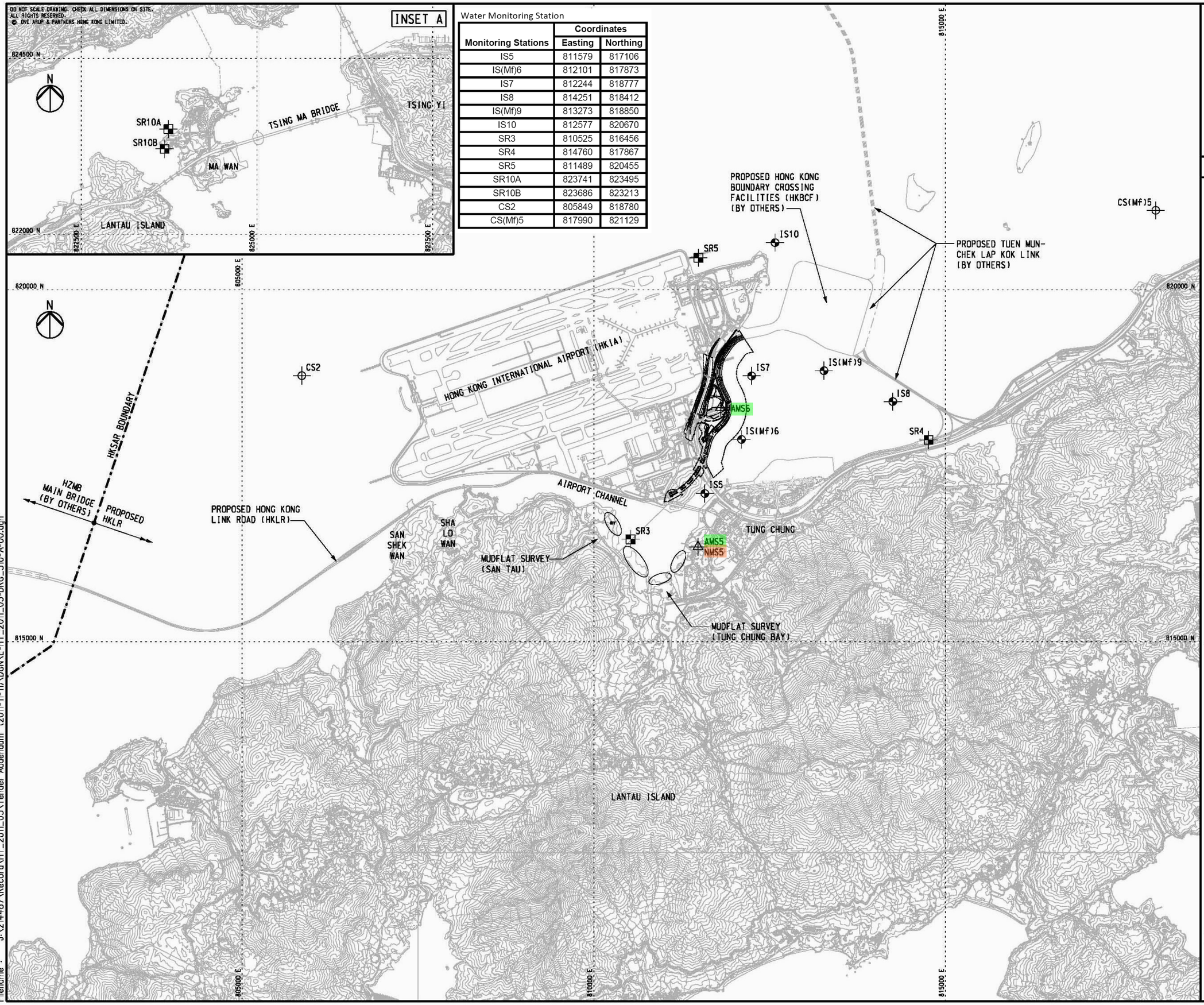
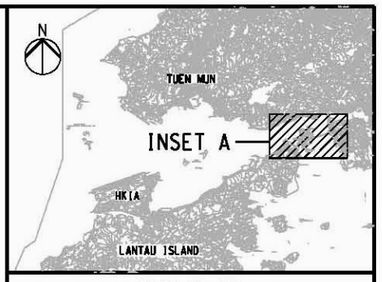
INSET A

Water Monitoring Station

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





KEY PLAN

NOTES

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

LEGEND

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

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

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

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

Drawing title
ENVIRONMENTAL MONITORING STATIONS

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

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

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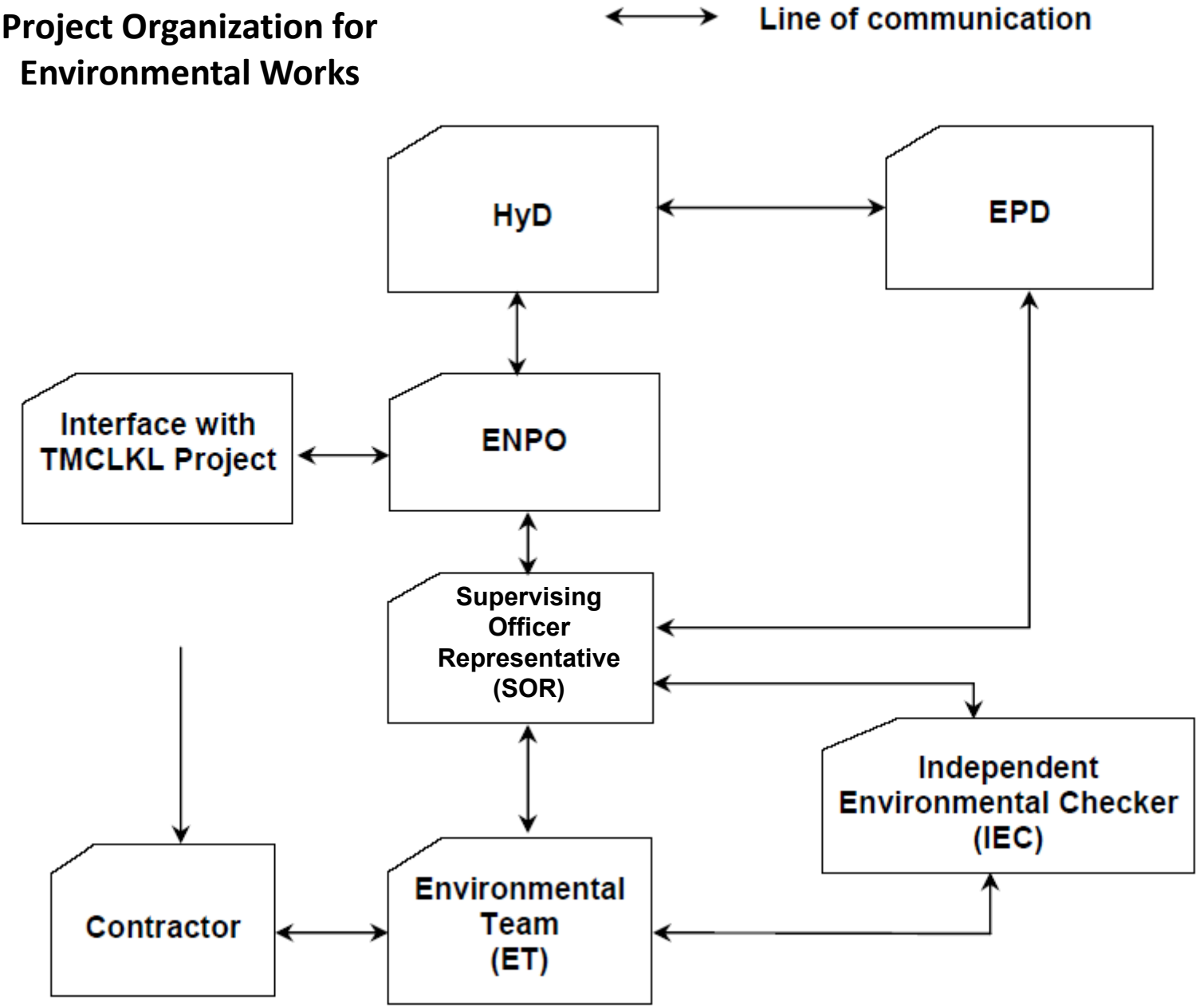
Passenger Terminal
Control Tower
Air Traffic Control Complex
CHEK LAP KOK
Lawn
Runway
Air Mail Centre
Super Terminal
Asia Airfreight Terminal
Business Aviation Centre
Airport Freight Forwarding Centre
Fuel Tank
SCENIC HILL
Ferry Pier
TUNG CHUNG
CHEK LAP KOK SOUTH ROAD
Pak Sha Tsui
Tung Chung Battery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

APPENDIX A

Environmental Management Structure

Project Organization for Environmental Works



APPENDIX B

Construction Programme

FILE: 3M47 (Rev.00)

Sheet 1 of 12

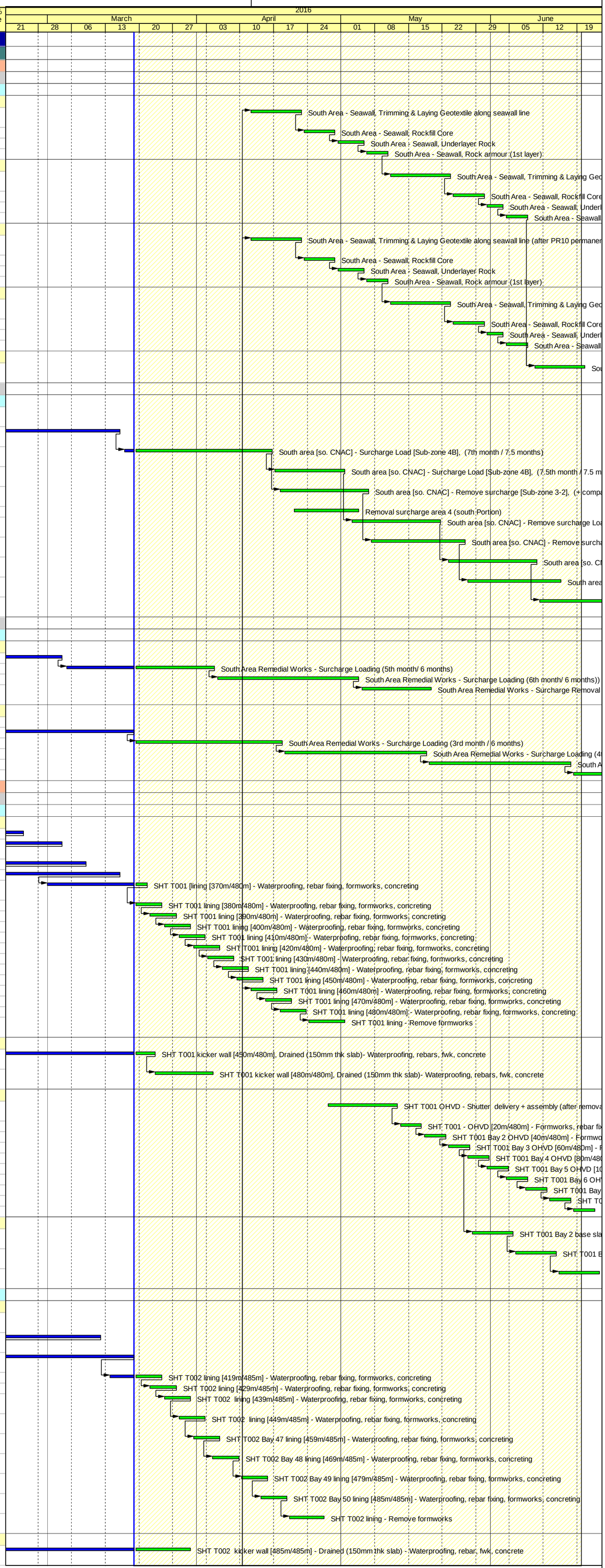
3-Months Rolling Programme (ER Part 5 & SCC 27(9))

(April 2016 to June 2016)

Layout ZMB - Layout 1 (3M Rolling Prog)(3M47)

TASK filters: 3M47, HZMB No Level Effort.

Activity ID	Activity Name	Dur. (days)	Start	Finish	Activity % Complete
3 MONTHS PROGRAMME HY/2011/03 (April 2016 to June 2016)(Rev0)					
WORKS IN SOUTH AREA - CH 13+516 to CH 15+050 (SCENIC HILL TUNNEL, MT & CCT)					
Reclamation Works					
Outstanding Reclamation Works - SWCH 0+000 to SWCH 0+450					
Seawall Construction					
SWCH 0+000 to SWCH 0+080 - 80m					
SW1550	South Area - Seawall, Trimming & Laying Geotextile along seawall line	10d	12-Apr-16	22-Apr-16	0%
SW1560	South Area - Seawall, Rockfill Core	6d	23-Apr-16	29-Apr-16	0%
SW1570	South Area - Seawall, Underlayer Rock	4d	30-Apr-16	05-May-16	0%
SW1580	South Area - Seawall, Rock armour (1st layer)	4d	06-May-16	10-May-16	0%
SWCH 0+080 to SWCH 0+150 - 70m					
SW1590	South Area - Seawall, Trimming & Laying Geotextile along seawall line	10d	11-May-16	23-May-16	0%
SW1640	South Area - Seawall, Rockfill Core	6d	24-May-16	30-May-16	0%
SW1650	South Area - Seawall, Underlayer Rock	4d	31-May-16	03-Jun-16	0%
SW1660	South Area - Seawall, Rock armour (1st layer)	4d	04-Jun-16	08-Jun-16	0%
SWCH 0+150 to SWCH 0+240 - 90m					
SW1450	South Area - Seawall, Trimming & Laying Geotextile along seawall line (after PR10 permanent diversion)	10d	12-Apr-16	22-Apr-16	0%
SW1460	South Area - Seawall, Rockfill Core	6d	23-Apr-16	29-Apr-16	0%
SW1470	South Area - Seawall, Underlayer Rock	4d	30-Apr-16	05-May-16	0%
SW1480	South Area - Seawall, Rock armour (1st layer)	4d	06-May-16	10-May-16	0%
SWCH 0+240 to SWCH 0+340 -100m					
SW1670	South Area - Seawall, Trimming & Laying Geotextile along seawall line	10d	11-May-16	23-May-16	0%
SW1680	South Area - Seawall, Rockfill Core	6d	24-May-16	30-May-16	0%
SW1690	South Area - Seawall, Underlayer Rock	4d	31-May-16	03-Jun-16	0%
SW1700	South Area - Seawall, Rock armour (1st layer)	4d	04-Jun-16	08-Jun-16	0%
SWCH 0+340 to SWCH 0+470 - 130m					
SW1440	South Area - Seawall, Rock armour (1st layer)	9d	10-Jun-16	20-Jun-16	0%
Outstanding Reclamation Works - SWCH 0+600 to SWCH 0+960(South of CNAC Tower)					
Surcharge					
RSC1188-5	South area [so. CNAC] - Surcharge Load [Sub-zone 4B], (5th month / 7.5 months)	30d	15-Jan-16 A	14-Feb-16 A	100%
RSC1188-6	South area [so. CNAC] - Surcharge Load [Sub-zone 4B], (6th month / 7.5 months)	30d	15-Feb-16 A	16-Mar-16 A	100%
RSC1188-7	South area [so. CNAC] - Surcharge Load [Sub-zone 4B], (7th month / 7.5 months)	30d	17-Mar-16 A	16-Apr-16	13%
RSC1188-8	South area [so. CNAC] - Surcharge Load [Sub-zone 4B], (7.5th month / 7.5 months)	15d	17-Apr-16	01-May-16	0%
RSC1096-1	South area [so. CNAC] - Remove surcharge [Sub-zone 3-2], (+ compaction to 5,5mPD), 1st part	16d	18-Apr-16	06-May-16	0%
RSC1097	Removal surcharge area 4 (south Portion)	11d	21-Apr-16*	04-May-16	0%
RSC1188-9	South area [so. CNAC] - Remove surcharge Load [Sub-zone 4B], (+ compaction to 5.5mPD), 1st part	16d	03-May-16	21-May-16	0%
RSC1096-2	South area [so. CNAC] - Remove surcharge [Sub-zone 3-2], (+ compaction to 5,5mPD), 2nd part	16d	07-May-16	26-May-16	0%
RSC1188-10	South area [so. CNAC] - Remove surcharge Load [Sub-zone 4B], (+ compaction to 5.5mPD), 2nd part	16d	23-May-16	10-Jun-16	0%
RSC1096-3	South area [so. CNAC] - Remove surcharge [Sub-zone 3-2], (compaction to 5,5mPD), 3rd part	16d	27-May-16	15-Jun-16	0%
RSC1188-11	South area [so. CNAC] - Remove surcharge Load [Sub-zone 4B], (+ compaction to 5.5mPD), 3rd part	16d	11-Jun-16	29-Jun-16	0%
Area 1: Outstanding Remedial Works to Seawall - SWCH 0+450 to SWCH 0+780 (300m)					
Surcharge					
Area 3A-1					
A1110-4	South Area Remedial Works - Surcharge Loading (4th month / 6 months)	30d	05-Feb-16 A	04-Mar-16 A	100%
A1110-5	South Area Remedial Works - Surcharge Loading (5th month/ 6 months)	30d	05-Mar-16 A	04-Apr-16	43%
A1110-6	South Area Remedial Works - Surcharge Loading (6th month/ 6 months))	30d	05-Apr-16	04-May-16	0%
A237474	South Area Remedial Works - Surcharge Removal	15d	05-May-16	19-May-16	0%
Area 3A-2					
A1141	South Area Remedial Works - Surcharge Loading (1st month / 6 months)	30d	13-Jan-16 A	19-Feb-16 A	100%
A1161	South Area Remedial Works - Surcharge Loading (2nd month / 6 months)	30d	20-Feb-16 A	19-Mar-16 A	100%
A1171	South Area Remedial Works - Surcharge Loading (3rd month / 6 months)	30d	19-Mar-16 A	18-Apr-16	0%
A1181	South Area Remedial Works - Surcharge Loading (4th month / 6 months)	30d	19-Apr-16	18-May-16	0%
A1201	South Area Remedial Works - Surcharge Loading (5th month/ 6 months)	30d	19-May-16	17-Jun-16	0%
A1211	South Area Remedial Works - Surcharge Loading (6th month/ 6 months))	30d	18-Jun-16	17-Jul-16	0%
SHT Mined Tunnel Works at Scenic Hill					
Mined Tunnel through Scenic Hill [480m Approx.]					
To Zhuhai-Macao [4-Lane] Carriageway - T001					
T001 Lining					
SHT4880	SHT T001 lining [330m/480m] - Waterproofing, rebar fixing, formworks, concreting	6d	16-Jan-16 A	25-Feb-16 A	100%
SHT4890	SHT T001 lining [340m/480m] - Waterproofing, rebar fixing, formworks, concreting	6d	21-Jan-16 A	04-Mar-16 A	100%
SHT4900	SHT T001 lining [350m/480m] - Waterproofing, rebar fixing, formworks, concreting	6d	15-Feb-16 A	09-Mar-16 A	100%
SHT4910	SHT T001 lining [360m/480m] - Waterproofing, rebar fixing, formworks, concreting	6d	19-Feb-16 A	16-Mar-16 A	100%
SHT4920	SHT T001 [lining [370m/480m] - Waterproofing, rebar fixing, formworks, concreting	6d	01-Mar-16 A	21-Mar-16	50%
SHT4930	SHT T001 lining [380m/480m] - Waterproofing, rebar fixing, formworks, concreting	6d	19-Mar-16	24-Mar-16	0%
SHT4940	SHT T001 lining [390m/480m] - Waterproofing, rebar fixing, formworks, concreting	6d	22-Mar-16	27-Mar-16	0%
SHT4950	SHT T001 lining [400m/480m] - Waterproofing, rebar fixing, formworks, concreting	6d	25-Mar-16	30-Mar-16	0%
SHT4960	SHT T001 lining [410m/480m] - Waterproofing, rebar fixing, formworks, concreting	6d	28-Mar-16	02-Apr-16	0%
SHT4970	SHT T001 lining [420m/480m] - Waterproofing, rebar fixing, formworks, concreting	6d	31-Mar-16	05-Apr-16	0%
SHT4980	SHT T001 lining [430m/480m] - Waterproofing, rebar fixing, formworks, concreting	6d	03-Apr-16	08-Apr-16	0%
SHT4990	SHT T001 lining [440m/480m] - Waterproofing, rebar fixing, formworks, concreting	6d	06-Apr-16	11-Apr-16	0%
SHT5010	SHT T001 lining [450m/480m] - Waterproofing, rebar fixing, formworks, concreting	6d	09-Apr-16	14-Apr-16	0%
SHT5020	SHT T001 lining [460m/480m] - Waterproofing, rebar fixing, formworks, concreting	6d	12-Apr-16	17-Apr-16	0%
SHT5030	SHT T001 lining [470m/480m] - Waterproofing, rebar fixing, formworks, concreting	6d	15-Apr-16	20-Apr-16	0%
SHT5040	SHT T001 lining [480m/480m] - Waterproofing, rebar fixing, formworks, concreting	6d	18-Apr-16	23-Apr-16	0%
SHT4670	SHT T001 lining - Remove formworks	8d	24-Apr-16	01-May-16	0%
T001 Kicker Wall					
SHT4000-18	SHT T001 kicker wall [450m/480m], Drained (150mm thk slab)- Waterproofing, rebars, fwk, concrete	12d	07-Jan-16 A	23-Mar-16	77%
SHT4000-19	SHT T001 kicker wall [480m/480m], Drained (150mm thk slab)- Waterproofing, rebars, fwk, concrete	12d	23-Mar-16	04-Apr-16	0%
T001 OHVD					
SHT5110-04	SHT T001 OHVD - Shutter delivery + assembly (after removal of falsework @ vent bldg-T001)	15d	28-Apr-16*	12-May-16	0%
SHT5110-1	SHT T001 - OHVD [20m/480m] - Formworks, rebar fixing, concreting	5d	13-May-16	17-May-16	0%
SHT5110-2	SHT T001 Bay 2 OHVD [40m/480m] - Formworks, rebar fixing, concreting	5d	18-May-16	22-May-16	0%
SHT5110-3	SHT T001 Bay 3 OHVD [60m/480m] - Formworks, rebar fixing, concreting	5d	23-May-16	27-May-16	0%
SHT5110-4	SHT T001 Bay 4 OHVD [80m/480m] - Formworks, rebar fixing, concreting	5d	27-May-16	31-May-16	0%
SHT5110-5	SHT T001 Bay 5 OHVD [100m/480m] - Formworks, rebar fixing, concreting	5d	31-May-16	04-Jun-16	0%
SHT5110-6	SHT T001 Bay 6 OHVD [120m/480m] - Formworks, rebar fixing, concreting	5d	04-Jun-16	08-Jun-16	0%
SHT5110-7	SHT T001 Bay 7 OHVD [140m/480m] - Formworks, rebar fixing, concreting	5d	08-Jun-16	12-Jun-16	0%
SHT5110-8	SHT T001 Bay 8 OHVD [160m/480m] - Formworks, rebar fixing, concreting	5d	13-Jun-16	17-Jun-16	0%
SHT5110-9	SHT T001 Bay 9 OHVD [180m/480m] - Formworks, rebar fixing, concreting	5d	18-Jun-16	22-Jun-16	0%
T001 Base Slab					
SHT4010	SHT T001 Bay 2 base slab [60m/480m], 150mm thk, drained section - Waterproofing, rebar, fwk, concrete	9d	28-May-16	05-Jun-16	0%
SHT4020	SHT T001 Bay 3 base slab [90m/480m], 150mm thk, drained section - Waterproofing, rebar, fwk, concrete	9d	06-Jun-16	14-Jun-16	0%
SHT4030	SHT T001 Bay 4 base slab [120m/480m], 150mm thk, drained section - Waterproofing, rebar, fwk, concrete	9d	15-Jun-16	23-Jun-16	0%
To HKBCF [3-Lane] Carriageway - T002					
T002 Lining					
SHT7430	SHT T002 lining [389m/485m] - Waterproofing, rebar fixing, formworks, concreting	6d	09-Jan-16 A	18-Feb-16 A	100%
SHT7440	SHT T002 lining [399m/485m] - Waterproofing, rebar fixing, formworks, concreting	6d	18-Jan-16 A	12-Mar-16 A	100%
SHT7450	SHT T002 lining [409m/485m] - Waterproofing, rebar fixing, formworks, concreting	6d	19-Feb-16 A	19-Mar-16 A	100%
SHT7460	SHT T002 lining [419m/485m] - Waterproofing, rebar fixing, formworks, concreting	6d	14-Mar-16 A	24-Mar-16	0%
SHT7470	SHT T002 lining [429m/485m] - Waterproofing, rebar fixing, formworks, concreting	6d	22-Mar-16	27-Mar-16	0%
SHT7480	SHT T002 lining [439m/485m] - Waterproofing, rebar fixing, formworks, concreting	6d	25-Mar-16	30-Mar-16	0%
SHT7490	SHT T002 lining [449m/485m] - Waterproofing, rebar fixing, formworks, concreting	6d	28-Mar-16	02-Apr-16	0%
SHT7520	SHT T002 Bay 47 lining [459m/485m] - Waterproofing, rebar fixing, formworks, concreting	6d	31-Mar-16	05-Apr-16	0%
SHT7530	SHT T002 Bay 48 lining [469m/485m] - Waterproofing, rebar fixing, formworks, concreting	6d	04-Apr-16	09-Apr-16	0%
SHT7540	SHT T002 Bay 49 lining [479m/485m] - Waterproofing, rebar fixing, formworks, concreting	6d	10-Apr-16	15-Apr-16	0%
SHT7550	SHT T002 Bay 50 lining [485m/485m] - Waterproofing, rebar fixing, formworks, concreting	6d	14-Apr-16	19-Apr-16	0%
SHT7160	SHT T002 lining - Remove formworks	8d	20-Apr-16	27-Apr-16	0%
T002 Kicker Wall					
SHT6500-23	SHT T002 kicker wall [485m/485m] - Drained (150mm thk slab) - Waterproofing, rebar, fwk, concrete	12d	27-Jan-16 A	30-Mar-16	0%



Works Programme
Works Programme
Works Programme
Milestone
Milestone
Works Programme

China State Construction Engineering (Hong Kong) Ltd -

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

, Section between Scenic Hill and HKBCF

Prepared by CKK

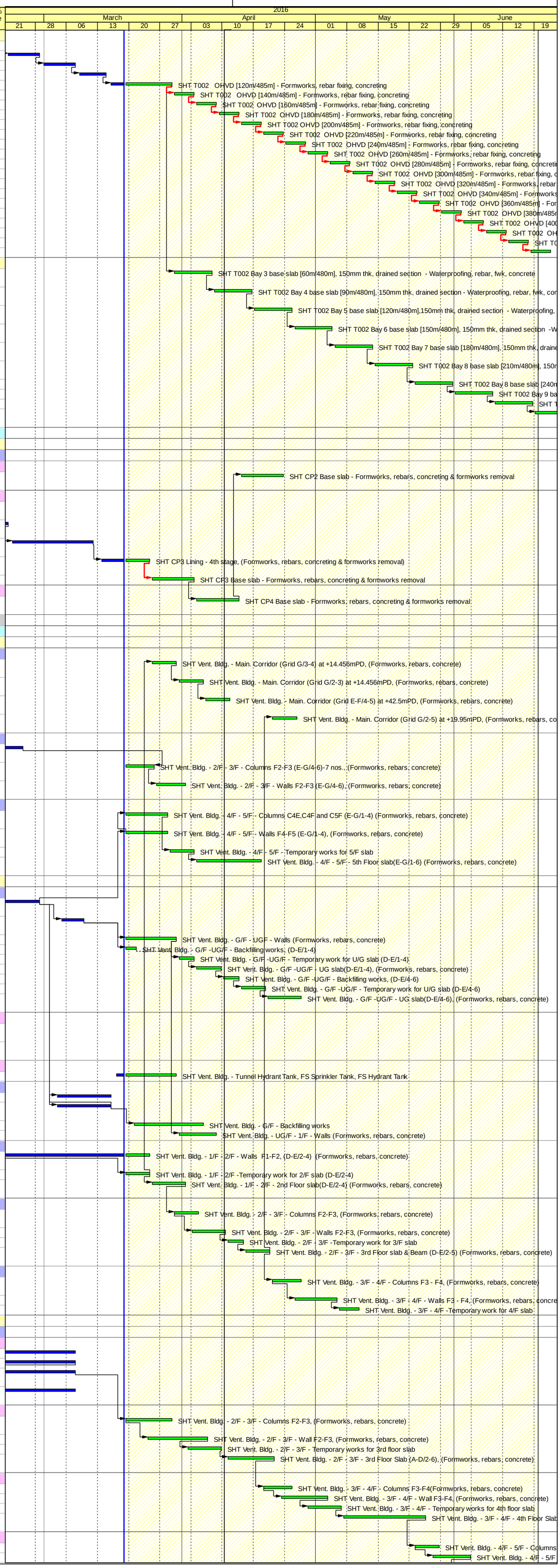
Date	Revision	Checked	Approved
29-Mar-16		WC	SYT

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))

(April 2016 to June 2016)

Activity ID	Activity Name	Dur. (days)	Start	Finish	Activity % Complete
T002 OHVD					
SHT7510-2	SHT T002 OHVD [40m/485m] - Formworks, rebar fixing, concreting	5d	01-Feb-16 A	20-Feb-16 A	100%
SHT7510-3	SHT T002 OHVD [60m/485m] - Formworks, rebar fixing, concreting	5d	22-Feb-16 A	29-Feb-16 A	100%
SHT7510-4	SHT T002 OHVD [80m/485m] - Formworks, rebar fixing, concreting	5d	01-Mar-16 A	08-Mar-16 A	100%
SHT7510-5	SHT T002 OHVD [100m/485m] - Formworks, rebar fixing, concreting	5d	09-Mar-16 A	15-Mar-16 A	100%
SHT7510-6	SHT T002 OHVD [120m/485m] - Formworks, rebar fixing, concreting	5d	16-Mar-16 A	29-Mar-16	40%
SHT7510-7	SHT T002 OHVD [140m/485m] - Formworks, rebar fixing, concreting	5d	30-Mar-16	03-Apr-16	0%
SHT7510-8	SHT T002 OHVD [160m/485m] - Formworks, rebar fixing, concreting	5d	04-Apr-16	08-Apr-16	0%
SHT7510-9	SHT T002 OHVD [180m/485m] - Formworks, rebar fixing, concreting	5d	09-Apr-16	13-Apr-16	0%
SHT7510-10	SHT T002 OHVD [200m/485m] - Formworks, rebar fixing, concreting	5d	14-Apr-16	18-Apr-16	0%
SHT7510-11	SHT T002 OHVD [220m/485m] - Formworks, rebar fixing, concreting	5d	19-Apr-16	23-Apr-16	0%
SHT7510-12	SHT T002 OHVD [240m/485m] - Formworks, rebar fixing, concreting	5d	24-Apr-16	28-Apr-16	0%
SHT7510-13	SHT T002 OHVD [260m/485m] - Formworks, rebar fixing, concreting	5d	29-Apr-16	03-May-16	0%
SHT7510-14	SHT T002 OHVD [280m/485m] - Formworks, rebar fixing, concreting	5d	04-May-16	08-May-16	0%
SHT7510-15	SHT T002 OHVD [300m/485m] - Formworks, rebar fixing, concreting	5d	09-May-16	13-May-16	0%
SHT7510-16	SHT T002 OHVD [320m/485m] - Formworks, rebar fixing, concreting	5d	14-May-16	18-May-16	0%
SHT7510-17	SHT T002 OHVD [340m/485m] - Formworks, rebar fixing, concreting	5d	19-May-16	23-May-16	0%
SHT7510-18	SHT T002 OHVD [360m/485m] - Formworks, rebar fixing, concreting	5d	24-May-16	28-May-16	0%
SHT7510-19	SHT T002 OHVD [380m/485m] - Formworks, rebar fixing, concreting	5d	29-May-16	02-Jun-16	0%
SHT7510-20	SHT T002 OHVD [400m/485m] - Formworks, rebar fixing, concreting	5d	03-Jun-16	07-Jun-16	0%
SHT7510-21	SHT T002 OHVD [420m/485m] - Formworks, rebar fixing, concreting	5d	08-Jun-16	12-Jun-16	0%
SHT7510-22	SHT T002 OHVD [440m/485m] - Formworks, rebar fixing, concreting	5d	13-Jun-16	17-Jun-16	0%
SHT7510-23	SHT T002 OHVD [460m/485m] - Formworks, rebar fixing, concreting	5d	18-Jun-16	22-Jun-16	0%
T002 Base Slab					
SHT6510	SHT T002 Bay 3 base slab [60m/480m], 150mm thk, drained section - Waterproofing, rebar, fwk, concrete	9d	30-Mar-16	07-Apr-16	0%
SHT6520	SHT T002 Bay 4 base slab [90m/480m], 150mm thk, drained section - Waterproofing, rebar, fwk, concrete	9d	08-Apr-16	16-Apr-16	0%
SHT6530	SHT T002 Bay 5 base slab [120m/480m],150mm thk, drained section - Waterproofing, rebar, fwk, concrete	9d	17-Apr-16	25-Apr-16	0%
SHT6540	SHT T002 Bay 6 base slab [150m/480m], 150mm thk, drained section -Waterproofing, rebar, fwk, concrete	9d	26-Apr-16	04-May-16	0%
SHT6550	SHT T002 Bay 7 base slab [180m/480m], 150mm thk, drained section - Waterproofing, rebar, fwk, concrete	9d	05-May-16	13-May-16	0%
SHT6560	SHT T002 Bay 8 base slab [210m/480m], 150mm thk, drained section - Waterproofing, rebar, fwk, concrete	9d	14-May-16	22-May-16	0%
SHT6570	SHT T002 Bay 8 base slab [240m/480m] - Waterproofing, rebar, fwk, concrete	9d	23-May-16	31-May-16	0%
SHT6580	SHT T002 Bay 9 base slab [270m/480m] - Waterproofing, rebar, fwk, concrete	9d	01-Jun-16	09-Jun-16	0%
SHT6590	SHT T002 Bay 10 base slab [300m/480m] -Waterproofing, rebar, fwk, concrete	9d	10-Jun-16	18-Jun-16	0%
SHT6600	SHT T002 Bay 11 base slab [330m/480m] - Waterproofing, rebar fixing, formworks, concreting	9d	19-Jun-16	27-Jun-16	0%
Cross Passages					
Civil & Structural and E&M Works					
Cross Passage At Mined Tunnel - 5 nos.					
Cross Passage - CP2					
SHT9060-9	SHT CP2 Base slab - Formworks, rebars, concreting & formworks removal	10d	14-Apr-16	23-Apr-16	0%
Cross Passage - CP3					
SHT9060-30	SHT CP3 Lining - 1st stage, (Formworks, rebars, concreting & formworks removal)	6d	09-Dec-15 A	15-Feb-16 A	100%
SHT9060-40	SHT CP3 Lining - 2nd stage, (Formworks, rebars, concreting & formworks removal)	6d	16-Feb-16 A	22-Feb-16 A	100%
SHT9060-50	SHT CP3 Lining - 3rd stage, (Formworks, rebars, concreting & formworks removal)	6d	23-Feb-16 A	12-Mar-16 A	100%
SHT9060-60	SHT CP3 Lining - 4th stage, (Formworks, rebars, concreting & formworks removal)	6d	14-Mar-16 A	24-Mar-16	0%
SHT9060-10	SHT CP3 Base slab - Formworks, rebars, concreting & formworks removal	10d	25-Mar-16	03-Apr-16	0%
Cross Passage - CP4					
SHT9060-120	SHT CP4 Base slab - Formworks, rebars, concreting & formworks removal	10d	04-Apr-16	13-Apr-16	0%
Ventilation Building					
RC Works					
T002 - Area between E-G/1-6					
Maintenance corridor					
SHT9968	SHT Vent. Bldg. - Main. Corridor (Grid G/3-4) at +14.456mPD, (Formworks, rebars, concrete)	6d	25-Mar-16	30-Mar-16	0%
SHT9978	SHT Vent. Bldg. - Main. Corridor (Grid G/2-3) at +14.456mPD, (Formworks, rebars, concrete)	6d	31-Mar-16	05-Apr-16	0%
SHT9938	SHT Vent. Bldg. - Main. Corridor (Grid E-F/4-5) at +42.5mPD, (Formworks, rebars, concrete)	6d	06-Apr-16	11-Apr-16	0%
SHT9958	SHT Vent. Bldg. - Main. Corridor (Grid G/2-5) at +19.95mPD, (Formworks, rebars, concrete)	6d	21-Apr-16	26-Apr-16	0%
2nd Floor - 3rd Floor					
SHT8340	SHT Vent. Bldg. - 2/F - 3/F - Walls F2-F3 (E-G/1-4), (Formworks, rebars, concrete)	5d	12-Nov-15 A	25-Feb-16 A	100%
SHT8112	SHT Vent. Bldg. - 2/F - 3/F - Columns F2-F3 (E-G/4-6)-7 nos., (Formworks, rebars, concrete)	7d	19-Mar-16	25-Mar-16	0%
SHT8410	SHT Vent. Bldg. - 2/F - 3/F - Walls F2-F3 (E-G/4-6), (Formworks, rebars, concrete)	7d	26-Mar-16	01-Apr-16	0%
4th Floor - 5th Floor					
SHT8592	SHT Vent. Bldg. - 4/F - 5/F - Columns C4E,C4F and C5F (E-G/1-4) (Formworks, rebars, concrete)	10d	19-Mar-16	28-Mar-16	0%
SHT8602	SHT Vent. Bldg. - 4/F - 5/F - Walls F4-F5 (E-G/1-4), (Formworks, rebars, concrete)	10d	19-Mar-16	28-Mar-16	0%
SHT8612	SHT Vent. Bldg. - 4/F - 5/F - Temporary works for 5/F slab	6d	29-Mar-16	03-Apr-16	0%
SHT8622	SHT Vent. Bldg. - 4/F - 5/F - 5th Floor slab(E-G/1-6) (Formworks, rebars, concrete)	15d	04-Apr-16	18-Apr-16	0%
Area between D-E/1-6					
Ground Floor - Upper Ground Floor					
SHT8222	SHT Vent. Bldg. - G/F -UG/F - Columns C1D and C2Da to UG/F, (Formworks, rebars, concrete)	10d	20-Feb-16 A	29-Feb-16 A	100%
SHT8162	SHT Vent. Bldg. - G/F -UG/F - Columns C5Da& C5Db, and Beams UGBD5 (Formworks, rebars, concrete)	6d	05-Mar-16 A	10-Mar-16 A	100%
SHT8682	SHT Vent. Bldg. - G/F - UGF - Walls (Formworks, rebars, concrete)	7d	19-Mar-16	30-Mar-16	0%
SHT8182	SHT Vent. Bldg. - G/F -UG/F - Backfilling works, (D-E/1-4)	3d	19-Mar-16	21-Mar-16	0%
SHT8192	SHT Vent. Bldg. - G/F -UG/F - Temporary work for U/G slab (D-E/1-4)	4d	31-Mar-16	03-Apr-16	0%
SHT8202	SHT Vent. Bldg. - G/F -UG/F - UG slab(D-E/1-4), (Formworks, rebars, concrete)	6d	04-Apr-16	09-Apr-16	0%
SHT8232	SHT Vent. Bldg. - G/F -UG/F - Backfilling works, (D-E/4-6)	4d	10-Apr-16	13-Apr-16	0%
SHT8242	SHT Vent. Bldg. - G/F -UG/F - Temporary work for U/G slab (D-E/4-6)	6d	14-Apr-16	19-Apr-16	0%
SHT8252	SHT Vent. Bldg. - G/F -UG/F - UG slab(D-E/4-6), (Formworks, rebars, concrete)	8d	20-Apr-16	27-Apr-16	0%
Interface Room					
SHT9888	SHT Vent. Bldg. - Interface Room - Roof Slab and Beam (Formworks, rebars, concrete)	12d	27-Jan-16 A	19-Feb-16 A	100%
SHT9918	SHT Vent. Bldg. - Interface Room - Wall (Formworks, rebars, concrete)	10d	27-Jan-16 A	19-Feb-16 A	100%
Water Tank					
SHT9998	SHT Vent. Bldg. - Tunnel Hydrant Tank, FS Sprinkler Tank, FS Hydrant Tank	12d	17-Mar-16 A	30-Mar-16	30%
Upper Ground Floor - 1st Floor					
SHT9928	SHT Vent. Bldg. - 1st Floor slab & Beam (D-E/2-3) (Formworks, rebars, concrete)	7d	04-Mar-16 A	16-Mar-16 A	100%
SHT8422	SHT Vent. Bldg. - UG/F - 1/F Columns C1D and C2Da & Beam UGBD1a (Formworks, rebars, concrete)	10d	04-Mar-16 A	16-Mar-16 A	100%
SHT8432	SHT Vent. Bldg. - G/F - Backfilling works	10d	21-Mar-16	05-Apr-16	0%
SHT8692	SHT Vent. Bldg. - UG/F - 1/F - Walls (Formworks, rebars, concrete)	7d	31-Mar-16	08-Apr-16	0%
1st Floor - 2nd Floor					
SHT8462	SHT Vent. Bldg. - 1/F - 2/F - Walls F1-F2, (D-E/2-4) (Formworks, rebars, concrete)	8d	16-Feb-16 A	24-Mar-16	25%
SHT8472	SHT Vent. Bldg. - 1/F - 2/F -Temporary work for 2/F slab (D-E/2-4)	6d	19-Mar-16	24-Mar-16	0%
SHT8482	SHT Vent. Bldg. - 1/F - 2/F - 2nd Floor slab(D-E/2-4) (Formworks, rebars, concrete)	8d	25-Mar-16	01-Apr-16	0%
2nd Floor - 3rd Floor					
SHT8492	SHT Vent. Bldg. - 2/F - 3/F - Columns F2-F3, (Formworks, rebars, concrete)	6d	30-Mar-16	04-Apr-16	0%
SHT8502	SHT Vent. Bldg. - 2/F - 3/F - Walls F2-F3, (Formworks, rebars, concrete)	8d	03-Apr-16	10-Apr-16	0%
SHT8512	SHT Vent. Bldg. - 2/F - 3/F -Temporary work for 3/F slab	4d	11-Apr-16	14-Apr-16	0%
SHT8532	SHT Vent. Bldg. - 2/F - 3/F - 3rd Floor slab & Beam (D-E/2-5) (Formworks, rebars, concrete)	6d	15-Apr-16	20-Apr-16	0%
3rd Floor - 4th Floor					
SHT8542	SHT Vent. Bldg. - 3/F - 4/F - Columns F3 - F4, (Formworks, rebars, concrete)	6d	21-Apr-16	27-Apr-16	0%
SHT8552	SHT Vent. Bldg. - 3/F - 4/F - Walls F3 - F4, (Formworks, rebars, concrete)	8d	26-Apr-16	05-May-16	0%
SHT8562	SHT Vent. Bldg. - 3/F - 4/F -Temporary work for 4/F slab	4d	06-May-16	10-May-16	0%
T001 - Area between A-D/1-6					
T001 - Area between A-D/1-6					
1st Floor - 2nd Floor					
SHT10088	SHT Vent. Bldg. - 1/F - 2/F - Wall F1-F2, (Formworks, rebars, concrete)	9d	20-Feb-16 A	08-Mar-16 A	100%
SHT10098	SHT Vent. Bldg. - 1/F - 2/F - Temporary works for 2nd floor slab	8d	20-Feb-16 A	08-Mar-16 A	100%
SHT10108	SHT Vent. Bldg. - 1/F - 2/F - 2nd Floor Slab (A-D/2-6), (Formworks, rebars, concrete)	12d	20-Feb-16 A	08-Mar-16 A	100%
SHT10078	SHT Vent. Bldg. - 1/F - 2/F - Columns F1-F2, (Formworks, rebars, concrete)	9d	20-Feb-16 A	08-Mar-16 A	100%
2nd Floor - 3rd Floor					
SHT10038	SHT Vent. Bldg. - 2/F - 3/F - Columns F2-F3, (Formworks, rebars, concrete)	6d	19-Mar-16 A	29-Mar-16	5%
SHT10048	SHT Vent. Bldg. - 2/F - 3/F - Wall F2-F3, (Formworks, rebars, concrete)	8d	24-Mar-16	06-Apr-16	0%
SHT10058	SHT Vent. Bldg. - 2/F - 3/F - Temporary works for 3rd floor slab	6d	02-Apr-16	09-Apr-16	0%
SHT10068	SHT Vent. Bldg. - 2/F - 3/F - 3rd Floor Slab (A-D/2-6), (Formworks, rebars, concrete)	10d	11-Apr-16	21-Apr-16	0%
3rd Floor - 4th Floor					
SHT10158	SHT Vent. Bldg. - 3/F - 4/F - Columns F3-F4(Formworks, rebars, concrete)	6d	19-Apr-16	25-Apr-16	0%
SHT10168	SHT Vent. Bldg. - 3/F - 4/F - Wall F3-F4, (Formworks, rebars, concrete)	8d	23-Apr-16	03-May-16	0%
SHT10178	SHT Vent. Bldg. - 3/F - 4/F - Temporary works for 4th floor slab	6d	29-Apr-16	06-May-16	0%
SHT10188	SHT Vent. Bldg. - 3/F - 4/F - 4th Floor Slab (A-D/2-6), (Formworks, rebars, concrete)	15d	07-May-16	25-May-16	0%
4th Floor - 5th Floor					
SHT10198	SHT Vent. Bldg. - 4/F - 5/F - Columns F4-F5, (Formworks, rebars, concrete)	6d	23-May-16	28-May-16	0%
SHT10208	SHT Vent. Bldg. - 4/F - 5/F - Wall F4-F5, (Formworks, rebars, concrete)	8d	27-May-16	04-Jun-16	0%



FILE: 3M47 (Rev.00)

Sheet 3 of 12

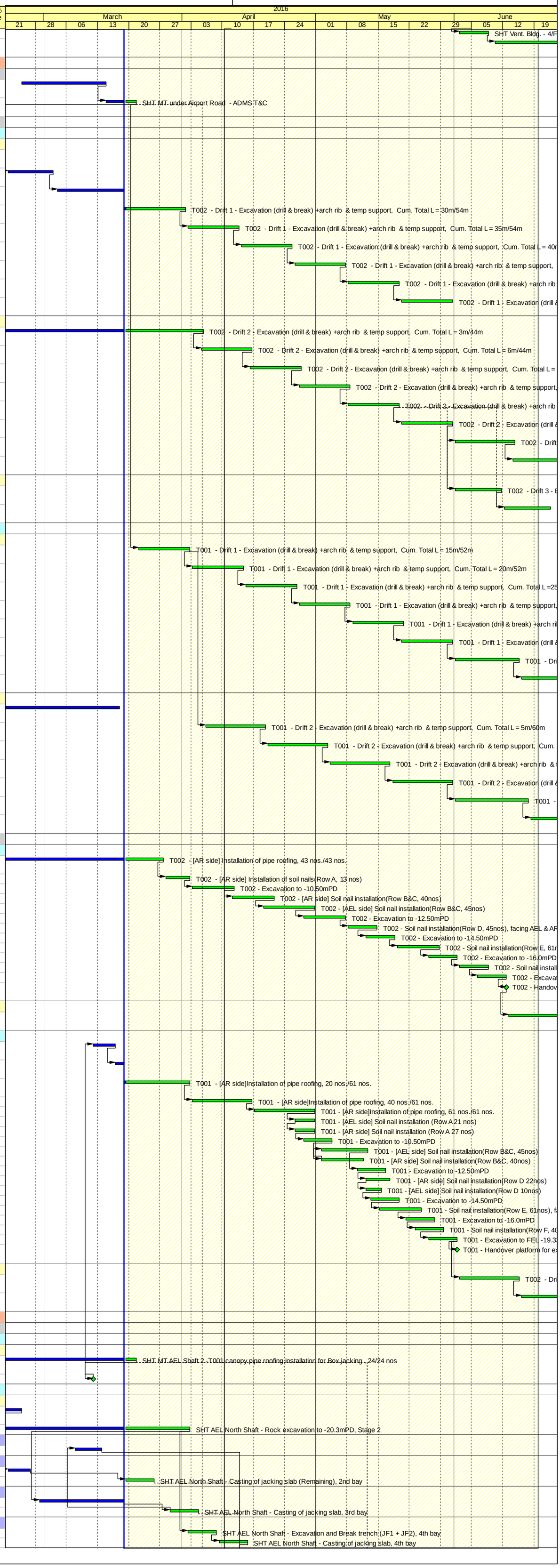
3-Months Rolling Programme (ER Part 5 & SCC 27(9))

(April 2016 to June 2016)

Layout ZMB - Layout 1 (3M Rolling Prog)(3M47)

TASK filters: 3M47, HZMB No Level Effort.

Activity ID	Activity Name	Dur. (days)	Start	Finish	Activity % Complete
SHT10218	SHT Vent. Bldg. - 4/F - 5/F - Temporary works for 5th floor slab	6d	02-Jun-16	08-Jun-16	0%
SHT10228	SHT Vent. Bldg. - 4/F - 5/F - 5th Floor Slab (A-D/2-6), (Formworks, rebars, concrete)	15d	10-Jun-16	27-Jun-16	0%
Mined Tunnel Under Airport Road between SHAFT 1 & SHAFT 2(by Drill & Break)					
Installation of ADMS					
SHT3360-1	SHT MT under Airport Road - Implement TTA and Installation of ADMS	9d	25-Feb-16 A	15-Mar-16 A	100%
SHT3360-2	SHT MT under Airport Road - ADMS T&C	7d	15-Mar-16 A	21-Mar-16	60%
Mined Tunnel Works - Drive from Shaft 1(by Drill & Break)					
T002 (from Shaft 1)					
T002 - Drift 1					
SHT2120-54	T002 - Drift 1 - Excavation (drill & break) +arch rib & temp support, Cum. Total L = 15m/54m	12d	30-Dec-15 A	20-Feb-16 A	100%
SHT2120-56	T002 - Drift 1 - Excavation (drill & break) +arch rib & temp support, Cum. Total L = 20m/54m	12d	22-Feb-16 A	03-Mar-16 A	100%
SHT2120-58	T002 - Drift 1 - Excavation (drill & break) +arch rib & temp support, Cum. Total L = 25m/54m	12d	04-Mar-16 A	19-Mar-16 A	100%
SHT2120-60	T002 - Drift 1 - Excavation (drill & break) +arch rib & temp support, Cum. Total L = 30m/54m	12d	19-Mar-16 A	01-Apr-16	16%
SHT2120-62	T002 - Drift 1 - Excavation (drill & break) +arch rib & temp support, Cum. Total L = 35m/54m	12d	02-Apr-16	13-Apr-16	0%
SHT2120-64	T002 - Drift 1 - Excavation (drill & break) +arch rib & temp support, Cum. Total L = 40m/54m	12d	14-Apr-16	25-Apr-16	0%
SHT2120-66	T002 - Drift 1 - Excavation (drill & break) +arch rib & temp support, Cum. Total L = 45m/54m	12d	26-Apr-16	07-May-16	0%
SHT2120-65	T002 - Drift 1 - Excavation (drill & break) +arch rib & temp support, Cum. Total L = 50m/54m	12d	08-May-16	19-May-16	0%
SHT2120-67	T002 - Drift 1 - Excavation (drill & break) +arch rib & temp support, Cum. Total L = 54m/54m	12d	20-May-16	31-May-16	0%
T002 - Drift 2					
SHT2120-68	T002 - Drift 2 - Excavation (drill & break) +arch rib & temp support, Cum. Total L = 3m/44m	12d	27-Jan-16 A	05-Apr-16	0%
SHT2120-70	T002 - Drift 2 - Excavation (drill & break) +arch rib & temp support, Cum. Total L = 6m/44m	12d	05-Apr-16	16-Apr-16	0%
SHT2120-72	T002 - Drift 2 - Excavation (drill & break) +arch rib & temp support, Cum. Total L = 12m/44m	12d	16-Apr-16	27-Apr-16	0%
SHT2120-74	T002 - Drift 2 - Excavation (drill & break) +arch rib & temp support, Cum. Total L = 18m/44m	12d	27-Apr-16	08-May-16	0%
SHT2120-76	T002 - Drift 2 - Excavation (drill & break) +arch rib & temp support, Cum. Total L = 24m/44m	12d	08-May-16	19-May-16	0%
SHT2120-80	T002 - Drift 2 - Excavation (drill & break) +arch rib & temp support, Cum. Total L = 31 m/44m	12d	20-May-16	31-May-16	0%
SHT2120-82	T002 - Drift 2 - Excavation (drill & break) +arch rib & temp support, Cum. Total L = 36m/44m	14d	01-Jun-16	14-Jun-16	0%
SHT2120-84	T002 - Drift 2 - Excavation (drill & break) +arch rib & temp support, Cum. Total L = 44m/44m	14d	14-Jun-16	27-Jun-16	0%
T002 - Drift 3					
SHT2120-86	T002 - Drift 3 - Excavation (drill & break) +arch rib & temp support, Cum. Total L = 5m/35m	11d	01-Jun-16	11-Jun-16	0%
SHT2120-88	T002 - Drift 3 - Excavation (drill & break) +arch rib & temp support, Cum. Total L = 12m/35m	11d	12-Jun-16	22-Jun-16	0%
T001 (from Shaft 1)					
T001 - Drift 1					
SHT2121-56	T001 - Drift 1 - Excavation (drill & break) +arch rib & temp support, Cum. Total L = 15m/52m	12d	22-Mar-16	02-Apr-16	0%
SHT2121-58	T001 - Drift 1 - Excavation (drill & break) +arch rib & temp support, Cum. Total L = 20m/52m	12d	03-Apr-16	14-Apr-16	0%
SHT2121-60	T001 - Drift 1 - Excavation (drill & break) +arch rib & temp support, Cum. Total L =25m/52m	12d	15-Apr-16	26-Apr-16	0%
SHT2121-62	T001 - Drift 1 - Excavation (drill & break) +arch rib & temp support, Cum. Total L = 30m/52m	12d	27-Apr-16	08-May-16	0%
SHT2121-64	T001 - Drift 1 - Excavation (drill & break) +arch rib & temp support, Cum. Total L = 35m/52m	12d	09-May-16	20-May-16	0%
SHT2121-66	T001 - Drift 1 - Excavation (drill & break) +arch rib & temp support, Cum. Total L = 41m/52m	12d	20-May-16	31-May-16	0%
SHT2121-76	T001 - Drift 1 - Excavation (drill & break) +arch rib & temp support, Cum. Total L = 47m/52m	15d	01-Jun-16	15-Jun-16	0%
SHT2121-86	T001 - Drift 1 - Excavation (drill & break) +arch rib & temp support, Cum. Total L = 52m/52m	14d	16-Jun-16	29-Jun-16	0%
T001 - Drift 2					
SHT2120-140	T001 - Drift 2 - Excavation (drill & break) +arch rib & temp support, Cum. Total L = 3m/60m	14d	04-Feb-16 A	18-Mar-16 A	100%
SHT2121-68	T001 - Drift 2 - Excavation (drill & break) +arch rib & temp support, Cum. Total L = 5m/60m	14d	06-Apr-16	19-Apr-16	0%
SHT2121-70	T001 - Drift 2 - Excavation (drill & break) +arch rib & temp support, Cum. Total L = 10/60m	14d	20-Apr-16	03-May-16	0%
SHT2121-80	T001 - Drift 2 - Excavation (drill & break) +arch rib & temp support, Cum. Total L = 15/60m	14d	04-May-16	17-May-16	0%
SHT2121-90	T001 - Drift 2 - Excavation (drill & break) +arch rib & temp support, Cum. Total L = 20/60m	14d	18-May-16	31-May-16	0%
SHT2121-92	T001 - Drift 2 - Excavation (drill & break) +arch rib & temp support, Cum. Total L = 25/60m	14d	01-Jun-16	17-Jun-16	0%
SHT2121-94	T001 - Drift 2 - Excavation (drill & break) +arch rib & temp support, Cum. Total L = 30/60m	14d	18-Jun-16	01-Jul-16	0%
Mined Tunnel Works - Drive from Shaft 2 (by Drill & Break)					
T002 (from Shaft 2)					
SHT2122-38	T002 - [AR side] Installation of pipe roofing, 43 nos./43 nos.	14d	04-Feb-16 A	27-Mar-16	95%
SHT2122-49	T002 - [AR side] Installation of soil nails(Row A, 13 nos)	6d	28-Mar-16	02-Apr-16	0%
SHT2122-51	T002 - Excavation to -10.50mPD	10d	03-Apr-16	12-Apr-16	0%
SHT2122-110	T002 - [AR side] Soil nail installation(Row B&C, 40nos)	10d	12-Apr-16	21-Apr-16	0%
SHT2122-52	T002 - [AEL side] Soil nail installation(Row B&C, 45nos)	12d	19-Apr-16	30-Apr-16	0%
SHT2122-62	T002 - Excavation to -12.50mPD	10d	28-Apr-16	07-May-16	0%
SHT2122-72	T002 - Soil nail installation(Row D, 45nos), facing AEL & AR	7d	08-May-16	14-May-16	0%
SHT2122-180	T002 - Excavation to -14.50mPD	7d	12-May-16	18-May-16	0%
SHT2122-190	T002 - Soil nail installation(Row E, 61nos), facing AEL & AR	10d	19-May-16	28-May-16	0%
SHT2122-200	T002 - Excavation to -16.0mPD	7d	26-May-16	01-Jun-16	0%
SHT2122-210	T002 - Soil nail installation(Row F, 40nos), facing AEL & AR	7d	02-Jun-16	08-Jun-16	0%
SHT2122-240	T002 - Excavation to FEL -17.67mPD	7d	06-Jun-16	12-Jun-16	0%
SHT2122-82	T002 - Handover platform for excavation(drill & break) works	0d		12-Jun-16	0%
T002 - Drift 2					
SHT2122-50	T002 - Drift 2 - Excavation (drill & break) +arch rib & temp support, @ 2d/m cycle, Cum. Total L = 6/12m	12d	13-Jun-16	24-Jun-16	0%
T001 (from Shaft 2)					
SHT2123-35	T001 - Platform preparation for pipe roofing inst. works (incl. cutting of existing pipe pile) & front nail	7d	12-Mar-16 A	17-Mar-16 A	100%
SHT2123-36	T001 - Mobilization of plants for pipe roofing installation works	3d	17-Mar-16 A	19-Mar-16 A	100%
SHT2123-37	T001 - [AR side]Installation of pipe roofing, 20 nos./61 nos.	14d	19-Mar-16 A	02-Apr-16	0%
SHT2123-38	T001 - [AR side]Installation of pipe roofing, 40 nos./61 nos.	14d	03-Apr-16	16-Apr-16	0%
SHT2123-39	T001 - [AR side]Installation of pipe roofing, 61 nos./61 nos.	14d	17-Apr-16	30-Apr-16	0%
SHT2122-120	T001 - [AEL side] Soil nail installation (Row A 21 nos)	5d	26-Apr-16	30-Apr-16	0%
SHT2122-130	T001 - [AR side] Soil nail installation (Row A 27 nos)	5d	26-Apr-16	30-Apr-16	0%
SHT2122-140	T001 - Excavation to -10.50mPD	7d	28-Apr-16	04-May-16	0%
SHT2122-160	T001 - [AEL side] Soil nail installation(Row B&C, 45nos)	11d	02-May-16	12-May-16	0%
SHT2122-150	T001 - [AR side] Soil nail installation(Row B&C, 40nos)	10d	02-May-16	11-May-16	0%
SHT2122-170	T001 - Excavation to -12.50mPD	7d	10-May-16	16-May-16	0%
SHT2122-220	T001 - [AR side] Soil nail installation(Row D 22nos)	6d	12-May-16	17-May-16	0%
SHT2122-230	T001 - [AEL side] Soil nail installation(Row D 10nos)	4d	12-May-16	15-May-16	0%
SHT2122-250	T001 - Excavation to -14.50mPD	7d	13-May-16	19-May-16	0%
SHT2122-260	T001 - Soil nail installation(Row E, 61nos), facing AEL & AR	10d	15-May-16	24-May-16	0%
SHT2122-270	T001 - Excavation to -16.0mPD	7d	21-May-16	27-May-16	0%
SHT2122-280	T001 - Soil nail installation(Row F, 40nos), facing AEL & AR	7d	23-May-16	29-May-16	0%
SHT2122-290	T001 - Excavation to FEL -19.33 mPD	7d	26-May-16	01-Jun-16	0%
SHT2122-300	T001 - Handover platform for excavation(drill & break) works	0d		01-Jun-16	0%
T001 - Drift 1					
SHT2123-130	T002 - Drift 1 - Excavation (drill & break) +arch rib & temp support, @ 2.5d/m cycle, Cum. Total L = 5/11	14d	02-Jun-16	15-Jun-16	0%
SHT2123-140	T002 - Drift 1 - Excavation (drill & break) +arch rib & temp support, @ 2.5d/m cycle, Cum. Total L = 11/11	15d	16-Jun-16	30-Jun-16	0%
Mined Tunnel Underneath AEL Ch 14+128 to Ch 14+175					
Civil & Structural Works					
SHT MT - ELS Works for AEL West Shaft (Shaft 2)					
ELS/Pipe Roofing for Box Jacking works under AEL					
SHT1770-05	SHT MT AEL Shaft 2 -T001 canopy pipe roofing installation for Box jacking , 24/24 nos	8d	06-Feb-16 A	21-Mar-16	75%
SHT1823-26	SHT MT AEL Shaft 2 - Handover works area for Canopy pipe and soil nail works	0d	12-Mar-16 A		100%
SHT MT - ELS WORKS for AEL East Shaft (Shaft 3+Shaft 3A[North Shaft & South Shaft])					
North Shaft (including part of East Shaft)					
A12210-1	SHT AEL North Shaft - Rock excavation to -17.4mPD, Stage 1	15d	25-Jul-15 A	25-Feb-16 A	100%
A12210-2	SHT AEL North Shaft - Rock excavation to -20.3mPD, Stage 2	15d	14-Aug-15 A	02-Apr-16	74%
Casting Jacking Slab @ T001 (Bay 1)					
A12210-4	SHT AEL North Shaft - Casting of jacking slab, 1st bay	7d	08-Mar-16 A	14-Mar-16 A	100%
Casting Jacking Slab @ T001 (Bay 2)					
A12210-6	SHT AEL North Shaft - Casting of jacking slab, 2nd bay	7d	22-Feb-16 A	27-Feb-16 A	100%
A12210-7	SHT AEL North Shaft - Casting of jacking slab (Remaining), 2nd bay	7d	19-Mar-16	25-Mar-16	0%
Casting Jacking Slab @ T001 (Bay 3)					
A12210-8	SHT AEL North Shaft - Excavation and Break trench (JF3), 3rd bay	7d	29-Feb-16 A	19-Mar-16 A	100%
A12210-9	SHT AEL North Shaft - Casting of jacking slab, 3rd bay	7d	29-Mar-16	04-Apr-16	0%
Casting Jacking Slab @ T001 (Bay 4)					
A12210-10	SHT AEL North Shaft - Excavation and Break trench (JF1 + JF2), 4th bay	7d	02-Apr-16	08-Apr-16	0%
A12210-11	SHT AEL North Shaft - Casting of jacking slab, 4th bay	7d	09-Apr-16	15-Apr-16	0%



FILE: 3M47 (Rev.00)

Sheet 4 of 12

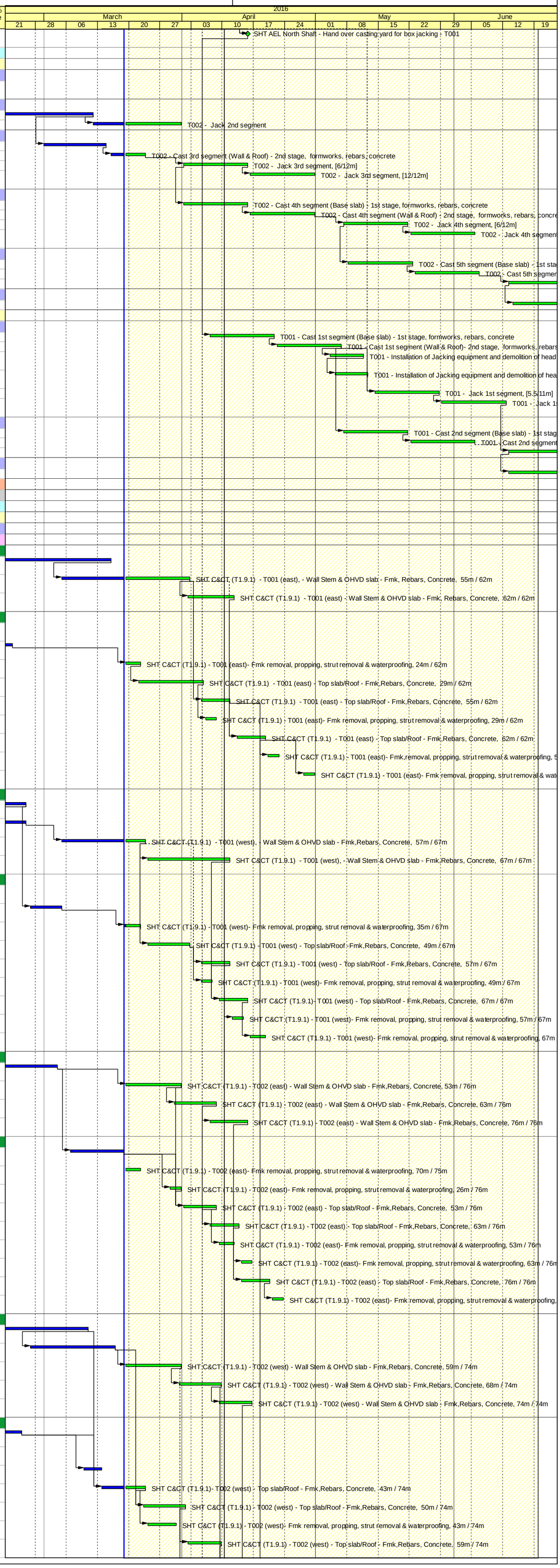
3-Months Rolling Programme (ER Part 5 & SCC 27(9))

(April 2016 to June 2016)

Layout ZMB - Layout 1 (3M Rolling Prog)(3M47)

TASK filters: 3M47, HZMB No Level Effort.

Activity ID	Activity Name	Dur. (days)	Start	Finish	Activity % Complete
A12210-12	SHT AEL North Shaft - Hand over casting yard for box jacking - T001	0d		15-Apr-16	0%
SHT Works under AEL(BOX JACKING) - By Double Jack - 7days 24 hrs					
Box Casting/Jacking - T002 (24 hours working period)					
T002 - 1st Segment					
BXJ-15406	T002 - Jack 1st segment, [10/10m]	15d	21-Jan-16 A	15-Feb-16 A	100%
T002 - 2nd Segment					
BXJ-15400	Reposition and pulling the 2nd segment	10d	16-Feb-16 A	12-Mar-16 A	100%
BXJ-15390	T002 - Jack 2nd segment	12d	12-Mar-16 A	31-Mar-16	30%
T002 - 3rd Segment					
BXJ-15421	T002 - Cast 3rd segment (Base slab) - 1st stage, formworks, rebars, concrete	7d	01-Mar-16 A	15-Mar-16 A	100%
BXJ-15431	T002 - Cast 3rd segment (Wall & Roof) - 2nd stage, formworks, rebars, concrete	9d	16-Mar-16 A	23-Mar-16	0%
BXJ-15451	T002 - Jack 3rd segment, [6/12m]	15d	01-Apr-16	15-Apr-16	0%
BXJ-15461	T002 - Jack 3rd segment, [12/12m]	15d	16-Apr-16	30-Apr-16	0%
T002 - 4th Segment					
BXJ-15471	T002 - Cast 4th segment (Base slab) - 1st stage, formworks, rebars, concrete	15d	01-Apr-16	15-Apr-16	0%
BXJ-15481	T002 - Cast 4th segment (Wall & Roof) - 2nd stage, formworks, rebars, concrete	15d	16-Apr-16	30-Apr-16	0%
BXJ-15501	T002 - Jack 4th segment, [6/12m]	15d	07-May-16	21-May-16	0%
BXJ-15511	T002 - Jack 4th segment, [12/12m]	15d	22-May-16	05-Jun-16	0%
T002 - 5th Segment					
BXJ-15521	T002 - Cast 5th segment (Base slab) - 1st stage, formworks, rebars, concrete	15d	08-May-16	22-May-16	0%
BXJ-15531	T002 - Cast 5th segment (Wall & Roof) - 2nd stage, formworks, rebars, concrete	15d	23-May-16	06-Jun-16	0%
BXJ-15541	T002 - Jack 5th segment, [6/12m]	15d	13-Jun-16	27-Jun-16	0%
T002 - 6th Segment					
BXJ-15561	T002 - Cast 6th segment (Base slab) - 1st stage, formworks, rebars, concrete	15d	14-Jun-16	28-Jun-16	0%
Box Casting/Jacking - T001 (24 hours working period)					
T001 - 1st Segment					
BXJ-1020	T001 - Cast 1st segment (Base slab) - 1st stage, formworks, rebars, concrete	15d	07-Apr-16	21-Apr-16	0%
BXJ-1035	T001 - Cast 1st segment (Wall & Roof)- 2nd stage, formworks, rebars, concrete	15d	22-Apr-16	06-May-16	0%
BXJ-1055	T001 - Installation of Jacking equipment and demolition of head wall for 1st Box 1A, 1st Stage	8d	04-May-16	11-May-16	0%
BXJ-1056	T001 - Installation of Jacking equipment and demolition of head wall for 1st Box 1A, 2nd Stage	8d	05-May-16	12-May-16	0%
BXJ-1066	T001 - Jack 1st segment, [5.5/11m]	15d	14-May-16	28-May-16	0%
BXJ-1076	T001 - Jack 1st segment, [11/11m]	15d	29-May-16	12-Jun-16	0%
T001 - 2nd Segment					
BXJ-1040	T001 - Cast 2nd segment (Base slab) - 1st stage, formworks, rebars, concrete	15d	07-May-16	21-May-16	0%
BXJ-1051	T001 - Cast 2nd segment (Wall & Roof)- 2nd stage, formworks, rebars, concrete	15d	22-May-16	05-Jun-16	0%
BXJ-1086	T001 - Jack 2nd segment, [7.5/15m]	15d	13-Jun-16	27-Jun-16	0%
T001 - 3rd Segment					
BXJ-15601	T001 - Cast 3rd segment (Base slab) - 1st stage, formworks, rebars, concrete	15d	13-Jun-16	27-Jun-16	0%
CCT Works over Reclaimed Area at Ch 14+212 to Ch 15+050 (828m)					
CCT Works - on New Reclamation [490m Approx.]					
CCT Works in Remaining Section [325m Approx.][Ch 14+375 to Ch 14+700]					
Civil & Structurals Works					
ELS - Tunnel SHT- C&CT (T1.9.1 + Ext. Ch14+315 to Ch14+452/(Ch14+322 to Ch14+474)					
CCT RC Works(T1.9.1+Extension)					
T001(1.9.1) - Wall Stem + OHVD (East Side)					
SHT1867-200	SHT C&CT (T1.9.1) - T001 (east) - Wall Stem & OHVD slab - Fmk, Rebars, Concrete, 29m / 62m	8d	06-Feb-16 A	16-Mar-16 A	100%
SHT1867-235	SHT C&CT (T1.9.1) - T001 (east), - Wall Stem & OHVD slab - Fmk, Rebars, Concrete, 55m / 62m	14d	05-Mar-16 A	02-Apr-16	50%
SHT1867-285	SHT C&CT (T1.9.1) - T001 (east) - Wall Stem & OHVD slab - Fmk, Rebars, Concrete, 62m / 62m	8d	02-Apr-16	12-Apr-16	0%
T001(1.9.1) - Top Slab/Roof (East Side)					
SHT1867-210	SHT C&CT (T1.9.1) - T001 (east)- Fmk removal, propping, strut removal & waterproofing, 19m / 62m	3d	01-Feb-16 A	12-Feb-16 A	100%
SHT1867-65	SHT C&CT (T1.9.1) - T001 (east) - Top slab/Roof - Fmk ,Rebars, Concrete, 24m / 62m	6d	16-Feb-16 A	23-Feb-16 A	100%
SHT1867-245	SHT C&CT (T1.9.1) - T001 (east)- Fmk removal, propping, strut removal & waterproofing, 24m / 62m	3d	19-Mar-16 A	22-Mar-16	0%
SHT1867-95	SHT C&CT (T1.9.1) - T001 (east) - Top slab/Roof - Fmk,Rebars, Concrete, 29m / 62m	9d	22-Mar-16	05-Apr-16	0%
SHT1867-100	SHT C&CT (T1.9.1) - T001 (east) - Top slab/Roof - Fmk,Rebars, Concrete, 55m / 62m	6d	05-Apr-16	11-Apr-16	0%
SHT1867-255	SHT C&CT (T1.9.1) - T001 (east)- Fmk removal, propping, strut removal & waterproofing, 29m / 62m	3d	06-Apr-16	08-Apr-16	0%
SHT1867-130	SHT C&CT (T1.9.1) - T001 (east) - Top slab/Roof - Fmk,Rebars, Concrete, 62m / 62m	6d	13-Apr-16	19-Apr-16	0%
SHT1867-265	SHT C&CT (T1.9.1) - T001 (east)- Fmk,removal, propping, strut removal & waterproofing, 55m / 62m	3d	20-Apr-16	22-Apr-16	0%
SHT1867-275	SHT C&CT (T1.9.1) - T001 (east)- Fmk removal, propping, strut removal & waterproofing, 62m / 62m	3d	28-Apr-16	30-Apr-16	0%
T001(1.9.1) - Wall Stem + OHVD (West Side)					
SHT1867-345	SHT C&CT (T1.9.1) - T001 (west), - Wall Stem & OHVD slab - Fmk,Rebars, Concrete, 35m / 67m	8d	16-Jan-16 A	26-Feb-16 A	100%
SHT1867-355	SHT C&CT (T1.9.1) - T001 (west), - Wall Stem & OHVD slab - Fmk,Rebars, Concrete, 49m / 67m	8d	16-Jan-16 A	26-Feb-16 A	100%
SHT1867-365	SHT C&CT (T1.9.1) - T001 (west), - Wall Stem & OHVD slab - Fmk,Rebars, Concrete, 57m / 67m	8d	05-Mar-16 A	23-Mar-16	50%
SHT1867-375	SHT C&CT (T1.9.1) - T001 (west), - Wall Stem & OHVD slab - Fmk,Rebars, Concrete, 67m / 67m	12d	24-Mar-16	11-Apr-16	0%
T001(1.9.1) - Top Slab/Roof (West Side)					
SHT1867-370	SHT C&CT (T1.9.1) - T001 (west)- Fmk removal, propping, strut removal & waterproofing, 27m / 67m	3d	15-Feb-16 A	18-Feb-16 A	100%
SHT1867-280	SHT C&CT (T1.9.1)- T001 (west) - Top slab/Roof -Fmk,Rebars, Concrete, 35m / 67m	6d	27-Feb-16 A	05-Mar-16 A	100%
SHT1867-380	SHT C&CT (T1.9.1) - T001 (west)- Fmk removal, propping, strut removal & waterproofing, 35m / 67m	3d	19-Mar-16 A	22-Mar-16	0%
SHT1867-290	SHT C&CT (T1.9.1) - T001 (west) - Top slab/Roof -Fmk,Rebars, Concrete, 49m / 67m	6d	24-Mar-16	02-Apr-16	0%
SHT1867-300	SHT C&CT (T1.9.1) - T001 (west) - Top slab/Roof - Fmk,Rebars, Concrete, 57m / 67m	6d	05-Apr-16	11-Apr-16	0%
SHT1867-390	SHT C&CT (T1.9.1) - T001 (west)- Fmk removal, propping, strut removal & waterproofing, 49m / 67m	3d	05-Apr-16	07-Apr-16	0%
SHT1867-310	SHT C&CT (T1.9.1)- T001 (west) - Top slab/Roof - Fmk,Rebars, Concrete, 67m / 67m	6d	09-Apr-16	15-Apr-16	0%
SHT1867-400	SHT C&CT (T1.9.1) - T001 (west)- Fmk removal, propping, strut removal & waterproofing, 57m / 67m	3d	12-Apr-16	14-Apr-16	0%
SHT1867-410	SHT C&CT (T1.9.1) - T001 (west)- Fmk removal, propping, strut removal & waterproofing, 67m / 67m	3d	16-Apr-16	19-Apr-16	0%
T002(1.9.1) - Wall Stem + OHVD (East Side)					
SHT1868-55	SHT C&CT (T1.9.1)- T002 (east) - Wall Stem & OHVD slab - Fmk,Rebars, Concrete, 26m / 76m	8d	01-Feb-16 A	04-Mar-16 A	100%
SHT1868-90	SHT C&CT (T1.9.1) - T002 (east) - Wall Stem & OHVD slab - Fmk,Rebars, Concrete, 53m / 76m	8d	19-Mar-16	31-Mar-16	0%
SHT1868-125	SHT C&CT (T1.9.1) - T002 (east) - Wall Stem & OHVD slab - Fmk,Rebars, Concrete, 63m / 76m	8d	30-Mar-16	08-Apr-16	0%
SHT1868-160	SHT C&CT (T1.9.1) - T002 (east) - Wall Stem & OHVD slab - Fmk,Rebars, Concrete, 76m / 76m	8d	07-Apr-16	15-Apr-16	0%
T002(1.9.1) - Top Slab/Roof (East Side)					
SHT1868-100	SHT C&CT (T1.9.1) - T002 (east) - Top slab/Roof - Fmk,Rebars, Concrete, 26m / 76m	6d	07-Mar-16 A	19-Mar-16 A	100%
SHT1868-360	SHT C&CT (T1.9.1) - T002 (east)- Fmk removal, propping, strut removal & waterproofing, 70m / 75m	3d	19-Mar-16	22-Mar-16	0%
SHT1868-300	SHT C&CT (T1.9.1) - T002 (east)- Fmk removal, propping, strut removal & waterproofing, 26m / 76m	3d	29-Mar-16	31-Mar-16	0%
SHT1868-130	SHT C&CT (T1.9.1) - T002 (east) - Top slab/Roof - Fmk,Rebars, Concrete, 53m / 76m	6d	01-Apr-16	08-Apr-16	0%
SHT1868-135	SHT C&CT (T1.9.1) - T002 (east) - Top slab/Roof - Fmk,Rebars, Concrete, 63m / 76m	6d	07-Apr-16	13-Apr-16	0%
SHT1868-310	SHT C&CT (T1.9.1) - T002 (east)- Fmk removal, propping, strut removal & waterproofing, 53m / 76m	3d	09-Apr-16	12-Apr-16	0%
SHT1868-320	SHT C&CT (T1.9.1) - T002 (east)- Fmk removal, propping, strut removal & waterproofing, 63m / 76m	3d	14-Apr-16	16-Apr-16	0%
SHT1868-165	SHT C&CT (T1.9.1) - T002 (east) - Top slab/Roof - Fmk,Rebars, Concrete, 76m / 76m	6d	14-Apr-16	20-Apr-16	0%
SHT1868-330	SHT C&CT (T1.9.1) - T002 (east)- Fmk removal, propping, strut removal & waterproofing, 76m / 76m	3d	21-Apr-16	23-Apr-16	0%
T002(1.9.1) - Wall Stem + OHVD (West Side)					
SHT1868-430	SHT C&CT (T1.9.1)- T002 (west) - Wall Stem & OHVD slab - Fmk,Rebars, Concrete, 43m / 74m	8d	18-Feb-16 A	11-Mar-16 A	100%
SHT1868-440	SHT C&CT (T1.9.1) - T002 (west) - Wall Stem & OHVD slab - Fmk,Rebars, Concrete, 50m / 74m	8d	27-Feb-16 A	17-Mar-16 A	100%
SHT1868-450	SHT C&CT (T1.9.1) - T002 (west) - Wall Stem & OHVD slab - Fmk,Rebars, Concrete, 59m / 74m	8d	19-Mar-16	31-Mar-16	0%
SHT1868-460	SHT C&CT (T1.9.1) - T002 (west) - Wall Stem & OHVD slab - Fmk,Rebars, Concrete, 68m / 74m	8d	31-Mar-16	09-Apr-16	0%
SHT1868-470	SHT C&CT (T1.9.1) - T002 (west) - Wall Stem & OHVD slab - Fmk,Rebars, Concrete, 74m / 74m	7d	09-Apr-16	16-Apr-16	0%
T002(1.9.1) - Top Slab/Roof (West Side)					
SHT1868-315	SHT C&CT (T1.9.1) - T002 (west) - Top slab/Roof - Fmk,Rebars, Concrete, 34m / 74m	6d	03-Feb-16 A	25-Feb-16 A	100%
SHT1868-425	SHT C&CT (T1.9.1) - T002 (west)- Fmk removal, propping, strut removal & waterproofing, 26m / 74m	3d	18-Feb-16 A	20-Feb-16 A	100%
SHT1868-435	SHT C&CT (T1.9.1) - T002 (west)- Fmk removal, propping, strut removal & waterproofing, 34m / 74m	3d	10-Mar-16 A	14-Mar-16 A	100%
SHT1868-325	SHT C&CT (T1.9.1)- T002 (west) - Top slab/Roof - Fmk,Rebars, Concrete, 43m / 74m	6d	14-Mar-16 A	23-Mar-16	33%
SHT1868-335	SHT C&CT (T1.9.1) - T002 (west) - Top slab/Roof - Fmk,Rebars, Concrete, 50m / 74m	6d	23-Mar-16	01-Apr-16	0%
SHT1868-445	SHT C&CT (T1.9.1) - T002 (west)- Fmk removal, propping, strut removal & waterproofing, 43m / 74m	3d	24-Mar-16	30-Mar-16	0%
SHT1868-345	SHT C&CT (T1.9.1) - T002 (west) - Top slab/Roof - Fmk,Rebars, Concrete, 59m / 74m	6d	02-Apr-16	09-Apr-16	0%



FILE: 3M47 (Rev.00)

Sheet 5 of 12

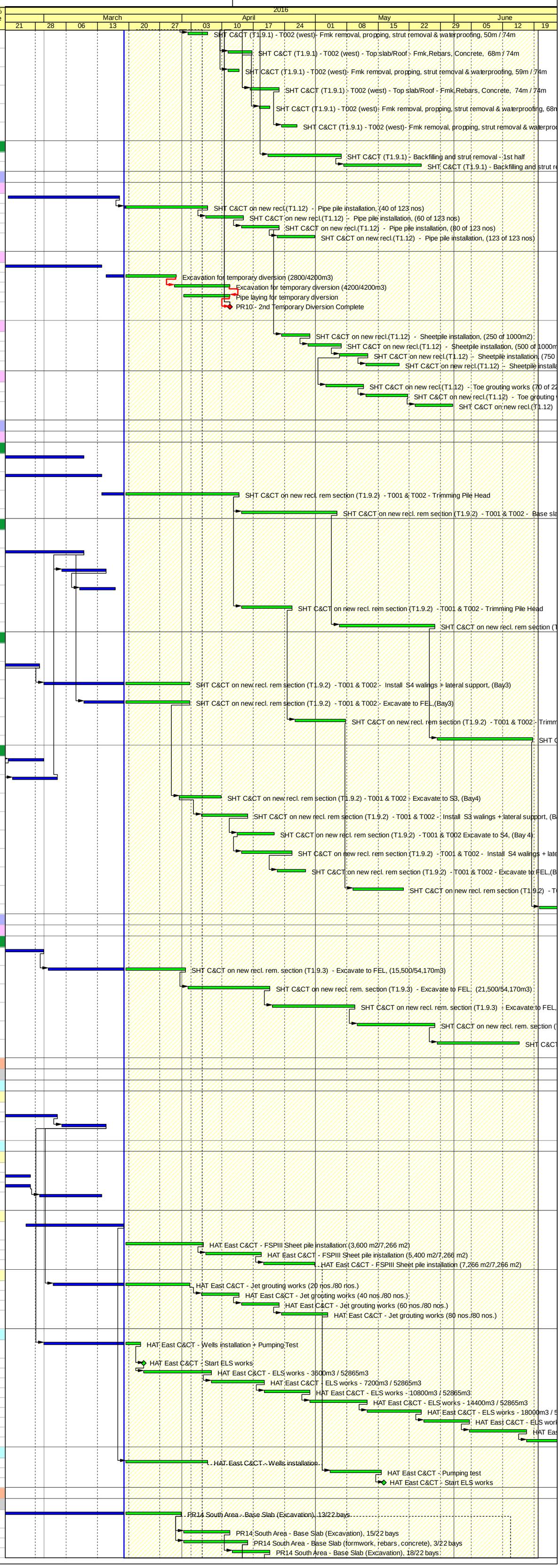
3-Months Rolling Programme (ER Part 5 & SCC 27(9))

(April 2016 to June 2016)

Layout ZMB - Layout 1 (3M Rolling Prog)(3M47)

TASK filters: 3M47, HZMB No Level Effort.

Activity ID	Activity Name	Dur. (days)	Start	Finish	Activity % Complete
SHT1868-455	SHT C&CT (T1.9.1) - T002 (west)- Fmk removal, propping, strut removal & waterproofing, 50m / 74m	3d	02-Apr-16	06-Apr-16	0%
SHT1868-355	SHT C&CT (T1.9.1) - T002 (west) - Top slab/Roof - Fmk,Rebars, Concrete, 68m / 74m	6d	11-Apr-16	16-Apr-16	0%
SHT1868-465	SHT C&CT (T1.9.1) - T002 (west)- Fmk removal, propping, strut removal & waterproofing, 59m / 74m	3d	11-Apr-16	13-Apr-16	0%
SHT1868-365	SHT C&CT (T1.9.1) - T002 (west) - Top slab/Roof - Fmk,Rebars, Concrete, 74m / 74m	6d	16-Apr-16	22-Apr-16	0%
SHT1868-475	SHT C&CT (T1.9.1) - T002 (west)- Fmk removal, propping, strut removal & waterproofing, 68m / 74m	3d	18-Apr-16	20-Apr-16	0%
SHT1868-485	SHT C&CT (T1.9.1) - T002 (west)- Fmk removal, propping, strut removal & waterproofing, 74m / 74m	3d	23-Apr-16	26-Apr-16	0%
T001 + T002 (1.9.1) - Backfilling					
SHT1868-495	SHT C&CT (T1.9.1) - Backfilling and strut removal - 1st half	14d	20-Apr-16	06-May-16	0%
SHT1868-505	SHT C&CT (T1.9.1) - Backfilling and strut removal - 2nd half	14d	07-May-16	24-May-16	0%
ELS - Tunnel SHT- C&CT (T1.12 Ch 14+264 to Ch 14+315)/(Ch 14+257 to Ch 14+322)					
Pipe Pile Works					
SHT1850-01	SHT C&CT on new recl.(T1.12) - Pipe pile installation, (20 of 123 nos)	8d	22-Feb-16 A	18-Mar-16 A	100%
SHT1850-02	SHT C&CT on new recl.(T1.12) - Pipe pile installation, (40 of 123 nos)	8d	19-Mar-16 A	06-Apr-16	0%
SHT1850-03	SHT C&CT on new recl.(T1.12) - Pipe pile installation, (60 of 123 nos)	8d	06-Apr-16	14-Apr-16	0%
SHT1850-04	SHT C&CT on new recl.(T1.12) - Pipe pile installation, (80 of 123 nos)	8d	14-Apr-16	22-Apr-16	0%
SHT1850-15	SHT C&CT on new recl.(T1.12) - Pipe pile installation, (123 of 123 nos)	8d	22-Apr-16	30-Apr-16	0%
PR10 2nd Diversion					
SHT1926-01	Excavation for temporary diversion (1400/4200m3)	13d	06-Jan-16 A	14-Mar-16 A	100%
SHT1926-02	Excavation for temporary diversion (2800/4200m3)	10d	15-Mar-16 A	30-Mar-16	55%
SHT1926-03	Excavation for temporary diversion (4200/4200m3)	10d	30-Mar-16	11-Apr-16	0%
SHT1926-04	Pipe laying for temporary diversion	8d	01-Apr-16	11-Apr-16	0%
SHT1926-06	PR10 - 2nd Temporary Diversion Complete	0d		11-Apr-16*	0%
Sheetpile Works					
SHT1850-35	SHT C&CT on new recl.(T1.12) - Sheetpile installation, (250 of 1000m2)	6d	23-Apr-16	29-Apr-16	0%
SHT1850-45	SHT C&CT on new recl.(T1.12) - Sheetpile installation, (500 of 1000m2)	6d	29-Apr-16	06-May-16	0%
SHT1850-55	SHT C&CT on new recl.(T1.12) - Sheetpile installation, (750 of 1000m2)	6d	06-May-16	12-May-16	0%
SHT1850-65	SHT C&CT on new recl.(T1.12) - Sheetpile installation, (1000 of 1000m2)	6d	12-May-16	19-May-16	0%
Toe Grouting Works					
SHT1925-03	SHT C&CT on new recl.(T1.12) - Toe grouting works (70 of 228 nos)	8d	03-May-16	11-May-16	0%
SHT1925-04	SHT C&CT on new recl.(T1.12) - Toe grouting works (140 of 228 nos)	8d	12-May-16	21-May-16	0%
SHT1925-05	SHT C&CT on new recl.(T1.12) - Toe grouting works (228 of 228 nos)	8d	23-May-16	31-May-16	0%
ELS - Tunnel SHT- C&CT (T1.9.2 Ch 14+452 to Ch 14+597)/(Ch 14+474 to Ch 14+612)					
Excavation & Lateral Support (T1.9.2)					
Bay 1					
SHT1916-15	SHT C&CT on new recl. rem section (T1.9.2) - T001 & T002 - Install S4 walings + lateral support, (Bay1)	10d	16-Jan-16 A	10-Mar-16 A	100%
SHT1916-25	SHT C&CT on new recl. rem section (T1.9.2) - T001 & T002 - Excavate to FEL, (Bay1)	8d	02-Feb-16 A	14-Mar-16 A	100%
SHT1916-165	SHT C&CT on new recl. rem section (T1.9.2) - T001 & T002 - Trimming Pile Head	10d	14-Mar-16 A	13-Apr-16	0%
SHT1916-205	SHT C&CT on new recl. rem section (T1.9.2) - T001 & T002 - Base slab	18d	14-Apr-16	05-May-16	0%
Bay 2					
SHT1916-75	SHT C&CT on new recl. rem section (T1.9.2) - T001 & T002 - Install S3 walings + lateral support, (Bay 2)	10d	29-Jan-16 A	19-Feb-16 A	100%
SHT1916-85	SHT C&CT on new recl. rem section (T1.9.2) - T001 & T002 Excavate to S4, (Bay 2)	8d	20-Feb-16 A	10-Mar-16 A	100%
SHT1916-95	SHT C&CT on new recl. rem section (T1.9.2) - T001 & T002 - Install S4 walings + lateral support, (Bay2)	10d	05-Mar-16 A	15-Mar-16 A	100%
SHT1916-105	SHT C&CT on new recl. rem section (T1.9.2) - T001 & T002 - Excavate to FEL,(Bay2)	8d	09-Mar-16 A	17-Mar-16 A	100%
SHT1916-175	SHT C&CT on new recl. rem section (T1.9.2) - T001 & T002 - Trimming Pile Head	10d	14-Apr-16	25-Apr-16	0%
SHT1916-215	SHT C&CT on new recl. rem section (T1.9.2) - T001 & T002 - Base slab	18d	06-May-16	27-May-16	0%
Bay 3					
SHT1916-24	SHT C&CT on new recl. rem section (T1.9.2) - T001 & T002 - Install S3 walings + lateral support, (Bay 3)	10d	01-Feb-16 A	15-Feb-16 A	100%
SHT1916-33	SHT C&CT on new recl. rem section (T1.9.2) - T001 & T002 Excavate to S4, (Bay 3)	8d	16-Feb-16 A	29-Feb-16 A	100%
SHT1916-34	SHT C&CT on new recl. rem section (T1.9.2) - T001 & T002 - Install S4 walings + lateral support, (Bay3)	10d	01-Mar-16 A	02-Apr-16	30%
SHT1916-35	SHT C&CT on new recl. rem section (T1.9.2) - T001 & T002 - Excavate to FEL,(Bay3)	10d	10-Mar-16 A	02-Apr-16	30%
SHT1916-185	SHT C&CT on new recl. rem section (T1.9.2) - T001 & T002 - Trimming Pile Head	10d	26-Apr-16	07-May-16	0%
SHT1916-225	SHT C&CT on new recl. rem section (T1.9.2) - T001 & T002 - Base slab	18d	28-May-16	18-Jun-16	0%
Bay 4					
SHT1916-45	SHT C&CT on new recl. rem section (T1.9.2) - T001 & T002 - Excavate to S2, remaining (Bay4)	8d	22-Feb-16 A	01-Mar-16 A	100%
SHT1916-14	SHT C&CT on new recl. rem section (T1.9.2) - T001 & T002 - Install S2 walings + lateral support, (Bay 4)	10d	23-Feb-16 A	04-Mar-16 A	100%
SHT1916-115	SHT C&CT on new recl. rem section (T1.9.2) - T001 & T002 - Excavate to S3, (Bay4)	8d	31-Mar-16	09-Apr-16	0%
SHT1916-125	SHT C&CT on new recl. rem section (T1.9.2) - T001 & T002 - Install S3 walings + lateral support, (Bay 4)	10d	05-Apr-16	15-Apr-16	0%
SHT1916-135	SHT C&CT on new recl. rem section (T1.9.2) - T001 & T002 Excavate to S4, (Bay 4)	8d	13-Apr-16	21-Apr-16	0%
SHT1916-145	SHT C&CT on new recl. rem section (T1.9.2) - T001 & T002 - Install S4 walings + lateral support, (Bay4)	10d	14-Apr-16	25-Apr-16	0%
SHT1916-155	SHT C&CT on new recl. rem section (T1.9.2) - T001 & T002 - Excavate to FEL,(Bay4)	6d	22-Apr-16	28-Apr-16	0%
SHT1916-195	SHT C&CT on new recl. rem section (T1.9.2) - T001 & T002 - Trimming Pile Head	10d	09-May-16	20-May-16	0%
SHT1916-235	SHT C&CT on new recl. rem section (T1.9.2) - T001 & T002 - Base slab	18d	20-Jun-16	11-Jul-16	0%
ELS - Tunnel SHT- C&CT (T1.9.3 Ch 14+597to Ch 14+727)/(Ch 14+612 to Ch+14+739)					
Excavation Works					
Excavation (T1.9.3)					
SHT1923-1	SHT C&CT on new recl. rem. section (T1.9.3) - Excavate to FEL, (9,500/54,170m3)	15d	02-Jan-16 A	01-Mar-16 A	100%
SHT1923-2	SHT C&CT on new recl. rem. section (T1.9.3) - Excavate to FEL, (15,500/54,170m3)	15d	02-Mar-16 A	01-Apr-16	71%
SHT1923-12	SHT C&CT on new recl. rem. section (T1.9.3) - Excavate to FEL, (21,500/54,170m3)	15d	02-Apr-16	20-Apr-16	0%
SHT1923-22	SHT C&CT on new recl. rem. section (T1.9.3) - Excavate to FEL, (27,500/54,170m3)	15d	21-Apr-16	09-May-16	0%
SHT1923-32	SHT C&CT on new recl. rem. section (T1.9.3) - Excavate to FEL, (33,500/54,170m3)	15d	10-May-16	27-May-16	0%
SHT1923-42	SHT C&CT on new recl. rem. section (T1.9.3) - Excavate to FEL, (39,500/54,170m3)	15d	28-May-16	15-Jun-16	0%
CCT Works for HAT East w/ Emergency Pedestrian Passage					
HAT Plant Building and Cut & Cover Tunnel, East Area [303m Approx.]					
Foundation & Cofferdam (Ch 0+768 to Ch 0+940)					
Toe Grouting Works					
HAT1040-38	HAT East C&CT - Jet grouting works (130 nos./275 nos.)	12d	21-Jan-16 A	13-Feb-16 A	100%
HAT1040-48	HAT East C&CT - Jet grouting works (210 nos./275 nos.)	12d	15-Feb-16 A	04-Mar-16 A	100%
HAT1040-68	HAT East C&CT - Jet grouting works (275 nos./275 nos.)	12d	05-Mar-16 A	15-Mar-16 A	100%
Foundation & Cofferdam (Ch 0+940 to Ch 1+140)					
Pre-Bored Socketed H-Pile					
HAT1030-101	HAT East C&CT - [Drilling] Piling works [pre-bored socketed H-pile] - 60 of 90 nos.	7d	20-Jan-16 A	15-Feb-16 A	100%
HAT1031-89	HAT East C&CT - [Grouting] Piling works [pre-bored socketed H-pile] - 60 of 90 nos.	7d	16-Feb-16 A	27-Feb-16 A	100%
HAT1030-111	HAT East C&CT - [Drilling] Piling works [pre-bored socketed H-pile] - 80 of 90 nos.	7d	16-Feb-16 A	27-Feb-16 A	100%
HAT1030-121	HAT East C&CT - [Drilling] Piling works [pre-bored socketed H-pile] - 90 of 90 nos.	5d	29-Feb-16 A	14-Mar-16 A	100%
Sheet Piling Works					
HAT1040-198	HAT East C&CT - FSPIII Sheet pile installation (1,800 m2/7,266 m2)	11d	26-Feb-16 A	19-Mar-16 A	100%
HAT1040-168	HAT East C&CT - FSPIII Sheet pile installation (3,600 m2/7,266 m2)	11d	19-Mar-16	05-Apr-16	0%
HAT1040-208	HAT East C&CT - FSPIII Sheet pile installation (5,400 m2/7,266 m2)	11d	06-Apr-16	18-Apr-16	0%
HAT1040-158	HAT East C&CT - FSPIII Sheet pile installation (7,266 m2/7,266 m2)	11d	19-Apr-16	30-Apr-16	0%
Toe Grouting Works					
HAT1040-88	HAT East C&CT - Jet grouting works (20 nos./80 nos.)	8d	03-Mar-16 A	02-Apr-16	62%
HAT1040-348	HAT East C&CT - Jet grouting works (40 nos./80 nos.)	8d	05-Apr-16	13-Apr-16	0%
HAT1040-358	HAT East C&CT - Jet grouting works (60 nos./80 nos.)	8d	14-Apr-16	22-Apr-16	0%
HAT1040-98	HAT East C&CT - Jet grouting works (80 nos./80 nos.)	8d	23-Apr-16	03-May-16	0%
ELS (Ch 0+768 to Ch 0+940)					
HAT1040-78	HAT East C&CT - Wells installation + Pumping Test	12d	01-Mar-16 A	22-Mar-16	90%
HAT3210	HAT East C&CT - Start ELS works	0d	23-Mar-16		0%
HAT3320-1	HAT East C&CT - ELS works - 3600m3 / 52865m3	12d	23-Mar-16	07-Apr-16	0%
HAT3320-11	HAT East C&CT - ELS works - 7200m3 / 52865m3	12d	07-Apr-16	19-Apr-16	0%
HAT3320-21	HAT East C&CT - ELS works - 10800m3 / 52865m3	12d	19-Apr-16	29-Apr-16	0%
HAT3320-31	HAT East C&CT - ELS works - 14400m3 / 52865m3	12d	29-Apr-16	12-May-16	0%
HAT3320-41	HAT East C&CT - ELS works - 18000m3 / 52865m3	12d	12-May-16	24-May-16	0%
HAT3320-51	HAT East C&CT - ELS works - 21600m3 / 52865m3	12d	25-May-16	04-Jun-16	0%
HAT3320-61	HAT East C&CT - ELS works - 25200m3 / 52865m3	12d	04-Jun-16	17-Jun-16	0%
HAT3320-71	HAT East C&CT - ELS works - 28800m3 / 52865m3	12d	17-Jun-16	28-Jun-16	0%
ELS (Ch 0+940 to Ch 1+140)					
HAT1040-318	HAT East C&CT - Wells installation	12d	19-Mar-16	06-Apr-16	0%
HAT1040-338	HAT East C&CT - Pumping test	12d	04-May-16	15-May-16	0%
HAT3330	HAT East C&CT - Start ELS works	0d		16-May-16	0%
Box Culvert Extension to outfall PR14 (457m Approx.)					
Box Culvert Extension to outfall PR14 (South Area, Bay S1 to S22)					
BC1110-61	PR14 South Area - Base Slab (Excavation), 13/22 bays	10d	08-Dec-15 A	31-Mar-16	26%
BC1110-91	PR14 South Area - Base Slab (Excavation), 15/22 bays	10d	01-Apr-16	11-Apr-16	0%
BC1110-1	PR14 South Area - Base Slab (formwork, rebars, concrete), 3/22 bays	12d	01-Apr-16	15-Apr-16	0%
BC1110-151	PR14 South Area - Base Slab (Excavation), 18/22 bays	10d	12-Apr-16	20-Apr-16	0%



FILE: 3M47 (Rev.00)

Sheet 6 of 12

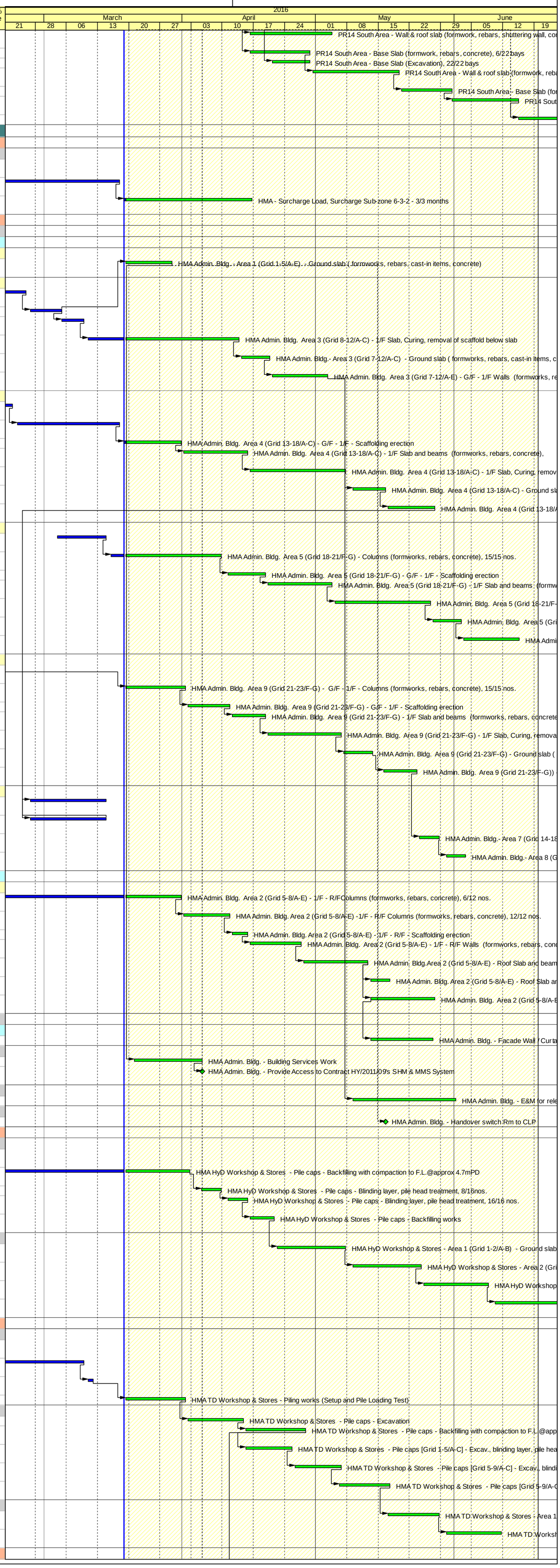
3-Months Rolling Programme (ER Part 5 & SCC 27(9))

(April 2016 to June 2016)

Layout ZMB - Layout 1 (3M Rolling Prog)(3M47)

TASK filters: 3M47, HZMB No Level Effort.

Activity ID	Activity Name	Dur. (days)	Start	Finish	Activity % Complete
BC1110-2	PR14 South Area - Wall & roof slab (formwork, rebars, shuttering wall, concrete), 3/22 bays	15d	16-Apr-16	04-May-16	0%
BC1110-4	PR14 South Area - Base Slab (formwork, rebars, concrete), 6/22 bays	12d	16-Apr-16	29-Apr-16	0%
BC1110-161	PR14 South Area - Base Slab (Excavation), 22/22 bays	10d	21-Apr-16	29-Apr-16	0%
BC1110-5	PR14 South Area - Wall & roof slab (formwork, rebars, shuttering wall, concrete), 6/22 bays	15d	30-Apr-16	19-May-16	0%
BC1110-31	PR14 South Area - Base Slab (formwork, rebars, concrete), 9/22 bays	12d	20-May-16	31-May-16	0%
BC1110-41	PR14 South Area - Wall & roof slab (formwork, rebars, shuttering wall, concrete), 9/22 bays	15d	31-May-16	15-Jun-16	0%
BC1110-81	PR14 South Area - Base Slab (formwork, rebars, concrete), 12/22 bays	12d	15-Jun-16	27-Jun-16	0%
WORKS IN HAM(HIGHWAY OPERATION & MAINTENANCE AREA) & HAT CCT					
Reclamation Works					
Surcharge					
RSC1083-47	HMA - Surcharge Load, Surcharge Sub-zone 6-3-2 - 1/3 months	30d	16-Jan-16 A	15-Feb-16 A	100%
RSC1083-57	HMA - Surcharge Load, Surcharge Sub-zone 6-3-2 - 2/3 months	30d	16-Feb-16 A	18-Mar-16 A	100%
RSC1083-67	HMA - Surcharge Load, Surcharge Sub-zone 6-3-2 - 3/3 months	30d	19-Mar-16 A	16-Apr-16	0%
Administration Building					
RC & Foundation Works					
Superstructure - (G/F - 1/F)					
Area 1 (Grid 1-5/A-E)					
HMA1105-166	HMA Admin. Bldg. - Area 1 (Grid 1-5/A-E) - Ground slab (formworks, rebars, cast-in items, concrete)	6d	19-Mar-16	29-Mar-16	0%
Area 3 (Grid 8-12/A-C)					
HMA1115-22	HMA Admin. Bldg. Area 3 (Grid 8-12/A-C) - G/F - 1/F - Columns (formworks, rebars, concrete), 21/21 nos.	10d	27-Jan-16 A	26-Feb-16 A	100%
HMA1115-32	HMA Admin. Bldg. Area 3 (Grid 8-12/A-C) - G/F - 1/F - Scaffolding erection	8d	27-Feb-16 A	05-Mar-16 A	100%
HMA1115-42	HMA Admin. Bldg. Area 3 (Grid 8-12/A-C) - 1/F Slab and beams (formworks, rebars, concrete),	12d	05-Mar-16 A	10-Mar-16 A	100%
HMA1115-62	HMA Admin. Bldg. Area 3 (Grid 8-12/A-C) - 1/F Slab, Curing, removal of scaffold below slab	18d	11-Mar-16 A	13-Apr-16	0%
HMA1105-176	HMA Admin. Bldg.- Area 3 (Grid 7-12/A-C) - Ground slab (formworks, rebars, cast-in items, concrete)	6d	14-Apr-16	20-Apr-16	0%
HMA1115-72	HMA Admin. Bldg. Area 3 (Grid 7-12/A-E) - G/F - 1/F Walls (formworks, rebars, concrete),	10d	21-Apr-16	03-May-16	0%
Area 4 (Grid 13-18/F-G)					
HMA1115-82	HMA Admin. Bldg. Area 4 (Grid 13-18/A-C) - G/F - 1/F - Slab (formworks, rebars, concrete)	8d	04-Feb-16 A	23-Feb-16 A	100%
HMA1115-92	HMA Admin. Bldg. Area 4 (Grid 13-18/A-C) - G/F - 1/F - Columns (formworks, rebars, concrete), 15/15 nos.	8d	24-Feb-16 A	18-Mar-16 A	100%
HMA1115-102	HMA Admin. Bldg. Area 4 (Grid 13-18/A-C) - G/F - 1/F - Scaffolding erection	8d	19-Mar-16 A	31-Mar-16	0%
HMA1115-112	HMA Admin. Bldg. Area 4 (Grid 13-18/A-C) - 1/F Slab and beams (formworks, rebars, concrete),	12d	01-Apr-16	15-Apr-16	0%
HMA1115-132	HMA Admin. Bldg. Area 4 (Grid 13-18/A-C) - 1/F Slab, Curing, removal of scaffold below slab	18d	16-Apr-16	07-May-16	0%
HMA1105-186	HMA Admin. Bldg. Area 4 (Grid 13-18/A-C) - Ground slab (formworks, rebars, cast-in items, concrete)	6d	09-May-16	16-May-16	0%
HMA1115-142	HMA Admin. Bldg. Area 4 (Grid 13-18/A-C)) - G/F - 1/F Walls (formworks, rebars, concrete),	10d	17-May-16	27-May-16	0%
Area 5 (Grid 18-21/F-G)					
HMA1115-212	HMA Admin. Bldg. Area 5 (Grid 18-21/F-G) - G/F - 1/F - Slab (formworks, rebars, concrete)	8d	04-Mar-16 A	15-Mar-16 A	100%
HMA1115-222	HMA Admin. Bldg. Area 5 (Grid 18-21/F-G) - Columns (formworks, rebars, concrete), 15/15 nos.	15d	16-Mar-16 A	09-Apr-16	0%
HMA1115-232	HMA Admin. Bldg. Area 5 (Grid 18-21/F-G) - G/F - 1/F - Scaffolding erection	8d	11-Apr-16	19-Apr-16	0%
HMA1115-242	HMA Admin. Bldg. Area 5 (Grid 18-21/F-G) - 1/F Slab and beams (formworks, rebars, concrete),	12d	20-Apr-16	04-May-16	0%
HMA1115-252	HMA Admin. Bldg. Area 5 (Grid 18-21/F-G) - 1/F Slab, Curing, removal of scaffold below slab	18d	05-May-16	26-May-16	0%
HMA1105-457	HMA Admin. Bldg. Area 5 (Grid 18-21/F-G) - Ground slab (formworks, rebars, cast-in items, concrete)	6d	27-May-16	02-Jun-16	0%
HMA1115-262	HMA Admin. Bldg. Area 5 (Grid 18-21/F-G) - G/F - 1/F Walls (formworks, rebars, concrete),	10d	03-Jun-16	15-Jun-16	0%
Area 6 (Grid 21-23/F-G)					
HMA1115-152	HMA Admin. Bldg. Area 9 (Grid 21-23/F-G) - G/F - 1/F - Slab (formworks, rebars, concrete)	8d	15-Feb-16 A	19-Feb-16 A	100%
HMA1115-162	HMA Admin. Bldg. Area 9 (Grid 21-23/F-G) - G/F - 1/F - Columns (formworks, rebars, concrete), 15/15 nos.	8d	19-Mar-16 A	01-Apr-16	5%
HMA1115-172	HMA Admin. Bldg. Area 9 (Grid 21-23/F-G) - G/F - 1/F - Scaffolding erection	7d	02-Apr-16	11-Apr-16	0%
HMA1115-182	HMA Admin. Bldg. Area 9 (Grid 21-23/F-G) - 1/F Slab and beams (formworks, rebars, concrete),	7d	12-Apr-16	19-Apr-16	0%
HMA1115-192	HMA Admin. Bldg. Area 9 (Grid 21-23/F-G) - 1/F Slab, Curing, removal of scaffold below slab	14d	20-Apr-16	06-May-16	0%
HMA1105-447	HMA Admin. Bldg. Area 9 (Grid 21-23/F-G) - Ground slab (formworks, rebars, cast-in items, concrete)	6d	07-May-16	13-May-16	0%
HMA1115-202	HMA Admin. Bldg. Area 9 (Grid 21-23/F-G)) - G/F - 1/F Walls (formworks, rebars, concrete),	7d	16-May-16	23-May-16	0%
Area 9 (Grid 18-21/F-G)-1					
HMA1105-227	HMA Admin. Bldg.- Area 6 (Grid 21-23/F-G) - Ground slab (formworks, rebars, cast-in items, concrete)	5d	27-Feb-16 A	15-Mar-16 A	100%
HMA1105-157	HMA Admin. Bldg.- Area 5 (Grid 18-21/F-G) - Ground slab (formworks, rebars, cast-in items, concrete)	6d	27-Feb-16 A	15-Mar-16 A	100%
HMA1105-297	HMA Admin. Bldg.- Area 7 (Grid 14-18/E-F) - Ground slab (formworks, rebars, cast-in items, concrete)	5d	24-May-16	28-May-16	0%
HMA1105-367	HMA Admin. Bldg.- Area 8 (Grid 18-22/E-G) - Ground slab (formworks, rebars, cast-in items, concrete)	5d	30-May-16	03-Jun-16	0%
Superstructure - (1F - R/F)					
Area 2 (Grid 5-8/A-E)					
HMA1115-65	HMA Admin. Bldg. Area 2 (Grid 5-8/A-E) - 1/F - R/FColumns (formworks, rebars, concrete), 6/12 nos.	8d	04-Feb-16 A	31-Mar-16	0%
HMA1115-75	HMA Admin. Bldg. Area 2 (Grid 5-8/A-E) -1/F - R/F Columns (formworks, rebars, concrete), 12/12 nos.	8d	01-Apr-16	11-Apr-16	0%
HMA1115-85	HMA Admin. Bldg. Area 2 (Grid 5-8/A-E) - 1/F - R/F - Scaffolding erection	4d	12-Apr-16	15-Apr-16	0%
HMA1115-95	HMA Admin. Bldg. Area 2 (Grid 5-8/A-E) - 1/F - R/F Walls (formworks, rebars, concrete),	10d	16-Apr-16	27-Apr-16	0%
HMA1115-105	HMA Admin. Bldg.Area 2 (Grid 5-8/A-E) - Roof Slab and beams (formworks, rebars, concrete),	12d	28-Apr-16	12-May-16	0%
HMA1115-115	HMA Admin. Bldg. Area 2 (Grid 5-8/A-E) - Roof Slab and beams, preparation of CJ and inspection	3d	13-May-16	17-May-16	0%
HMA1115-135	HMA Admin. Bldg. Area 2 (Grid 5-8/A-E) - Roof Slab, Curing, removal of scaffold below slab	12d	13-May-16	27-May-16	0%
ABWF					
External Works					
HMA4040	HMA Admin. Bldg. - Facade Wall / Curtain wall / Coating G/F	14d	13-May-16	27-May-16	0%
E&M Works and Interface with HY2011/09 for SHM & MMS					
HMA1260-1	HMA Admin. Bldg. - Building Services Work	12d	21-Mar-16	05-Apr-16	0%
HMA1260-2	HMA Admin. Bldg. - Provide Access to Contract HY/2011/09's SHM & MMS System	0d		05-Apr-16	0%
E&M Works and Interface with TCSS Contractor					
HMA1275-1	HMA Admin. Bldg. - E&M for relevant rooms for TCSS	24d	09-May-16	01-Jun-16	0%
CLP Installation - Substation X					
HMA1275-11	HMA Admin. Bldg. - Handover switch Rm to CLP	0d		16-May-16*	0%
HyD Workshop & Store Building					
Pile Caps					
HMA1060-126	HMA HyD Workshop & Stores - Pile caps - Excavation	10d	01-Feb-16 A	15-Feb-16 A	100%
HMA1060-1178	HMA HyD Workshop & Stores - Pile caps - Backfilling with compaction to F.L.@approx 4.7mPD	20d	15-Feb-16 A	02-Apr-16	70%
HMA1060-136	HMA HyD Workshop & Stores - Pile caps - Blinding layer, pile head treatment, 8/16nos.	5d	05-Apr-16	09-Apr-16	0%
HMA1060-1168	HMA HyD Workshop & Stores - Pile caps - Blinding layer, pile head treatment, 16/16 nos.	5d	11-Apr-16	15-Apr-16	0%
HMA1060-137	HMA HyD Workshop & Stores - Pile caps - Backfilling works	5d	16-Apr-16	21-Apr-16	0%
Ground Slab					
HMA1060-157	HMA HyD Workshop & Stores - Area 1 (Grid 1-2/A-B) - Ground slab (formworks, rebars, cast-in items, concrete)	13d	22-Apr-16	07-May-16	0%
HMA1060-167	HMA HyD Workshop & Stores - Area 2 (Grid 1-2/B-C) - Ground slab (formworks, rebars, cast-in items, concrete)	13d	09-May-16	24-May-16	0%
HMA1060-177	HMA HyD Workshop & Stores - Area 3 (Grid 2-4/B-C) - Ground slab (formworks, rebars, cast-in items, concrete)	13d	25-May-16	08-Jun-16	0%
HMA1060-187	HMA HyD Workshop & Stores - Area 4 (Grid 4-6/B-C) - Ground slab (formworks, rebars, cast-in items, concrete)	14d	10-Jun-16	25-Jun-16	0%
TD Workshop & Store Building					
Pre-bored Socketed H-pile					
HMA1060-88	HMA TD Workshop & Stores - [Drilling] Piling works (Pre-bored socket H-pile), 60/74 nos.	10d	02-Feb-16 A	17-Feb-16 A	100%
HMA1060-89	HMA TD Workshop & Stores - [Drilling] Piling works (Pre-bored socket H-pile), 74/74 nos.	8d	08-Feb-16 A	10-Mar-16 A	100%
HMA1060-266	HMA TD Workshop & Stores - [Grouting] Piling works (Pre-bored socket H-pile), 74/74 nos.	10d	11-Mar-16 A	12-Mar-16 A	100%
HMA1060-1228	HMA TD Workshop & Stores - Piling works (Setup and Pile Loading Test)	9d	19-Mar-16	01-Apr-16	0%
Pile Caps					
HMA1060-1208	HMA TD Workshop & Stores - Pile caps - Excavation	10d	02-Apr-16	14-Apr-16	0%
HMA1060-1218	HMA TD Workshop & Stores - Pile caps - Backfilling with compaction to F.L.@approx. 4.7mPD	12d	15-Apr-16	28-Apr-16	0%
HMA1060-146	HMA TD Workshop & Stores - Pile caps [Grid 1-5/A-C] - Excav., blinding layer, pile head treatment, concrete, 10/28 nos.	9d	15-Apr-16	25-Apr-16	0%
HMA1060-147	HMA TD Workshop & Stores - Pile caps [Grid 5-9/A-C] - Excav., blinding layer, pile head treatment, concrete 20/28 nos.	9d	26-Apr-16	06-May-16	0%
HMA1060-1148	HMA TD Workshop & Stores - Pile caps [Grid 5-9/A-C] - Excav., blinding layer, pile head treatment, concrete 28/28 nos.	9d	06-May-16	17-May-16	0%
Ground Slab					
HMA1060-1238	HMA TD Workshop & Stores - Area 1 (Grid 1-5/A-C) - Ground slab (formworks, rebars, cast-in items, concrete)	11d	17-May-16	28-May-16	0%
HMA1060-1248	HMA TD Workshop & Stores - Area 2 (Grid 5-9/A-C) - Ground slab (formworks, rebars, cast-in items, concrete)	11d	30-May-16	11-Jun-16	0%
Petrol Filling Station & Attendance Office					



FILE: 3M47 (Rev.00)

Sheet 7 of 12

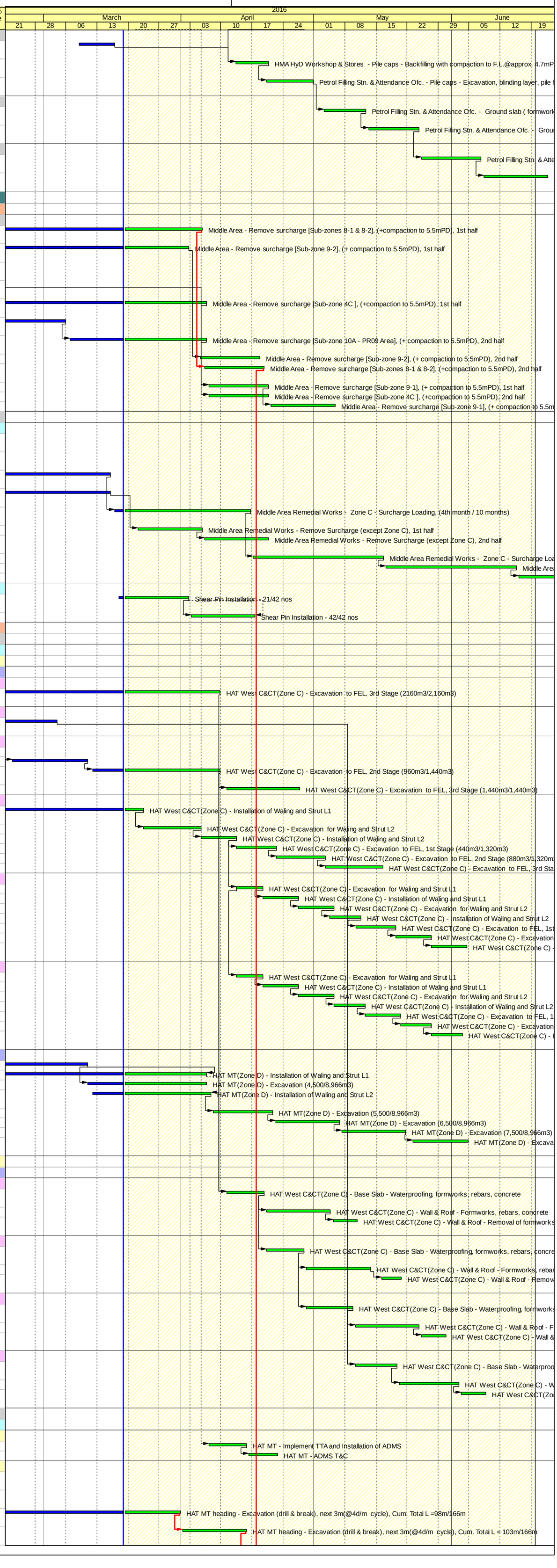
3-Months Rolling Programme (ER Part 5 & SCC 27(9))

(April 2016 to June 2016)

Layout ZMB - Layout 1 (3M Rolling Prog)(3M47)

TASK filters: 3M47, HZMB No Level Effort.

Activity ID	Activity Name	Dur. (days)	Start	Finish	Activity % Complete
Pile Caps					
HMA1060-1188	HMA HyD Workshop & Stores - Pile caps - Excavation	7d	09-Mar-16 A	17-Mar-16 A	100%
HMA1060-1198	HMA HyD Workshop & Stores - Pile caps - Backfilling with compaction to F.L.@approx. 4.7mPD	7d	13-Apr-16	20-Apr-16	0%
HMA1060-176	Petrol Filling Stn. & Attendance Ofc. - Pile caps - Excavation, blinding layer, pile head treatment, 13/13 nos.	10d	20-Apr-16	30-Apr-16	0%
Ground Slab					
HMA1060-226	Petrol Filling Stn. & Attendance Ofc. - Ground slab (formworks, rebars, cast-in items, concrete), 1st half	9d	03-May-16	12-May-16	0%
HMA1060-236	Petrol Filling Stn. & Attendance Ofc. - Ground slab (formworks, rebars, cast-in items, concrete), 2nd half	9d	13-May-16	24-May-16	0%
Column					
HMA1060-1258	Petrol Filling Stn. & Attendance Ofc. - Column (formworks, rebars, cast-in items, concrete), 1st half	12d	25-May-16	07-Jun-16	0%
HMA1060-1268	Petrol Filling Stn. & Attendance Ofc. - Column (formworks, rebars, cast-in items, concrete), 2nd half	12d	08-Jun-16	22-Jun-16	0%
WORKS IN MIDDLE AREA CH15+050 to 15+500 (HKLR AT GRADE, HAT MT, BRIDGE A1 & A2)					
Reclamation Works - SWCH 0+960 to 1+400 (AHR 20mPD) & (12.5mPD)					
Surcharge					
RSC1055-4	Middle Area - Remove surcharge [Sub-zones 8-1 & 8-2], (+compaction to 5.5mPD), 1st half	12d	16-Dec-15 A	05-Apr-16	8%
RSC1054-5	Middle Area - Remove surcharge [Sub-zone 9-2], (+ compaction to 5.5mPD), 1st half	12d	28-Dec-15 A	02-Apr-16	10%
RSC1069-57	Middle Area - Surcharge load [Sub-zone 10A - PR09 Area], (4th month / 4 months)	30d	18-Jan-16 A	19-Feb-16 A	100%
RSC1068-06	Middle Area - Surcharge load [Sub-zone 9-1], (4th month / 4 months)	30d	20-Jan-16 A	19-Feb-16 A	100%
RSC1069-50	Middle Area - Remove surcharge [Sub-zone 4C], (+compaction to 5.5mPD), 1st half	12d	29-Jan-16 A	06-Apr-16	0%
RSC1069-52	Middle Area - Remove surcharge [Sub-zone 10A - PR09 Area], (+ compaction to 5.5mPD), 1st half	12d	20-Feb-16 A	06-Mar-16 A	100%
RSC1069-53	Middle Area - Remove surcharge [Sub-zone 10A - PR09 Area], (+ compaction to 5.5mPD), 2nd half	12d	07-Mar-16 A	06-Apr-16	25%
RSC1054-6	Middle Area - Remove surcharge [Sub-zone 9-2], (+ compaction to 5.5mPD), 2nd half	12d	05-Apr-16	18-Apr-16	0%
RSC1055-5	Middle Area - Remove surcharge [Sub-zones 8-1 & 8-2], (+compaction to 5.5mPD), 2nd half	12d	06-Apr-16	19-Apr-16	0%
RSC1069-101	Middle Area - Remove surcharge [Sub-zone 9-1], (+ compaction to 5.5mPD), 1st half	12d	07-Apr-16	20-Apr-16	0%
RSC1069-51	Middle Area - Remove surcharge [Sub-zone 4C], (+compaction to 5.5mPD), 2nd half	12d	07-Apr-16	20-Apr-16	0%
RSC1069-111	Middle Area - Remove surcharge [Sub-zone 9-1], (+ compaction to 5.5mPD), 2nd half	12d	21-Apr-16	05-May-16	0%
Area 2: Investigation and Remedial Works - SWCH 1+050 to SWCH 1+280 (230m)					
Surcharge					
A1710	Middle Area Remedial Works - Zone C - Surcharge Loading, (2nd month / 10 months)	30d	17-Jan-16 A	14-Feb-16 A	100%
A1420	Middle Area Remedial Works - Surcharge Loading, except Zone C,(2nd month)	30d	17-Jan-16 A	14-Feb-16 A	100%
A1720	Middle Area Remedial Works - Zone C - Surcharge Loading, (3rd month / 10 months)	30d	15-Feb-16 A	16-Mar-16 A	100%
A1430	Middle Area Remedial Works - Surcharge Loading, except Zone C,(3rd month)	30d	15-Feb-16 A	16-Mar-16 A	100%
A1730	Middle Area Remedial Works - Zone C - Surcharge Loading, (4th month / 10 months)	30d	17-Mar-16 A	16-Apr-16	3%
A1800	Middle Area Remedial Works - Remove Surcharge (except Zone C), 1st half	15d	22-Mar-16*	05-Apr-16	0%
A1810	Middle Area Remedial Works - Remove Surcharge (except Zone C), 2nd half	15d	06-Apr-16	20-Apr-16	0%
A1740	Middle Area Remedial Works - Zone C - Surcharge Loading, (5th month / 10 months)	30d	17-Apr-16	16-May-16	0%
A1750	Middle Area Remedial Works - Zone C - Surcharge Loading, (6th month / 10 months)	30d	17-May-16	15-Jun-16	0%
A1760	Middle Area Remedial Works - Zone C - Surcharge Loading, (7th month / 10 months)	30d	16-Jun-16	15-Jul-16	0%
Shear Pin Installation					
A237784	Shear Pin Installation - 21/42 nos	15d	18-Mar-16 A	02-Apr-16	62%
A237754	Shear Pin Installation - 42/42 nos	15d	03-Apr-16	17-Apr-16	0%
Works in HAT Tunnel (Mined Tunnel and West CCT w/ Emergency Pedestrian Passage					
CCT for HAT across Airport Road [200m Approx.]					
Civil & Structural Works					
ELS - HAT West CCT, Ch. 0+270 to Ch. 0+560					
ELS - Zone C (Ch. 0+470 to Ch. 0+394)					
Ch. 0+490 to Ch. 0+478, L=12.0m					
HAT1611-81	HAT West C&CT(Zone C) - Excavation to FEL, 3rd Stage (2160m3/2,160m3)	15d	03-Feb-16 A	09-Apr-16	90%
Ch. 0+454 to Ch. 0+442, L=12.0m					
HAT1611-411	HAT West C&CT(Zone C) - Excavation to FEL, 3rd Stage (1,440m3/1,440m3)	15d	11-Jan-16 A	04-Mar-16 A	100%
Ch. 0+442 to Ch. 0+430, L=12.0m					
HAT1611-291	HAT West C&CT(Zone C) - Installation of Waling and Strut L2	7d	15-Feb-16 A	19-Feb-16 A	100%
HAT1611-301	HAT West C&CT(Zone C) - Excavation to FEL, 1st Stage (480m3/1,440m3)	15d	23-Feb-16 A	11-Mar-16 A	100%
HAT1611-421	HAT West C&CT(Zone C) - Excavation to FEL, 2nd Stage (960m3/1,440m3)	15d	12-Mar-16 A	09-Apr-16	50%
HAT1611-431	HAT West C&CT(Zone C) - Excavation to FEL, 3rd Stage (1,440m3/1,440m3)	15d	11-Apr-16	27-Apr-16	0%
Ch. 0+430 to Ch. 0+418, L=12.0m					
HAT1611-321	HAT West C&CT(Zone C) - Installation of Waling and Strut L1	7d	20-Feb-16 A	23-Mar-16	50%
HAT1611-331	HAT West C&CT(Zone C) - Excavation for Waling and Strut L2	7d	23-Mar-16	05-Apr-16	0%
HAT1611-341	HAT West C&CT(Zone C) - Installation of Waling and Strut L2	7d	05-Apr-16	13-Apr-16	0%
HAT1611-351	HAT West C&CT(Zone C) - Excavation to FEL, 1st Stage (440m3/1,320m3)	8d	13-Apr-16	22-Apr-16	0%
HAT1611-441	HAT West C&CT(Zone C) - Excavation to FEL, 2nd Stage (880m3/1,320m3)	8d	22-Apr-16	03-May-16	0%
HAT1611-451	HAT West C&CT(Zone C) - Excavation to FEL, 3rd Stage (1,320m3/1,320m3)	10d	03-May-16	16-May-16	0%
Ch. 0+418 to Ch. 0+406, L=12.0m					
HAT1611-461	HAT West C&CT(Zone C) - Excavation for Waling and Strut L1	5d	13-Apr-16	19-Apr-16	0%
HAT1611-471	HAT West C&CT(Zone C) - Installation of Waling and Strut L1	7d	19-Apr-16	27-Apr-16	0%
HAT1611-481	HAT West C&CT(Zone C) - Excavation for Waling and Strut L2	6d	27-Apr-16	05-May-16	0%
HAT1611-491	HAT West C&CT(Zone C) - Installation of Waling and Strut L2	6d	04-May-16	11-May-16	0%
HAT1611-521	HAT West C&CT(Zone C) - Excavation to FEL, 1st Stage (400m3/1,200m3)	7d	10-May-16	19-May-16	0%
HAT1611-531	HAT West C&CT(Zone C) - Excavation to FEL, 2nd Stage (800m3/1,200m3)	7d	19-May-16	27-May-16	0%
HAT1611-501	HAT West C&CT(Zone C) - Excavation to FEL, 3rd Stage (1,200m3/1,200m3)	7d	27-May-16	04-Jun-16	0%
Ch. 0+406 to Ch. 0+394, L=12.0m					
HAT1611-541	HAT West C&CT(Zone C) - Excavation for Waling and Strut L1	5d	13-Apr-16	19-Apr-16	0%
HAT1611-551	HAT West C&CT(Zone C) - Installation of Waling and Strut L1	7d	19-Apr-16	27-Apr-16	0%
HAT1611-561	HAT West C&CT(Zone C) - Excavation for Waling and Strut L2	6d	27-Apr-16	05-May-16	0%
HAT1611-571	HAT West C&CT(Zone C) - Installation of Waling and Strut L2	6d	05-May-16	12-May-16	0%
HAT1611-581	HAT West C&CT(Zone C) - Excavation to FEL, 1st Stage (360m3/1,080m3)	6d	12-May-16	20-May-16	0%
HAT1611-591	HAT West C&CT(Zone C) - Excavation to FEL, 1st Stage (720m3/1,080m3)	6d	20-May-16	27-May-16	0%
HAT1611-601	HAT West C&CT(Zone C) - Excavation to FEL, 1st Stage (1,080m3/1,080m3)	6d	27-May-16	03-Jun-16	0%
ELS - Zone D					
HAT1611-631	HAT MT(Zone D) - Excavation (3,600/8,966m3)	12d	18-Jan-16 A	11-Mar-16 A	100%
HAT1611-621	HAT MT(Zone D) - Installation of Waling and Strut L1	12d	04-Feb-16 A	06-Apr-16	42%
HAT1611-641	HAT MT(Zone D) - Excavation (4,500/8,966m3)	12d	11-Mar-16 A	06-Apr-16	70%
HAT1611-651	HAT MT(Zone D) - Installation of Waling and Strut L2	12d	12-Mar-16 A	07-Apr-16	25%
HAT1611-661	HAT MT(Zone D) - Excavation (5,500/8,966m3)	12d	08-Apr-16	21-Apr-16	0%
HAT1611-671	HAT MT(Zone D) - Excavation (6,500/8,966m3)	12d	22-Apr-16	06-May-16	0%
HAT1611-681	HAT MT(Zone D) - Excavation (7,500/8,966m3)	12d	07-May-16	21-May-16	0%
HAT1611-691	HAT MT(Zone D) - Excavation (8,996/8,966m3)	12d	23-May-16	04-Jun-16	0%
RC Works- HAT West CCT, Ch 0+270 to Ch 0+560					
RC Works - Zone C (Ch 0+470 to Ch 0+394)					
Ch. 0+490 to Ch. 0+478, L=12.0m					
HAT1612-1	HAT West C&CT(Zone C) - Base Slab - Waterproofing, formworks, rebars, concrete	8d	11-Apr-16	19-Apr-16	0%
HAT1612-2	HAT West C&CT(Zone C) - Wall & Roof - Formworks, rebars, concrete	12d	20-Apr-16	04-May-16	0%
HAT1612-3	HAT West C&CT(Zone C) - Wall & Roof - Removal of formworks, waterproofing, backfilling works	5d	05-May-16	10-May-16	0%
Ch. 0+478 to Ch. 0+466, L=12.0m					
HAT1612-4	HAT West C&CT(Zone C) - Base Slab - Waterproofing, formworks, rebars, concrete	8d	20-Apr-16	28-Apr-16	0%
HAT1612-5	HAT West C&CT(Zone C) - Wall & Roof - Formworks, rebars, concrete	12d	29-Apr-16	13-May-16	0%
HAT1612-6	HAT West C&CT(Zone C) - Wall & Roof - Removal of formworks, waterproofing, backfilling works	5d	16-May-16	20-May-16	0%
Ch. 0+466 to Ch. 0+454, L=12.0m					
HAT1612-7	HAT West C&CT(Zone C) - Base Slab - Waterproofing, formworks, rebars, concrete	8d	29-Apr-16	09-May-16	0%
HAT1612-8	HAT West C&CT(Zone C) - Wall & Roof - Formworks, rebars, concrete	12d	10-May-16	24-May-16	0%
HAT1612-9	HAT West C&CT(Zone C) - Wall & Roof - Removal of formworks, waterproofing, backfilling works	5d	25-May-16	30-May-16	0%
Ch. 0+454 to Ch. 0+442, L=12.0m					
HAT1612-55	HAT West C&CT(Zone C) - Base Slab - Waterproofing, formworks, rebars, concrete	8d	10-May-16	19-May-16	0%
HAT1612-19	HAT West C&CT(Zone C) - Wall & Roof - Formworks, rebars, concrete	12d	20-May-16	02-Jun-16	0%
HAT1612-29	HAT West C&CT(Zone C) - Wall & Roof - Removal of formworks, waterproofing, backfilling works	5d	03-Jun-16	08-Jun-16	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					
Installation of ADMS					
HAT3340	HAT MT - Implement TTA and Installation of ADMS	9d	07-Apr-16*	15-Apr-16	0%
HAT3350	HAT MT - ADMS T&C	7d	16-Apr-16	22-Apr-16	0%
Drive from Shaft 4: HAT Tunnel Excavation - Heading(1st half & 2nd half)					
HAT2015-28	HAT MT heading - Excavation (drill & break), next 3m(@4d/m cycle), Cum. Total L = 87m/166m	15d	21-Jan-16 A	10-Feb-16 A	100%
HAT2015-30	HAT MT heading - Excavation (drill & break), next 3m(@4d/m cycle), Cum. Total L = 92m/166m	15d	11-Feb-16 A	20-Feb-16 A	100%
HAT2015-31	HAT MT heading - Excavation (drill & break), next 3m(@4d/m cycle), Cum. Total L =98m/166m	15d	20-Feb-16 A	31-Mar-16	60%
HAT2015-32	HAT MT heading - Excavation (drill & break), next 3m(@4d/m cycle), Cum. Total L = 103m/166m	15d	01-Apr-16	15-Apr-16	0%



FILE: 3M47 (Rev.00)

Sheet 8 of 12

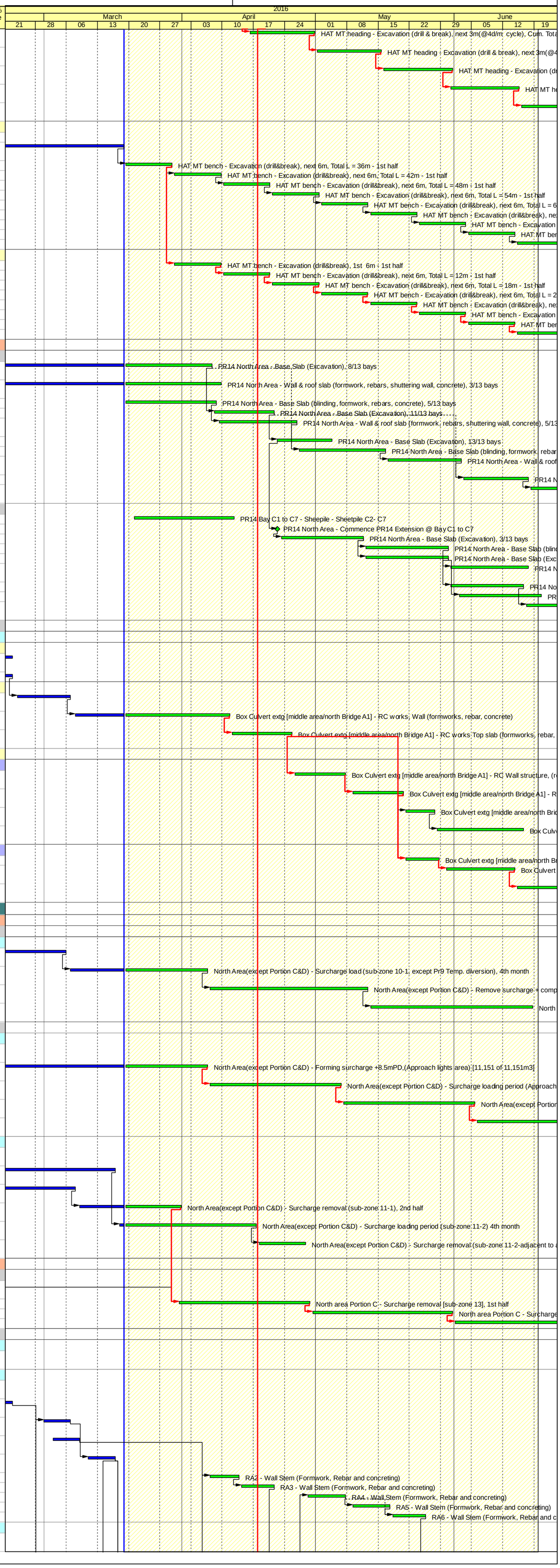
3-Months Rolling Programme (ER Part 5 & SCC 27(9))

(April 2016 to June 2016)

Layout ZMB - Layout 1 (3M Rolling Prog)(3M47)

TASK filters: 3M47, HZMB No Level Effort.

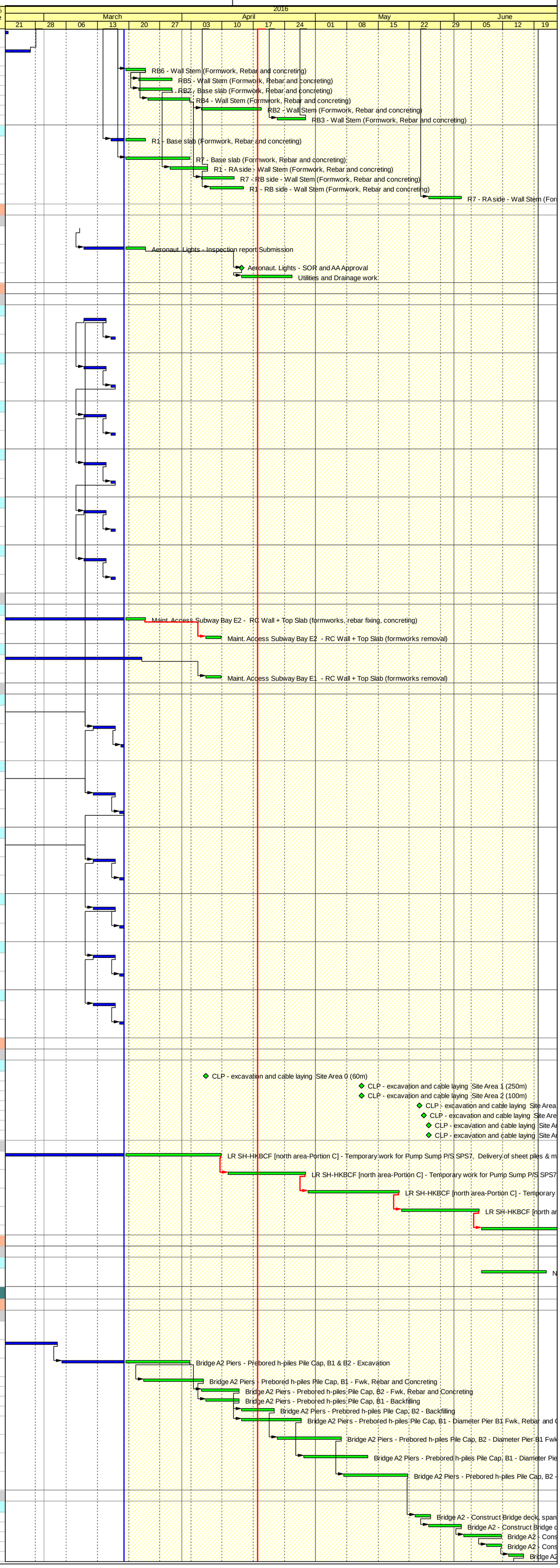
Activity ID	Activity Name	Dur. (days)	Start	Finish	Activity % Complete
HAT2015-33	HAT MT heading - Excavation (drill & break), next 3m(@4d/m cycle), Cum. Total L = 108m/166m	15d	16-Apr-16	30-Apr-16	0%
HAT2015-43	HAT MT heading - Excavation (drill & break), next 3m(@4d/m cycle), Cum. Total L = 113m/166m	15d	01-May-16	15-May-16	0%
HAT2015-53	HAT MT heading - Excavation (drill & break), next 3m(@4d/m cycle), Cum. Total L = 118m/166m	16d	16-May-16	31-May-16	0%
HAT2015-72	HAT MT heading - Excavation (drill & break), next 3m(@4d/m cycle), Cum. Total L = 122m/166m	16d	31-May-16	15-Jun-16	0%
HAT2015-82	HAT MT heading - Excavation (drill & break), next 3m(@4d/m cycle), Cum. Total L = 126m/166m	16d	16-Jun-16	01-Jul-16	0%
Drive from Shaft 4: HAT Tunnel Excavation - Bench(1st half & 2nd half)					
HAT2130	HAT MT bench - Excavation (drill&break), next 6m, Total L = 24m - 1st half	12d	06-Feb-16 A	15-Feb-16 A	100%
HAT2140	HAT MT bench - Excavation (drill&break), next 6m, Total L = 30m - 1st half	12d	16-Feb-16 A	19-Mar-16 A	100%
HAT2150	HAT MT bench - Excavation (drill&break), next 6m, Total L = 36m - 1st half	11d	19-Mar-16	29-Mar-16	0%
HAT2160	HAT MT bench - Excavation (drill&break), next 6m, Total L = 42m - 1st half	11d	30-Mar-16	09-Apr-16	0%
HAT3360	HAT MT bench - Excavation (drill&break), next 6m, Total L = 48m - 1st half	11d	10-Apr-16	20-Apr-16	0%
HAT3370	HAT MT bench - Excavation (drill&break), next 6m, Total L = 54m - 1st half	11d	21-Apr-16	01-May-16	0%
HAT3380	HAT MT bench - Excavation (drill&break), next 6m, Total L = 60m - 1st half	11d	02-May-16	12-May-16	0%
HAT3390	HAT MT bench - Excavation (drill&break), next 6m, Total L = 66m - 1st half	11d	13-May-16	23-May-16	0%
HAT3400	HAT MT bench - Excavation (drill&break), next 6m, Total L = 72m - 1st half	11d	24-May-16	03-Jun-16	0%
HAT3410	HAT MT bench - Excavation (drill&break), next 6m, Total L = 78m - 1st half	11d	04-Jun-16	14-Jun-16	0%
HAT3430	HAT MT bench - Excavation (drill&break), next 6m, Total L = 84m - 1st half	11d	15-Jun-16	25-Jun-16	0%
2nd Half Bench					
HAT3570	HAT MT bench - Excavation (drill&break), 1st 6m - 1st half	11d	30-Mar-16	09-Apr-16	0%
HAT3580	HAT MT bench - Excavation (drill&break), next 6m, Total L = 12m - 1st half	11d	10-Apr-16	20-Apr-16	0%
HAT3590	HAT MT bench - Excavation (drill&break), next 6m, Total L = 18m - 1st half	11d	21-Apr-16	01-May-16	0%
HAT3600	HAT MT bench - Excavation (drill&break), next 6m, Total L = 24m - 1st half	11d	02-May-16	12-May-16	0%
HAT3610	HAT MT bench - Excavation (drill&break), next 6m, Total L = 30m - 1st half	11d	13-May-16	23-May-16	0%
HAT3620	HAT MT bench - Excavation (drill&break), next 6m, Total L = 36m - 1st half	11d	24-May-16	03-Jun-16	0%
HAT3630	HAT MT bench - Excavation (drill&break), next 6m, Total L = 42m - 1st half	11d	04-Jun-16	14-Jun-16	0%
HAT3640	HAT MT bench - Excavation (drill&break), next 6m, Total L = 48m - 1st half	11d	15-Jun-16	25-Jun-16	0%
Box Culvert Extension to Outfall PR9 & PR14					
Box Culvert Ext. to New Outfall PR14 (North Area, Bay N1 to N-13)					
BC1160-9	PR14 North Area - Base Slab (Excavation), 8/13 bays	15d	24-Nov-15 A	07-Apr-16	18%
BC1160-3	PR14 North Area - Wall & roof slab (formwork, rebars, shuttering wall, concrete), 3/13 bays	15d	29-Jan-16 A	09-Apr-16	30%
BC1160-6	PR14 North Area - Base Slab (blinding, formwork, rebars, concrete), 5/13 bays	14d	19-Mar-16	08-Apr-16	0%
BC1160-13	PR14 North Area - Base Slab (Excavation), 11/13 bays	12d	08-Apr-16	21-Apr-16	0%
BC1160-7	PR14 North Area - Wall & roof slab (formwork, rebars, shuttering wall, concrete), 5/13 bays	15d	09-Apr-16	26-Apr-16	0%
BC1160-26	PR14 North Area - Base Slab (Excavation), 13/13 bays	10d	22-Apr-16	04-May-16	0%
BC1160-10	PR14 North Area - Base Slab (blinding, formwork, rebars, concrete), 8/13 bays	15d	27-Apr-16	16-May-16	0%
BC1160-11	PR14 North Area - Wall & roof slab (formwork, rebars, shuttering wall, concrete), 8/13 bays	15d	17-May-16	02-Jun-16	0%
BC1160-14	PR14 North Area - Base Slab (blinding, formwork, rebars, concrete),11/13 bays	12d	03-Jun-16	17-Jun-16	0%
BC1160-15	PR14 North Area - Wall & roof slab (formwork, rebars, shuttering wall, concrete), 11/13 bays	15d	18-Jun-16	06-Jul-16	0%
Box Culvert Ext. to New Outfall PR14 (North Area, Bay C1 to C7)					
BC1160-226	PR14 Bay C1 to C7 - Sheepile - Sheetpile C2- C7	14d	21-Mar-16	12-Apr-16	0%
BC1300	PR14 North Area - Commence PR14 Extension @ Bay C1 to C7	0d	22-Apr-16		0%
BC1160-156	PR14 North Area - Base Slab (Excavation), 3/13 bays	15d	23-Apr-16*	11-May-16	0%
BC1160-166	PR14 North Area - Base Slab (blinding, formwork, rebars, concrete), 3/13 bays	15d	12-May-16	30-May-16	0%
BC1160-186	PR14 North Area - Base Slab (Excavation), 5/13 bays	15d	12-May-16	30-May-16	0%
BC1160-176	PR14 North Area - Wall & roof slab (formwork, rebars, shuttering wall, concrete), 3/13 bays	15d	31-May-16	17-Jun-16	0%
BC1160-196	PR14 North Area - Base Slab (blinding, formwork, rebars, concrete), 5/13 bays	14d	31-May-16	16-Jun-16	0%
BC1160-66	PR14 North Area - Base Slab (Excavation), 8/13 bays	15d	02-Jun-16	20-Jun-16	0%
BC1160-206	PR14 North Area - Wall & roof slab (formwork, rebars, shuttering wall, concrete), 5/13 bays	15d	17-Jun-16	05-Jul-16	0%
Box Culvert Ext. to New Outfall PR9 (75m Approx.)					
Temporary Drainage Diversion and Relocation of Spill Trap(Bay 1)					
Stage 2 - Demolition of Existing Spill Trap & Re-construction					
BC1200-97	Box Culvert extg [middle area/north Bridge A1] - Excavation to FEL, (Cell 3 & Cell 4)	10d	21-Jan-16 A	23-Feb-16 A	100%
BC1200-77	Box Culvert extg [middle area/north Bridge A1] - Excavation to FEL, (Cell 1 & Cell 2)	12d	26-Jan-16 A	23-Feb-16 A	100%
Stage 3 - Construction of Cell 1 & Cell 2 / Cell 3 & Cell 4					
BC1200-117	Box Culvert extg [middle area/north Bridge A1] - RC works, Base slab (formworks, rebar, concrete)	12d	24-Feb-16 A	07-Mar-16 A	100%
BC1200-147	Box Culvert extg [middle area/north Bridge A1] - RC works, Wall (formworks, rebar, concrete)	12d	08-Mar-16 A	11-Apr-16	50%
BC1200-137	Box Culvert extg [middle area/north Bridge A1] - RC works Top slab (formworks, rebar, concrete)	12d	12-Apr-16	25-Apr-16	0%
Stage 4 - Reinstatement					
Reinstatement of Cell 3 & Cell 4(narrow channel)					
BC1200-14	Box Culvert extg [middle area/north Bridge A1] - RC Wall structure, (rebar fixing (incl. RE-500 drilling), Stage 1	10d	26-Apr-16	07-May-16	0%
BC1200-15	Box Culvert extg [middle area/north Bridge A1] - RC Wall structure, (rebar fixing (incl. RE-500 drilling), Stage 2	10d	09-May-16	20-May-16	0%
BC1200-16	Box Culvert extg [middle area/north Bridge A1] - RC Wall structure, (formworks, concreting)	6d	21-May-16	27-May-16	0%
BC1200-17	Box Culvert extg [middle area/north Bridge A1] - RC Top Slab structure, (rebar, formworks, concrete)	16d	28-May-16	16-Jun-16	0%
Reinstatement of Cell 1 & Cell 2(narrow channel)					
BC1200-54	Box Culvert extg [middle area/north Bridge A1] - Isolation panel relocation	7d	21-May-16	28-May-16	0%
BC1200-24	Box Culvert extg [middle area/north Bridge A1] - RC Wall structure, (rebar, formworks, concrete)	13d	30-May-16	14-Jun-16	0%
BC1200-34	Box Culvert extg [middle area/north Bridge A1] - RC Top Slab structure, (rebar, formworks, concrete)	9d	15-Jun-16	24-Jun-16	0%
WORKS IN NORTH AREA - CH 15+500 to CH 16+223 (HKLR AT GRADE & ROADWORKS)					
Reclamation SWCH 1+400 to SWCH 1+830 (incl. Approach Lights Area, 430m Approx.)					
Reclamation SWCH 1+400 to SWCH 1+590)(incl. PR09 Temp. Diversion Area)					
Reclamation SWCH 1+500 to 1+590 (Except PR09 Temp. Diversion Area)					
RSC1070-75	North Area(except Portion C&D) - Surcharge load (sub-zone 10-1, except PR9 Temp. diversion), 3rd month	30d	04-Feb-16 A	06-Mar-16 A	100%
RSC1070-85	North Area(except Portion C&D) - Surcharge load (sub-zone 10-1, except Pr9 Temp. diversion), 4th month	30d	07-Mar-16 A	06-Apr-16	37%
RSC1070-95	North Area(except Portion C&D) - Remove surcharge + compaction (sub-zone 10-1, except PR9 Temp. diversion)	30d	07-Apr-16	12-May-16	0%
RSC1070-105	North Area(except Portion C&D) - Remove toe loading (sub-zone 10-1, except PR9 Temp. diversion)	30d	13-May-16	18-Jun-16	0%
Reclamation SWCH 1+590 to 1+830 (including Approach Lights Area)					
Reclamation SWCH 1+590 to 1+750 (Approach Lights Area - Area 2)					
RSC1070-001	North Area(except Portion C&D) - HKIA Works permit and approval (Area 11 Approach Lights Area)	45d	20-Jul-15 A	10-Feb-16 A	100%
RSC1070-5	North Area(except Portion C&D) - Forming surcharge +8.5mPD,(Approach lights area) [11,151 of 11,151m3]	12d	11-Feb-16 A	06-Apr-16	5%
RSC1070-6	North Area(except Portion C&D) - Surcharge loading period (Approach lights area), 1st month	30d	07-Apr-16	06-May-16	0%
RSC1070-7	North Area(except Portion C&D) - Surcharge loading period (Approach lights area), 2nd month	30d	07-May-16	05-Jun-16	0%
RSC1070-8	North Area(except Portion C&D) - Surcharge loading period (Approach lights area), 3rd month	30d	06-Jun-16	05-Jul-16	0%
Reclamation SWCH 1+750 to 1+830 (North Remaining Area)					
RSC1070-270	North Area(except Portion C&D) - Surcharge loading period (sub-zone 11-2), 2nd month	30d	18-Jan-16 A	17-Feb-16 A	100%
RSC1070-280	North Area(except Portion C&D) - Surcharge loading period (sub-zone 11-2) 3rd month	30d	18-Feb-16 A	17-Mar-16 A	100%
RSC1070-115	North Area(except Portion C&D) - Surcharge removal (sub-zone 11-1), 1st half	15d	20-Feb-16 A	08-Mar-16 A	100%
RSC1070-135	North Area(except Portion C&D) - Surcharge removal (sub-zone 11-1), 2nd half	15d	09-Mar-16 A	31-Mar-16	50%
RSC1070-290	North Area(except Portion C&D) - Surcharge loading period (sub-zone 11-2) 4th month	30d	18-Mar-16 A	17-Apr-16	1%
RSC1070-250	North Area(except Portion C&D) - Surcharge removal (sub-zone 11-2-adjacent to approach lights area)	10d	18-Apr-16	28-Apr-16	0%
"Zone D" - Portion C & D1 From SWCH1+830 to SWCH 2+070					
Surcharge					
RSC1186	North area Portion C - Surcharge load [sub-zone 13], (6th month / 6 months)	30d	18-Jan-16 A	17-Feb-16 A	100%
RSC1158	North area Portion C - Surcharge removal [sub-zone 13], 1st half	25d	31-Mar-16	29-Apr-16	0%
RSC1157	North area Portion C - Surcharge removal [sub-zone 13], 2nd half	25d	30-Apr-16	31-May-16	0%
RSC1168	Removal of surcharge Sub-zone 13-2 & 12, 14th part	30d	01-Jun-16	07-Jul-16	0%
Portion D1					
Mini Pile					
MAS1845	Interface w/CE13/2010(CE) - prebored H-pile 40/40	14d	09-Jan-16 A	20-Feb-16 A	100%
Retaining Structure (RA2 - RA6)					
RA1000	RA6 - Base slab (Formwork, Rebar and concreting)	10d	28-Jan-16 A	15-Feb-16 A	100%
RA1020	RA5 - Base slab (Formwork, Rebar and concreting)	10d	17-Feb-16 A	23-Feb-16 A	100%
RA1040	RA4 - Base slab (Formwork, Rebar and concreting)	10d	01-Mar-16 A	07-Mar-16 A	100%
RA1080	RA2 - Base slab (Formwork, Rebar and concreting)	10d	03-Mar-16 A	09-Mar-16 A	100%
RA1060	RA3 - Base slab (Formwork, Rebar and concreting)	10d	11-Mar-16 A	17-Mar-16 A	100%
RA1090	RA2 - Wall Stem (Formwork, Rebar and concreting)	6d	07-Apr-16	13-Apr-16	0%
RA1070	RA3 - Wall Stem (Formwork, Rebar and concreting)	7d	14-Apr-16	21-Apr-16	0%
RA1050	RA4 - Wall Stem (Formwork, Rebar and concreting)	7d	29-Apr-16	07-May-16	0%
RA1010	RA5 - Wall Stem (Formwork, Rebar and concreting)	7d	09-May-16	17-May-16	0%
RA1030	RA6 - Wall Stem (Formwork, Rebar and concreting)	7d	18-May-16	25-May-16	0%
Retaining Structure (RB2 - RB6)					
RB1020	RB5 - Base slab (Formwork, Rebar and concreting)	10d	21-Jan-16 A	19-Feb-16 A	100%



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

(April 2016 to June 2016)

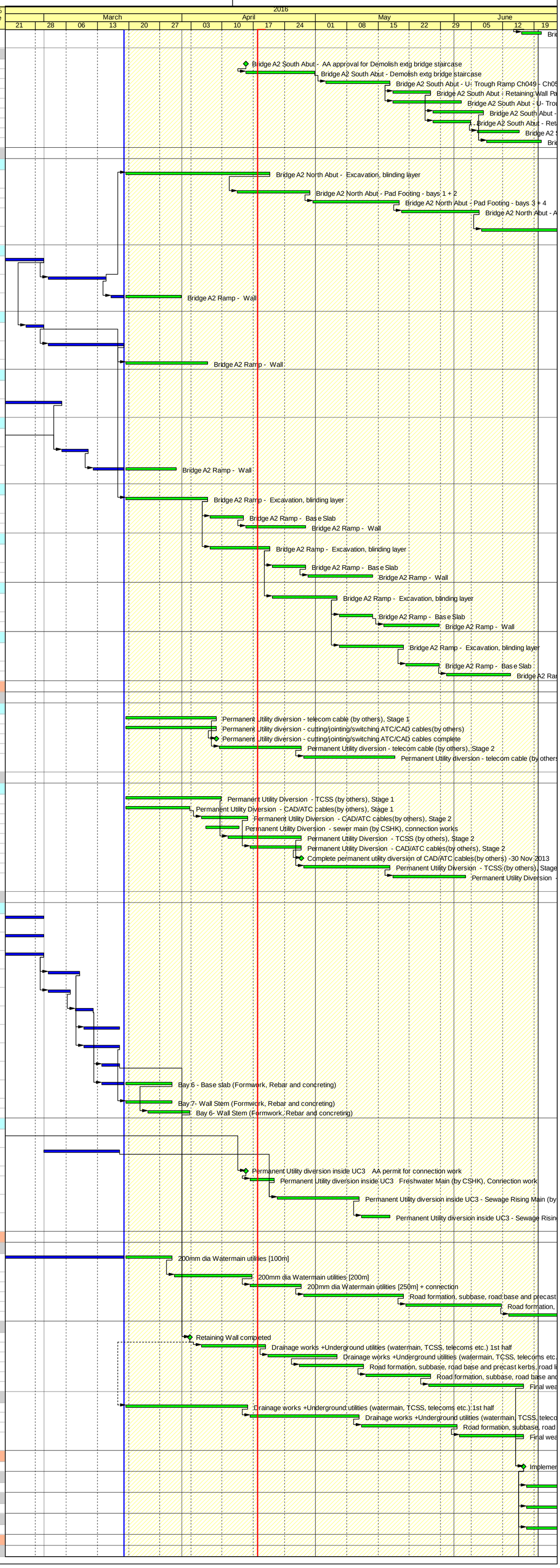
Activity ID	Activity Name	Dur. (days)	Start	Finish	Activity % Complete
RB1060	RB3 - Base slab (Formwork, Rebar and concreting)	10d	18-Feb-16 A	22-Feb-16 A	100%
RB1040	RB4 - Base slab (Formwork, Rebar and concreting)	10d	20-Feb-16 A	27-Feb-16 A	100%
RB1010	RB6 - Wall Stem (Formwork, Rebar and concreting)	4d	19-Mar-16	23-Mar-16	0%
RB1030	RB5 - Wall Stem (Formwork, Rebar and concreting)	4d	22-Mar-16	29-Mar-16	0%
RB1080	RB2 - Base slab (Formwork, Rebar and concreting)	4d	22-Mar-16	29-Mar-16	0%
RB1050	RB4 - Wall Stem (Formwork, Rebar and concreting)	6d	24-Mar-16	02-Apr-16	0%
RB1090	RB2 - Wall Stem (Formwork, Rebar and concreting)	12d	05-Apr-16	18-Apr-16	0%
RB1070	RB3 - Wall Stem (Formwork, Rebar and concreting)	6d	22-Apr-16	28-Apr-16	0%
Retaining Structure (R1 & R7)					
RA2000	R1 - Base slab (Formwork, Rebar and concreting)	10d	16-Mar-16 A	23-Mar-16	50%
RA2020	R7 - Base slab (Formwork, Rebar and concreting)	10d	19-Mar-16	02-Apr-16	0%
RA2010	R1 - RA side - Wall Stem (Formwork, Rebar and concreting)	7d	29-Mar-16	06-Apr-16	0%
RA2050	R7 - RB side - Wall Stem (Formwork, Rebar and concreting)	7d	05-Apr-16	12-Apr-16	0%
RA2040	R1 - RB side - Wall Stem (Formwork, Rebar and concreting)	7d	07-Apr-16	14-Apr-16	0%
RA2030	R7 - RA side - Wall Stem (Formwork, Rebar and concreting)	7d	26-May-16	02-Jun-16	0%
Reprovisioning Works					
Aeronautical Lights [4 nos. affected]					
AL.140	Aeronaut. Lights - Existing drawpit, cable and ducting inspection EM7 - EM8	3d	09-Mar-16 A	09-Mar-16 A	100%
AL.170	Aeronaut. Lights - Inspection report Submission	14d	10-Mar-16 A	23-Mar-16	100%
AL.180	Aeronaut. Lights - SOR and AA Approval	0d	14-Apr-16*		0%
AL.190	Utilities and Drainage work	12d	14-Apr-16	25-Apr-16	0%
Maintenance Access Subway bet. New Weather Station & Aeronautical Lights					
RAMP B (Existing Land Area)					
Bay B1					
MAS1490	Maint. Access Subway Ramp B, Bay B1 - Staircase (formworks, rebar fixing, concreting)	5d	10-Mar-16 A	15-Mar-16 A	100%
MAS1600	Maint. Access Subway Ramp B, Bay B1 - Staircase formworks removal	3d	16-Mar-16 A	17-Mar-16 A	100%
Bay B2					
MAS1265	Maint. Access Subway Ramp B, Bay B2 - Staircase (formworks, rebar fixing, concreting)	5d	10-Mar-16 A	15-Mar-16 A	100%
MAS1266	Maint. Access Subway Ramp B, Bay B2 - Staircase formworks removal	3d	16-Mar-16 A	17-Mar-16 A	100%
Bay B3					
MAS1230	Maint. Access Subway Ramp B, Bay B3 - Staircase (formworks, rebar fixing, concreting)	5d	10-Mar-16 A	15-Mar-16 A	100%
MAS1231	Maint. Access Subway Ramp B, Bay B3 - Staircase formworks removal	3d	16-Mar-16 A	17-Mar-16 A	100%
Bay B4					
MAS1190	Maint. Access Subway Ramp B, Bay B4 - Staircase (formworks, rebar fixing, concreting)	5d	10-Mar-16 A	15-Mar-16 A	100%
MAS1191	Maint. Access Subway Ramp B, Bay B4 - Staircase formworks removal	3d	16-Mar-16 A	17-Mar-16 A	100%
Bay B5					
MAS1150	Maint. Access Subway Ramp B, Bay B5 - Staircase (formworks, rebar fixing, concreting)	5d	10-Mar-16 A	15-Mar-16 A	100%
MAS1151	Maint. Access Subway Ramp B, Bay B5 - Staircase formworks removal	3d	16-Mar-16 A	17-Mar-16 A	100%
Bay B6					
MAS1110	Maint. Access Subway Ramp B, Bay B6 - Staircase (formworks, rebar fixing, concreting)	5d	10-Mar-16 A	15-Mar-16 A	100%
MAS1111	Maint. Access Subway Ramp B, Bay B6 - Staircase formworks removal	3d	16-Mar-16 A	17-Mar-16 A	100%
Subway					
Bay E2					
MAS1520	Maint. Access Subway Bay E2 - RC Wall + Top Slab (formworks, rebar fixing, concreting)	15d	13-Feb-16 A	23-Mar-16	70%
MAS1521	Maint. Access Subway Bay E2 - RC Wall + Top Slab (formworks removal)	4d	06-Apr-16	09-Apr-16	0%
Bay E1					
MAS1570	Maint. Access Subway Bay E1 - RC Wall + Top Slab (formworks, rebar fixing, concreting)	15d	13-Feb-16 A	23-Mar-16 A	100%
MAS1571	Maint. Access Subway Bay E1 - RC Wall + Top Slab (formworks removal)	4d	06-Apr-16	09-Apr-16	0%
RAMP A (Existing Land Area)					
Bay A1					
MAS1785	Maint. Access Subway Ramp A, Bay A1 - RC Wall + Top Slab formworks removal	3d	15-Feb-16 A	17-Feb-16 A	100%
MAS1795	Maint. Access Subway Ramp A, Bay A1 - Staircase (formworks, rebar fixing, concreting)	5d	12-Mar-16 A	17-Mar-16 A	100%
MAS1805	Maint. Access Subway Ramp A, Bay A1 - Staircase formworks removal	3d	18-Mar-16 A	19-Mar-16 A	100%
Bay A2					
MAS1705	Maint. Access Subway Ramp A, Bay A2 - RC Wall + Top Slab formworks removal	3d	15-Feb-16 A	17-Feb-16 A	100%
MAS1715	Maint. Access Subway Ramp A, Bay A2 - Staircase (formworks, rebar fixing, concreting)	5d	12-Mar-16 A	17-Mar-16 A	100%
MAS1725	Maint. Access Subway Ramp A, Bay A2 - Staircase formworks removal	3d	18-Mar-16 A	19-Mar-16 A	100%
Bay A3					
MAS1625	Maint. Access Subway Ramp A, Bay A3 - RC Wall + Top Slab formworks removal	3d	15-Feb-16 A	17-Feb-16 A	100%
MAS1635	Maint. Access Subway Ramp A, Bay A3 - Staircase (formworks, rebar fixing, concreting)	5d	12-Mar-16 A	17-Mar-16 A	100%
MAS1645	Maint. Access Subway Ramp A, Bay A3 - Staircase formworks removal	3d	18-Mar-16 A	19-Mar-16 A	100%
Bay A4					
MAS1575	Maint. Access Subway Ramp A, Bay A4 - Staircase (formworks, rebar fixing, concreting)	5d	12-Mar-16 A	17-Mar-16 A	100%
MAS1585	Maint. Access Subway Ramp A, Bay A4 - Staircase formworks removal	3d	18-Mar-16 A	19-Mar-16 A	100%
Bay A5					
MAS1515	Maint. Access Subway Ramp A, Bay A5 - Staircase (formworks, rebar fixing, concreting)	5d	12-Mar-16 A	17-Mar-16 A	100%
MAS1525	Maint. Access Subway Ramp A, Bay A5 - Staircase formworks removal	3d	18-Mar-16 A	19-Mar-16 A	100%
Bay A6					
MAS1470	Maint. Access Subway Ramp A, Bay A6 - Staircase (formworks, rebar fixing, concreting)	5d	12-Mar-16 A	17-Mar-16 A	100%
MAS1475	Maint. Access Subway Ramp A, Bay A6 - Staircase formworks removal	3d	18-Mar-16 A	19-Mar-16 A	100%
T001 / T002 ON GRADE ROADWORKS (Works under Section 1]					
TCSS & E&M					
CLP cable laying (by CLP)					
BA2.1205-325	CLP - excavation and cable laying Site Area 0 (60m)	0d	06-Apr-16*		0%
BA2.1205-335	CLP - excavation and cable laying Site Area 1 (250m)	0d	11-May-16*		0%
BA2.1205-495	CLP - excavation and cable laying Site Area 2 (100m)	0d	11-May-16*		0%
BA2.1205-505	CLP - excavation and cable laying Site Area 3 (380m)	0d	24-May-16*		0%
BA2.1205-515	CLP - excavation and cable laying Site Area 4 (320m)	0d	25-May-16*		0%
BA2.1205-525	CLP - excavation and cable laying Site Area 5 (300m)	0d	26-May-16*		0%
BA2.1205-535	CLP - excavation and cable laying Site Area 6 (300m)	0d	26-May-16*		0%
Interface w/ HY/2010/02- 16+045 to 16+223.24					
A23730	LR SH-HKBCF [north area-Portion C] - Temporary work for Pump Sump P/S SPS7, Delivery of sheet piles & mobilization work	15d	10-Aug-15 A	09-Apr-16	30%
A237301	LR SH-HKBCF [north area-Portion C] - Temporary work for Pump Sump P/S SPS7, Sheet piles installation, Stage 1	16d	11-Apr-16	28-Apr-16	0%
A237302	LR SH-HKBCF [north area-Portion C] - Temporary work for Pump Sump P/S SPS7, Sheet piles installation, Stage 2	16d	29-Apr-16	19-May-16	0%
A237401	LR SH-HKBCF [north area-Portion C] - Temporary work for Pump Sump P/S SPS7, Sheet piles installation, Stage 3	15d	20-May-16	06-Jun-16	0%
A237402	LR SH-HKBCF [north area-Portion C] - Excavation for Pump Sump P/S SPS7, 1st Stage	15d	07-Jun-16	24-Jun-16	0%
New Carriageway & Modification of Existing Roads					
New Carriageway adjacent to HKIA (new NB Road)					
Permanent Uilities Diversion					
NCW1140	New carriageway [north area] - Site clearance; HKIA flight info. portals, service utilities, furniture removal	12d	07-Jun-16*	21-Jun-16	0%
NB AIRPORT ROAD WORKS (INCL. BA2) - under Section 2 (Middle to North Area)					
Works in Bridge A2, under Stage 2 TTA, Diversion of SB Airport Rd (Works under Section 2)					
BA2- Foundation & Pier B1, B2					
BA2.1200-14	Bridge A2 Piers - Prebored h-piles B2	12d	28-Jan-16 A	18-Feb-16 A	100%
BA2.1200-24	Bridge A2 Piers - Prebored h-piles Pile Test	12d	19-Feb-16 A	04-Mar-16 A	100%
BA2.1200-34	Bridge A2 Piers - Prebored h-piles Pile Cap, B1 & B2 - Excavation	12d	05-Mar-16 A	02-Apr-16	70%
BA2.1200-54	Bridge A2 Piers - Prebored h-piles Pile Cap, B1 - Fwk, Rebar and Concreting	8d	23-Mar-16	05-Apr-16	0%
BA2.1200-64	Bridge A2 Piers - Prebored h-piles Pile Cap, B2 - Fwk, Rebar and Concreting	8d	05-Apr-16	13-Apr-16	0%
BA2.1200-74	Bridge A2 Piers - Prebored h-piles Pile Cap, B1 - Backfilling	7d	06-Apr-16	13-Apr-16	0%
BA2.1200-84	Bridge A2 Piers - Prebored h-piles Pile Cap, B2 - Backfilling	7d	14-Apr-16	21-Apr-16	0%
BA2.1200-184	Bridge A2 Piers - Prebored h-piles Pile Cap, B1 - Diameter Pier B1 Fwk, Rebar and Concreting (1st lift)	12d	14-Apr-16	27-Apr-16	0%
BA2.1200-204	Bridge A2 Piers - Prebored h-piles Pile Cap, B2 - Diameter Pier B1 Fwk, Rebar and Concreting (1st lift)	12d	22-Apr-16	06-May-16	0%
BA2.1200-194	Bridge A2 Piers - Prebored h-piles Pile Cap, B1 - Diameter Pier B1 Fwk, Rebar and Concreting (2nd lift)	12d	28-Apr-16	12-May-16	0%
BA2.1200-214	Bridge A2 Piers - Prebored h-piles Pile Cap, B2 - Diameter Pier B1 Fwk, Rebar and Concreting (2nd lift)	12d	07-May-16	21-May-16	0%
BA2- Bridge Deck					
Span B2-B3					
BA2.1830-138	Bridge A2 - Construct Bridge deck, span B2-B3 - (Base) Falsework	4d	23-May-16	26-May-16	0%
BA2.1830-118	Bridge A2 - Construct Bridge deck, span B2-B3 (Base) Formwork	7d	26-May-16	02-Jun-16	0%
BA2.1830-128	Bridge A2 - Construct Bridge deck, span B2-B3 (Base) Steel bar + Concreting	7d	03-Jun-16	11-Jun-16	0%
BA2.1830-168	Bridge A2 - Construct Bridge deck, span B2-B3 - (Top+Web) Falsework	3d	08-Jun-16	11-Jun-16	0%
BA2.1830-148	Bridge A2 - Construct Bridge deck, span B2-B3 (Top+Web) Formwork	4d	13-Jun-16	16-Jun-16	0%



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

(April 2016 to June 2016)

Activity ID	Activity Name	Dur. (days)	Start	Finish	Activity % Complete
BA2.1830-158	Bridge A2 - Construct Bridge deck, span B2-B3 (Top+Web) Steel bar + Concreting	4d	16-Jun-16	20-Jun-16	0%
BA2 -South Abutment and Ramp					
BA2.1205-345	Bridge A2 South Abut - AA approval for Demolish extg bridge staircase	0d	15-Apr-16*		0%
BA2.1205-365	Bridge A2 South Abut - Demolish extg bridge staircase	14d	15-Apr-16	30-Apr-16	0%
BA2.1205-405	Bridge A2 South Abut - U- Trough Ramp Ch049 - Ch056 - Base Slab	12d	03-May-16	17-May-16	0%
BA2.1205-375	Bridge A2 South Abut - Retaining Wall Panel1- Base Slab	8d	18-May-16	26-May-16	0%
BA2.1205-475	Bridge A2 South Abut - U- Trough Ramp Ch049 - Ch056 - Wall Stem	14d	18-May-16	02-Jun-16	0%
BA2.1205-415	Bridge A2 South Abut - Retaining Wall Panel1 - Well Stem	10d	27-May-16	07-Jun-16	0%
BA2.1205-435	Bridge A2 South Abut - Retaining Wall Panel2- Base Slab	8d	27-May-16	04-Jun-16	0%
BA2.1205-455	Bridge A2 South Abut - Retaining Wall Panel3- Base Slab	8d	06-Jun-16	15-Jun-16	0%
BA2.1205-445	Bridge A2 South Abut - Retaining Wall Panel2- Well Stem	10d	08-Jun-16	20-Jun-16	0%
BA2 -North Abutment and Ramp					
North Abutment					
BA2.1205-225	Bridge A2 North Abut - Excavation, blinding layer	24d	19-Mar-16	20-Apr-16	0%
BA2.1205-245	Bridge A2 North Abut - Pad Footing - bays 1 + 2	15d	13-Apr-16	29-Apr-16	0%
BA2.1205-285	Bridge A2 North Abut - Pad Footing - bays 3 + 4	15d	30-Apr-16	19-May-16	0%
BA2.1205-255	Bridge A2 North Abut - Abutment Wall Stem, 1st lift (Falsework, fwk, rebar)	15d	20-May-16	06-Jun-16	0%
BA2.1205-545	Bridge A2 North Abut - Abutment Wall Stem, 1st lift (fwk, rebar concreting)	15d	07-Jun-16	24-Jun-16	0%
Bay 1 + 1A					
BA2.1205-3	Bridge A2 Ramp - Excavation, blinding layer	12d	20-Feb-16 A	01-Mar-16 A	100%
BA2.1205-4	Bridge A2 Ramp - Base Slab	7d	02-Mar-16 A	15-Mar-16 A	100%
BA2.1205-5	Bridge A2 Ramp - Wall	12d	16-Mar-16 A	31-Mar-16	33%
Bay 2					
BA2.1205-15	Bridge A2 Ramp - Excavation, blinding layer	12d	26-Feb-16 A	01-Mar-16 A	100%
BA2.1205-25	Bridge A2 Ramp - Base Slab	7d	02-Mar-16 A	19-Mar-16 A	100%
BA2.1205-35	Bridge A2 Ramp - Wall	12d	19-Mar-16	06-Apr-16	0%
Bay 3					
BA2.1205-55	Bridge A2 Ramp - Base Slab	7d	27-Jan-16 A	16-Feb-16 A	100%
BA2.1205-65	Bridge A2 Ramp - Wall	12d	17-Feb-16 A	05-Mar-16 A	100%
Bay 4					
BA2.1205-105	Bridge A2 Ramp - Excavation, blinding layer	12d	09-Jan-16 A	18-Feb-16 A	100%
BA2.1205-115	Bridge A2 Ramp - Base Slab	7d	05-Mar-16 A	11-Mar-16 A	100%
BA2.1205-125	Bridge A2 Ramp - Wall	12d	12-Mar-16 A	30-Mar-16	42%
Bay 5					
BA2.1205-75	Bridge A2 Ramp - Excavation, blinding layer	12d	19-Mar-16 A	06-Apr-16	0%
BA2.1205-85	Bridge A2 Ramp - Base Slab	7d	07-Apr-16	14-Apr-16	0%
BA2.1205-95	Bridge A2 Ramp - Wall	12d	15-Apr-16	28-Apr-16	0%
Bay 6					
BA2.1205-165	Bridge A2 Ramp - Excavation, blinding layer	12d	07-Apr-16	20-Apr-16	0%
BA2.1205-175	Bridge A2 Ramp - Base Slab	7d	21-Apr-16	28-Apr-16	0%
BA2.1205-185	Bridge A2 Ramp - Wall	12d	29-Apr-16	13-May-16	0%
Bay 7					
BA2.1205-195	Bridge A2 Ramp - Excavation, blinding layer	12d	21-Apr-16	05-May-16	0%
BA2.1205-205	Bridge A2 Ramp - Base Slab	7d	06-May-16	13-May-16	0%
BA2.1205-215	Bridge A2 Ramp - Wall	12d	16-May-16	28-May-16	0%
Bay 8					
BA2.1205-135	Bridge A2 Ramp - Excavation, blinding layer	12d	06-May-16	20-May-16	0%
BA2.1205-145	Bridge A2 Ramp - Base Slab	7d	21-May-16	28-May-16	0%
BA2.1205-155	Bridge A2 Ramp - Wall	12d	30-May-16	13-Jun-16	0%
Utility Culverts 1, 2 & 3 (Works under Section 2)					
Utility Culvert No. 1 Ext. across the road leading to Cheong Hong Road [48m Approx.]-1					
Permanent Utility Diversion inside UC 1					
UC1.1114	Permanent Utility diversion - telecom cable (by others), Stage 1	14d	19-Mar-16*	08-Apr-16	0%
UC1.1115	Permanent Utility diversion - cutting/jointing/switching ATC/CAD cables(by others)	14d	19-Mar-16*	08-Apr-16	0%
UC1.1116	Permanent Utility diversion - cutting/jointing/switching ATC/CAD cables complete	0d		08-Apr-16	0%
UC1.1163	Permanent Utility diversion - telecom cable (by others), Stage 2	16d	09-Apr-16	27-Apr-16	0%
UC1.1173	Permanent Utility diversion - telecom cable (by others), Stage 3	16d	28-Apr-16	18-May-16	0%
Utility Culvert No. 2 Ext. near Bridge A2 [15m Approx.] (Works under Section 2)					
Permanent Utility Diversion inside UC2					
UC2.1058	Permanent Utility Diversion - TCSS (by others), Stage 1	15d	19-Mar-16*	09-Apr-16	0%
UC2.1059	Permanent Utility Diversion - CAD/ATC cables(by others), Stage 1	10d	19-Mar-16*	02-Apr-16	0%
UC2.10591	Permanent Utility Diversion - CAD/ATC cables(by others), Stage 2	10d	05-Apr-16	15-Apr-16	0%
UC2.10525	Permanent Utility Diversion - sewer main (by CSHK), connection works	7d	06-Apr-16*	13-Apr-16	0%
UC2.10581	Permanent Utility Diversion - TCSS (by others), Stage 2	15d	11-Apr-16	27-Apr-16	0%
UC2.10592	Permanent Utility Diversion - CAD/ATC cables(by others), Stage 2	10d	16-Apr-16	27-Apr-16	0%
UC2.1061	Complete permanent utility diversion of CAD/ATC cables(by others) -30 Nov 2013	0d		27-Apr-16	0%
UC2.10582	Permanent Utility Diversion - TCSS (by others), Stage 3	15d	28-Apr-16	17-May-16	0%
UC2.105241	Permanent Utility Diversion - TCSS (by others), Stage 4	15d	18-May-16	03-Jun-16	0%
Utility Culvert No. 3 and Permanent Utility Diversion for Stage 3 TTA					
Backfilling and Retaining Structure					
RET11010	Bay 1 - Wall Stem (Formwork, Rebar and concreting)	12d	05-Feb-16 A	01-Mar-16 A	100%
RET11050	Bay 3 - Wall stem(Formwork, Rebar and concreting)	12d	05-Feb-16 A	01-Mar-16 A	100%
RET11080	Bay 5 - Base slab (Formwork, Rebar and concreting)	10d	05-Feb-16 A	01-Mar-16 A	100%
RET11070	Bay 4 - Base slab (Formwork, Rebar and concreting)	10d	02-Mar-16 A	09-Mar-16 A	100%
RET11090	Bay 5- Wall Stem (Formwork, Rebar and concreting)	6d	02-Mar-16 A	07-Mar-16 A	100%
RET11020	Bay 2 - Base slab (Formwork, Rebar and concreting)	10d	08-Mar-16 A	12-Mar-16 A	100%
RET11060	Bay 4 - Wall Stem (Formwork, Rebar and concreting)	6d	10-Mar-16 A	18-Mar-16 A	100%
RET11120	Bay 7- Base Slab (Formwork, Rebar and concreting)	10d	10-Mar-16 A	18-Mar-16 A	100%
RET11030	Bay 2 - Wall Stem (Formwork, Rebar and concreting)	6d	14-Mar-16 A	18-Mar-16 A	100%
RET11100	Bay 6 - Base slab (Formwork, Rebar and concreting)	10d	14-Mar-16 A	29-Mar-16	40%
RET11130	Bay 7- Wall Stem (Formwork, Rebar and concreting)	6d	19-Mar-16	29-Mar-16	0%
RET11110	Bay 6- Wall Stem (Formwork, Rebar and concreting)	6d	24-Mar-16	02-Apr-16	0%
Permanent Utilities Diversion inside UC3					
A2690-5	Permanent Utility diversion inside UC3 Freshwater Main (by CSHK), pipe laying - Stage 5	15d	21-Jan-16 A	17-Feb-16 A	100%
A2680-4	Permanent Utility diversion inside UC3 - Sewage Rising Main (by CSHK), pipe laying - Stage 4	15d	01-Mar-16 A	18-Mar-16 A	100%
A2690-6	Permanent Utility diversion inside UC3 AA permit for connection work	0d	15-Apr-16*		0%
A2690-16	Permanent Utility diversion inside UC3 Freshwater Main (by CSHK), Connection work	5d	16-Apr-16	21-Apr-16	0%
A2680-5	Permanent Utility diversion inside UC3 - Sewage Rising Main (by CSHK), pipe laying - Stage 5	15d	22-Apr-16	10-May-16	0%
A2680-6	Permanent Utility diversion inside UC3 - Sewage Rising Main (by CSHK), air test/pressure test	5d	11-May-16	17-May-16	0%
Roadworks to be constructed under Stage 2 TTA					
M003 Ch 0+400 to 0+800 (Permanent), L=400m					
A2860-1	200mm dia Watermain utilities [100m]	15d	04-Dec-15 A	29-Mar-16	30%
A2860-14	200mm dia Watermain utilities [200m]	15d	30-Mar-16	16-Apr-16	0%
A2860-24	200mm dia Watermain utilities [250m] + connection	10d	16-Apr-16	27-Apr-16	0%
A2870	Road formation, subbase, road base and precast kerbs, road lighting poles - 1st half	18d	28-Apr-16	20-May-16	0%
A237824	Road formation, subbase, road base and precast kerbs, road lighting poles - 2nd half	18d	21-May-16	11-Jun-16	0%
A2880	Final wearing course and road marking and traffic signs, road lighting lamps & T&C	21d	13-Jun-16	07-Jul-16	0%
M001 Ch 0+550 to 0+981 (UC3 Area) (Permanent), L=431m					
A3120	Retaining Wall completed	0d		02-Apr-16	0%
A3130	Drainage works +Underground utilities (watermain, TCSS, telecoms etc.) 1st half	13d	05-Apr-16	19-Apr-16	0%
A237804	Drainage works +Underground utilities (watermain, TCSS, telecoms etc.) 2nd half	13d	20-Apr-16	05-May-16	0%
A3150	Road formation, subbase, road base and precast kerbs, road lighting poles 1st half	12d	27-Apr-16	11-May-16	0%
A237814	Road formation, subbase, road base and precast kerbs, road lighting poles 2nd half	12d	12-May-16	26-May-16	0%
A3140	Final wearing course and road marking and traffic signs, road lighting lamps & T&C	18d	26-May-16	16-Jun-16	0%
Temporary Slip Road (3 lanes going NB Airport Rd to T1 & T2)					
A2890	Drainage works +Underground utilities (watermain, TCSS, telecoms etc.) 1st half	20d	19-Mar-16	15-Apr-16	0%
A237794	Drainage works +Underground utilities (watermain, TCSS, telecoms etc.) 2nd half	20d	16-Apr-16	10-May-16	0%
A2900	Road formation, subbase, road base and precast kerbs, road lighting poles	18d	11-May-16	01-Jun-16	0%
A2910	Final wearing course and road marking and traffic signs, road lighting lamps & T&C	12d	02-Jun-16	16-Jun-16	0%
Roadworks to be constructed under Stage 3 TTA					
A2670	Implement Stage 3 TTA (exact alignment TBC)	0d		16-Jun-16	0%
M003 Ch 0+800 to 1+200					
A3050	Drainage works +Underground utilities (watermain, TCSS, telecoms etc.)	72d	17-Jun-16	09-Sep-16	0%
M005 Ch 0+000 to 0+200, (Permanent) L= 200m (after HAT Ramp)					
A2950	Drainage works +Underground utilities (watermain, TCSS, telecoms etc.)	72d	17-Jun-16	09-Sep-16	0%
Temporary Slip Road (going NB Airport Rd to T1 & T2)					
A3010	Drainage works	24d	17-Jun-16	15-Jul-16	0%
Remaining Permanent Roadworks under diff. TTA Schemes					
M002 connection to existing road					



FILE: 3M47 (Rev.00)

Sheet 11 of 12

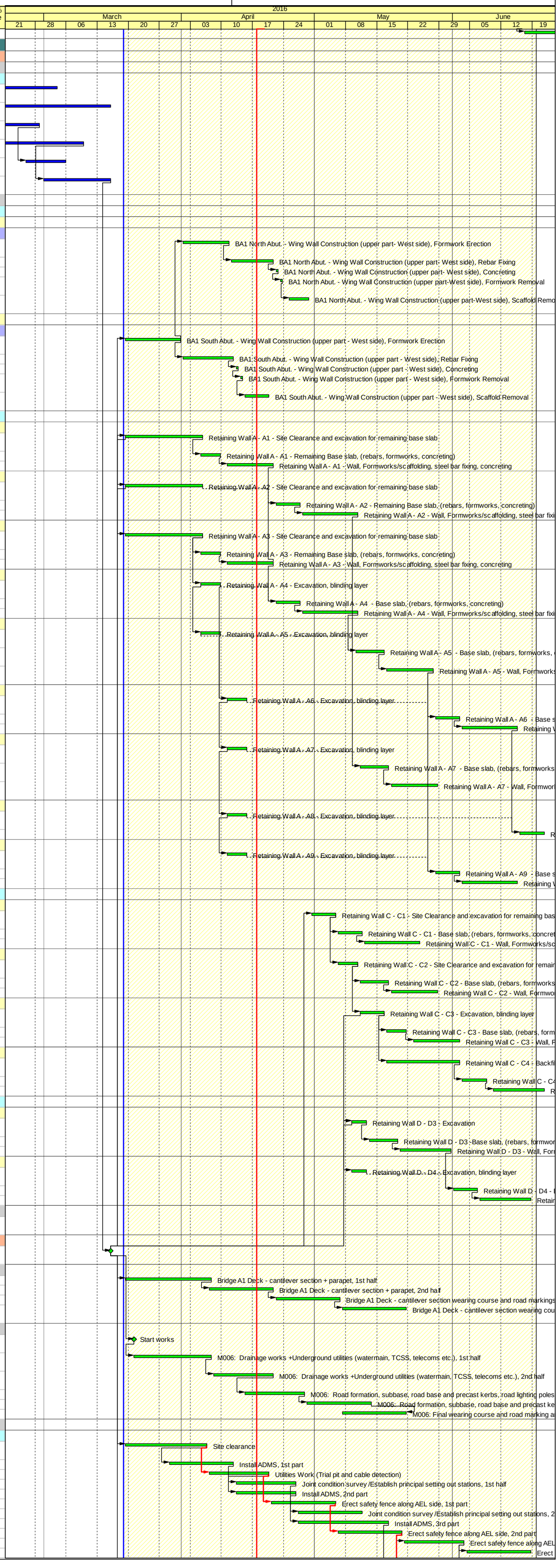
3-Months Rolling Programme (ER Part 5 & SCC 27(9))

(April 2016 to June 2016)

Layout ZMB - Layout 1 (3M Rolling Prog)(3M47)

TASK filters: 3M47, HZMB No Level Effort.

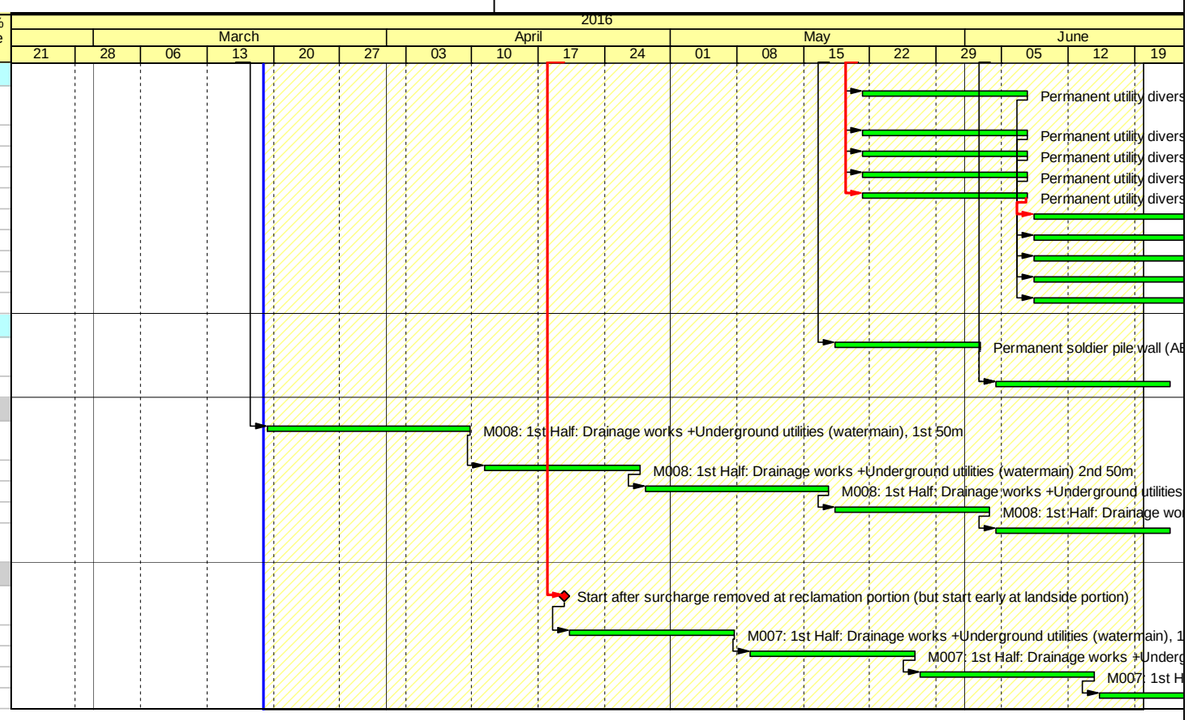
Activity ID	Activity Name	Dur. (days)	Start	Finish	Activity % Complete
A3080	Implement TTA (exact alignment TBC)	24d	17-Jun-16	15-Jul-16	0%
EAST COAST ROAD WORKS (INCL. BA1 & DEP. RD.) - under Section 2 (Middle to North Area)					
Works to be constructed under Stage 1 TTA (divert traffic to existing ECR NB RD/ Future M008)					
Modification of Existing Retaining Wall at ECR SB					
Construct M010 Ch 0+100 to Ch 0+325, L=225m					
A237554	Backfilling at South Abut. and Ramp for Stage 3 TTA (Up to Rd F.L.)	12d	30-Dec-15 A	04-Mar-16 A	100%
A237534	Road surface work at South Abut. and Ramp for Stage 3 TTA	12d	14-Jan-16 A	16-Mar-16 A	100%
A237574	Backfilling at North Abut. and Ramp for Stage 3 TTA (Up to Rd F.L.)	12d	14-Jan-16 A	29-Feb-16 A	100%
A237484	Site clearance and Utilities Work	12d	15-Feb-16 A	10-Mar-16 A	100%
A237544	Road surface work at North Abut. and Ramp for Stage 3 TTA	7d	26-Feb-16 A	06-Mar-16 A	100%
A22310	Site Clearance and Road reinstatement works for Stage 3 TTA	7d	01-Mar-16 A	16-Mar-16 A	100%
Works in Bridge A1 & Depressed Road					
Bridge A1 - Abutment Construction					
North Abutment					
Wall Construction (Upper Part)					
BA1.1020-70	BA1 North Abut. - Wing Wall Construction (upper part- West side), Formwork Erection	8d	01-Apr-16	11-Apr-16	0%
BA1.1020-80	BA1 North Abut. - Wing Wall Construction (upper part- West side), Rebar Fixing	9d	12-Apr-16	21-Apr-16	0%
BA1.1020-90	BA1 North Abut. - Wing Wall Construction (upper part- West side), Concreting	1d	22-Apr-16	22-Apr-16	0%
BA1.1020-100	BA1 North Abut. - Wing Wall Construction (upper part-West side), Formwork Removal	1d	23-Apr-16	23-Apr-16	0%
BA1.1020-110	BA1 North Abut. - Wing Wall Construction (upper part-West side), Scaffold Removal	5d	25-Apr-16	29-Apr-16	0%
South Abutment					
Wall Construction (Upper Part)					
BA1.1020-120	BA1 South Abut. - Wing Wall Construction (upper part - West side), Formwork Erection	8d	19-Mar-16	31-Mar-16	0%
BA1.1020-130	BA1 South Abut. - Wing Wall Construction (upper part - West side), Rebar Fixing	9d	01-Apr-16	12-Apr-16	0%
BA1.1020-140	BA1 South Abut. - Wing Wall Construction (upper part - West side), Concreting	1d	13-Apr-16	13-Apr-16	0%
BA1.1020-150	BA1 South Abut. - Wing Wall Construction (upper part - West side), Formwork Removal	1d	14-Apr-16	14-Apr-16	0%
BA1.1020-160	BA1 South Abut. - Wing Wall Construction (upper part - West side), Scaffold Removal	5d	15-Apr-16	20-Apr-16	0%
Retaining Wall A(Bay 1 to Bay 9)					
Bay A1					
BA1.1023-28	Retaining Wall A - A1 - Site Clearance and excavation for remaining base slab	6d	19-Mar-16 A	05-Apr-16	50%
BA1.1022-162	Retaining Wall A - A1 - Remaining Base slab, (rebars, formworks, concreting)	5d	05-Apr-16	09-Apr-16	0%
BA1.1022-151	Retaining Wall A - A1 - Wall, Formworks/scaffolding, steel bar fixing, concreting	10d	11-Apr-16	21-Apr-16	0%
Bay A2					
BA1.1023-38	Retaining Wall A - A2 - Site Clearance and excavation for remaining base slab	6d	19-Mar-16 A	05-Apr-16	50%
BA1.1022-172	Retaining Wall A - A2 - Remaining Base slab, (rebars, formworks, concreting)	5d	22-Apr-16	27-Apr-16	0%
BA1.1022-182	Retaining Wall A - A2 - Wall, Formworks/scaffolding, steel bar fixing, concreting	10d	28-Apr-16	10-May-16	0%
Bay A3					
BA1.1023-48	Retaining Wall A - A3 - Site Clearance and excavation for remaining base slab	6d	19-Mar-16 A	05-Apr-16	50%
BA1.1022-192	Retaining Wall A - A3 - Remaining Base slab, (rebars, formworks, concreting)	5d	05-Apr-16	09-Apr-16	0%
BA1.1022-202	Retaining Wall A - A3 - Wall, Formworks/scaffolding, steel bar fixing, concreting	10d	11-Apr-16	21-Apr-16	0%
Bay A4					
BA1.1024-1	Retaining Wall A - A4 - Excavation, blinding layer	5d	05-Apr-16	09-Apr-16	0%
BA1.1024-3	Retaining Wall A - A4 - Base slab, (rebars, formworks, concreting)	5d	22-Apr-16	27-Apr-16	0%
BA1.1024-31	Retaining Wall A - A4 - Wall, Formworks/scaffolding, steel bar fixing, concreting	10d	28-Apr-16	10-May-16	0%
Bay A5					
BA1.1024-41	Retaining Wall A - A5 - Excavation, blinding layer	5d	05-Apr-16	09-Apr-16	0%
BA1.1024-51	Retaining Wall A - A5 - Base slab, (rebars, formworks, concreting)	5d	10-May-16	16-May-16	0%
BA1.1024-61	Retaining Wall A - A5 - Wall, Formworks/scaffolding, steel bar fixing, concreting	10d	17-May-16	27-May-16	0%
Bay A6					
BA1.1024-71	Retaining Wall A - A6 - Excavation, blinding layer	5d	11-Apr-16	15-Apr-16	0%
BA1.1024-81	Retaining Wall A - A6 - Base slab, (rebars, formworks, concreting)	5d	28-May-16	02-Jun-16	0%
BA1.1024-91	Retaining Wall A - A6 - Wall, Formworks/scaffolding, steel bar fixing, concreting	10d	03-Jun-16	15-Jun-16	0%
Bay A7					
BA1.1024-101	Retaining Wall A - A7 - Excavation, blinding layer	5d	11-Apr-16	15-Apr-16	0%
BA1.1024-111	Retaining Wall A - A7 - Base slab, (rebars, formworks, concreting)	5d	11-May-16	17-May-16	0%
BA1.1024-121	Retaining Wall A - A7 - Wall, Formworks/scaffolding, steel bar fixing, concreting	10d	18-May-16	28-May-16	0%
Bay A8					
BA1.1024-131	Retaining Wall A - A8 - Excavation, blinding layer	5d	11-Apr-16	15-Apr-16	0%
BA1.1024-141	Retaining Wall A - A8 - Base slab, (rebars, formworks, concreting)	5d	16-Jun-16	21-Jun-16	0%
Bay A9					
BA1.1024-161	Retaining Wall A - A9 - Excavation, blinding layer	5d	11-Apr-16	15-Apr-16	0%
BA1.1024-171	Retaining Wall A - A9 - Base slab, (rebars, formworks, concreting)	5d	28-May-16	02-Jun-16	0%
BA1.1024-181	Retaining Wall A - A9 - Wall, Formworks/scaffolding, steel bar fixing, concreting	10d	03-Jun-16	15-Jun-16	0%
Retaining Wall C(Bay 1 to Bay 4)					
Bay C1					
BA1.1022-102	Retaining Wall C - C1 - Site Clearance and excavation for remaining base slab	4d	30-Apr-16	05-May-16	0%
BA1.1022-43	Retaining Wall C - C1 - Base slab, (rebars, formworks, concreting)	5d	06-May-16	11-May-16	0%
BA1.1022-44	Retaining Wall C - C1 - Wall, Formworks/scaffolding, steel bar fixing, concreting	10d	12-May-16	24-May-16	0%
Bay C2					
BA1.1022-75	Retaining Wall C - C2 - Site Clearance and excavation for remaining base slab	4d	06-May-16	10-May-16	0%
BA1.1022-23	Retaining Wall C - C2 - Base slab, (rebars, formworks, concreting)	5d	11-May-16	17-May-16	0%
BA1.1022-24	Retaining Wall C - C2 - Wall, Formworks/scaffolding, steel bar fixing, concreting	10d	18-May-16	28-May-16	0%
Bay C3					
BA1.1022-30	Retaining Wall C - C3 - Excavation, blinding layer	4d	11-May-16	16-May-16	0%
BA1.1022-31	Retaining Wall C - C3 - Base slab, (rebars, formworks, concreting)	5d	17-May-16	21-May-16	0%
BA1.1022-32	Retaining Wall C - C3 - Wall, Formworks/scaffolding, steel bar fixing, concreting	10d	23-May-16	02-Jun-16	0%
Bay C4					
BA1.1022-1	Retaining Wall C - C4 - Backfilling works to formation	15d	17-May-16	02-Jun-16	0%
BA1.1022-2	Retaining Wall C - C4 - Base slab, (rebars, formworks, concreting)	5d	03-Jun-16	08-Jun-16	0%
BA1.1022-3	Retaining Wall C - C4 - Wall, Formworks/scaffolding, steel bar fixing, concreting	10d	10-Jun-16	21-Jun-16	0%
Retaining Wall D(Bay 1 to Bay 4)					
Bay D3					
BA1.1021-16	Retaining Wall D - D3 - Excavation	4d	09-May-16	12-May-16	0%
BA1.1020-21	Retaining Wall D - D3 -Base slab, (rebars, formworks, concreting)	5d	13-May-16	19-May-16	0%
BA1.1020-22	Retaining Wall D - D3 - Wall, Formworks/scaffolding, steel bar fixing, concreting	10d	20-May-16	31-May-16	0%
Bay D4					
BA1.1020-233	Retaining Wall D - D4 - Excavation, blinding layer	4d	09-May-16	12-May-16	0%
BA1.1020-243	Retaining Wall D - D4 - Base slab, (rebars, formworks, concreting)	5d	01-Jun-16	06-Jun-16	0%
BA1.1020-253	Retaining Wall D - D4 - Wall, Formworks/scaffolding, steel bar fixing, concreting	10d	07-Jun-16	18-Jun-16	0%
Utilitiy Culvert No.1					
UC1.11162	Util. Culvert No. 1 - Culvert structure extension - Ch18 - Ch36 - Wall and Roof	5d	05-Nov-15 A	18-Feb-16 A	100%
Works to be constructed under Stage 3 TTA (divert traffic to BA1 & ex. ECR SB RD/ Future M009)					
A4350	Implement Stage 3 TTA (TBC, including exact alignment)	0d		16-Mar-16 A	100%
BA1 - Cantilever Slab Area					
A3620	Bridge A1 Deck - cantilever section + parapet, 1st half	13d	19-Mar-16	07-Apr-16	0%
A3570	Bridge A1 Deck - cantilever section + parapet, 2nd half	13d	07-Apr-16	21-Apr-16	0%
A4360	Bridge A1 Deck - cantilever section wearing course and road markings	12d	22-Apr-16	06-May-16	0%
A4440	Bridge A1 Deck - cantilever section wearing course and road markings	12d	07-May-16	21-May-16	0%
Construct M006 (except entrance to ex. Tung Fai Rd)					
A4430	Start works	0d	21-Mar-16*		0%
A4411	M006: Drainage works +Underground utilities (watermain, TCSS, telecoms etc.), 1st half	12d	21-Mar-16	07-Apr-16	0%
A4610	M006: Drainage works +Underground utilities (watermain, TCSS, telecoms etc.), 2nd half	12d	08-Apr-16	21-Apr-16	0%
A4620	M006: Road formation, subbase, road base and precast kerbs, road lighting poles	12d	15-Apr-16	28-Apr-16	0%
A4621	M006: Road formation, subbase, road base and precast kerbs, road lighting poles	12d	29-Apr-16	13-May-16	0%
A4630	M006: Final wearing course and road marking and traffic signs, road lighting lamps & T&C	12d	07-May-16	21-May-16	0%
Stage 2 ELS - Permanent Soldier Pile Wall along AEL					
Initial Works					
A237594	Site clearance	12d	19-Mar-16	06-Apr-16	0%
A3952	Install ADMS, 1st part	12d	29-Mar-16	12-Apr-16	0%
A237604	Utilities Work (Trial pit and cable detection)	12d	07-Apr-16	20-Apr-16	0%
A3950	Joint condition survey /Establish principal setting out stations, 1st half	12d	13-Apr-16	26-Apr-16	0%
A3953	Install ADMS, 2nd part	12d	13-Apr-16	26-Apr-16	0%
A3939	Erect safety fence along AEL side, 1st part	12d	21-Apr-16	05-May-16	0%
A3951	Joint condition survey /Establish principal setting out stations, 2nd half	12d	27-Apr-16	11-May-16	0%
A3963	Install ADMS, 3rd part	16d	27-Apr-16	17-May-16	0%
A3940	Erect safety fence along AEL side, 2nd part'	12d	06-May-16	20-May-16	0%
A237614	Erect safety fence along AEL side, 3rd part'	12d	21-May-16	03-Jun-16	0%
A237624	Erect safety fence along AEL side, 4th part'	12d	04-Jun-16	18-Jun-16	0%



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

(April 2016 to June 2016)

Activity ID	Activity Name	Dur. (days)	Start	Finish	Activity % Complete
Utilities Permanent Diversion at BA1/Depressed Rd Area					
A3880	Permanent utility diversion - fresh water main (by CSHK), 1st Stage	15d	21-May-16	07-Jun-16	0%
A3900	Permanent utility diversion - gas main (by others), 1st Stage	15d	21-May-16	07-Jun-16	0%
A3840	Permanent utility diversion - telecom cable / CAD cable (by others), 1st Stage	15d	21-May-16	07-Jun-16	0%
A3850	Permanent utility diversion - TCSS cable (by others), 1st Stage	15d	21-May-16	07-Jun-16	0%
A3870	Permanent utility diversion - CLP cable civil prov. works, 1st stage	15d	21-May-16	07-Jun-16	0%
A3931	Permanent utility diversion - CLP cable civil prov. works, 1st stage	15d	08-Jun-16	25-Jun-16	0%
A3891	Permanent utility diversion - fresh water main (by CSHK), 1st Stage	15d	08-Jun-16	25-Jun-16	0%
A3930	Permanent utility diversion - gas main (by others), 1st Stage	15d	08-Jun-16	25-Jun-16	0%
A3911	Permanent utility diversion - telecom cable / CAD cable (by others), 1st Stage	15d	08-Jun-16	25-Jun-16	0%
A3921	Permanent utility diversion - TCSS cable (by others), 1st Stage	15d	08-Jun-16	25-Jun-16	0%
Construction - Permanent Soldier Pile Wall					
A4050	Permanent soldier pile wall (AEL side)- site investigation	14d	18-May-16	02-Jun-16	0%
A3990	Permanent soldier pile wall (AEL side)- piling works, 1st 60nos	15d	04-Jun-16	22-Jun-16	0%
Construct M008, Ch 0+100 to Ch 0+787, L=687m (except Depressed Rd. Area)					
A4370	M008: 1st Half: Drainage works +Underground utilities (watermain), 1st 50m	15d	19-Mar-16 A	09-Apr-16	0%
A4371	M008: 1st Half: Drainage works +Underground utilities (watermain) 2nd 50m	15d	11-Apr-16	27-Apr-16	0%
A4372	M008: 1st Half: Drainage works +Underground utilities (watermain) 3rd 50m	15d	28-Apr-16	17-May-16	0%
A4373	M008: 1st Half: Drainage works +Underground utilities (watermain) 4th 50m	15d	18-May-16	03-Jun-16	0%
A4374	M008: 1st Half: Drainage works +Underground utilities (watermain, TCSS, telecoms etc.) Stage 5	15d	04-Jun-16	22-Jun-16	0%
Construct M007 Ch. 0+100 to Ch. 0+483), L=383m					
A4590	Start after surcharge removed at reclamation portion (but start early at landside portion)	0d		19-Apr-16*	0%
A4540	M007: 1st Half: Drainage works +Underground utilities (watermain), 1st 50m	15d	20-Apr-16	07-May-16	0%
A4720	M007: 1st Half: Drainage works +Underground utilities (watermain), 2nd 50m	15d	09-May-16	26-May-16	0%
A4730	M007: 1st Half: Drainage works +Underground utilities (watermain), 3rd 50m	15d	27-May-16	14-Jun-16	0%
A4900	M007: 1st Half: Drainage works +Underground utilities (watermain,), 4th 50m	15d	15-Jun-16	02-Jul-16	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. : C153870
證書編號

ITEM TESTED / 送檢項目 (Job No. / 序引編號 : IC15-1591) Date of Receipt / 收件日期 : 16 July 2015

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
19/F., Tower 1, The Gateway 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 : 18 July 2015

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
- Agilent Technologies / Keysight Technologies
- Rohde & Schwarz Laboratory, Germany
- Fluke Everett Service Center, 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 : 21 July 2015

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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. : C153870
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	C153519
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.

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

Certificate of Calibration
校正證書

Certificate No. : C155032
證書編號

ITEM TESTED / 送檢項目 (Job No. / 序引編號 : IC15-2021) Date of Receipt / 收件日期 : 2 September 2015

Description / 儀器名稱	:	Integrating Sound Level Meter
Manufacturer / 製造商	:	Brüel & Kjær
Model No. / 型號	:	2238
Serial No. / 編號	:	2381580
Supplied By / 委託者	:	Atkins China Limited 19/F., Tower 1, The Gateway 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 : 9 September 2015

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
- Agilent Technologies / Keysight Technologies
- Rohde & Schwarz Laboratory, Germany
- Fluke Everett Service Center, USA

Tested By 測試 : H T Wong, Technical Officer

Certified By 核證 : K C Lee, Project Engineer

Date of Issue 簽發日期 : 11 September 2015

The test equipment used for calibration are traceable to the Nation Standards as specified in this certificate. This certificate shall not be reproduced except in full, without the prior written approval of this laboratory.
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Certificate of Calibration
校正證書

Certificate No. : C155032
證書編號

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

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

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

4. Test equipment :

Equipment ID	Description	Certificate No.
CL280	40 MHz Arbitrary Waveform Generator	C150014
CL281	Multifunction Acoustic Calibrator	DC130171

5. Test procedure : MA101N.

6. Results :

6.1 Sound Pressure Level

6.1.1 Reference Sound Pressure Level

6.1.1.1 Before Self-calibration

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

6.1.1.2 After Self-calibration

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.

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Certificate of Calibration
校正證書

Certificate No. : C155032
證書編號

6.2 Time Weighting

6.2.1 Continuous Signal

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

6.2.2 Tone Burst Signal (2 kHz)

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

6.3 Frequency Weighting

6.3.1 A-Weighting

UUT Setting				Applied Value		UUT Reading (dB)	IEC 60651 Type 1 Spec. (dB)
Range (dB)	Parameter	Frequency Weighting	Time Weighting	Level (dB)	Freq.		
50 - 130	L_{AFP}	A	F	94.00	31.5 Hz	54.8	-39.4 ± 1.5
					63 Hz	67.9	-26.2 ± 1.5
					125 Hz	77.8	-16.1 ± 1.0
					250 Hz	85.3	-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	92.9	-1.1 (+1.5 ; -3.0)
					12.5 kHz	89.8	-4.3 (+3.0 ; -6.0)

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Certificate of Calibration
校正證書

Certificate No. : C155032
證書編號

6.3.2 C-Weighting

UUT Setting				Applied Value		UUT Reading (dB)	IEC 60651 Type 1 Spec. (dB)
Range (dB)	Parameter	Frequency Weighting	Time Weighting	Level (dB)	Freq.		
50 - 130	L_{CFP}	C	F	94.00	31.5 Hz	91.1	-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	93.2	-0.8 ± 1.0
					8 kHz	91.0	-3.0 (+1.5 ; -3.0)
					12.5 kHz	87.9	-6.2 (+3.0 ; -6.0)

6.4 Time Averaging

UUT Setting				Applied Value					UUT Reading (dB)	IEC 60804 Type 1 Spec. (dB)
Range (dB)	Parameter	Frequency Weighting	Integrating Time	Frequency (kHz)	Burst Duration (ms)	Burst Duty Factor	Burst Level (dB)	Equivalent Level (dB)		
30 - 110	L_{Aeq}	A	10 sec.	4	1	1/10	110.0	100	99.9	± 0.5
						$1/10^2$		90	90.0	± 0.5
			60 sec.			$1/10^3$		80	79.2	± 1.0
			5 min.			$1/10^4$		70	69.2	± 1.0

Remarks : - UUT Microphone Model No. : 4188 & S/N : 2379759

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

- Uncertainties of Applied Value :

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

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

Note :
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ENVIROTECH SERVICES CO.

High-Volume TSP Sampler
5-Point Calibration Record

Location	**:**	**AMS5(Ma Wan Chung Village)**
Calibrated by	**:**	**K.F.Ho**
Date	**:**	**17/02/2016**

Sampler

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

Calibration Orifice and Standard Calibration Relationship

Serial Number	**:**	**2454**
Service Date	**:**	**24 Mar 2015**
Slope (m)	**:**	**2.09532**
Intercept (b)	**:**	**-0.03812**
Correlation Coefficient(r)	**:**	**0.99994**

Standard Condition

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

Calibration Condition

Pa (hpa)	**:**	**1024**
Ta(K)	**:**	**290**

Resistance Plate		dH [green liquid] (inch water)	Z	X=Qstd (cubic meter/min)	IC	Y
1	18 holes	11.6	3.471	1.675	56	57.07
2	13 holes	9.2	3.091	1.494	50	50.96
3	10 holes	7.0	2.697	1.305	45	45.86
4	7 holes	4.5	2.162	1.050	37	37.71
5	5 holes	2.9	1.736	0.847	30	30.58

Sampler Calibration Relationship

Slope(m):31.562 Intercept(b): 4.226 Correlation Coefficient(r): 0.9993

Checked by: Magnum Fan **Date: 19/02/2016**

ENVIROTECH SERVICES CO.

High-Volume TSP Sampler
5-Point Calibration Record

Location	**:**	**AMS6(Dragonair Building)**
Calibrated by	**:**	**P.F.Yeung**
Date	**:**	**22/02/2016**

Sampler

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

Calibration Orifice and Standard Calibration Relationship

Serial Number	**:**	**2454**
Service Date	**:**	**24 Mar 2015**
Slope (m)	**:**	**2.09532**
Intercept (b)	**:**	**-0.03812**
Correlation Coefficient(r)	**:**	**0.99994**

Standard Condition

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

Calibration Condition

Pa (hpa)	**:**	**1019**
Ta(K)	**:**	**288**

Resistance Plate		dH [green liquid] (inch water)	Z	X=Qstd (cubic meter/min)	IC	Y
1	18 holes	11.8	3.505	1.691	56	57.13
2	13 holes	9.2	3.094	1.495	50	51.01
3	10 holes	6.8	2.660	1.288	45	45.91
4	7 holes	4.5	2.164	1.051	38	38.77
5	5 holes	2.8	1.707	0.833	31	31.63

Sampler Calibration Relationship

Slope(m):32.429 Intercept(b): 5.925 Correlation Coefficient(r): 0.9996

Checked by: Magnum Fan **Date: 25/02/2016**

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

ORIFICE TRANSFER STANDARD CERTIFICATION WORKSHEET TE-5025A

Date - Mar 24, 2015 Rootsmeter S/N 0438320 Ta (K) - 292
Operator Tisch Orifice I.D. - 2454 Pa (mm) - 756.92

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	1.4460	3.2	2.00
2	NA	NA	1.00	1.0300	6.4	4.00
3	NA	NA	1.00	0.9180	7.9	5.00
4	NA	NA	1.00	0.8780	8.7	5.50
5	NA	NA	1.00	0.7240	12.6	8.00

DATA TABULATION

Vstd	(x axis) Qstd	(y axis)		Va	(x axis) Qa	(y axis)
1.0121	0.6999	1.4258		0.9958	0.6886	0.8784
1.0078	0.9785	2.0163		0.9916	0.9627	1.2422
1.0057	1.0955	2.2543		0.9895	1.0779	1.3888
1.0047	1.1443	2.3644		0.9885	1.1258	1.4566
0.9994	1.3805	2.8515		0.9833	1.3582	1.7568
Qstd slope (m) =		2.09532		Qa slope (m) =		1.31205
intercept (b) =		-0.03812		intercept (b) =		-0.02349
coefficient (r) =		0.99994		coefficient (r) =		0.99994
y axis = SQRT[H2O(Pa/760)(298/Ta)]				y axis = SQRT[H2O(Ta/Pa)]		

CALCULATIONS

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

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

For subsequent flow rate calculations:

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

EQUIPMENT CALIBRATION RECORD

Type :	Laser Dust Monitor
Manufacturer / Brand :	SIBATA
Model No.:	LD-3B
Equipment No.:	LD-3B-003
Serial No.:	276018
Sensitivity Adjustment Scale Setting :	799 CPM

Standard Equipment

Equipment :	MFC High Volume Air Sampler
Venue :	Tung Chung Pier
Model No.:	TE-5170 Total Suspended Particulate
Serial No.:	S/N3641

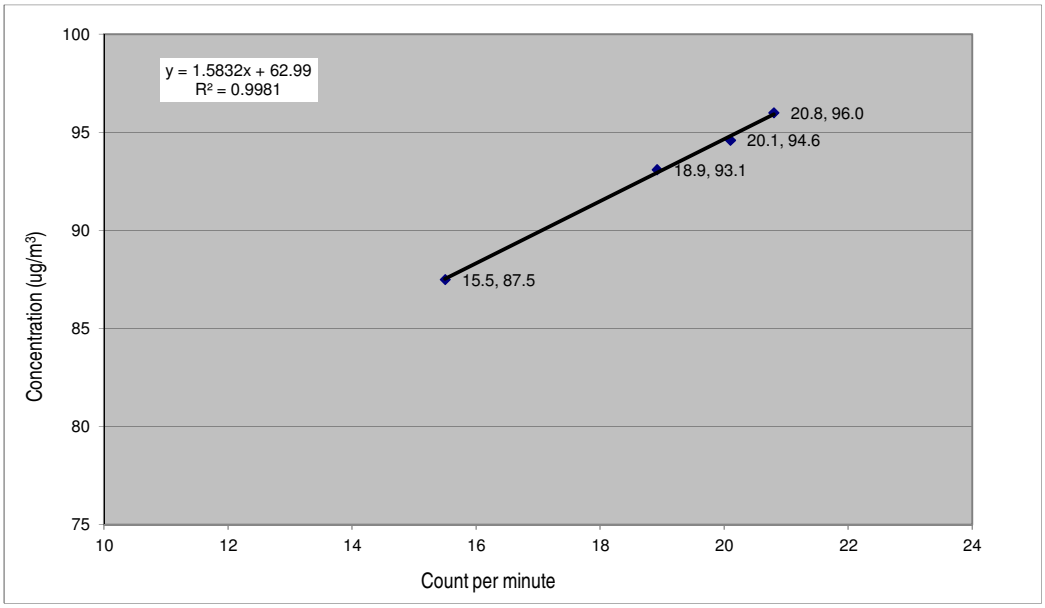
Calibration Result

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

Hour	Date (dd-mmm-yy)	Time		Ambient Condition		Concentration (ug/m^3) Y-axis	Total Count	Count/Minute X-axis
				Temp (^oC)	R.H. (%)			
1	25-Nov-15	14:20	15:20	23.6	68%	87.5	930	15.5
2	25-Nov-15	15:34	16:34	24.8	60%	93.1	1135	18.9
3	25-Nov-15	16:50	17:50	23.8	60%	96.0	1248	20.8
4	25-Nov-15	18:00	19:00	23.5	50%	94.6	1206	20.1

Be Linear Regression of Y or X
Slope (K-factor): 1.5832
Correlation coefficient : 0.9981

Remark:



Recorded by: Ray Cheng Signature: Date: 30/11/2015

Checked by: Keith Chau Signature: Date: 30/11/2015

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REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION

CONTACT:	MR MIKE SHEK	**WORK ORDER:**	HK1604610
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:	02/02/2016
		DATE OF ISSUE:	05/02/2016

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:	02 February, 2016

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

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REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION

Work Order: HK1604610
Sub-batch: 0
Client: AECOM ASIA COMPANY LIMITED
Date of Issue: 05/02/2016

Description: Multifunctional Meter
Brand Name: YSI
Model No.: 6820 V2
Serial No.: 12A101545
Equipment No.: W.026.35
Date of Calibration: 02 February, 2016 Date of next Calibration: 02 May, 2016

Parameters:

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

Expected Reading (uS/cm)	Displayed Reading (uS/cm)	Tolerance (%)
146.9	142.5	-3.0
6667	6820	+2.3
12890	12770	-0.9
58670	58610	-0.1
	Tolerance Limit (%)	±10.0

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

Expected Reading (mg/L)	Displayed Reading (mg/L)	Tolerance (mg/L)
3.47	3.44	-0.03
5.60	5.56	-0.04
7.85	7.89	+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)
10.0	10.02	+0.0
21.5	21.39	-0.1
38.0	37.74	-0.3
	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: HK1604610
Sub-Batch: 0
Client: AECOM ASIA COMPANY LIMITED
Date of Issue: 05/02/2016

Description: Multifunctional Meter
Brand Name: YSI
Model No.: 6820 V2
Serial No.: 12A101545
Equipment No.: W.026.35
Date of Calibration: 02 February, 2016 Date of next Calibration: 02 May, 2016

Parameters:

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

Expected Reading (g/L)	Displayed Reading (g/L)	Tolerance (%)
0	0.00	--
10	9.96	-0.4
20	19.92	-0.4
30	29.85	-0.5
	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	9.8	-2.0
20	19.7	-1.5
50	50.4	+0.8
100	100.8	+0.8
	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	6.98	-0.02
10.0	10.04	+0.04
	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.

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REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION

CONTACT:	MR MIKE SHEK	**WORK ORDER:**	HK1604612
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:	02/02/2016
		DATE OF ISSUE:	05/02/2016

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:	02 February, 2016

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

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REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION

Work Order: HK1604612
Sub-batch: 0
Client: AECOM ASIA COMPANY LIMITED
Date of Issue: 05/02/2016

Description: Multifunctional Meter
Brand Name: YSI
Model No.: 6820 V2
Serial No.: 12D100972
Equipment No.: W.026.36
Date of Calibration: 02 February, 2016 Date of next Calibration: 02 May, 2016

Parameters:

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

Expected Reading (uS/cm)	Displayed Reading (uS/cm)	Tolerance (%)
146.9	144.0	-2.0
6667	6740	+1.1
12890	12810	-0.6
58670	58720	+0.1
	Tolerance Limit (%)	±10.0

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

Expected Reading (mg/L)	Displayed Reading (mg/L)	Tolerance (mg/L)
3.47	3.43	-0.04
5.60	5.62	+0.02
7.85	7.86	+0.01
	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)
10.0	10.11	+0.1
21.5	21.47	-0.0
38.0	37.80	-0.2
	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: HK1604612
Sub-Batch: 0
Client: AECOM ASIA COMPANY LIMITED
Date of Issue: 05/02/2016

Description: Multifunctional Meter
Brand Name: YSI
Model No.: 6820 V2
Serial No.: 12D100972
Equipment No.: W.026.36
Date of Calibration: 02 February, 2016 Date of next Calibration: 02 May, 2016

Parameters:

Salinity

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

Expected Reading (g/L)	Displayed Reading (g/L)	Tolerance (%)
0	0.00	--
10	10.01	+0.1
20	20.06	+0.3
30	30.10	+0.3
	Tolerance Limit (%)	±10.0

Turbidity

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

Expected Reading (NTU)	Displayed Reading (NTU)	Tolerance (%)
0	0.0	--
4	3.8	-5.0
10	9.6	-4.0
20	19.4	-3.0
50	49.5	-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	7.04	+0.04
10.0	10.03	+0.03
	Tolerance Limit (pH Unit)	±0.20

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

Mr Fung Lim Chee, Richard
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APPENDIX D

Monitoring Schedule

Mar-16

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

Remarks:
1) Due to boat availability, the dolphin monitoring schedule was rescheduled from 14 March 2016 to 11 March 2016.
2) Due to weather condition, the dolphin monitoring schedule was rescheduled from 21 March 2016 to 22 March 2016.
3) Due to change of weather condition, mudflat monitoring (ecology) was rescheduled from 6 March 2016 to 8 March and from 23 March 2016 to 26 March 2016.

Apr-16

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

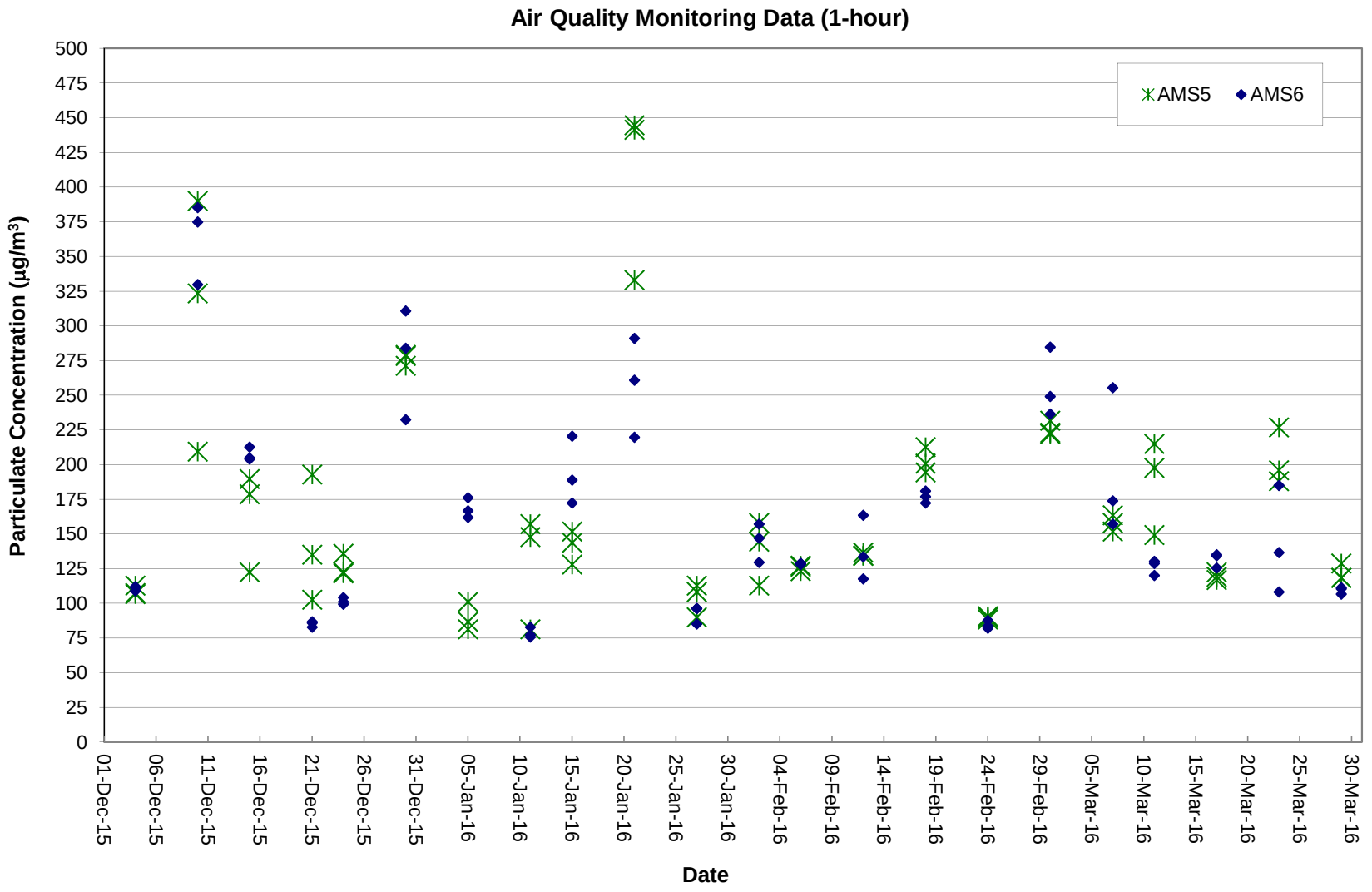
APPENDIX E

Monitoring Data

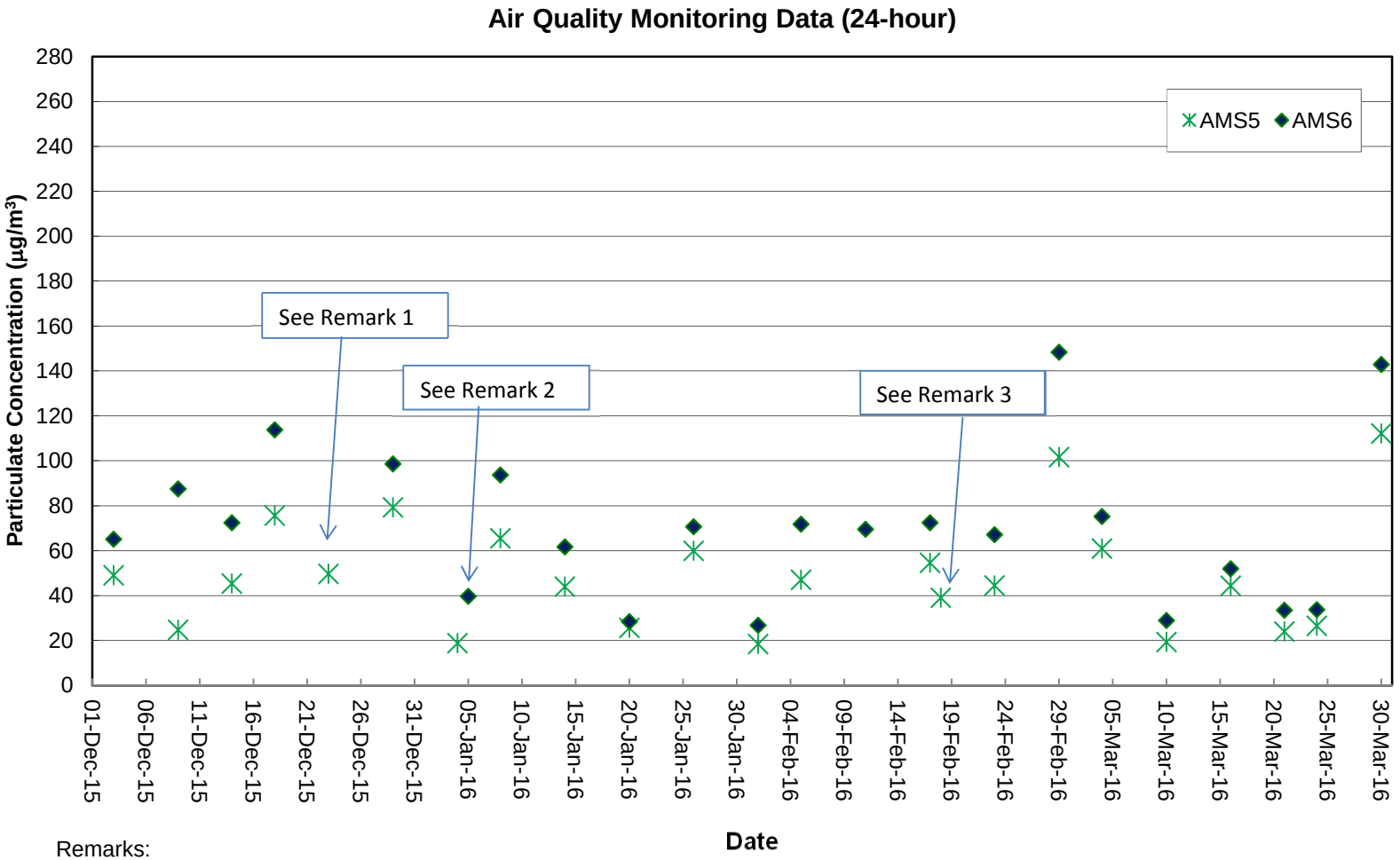
Air Quality Monitoring Data

Project	Works	Date (yyyy-mm-dd)	Station	Time	Parameter	Results	Unit
HKLR	HY/2011/03	2016-03-01	AMS5	13:06	1-hr TSP	223	ug/m^3
HKLR	HY/2011/03	2016-03-01	AMS5	14:06	1-hr TSP	222	ug/m^3
HKLR	HY/2011/03	2016-03-01	AMS5	15:06	1-hr TSP	232	ug/m^3
HKLR	HY/2011/03	2016-03-07	AMS5	13:14	1-hr TSP	158	ug/m^3
HKLR	HY/2011/03	2016-03-07	AMS5	14:14	1-hr TSP	152	ug/m^3
HKLR	HY/2011/03	2016-03-07	AMS5	15:14	1-hr TSP	164	ug/m^3
HKLR	HY/2011/03	2016-03-11	AMS5	13:04	1-hr TSP	149	ug/m^3
HKLR	HY/2011/03	2016-03-11	AMS5	14:04	1-hr TSP	198	ug/m^3
HKLR	HY/2011/03	2016-03-11	AMS5	15:04	1-hr TSP	215	ug/m^3
HKLR	HY/2011/03	2016-03-17	AMS5	13:14	1-hr TSP	117	ug/m^3
HKLR	HY/2011/03	2016-03-17	AMS5	14:14	1-hr TSP	119	ug/m^3
HKLR	HY/2011/03	2016-03-17	AMS5	15:14	1-hr TSP	122	ug/m^3
HKLR	HY/2011/03	2016-03-23	AMS5	09:03	1-hr TSP	188	ug/m^3
HKLR	HY/2011/03	2016-03-23	AMS5	10:03	1-hr TSP	196	ug/m^3
HKLR	HY/2011/03	2016-03-23	AMS5	11:03	1-hr TSP	227	ug/m^3
HKLR	HY/2011/03	2016-03-29	AMS5	13:30	1-hr TSP	118	ug/m^3
HKLR	HY/2011/03	2016-03-29	AMS5	14:30	1-hr TSP	118	ug/m^3
HKLR	HY/2011/03	2016-03-29	AMS5	15:30	1-hr TSP	129	ug/m^3
HKLR	HY/2011/03	2016-03-04	AMS5	08:00	24-hr TSP	61	ug/m^3
HKLR	HY/2011/03	2016-03-10	AMS5	08:00	24-hr TSP	19	ug/m^3
HKLR	HY/2011/03	2016-03-16	AMS5	08:00	24-hr TSP	44	ug/m^3
HKLR	HY/2011/03	2016-03-21	AMS5	08:00	24-hr TSP	24	ug/m^3
HKLR	HY/2011/03	2016-03-24	AMS5	08:00	24-hr TSP	27	ug/m^3
HKLR	HY/2011/03	2016-03-30	AMS5	08:00	24-hr TSP	112	ug/m^3
HKLR	HY/2011/03	2016-03-01	AMS6	08:54	1-hr TSP	285	ug/m^3
HKLR	HY/2011/03	2016-03-01	AMS6	09:54	1-hr TSP	249	ug/m^3
HKLR	HY/2011/03	2016-03-01	AMS6	10:54	1-hr TSP	236	ug/m^3
HKLR	HY/2011/03	2016-03-07	AMS6	08:51	1-hr TSP	255	ug/m^3
HKLR	HY/2011/03	2016-03-07	AMS6	09:51	1-hr TSP	174	ug/m^3
HKLR	HY/2011/03	2016-03-07	AMS6	10:51	1-hr TSP	157	ug/m^3
HKLR	HY/2011/03	2016-03-11	AMS6	08:52	1-hr TSP	120	ug/m^3
HKLR	HY/2011/03	2016-03-11	AMS6	09:52	1-hr TSP	130	ug/m^3
HKLR	HY/2011/03	2016-03-11	AMS6	10:52	1-hr TSP	129	ug/m^3
HKLR	HY/2011/03	2016-03-17	AMS6	09:03	1-hr TSP	126	ug/m^3
HKLR	HY/2011/03	2016-03-17	AMS6	10:03	1-hr TSP	134	ug/m^3
HKLR	HY/2011/03	2016-03-17	AMS6	11:03	1-hr TSP	135	ug/m^3
HKLR	HY/2011/03	2016-03-23	AMS6	13:22	1-hr TSP	185	ug/m^3
HKLR	HY/2011/03	2016-03-23	AMS6	14:22	1-hr TSP	137	ug/m^3
HKLR	HY/2011/03	2016-03-23	AMS6	15:22	1-hr TSP	108	ug/m^3
HKLR	HY/2011/03	2016-03-29	AMS6	09:02	1-hr TSP	107	ug/m^3
HKLR	HY/2011/03	2016-03-29	AMS6	10:02	1-hr TSP	110	ug/m^3
HKLR	HY/2011/03	2016-03-29	AMS6	11:02	1-hr TSP	111	ug/m^3
HKLR	HY/2011/03	2016-03-04	AMS6	08:00	24-hr TSP	75	ug/m^3
HKLR	HY/2011/03	2016-03-10	AMS6	08:00	24-hr TSP	29	ug/m^3
HKLR	HY/2011/03	2016-03-16	AMS6	08:00	24-hr TSP	52	ug/m^3
HKLR	HY/2011/03	2016-03-21	AMS6	08:00	24-hr TSP	34	ug/m^3
HKLR	HY/2011/03	2016-03-24	AMS6	08:00	24-hr TSP	34	ug/m^3
HKLR	HY/2011/03	2016-03-30	AMS6	08:00	24-hr TSP	143	ug/m^3

Graphical Plot of 1-hour TSP at AMS5 and AMS6



Graphical Plot of 24-hour TSP at AMS5 and AMS6



Remarks:

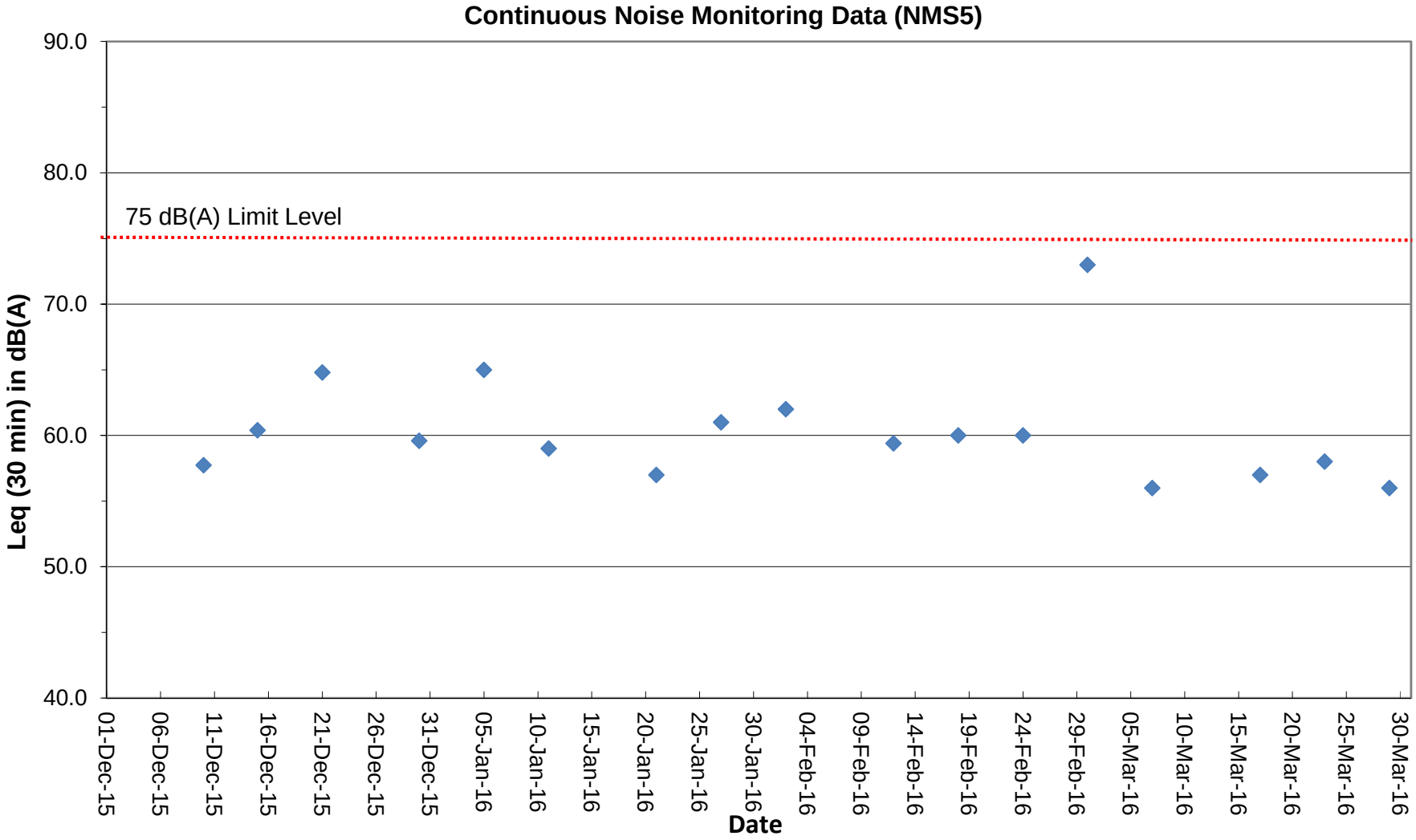
1) Due to power interruption of HVS at AMS6 on 23 December 2015, the 24-hr TSP monitoring result obtained at AMS6 on 23 December 2015 was considered invalid.
2) Due to malfunctioning of timer for HVS at AMS6 on 4 January 2016, the 24-hr TSP monitoring at AMS6 on 4 January 2016 was cancelled. The timer was replaced and was used for 24hr TSP monitoring on 5 January 2016.
3) The monitoring period of the 24-hr TSP monitoring on 11 February 2016 was less than 24 hours due to malfunction of HVS at AMS5. Therefore, the 24-hr TSP monitoring on 11 February 2016 was rescheduled to 18 February 2016.

Noise Monitoring Data

Project	Works	Date (yyyy-mm-dd)	Station	Start Time	Wind Speed, m/s	1st set 5mins		2nd set 5mins		3rd set 5mins		4th set 5mins		5th set 5mins		6th set 5mins		Overall (30mins)*		Unit
HKLR	HY/2011/03	2016-03-01	NMS5	13:56	<5	Leq:	69.9	Leq:	70.1	Leq:	70.2	Leq:	70.0	Leq:	69.9	Leq:	70.0	Leq:	73.0	dB(A)
						L10:	71.5	L10:	71.5	L10:	71.5	L10:	71.5	L10:	71.0	L10:	71.5	L10:	74.4	
						L90:	65.0	L90:	65.5	L90:	65.5	L90:	65.0	L90:	65.0	L90:	65.0	L90:	68.2	
HKLR	HY/2011/03	2016-03-07	NMS5	13:31	<5	Leq:	52.8	Leq:	55.2	Leq:	55.2	Leq:	51.6	Leq:	51.9	Leq:	52.6	Leq:	56.5	dB(A)
						L10:	55.5	L10:	58.5	L10:	58.5	L10:	55.0	L10:	55.0	L10:	54.0	L10:	59.5	
						L90:	48.5	L90:	48.5	L90:	48.0	L90:	46.0	L90:	45.5	L90:	46.5	L90:	50.3	
HKLR	HY/2011/03	2016-03-17	NMS5	13:00	<5	Leq:	53.3	Leq:	54.3	Leq:	55.2	Leq:	55.3	Leq:	55.3	Leq:	52.7	Leq:	57.5	dB(A)
						L10:	56.0	L10:	57.0	L10:	58.0	L10:	59.0	L10:	59.0	L10:	55.0	L10:	60.6	
						L90:	49.5	L90:	48.5	L90:	50.0	L90:	51.0	L90:	50.0	L90:	50.0	L90:	52.9	
HKLR	HY/2011/03	2016-03-23	NMS5	09:45	<5	Leq:	57.8	Leq:	53.9	Leq:	55.4	Leq:	55.1	Leq:	53.9	Leq:	54.7	Leq:	58.4	dB(A)
						L10:	58.0	L10:	56.0	L10:	58.5	L10:	57.5	L10:	56.5	L10:	57.5	L10:	60.4	
						L90:	48.0	L90:	48.5	L90:	49.0	L90:	49.0	L90:	49.0	L90:	48.0	L90:	51.6	
HKLR	HY/2011/03	2016-03-29	NMS5	13:00	<5	Leq:	51.3	Leq:	54.0	Leq:	54.2	Leq:	53.2	Leq:	54.8	Leq:	52.6	Leq:	56.5	dB(A)
						L10:	52.5	L10:	58.0	L10:	56.0	L10:	55.5	L10:	57.5	L10:	57.0	L10:	59.4	
						L90:	48.5	L90:	48.0	L90:	50.0	L90:	49.5	L90:	47.5	L90:	47.5	L90:	51.6	

Remark:
(1)* A facade correction of +3 dB(A) was applied to the measured noise level.

Graphical Plot of Noise Levels at NMS5



Remark:

(1) A facade correction of +3 dB(A) was applied to the measured noise level.

Water Quality 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	2016-03-02	Mid-Ebb	Sunny	IS5	18:13:32	1.0	Surface	1	1	17.56	8.31	25.37	121.9	10	3.1	6.8
HKLR	HY/2011/03	2016-03-02	Mid-Ebb	Sunny	IS5	18:12:58	1.0	Surface	1	2	17.51	8.31	25.4	121.6	9.98	3.1	6.5
HKLR	HY/2011/03	2016-03-02	Mid-Ebb	Sunny	IS5	18:12:51	4.2	Middle	2	1	17.28	8.31	25.74	120.3	9.9	3	6.1
HKLR	HY/2011/03	2016-03-02	Mid-Ebb	Sunny	IS5	18:13:22	4.2	Middle	2	2	17.28	8.3	25.78	120.1	9.88	3	6.5
HKLR	HY/2011/03	2016-03-02	Mid-Ebb	Sunny	IS5	18:13:11	7.4	Bottom	3	1	17.14	8.3	26.24	121	9.95	3.1	6
HKLR	HY/2011/03	2016-03-02	Mid-Ebb	Sunny	IS5	18:12:41	7.4	Bottom	3	2	17.4	8.31	25.81	120.8	9.92	3.1	5.7
HKLR	HY/2011/03	2016-03-02	Mid-Ebb	Sunny	IS(Mf)6	18:19:16	1.0	Surface	1	1	17.43	8.36	25.6	115.9	9.52	2.5	5
HKLR	HY/2011/03	2016-03-02	Mid-Ebb	Sunny	IS(Mf)6	18:19:33	1.0	Surface	1	2	17.4	8.35	25.68	117.7	9.67	2.6	5.1
HKLR	HY/2011/03	2016-03-02	Mid-Ebb	Sunny	IS(Mf)6	18:19:08	2.3	Bottom	3	1	17.34	8.35	25.79	114.3	9.39	2.5	5.4
HKLR	HY/2011/03	2016-03-02	Mid-Ebb	Sunny	IS(Mf)6	18:19:22	2.3	Bottom	3	2	17.29	8.35	25.9	116.6	9.59	2.7	6.7
HKLR	HY/2011/03	2016-03-02	Mid-Ebb	Sunny	IS7	18:26:42	1.0	Surface	1	1	17.21	8.33	25.94	117	9.63	2.6	5.3
HKLR	HY/2011/03	2016-03-02	Mid-Ebb	Sunny	IS7	18:26:27	1.0	Surface	1	2	17.25	8.34	25.87	117.6	9.68	2.5	4.6
HKLR	HY/2011/03	2016-03-02	Mid-Ebb	Sunny	IS7	18:26:19	2.3	Bottom	3	1	17.26	8.34	25.93	117.8	9.68	2.6	4.3
HKLR	HY/2011/03	2016-03-02	Mid-Ebb	Sunny	IS7	18:26:32	2.3	Bottom	3	2	17.22	8.33	25.97	117.4	9.66	2.6	4.5
HKLR	HY/2011/03	2016-03-02	Mid-Ebb	Sunny	IS8	18:50:42	1.0	Surface	1	1	17.36	8.44	26.43	112.1	9.17	5.5	6
HKLR	HY/2011/03	2016-03-02	Mid-Ebb	Sunny	IS8	18:50:29	1.0	Surface	1	2	17.37	8.44	26.41	112	9.17	5.5	5
HKLR	HY/2011/03	2016-03-02	Mid-Ebb	Sunny	IS8	18:50:22	3.0	Bottom	3	1	17.36	8.44	26.49	112	9.16	5.5	6
HKLR	HY/2011/03	2016-03-02	Mid-Ebb	Sunny	IS8	18:50:36	3.0	Bottom	3	2	17.37	8.44	26.48	112.1	9.17	5.5	6
HKLR	HY/2011/03	2016-03-02	Mid-Ebb	Sunny	IS(Mf)9	18:34:22	1.0	Surface	1	1	17.32	8.46	26.36	111.7	9.15	3.7	4
HKLR	HY/2011/03	2016-03-02	Mid-Ebb	Sunny	IS(Mf)9	18:34:36	1.0	Surface	1	2	17.31	8.46	26.37	112	9.18	3.8	3.6
HKLR	HY/2011/03	2016-03-02	Mid-Ebb	Sunny	IS(Mf)9	18:34:29	2.8	Bottom	3	1	17.31	8.46	26.38	111.6	9.15	3.9	4
HKLR	HY/2011/03	2016-03-02	Mid-Ebb	Sunny	IS(Mf)9	18:34:15	2.8	Bottom	3	2	17.27	8.46	26.39	111.3	9.12	3.7	3.9
HKLR	HY/2011/03	2016-03-02	Mid-Ebb	Sunny	IS10	18:58:01	1.0	Surface	1	1	17.25	8.15	23.03	124.5	10.35	1.4	3.9
HKLR	HY/2011/03	2016-03-02	Mid-Ebb	Sunny	IS10	18:58:22	1.0	Surface	1	2	17.12	8.13	22.99	123.2	10.28	1.4	4.3
HKLR	HY/2011/03	2016-03-02	Mid-Ebb	Sunny	IS10	18:57:54	5.3	Middle	2	1	16.96	8.12	24.12	122.4	10.15	1.5	4.4
HKLR	HY/2011/03	2016-03-02	Mid-Ebb	Sunny	IS10	18:58:17	5.3	Middle	2	2	16.93	8.11	24.32	122.7	10.12	1.6	5.1
HKLR	HY/2011/03	2016-03-02	Mid-Ebb	Sunny	IS10	18:58:10	9.6	Bottom	3	1	17.08	8.12	26.12	121.1	9.98	1.8	3.8
HKLR	HY/2011/03	2016-03-02	Mid-Ebb	Sunny	IS10	18:57:47	9.6	Bottom	3	2	16.97	8.12	26.32	119.4	9.98	1.7	4.7
HKLR	HY/2011/03	2016-03-02	Mid-Ebb	Sunny	SR3	18:01:03	0.7	Middle	2	1	17.66	8.35	24.61	118.6	9.76	3.5	5.7
HKLR	HY/2011/03	2016-03-02	Mid-Ebb	Sunny	SR3	18:00:58	0.7	Middle	2	2	17.67	8.35	24.55	116.7	9.6	3.5	5
HKLR	HY/2011/03	2016-03-02	Mid-Ebb	Sunny	SR4	18:43:31	1.0	Surface	1	1	17.36	8.43	26.4	111.4	9.11	5.7	5.7
HKLR	HY/2011/03	2016-03-02	Mid-Ebb	Sunny	SR4	18:43:14	1.0	Surface	1	2	17.31	8.43	26.43	110.7	9.07	5.8	4.9
HKLR	HY/2011/03	2016-03-02	Mid-Ebb	Sunny	SR4	18:43:07	2.8	Bottom	3	1	17.3	8.43	26.46	110.4	9.04	5.8	5.1
HKLR	HY/2011/03	2016-03-02	Mid-Ebb	Sunny	SR4	18:43:22	2.8	Bottom	3	2	17.33	8.43	26.49	110.9	9.08	5.8	5
HKLR	HY/2011/03	2016-03-02	Mid-Ebb	Sunny	SR5	18:45:34	1.0	Surface	1	1	17.12	8.14	24.96	118.4	9.82	1.8	4.3
HKLR	HY/2011/03	2016-03-02	Mid-Ebb	Sunny	SR5	18:45:17	1.0	Surface	1	2	17.1	8.14	26.92	117.9	9.66	1.7	3.1
HKLR	HY/2011/03	2016-03-02	Mid-Ebb	Sunny	SR5	18:45:09	4.1	Bottom	3	1	17.16	8.14	27.36	112.5	9.15	1.9	4.2
HKLR	HY/2011/03	2016-03-02	Mid-Ebb	Sunny	SR5	18:45:26	4.1	Bottom	3	2	17.11	8.13	26.98	114.5	9.35	2	4.3
HKLR	HY/2011/03	2016-03-02	Mid-Ebb	Sunny	SR10A	19:52:04	1.0	Surface	1	1	16.69	8.42	27.29	110.7	9.13	1.4	4.8
HKLR	HY/2011/03	2016-03-02	Mid-Ebb	Sunny	SR10A	19:52:49	1.0	Surface	1	2	16.68	8.42	27.33	110.7	9.13	1.4	4.7
HKLR	HY/2011/03	2016-03-02	Mid-Ebb	Sunny	SR10A	19:51:57	3.3	Middle	2	1	16.57	8.41	27.68	110.3	9.1	1.4	4.6
HKLR	HY/2011/03	2016-03-02	Mid-Ebb	Sunny	SR10A	19:52:42	3.3	Middle	2	2	16.57	8.41	27.71	110.2	9.08	1.4	4.2
HKLR	HY/2011/03	2016-03-02	Mid-Ebb	Sunny	SR10A	19:52:26	5.5	Bottom	3	1	16.4	8.41	27.94	110.9	9.16	1.5	4.2
HKLR	HY/2011/03	2016-03-02	Mid-Ebb	Sunny	SR10A	19:51:51	5.5	Bottom	3	2	16.66	8.41	27.58	110.4	9.1	1.4	4.9
HKLR	HY/2011/03	2016-03-02	Mid-Ebb	Sunny	SR10B	20:01:06	1.0	Surface	1	1	16.74	8.42	27.25	112.8	9.3	2.5	4.4
HKLR	HY/2011/03	2016-03-02	Mid-Ebb	Sunny	SR10B	20:01:23	1.0	Surface	1	2	16.72	8.42	27.26	112.7	9.29	2.3	4.9
HKLR	HY/2011/03	2016-03-02	Mid-Ebb	Sunny	SR10B	20:00:57	3.9	Bottom	3	1	16.72	8.42	27.44	112.6	9.27	2.4	4.3
HKLR	HY/2011/03	2016-03-02	Mid-Ebb	Sunny	SR10B	20:01:14	3.9	Bottom	3	2	16.67	8.42	27.56	112.7	9.28	2.3	4.4
HKLR	HY/2011/03	2016-03-02	Mid-Ebb	Sunny	CS2	17:33:00	1.0	Surface	1	1	17.59	8.15	25.78	119.5	9.74	1.5	3.4
HKLR	HY/2011/03	2016-03-02	Mid-Ebb	Sunny	CS2	17:31:56	1.0	Surface	1	2	17.75	8.13	25.42	120.2	9.73	1.4	3.2
HKLR	HY/2011/03	2016-03-02	Mid-Ebb	Sunny	CS2	17:31:48	4.1	Middle	2	1	17.51	8.09	25.71	118.5	9.68	1.6	2.7
HKLR	HY/2011/03	2016-03-02	Mid-Ebb	Sunny	CS2	17:32:49	4.1	Middle	2	2	17.16	8.08	28.48	117.4	9.52	1.5	2.6

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2016-03-02	Mid-Ebb	Sunny	CS2	17:31:38	7.2	Bottom	3	1	17.16	8.03	28.95	115.7	9.38	1.8	2.7
HKLR	HY/2011/03	2016-03-02	Mid-Ebb	Sunny	CS2	17:32:35	7.2	Bottom	3	2	16.93	8	29.96	116.5	9.41	1.7	2.8
HKLR	HY/2011/03	2016-03-02	Mid-Ebb	Sunny	CS(Mf)5	19:24:36	1.0	Surface	1	1	16.57	8.4	27.55	106	8.75	1.3	4.3
HKLR	HY/2011/03	2016-03-02	Mid-Ebb	Sunny	CS(Mf)5	19:24:07	1.0	Surface	1	2	16.64	8.41	27.42	105.8	8.73	1.4	4.8
HKLR	HY/2011/03	2016-03-02	Mid-Ebb	Sunny	CS(Mf)5	19:24:28	6.0	Middle	2	1	16.36	8.4	28.01	105.3	8.7	1.3	4.1
HKLR	HY/2011/03	2016-03-02	Mid-Ebb	Sunny	CS(Mf)5	19:23:58	6.0	Middle	2	2	16.37	8.4	28.02	104.7	8.65	1.4	4.4
HKLR	HY/2011/03	2016-03-02	Mid-Ebb	Sunny	CS(Mf)5	19:24:19	11.0	Bottom	3	1	16.44	8.4	28.03	106.4	8.78	1.4	4.5
HKLR	HY/2011/03	2016-03-02	Mid-Ebb	Sunny	CS(Mf)5	19:23:50	11.0	Bottom	3	2	16.42	8.4	28.07	105.5	8.7	1.4	4.4
HKLR	HY/2011/03	2016-03-02	Mid-Flood	Sunny	IS5	12:25:26	1.0	Surface	1	1	16.85	8.36	26.93	105.9	8.73	3.3	4.8
HKLR	HY/2011/03	2016-03-02	Mid-Flood	Sunny	IS5	12:25:46	1.0	Surface	1	2	16.9	8.36	26.92	106.2	8.75	3.2	4.3
HKLR	HY/2011/03	2016-03-02	Mid-Flood	Sunny	IS5	12:25:20	4.4	Middle	2	1	16.75	8.36	27.12	105.5	8.7	3.3	4.7
HKLR	HY/2011/03	2016-03-02	Mid-Flood	Sunny	IS5	12:25:40	4.4	Middle	2	2	16.73	8.36	27.16	105.7	8.71	3.2	5.1
HKLR	HY/2011/03	2016-03-02	Mid-Flood	Sunny	IS5	12:25:13	7.8	Bottom	3	1	16.78	8.36	27.23	105.5	8.69	3.3	4.3
HKLR	HY/2011/03	2016-03-02	Mid-Flood	Sunny	IS5	12:25:34	7.8	Bottom	3	2	16.84	8.36	27.11	105.9	8.72	3.2	4.4
HKLR	HY/2011/03	2016-03-02	Mid-Flood	Sunny	IS(Mf)6	12:14:49	1.0	Surface	1	1	16.96	8.36	26.96	107	8.79	4.2	5.1
HKLR	HY/2011/03	2016-03-02	Mid-Flood	Sunny	IS(Mf)6	12:15:03	1.0	Surface	1	2	16.96	8.36	26.97	107.7	8.85	4.2	4.8
HKLR	HY/2011/03	2016-03-02	Mid-Flood	Sunny	IS(Mf)6	12:14:56	2.1	Bottom	3	1	16.95	8.36	26.98	107.3	8.82	4.2	5
HKLR	HY/2011/03	2016-03-02	Mid-Flood	Sunny	IS(Mf)6	12:14:41	2.1	Bottom	3	2	16.95	8.36	26.97	106.3	8.74	4.3	5.2
HKLR	HY/2011/03	2016-03-02	Mid-Flood	Sunny	IS7	12:08:31	1.0	Surface	1	1	16.83	8.34	27.27	106.9	8.8	5.9	6.4
HKLR	HY/2011/03	2016-03-02	Mid-Flood	Sunny	IS7	12:08:43	1.0	Surface	1	2	16.82	8.34	27.27	107.2	8.82	5.8	6.8
HKLR	HY/2011/03	2016-03-02	Mid-Flood	Sunny	IS7	12:08:36	2.2	Bottom	3	1	16.83	8.34	27.27	107	8.8	5.9	7.1
HKLR	HY/2011/03	2016-03-02	Mid-Flood	Sunny	IS7	12:08:22	2.2	Bottom	3	2	16.79	8.34	27.29	106.4	8.76	6	7.2
HKLR	HY/2011/03	2016-03-02	Mid-Flood	Sunny	IS8	11:43:02	1.0	Surface	1	1	16.72	8.35	27.16	106.2	8.76	4.4	5
HKLR	HY/2011/03	2016-03-02	Mid-Flood	Sunny	IS8	11:42:46	1.0	Surface	1	2	16.74	8.34	27.15	105.5	8.7	4.3	4.9
HKLR	HY/2011/03	2016-03-02	Mid-Flood	Sunny	IS8	11:42:52	2.9	Bottom	3	1	16.7	8.35	27.17	105.6	8.72	4.4	5.1
HKLR	HY/2011/03	2016-03-02	Mid-Flood	Sunny	IS8	11:42:37	2.9	Bottom	3	2	16.73	8.34	27.16	104.8	8.64	4.4	6.1
HKLR	HY/2011/03	2016-03-02	Mid-Flood	Sunny	IS(Mf)9	12:00:33	1.0	Surface	1	1	16.72	8.35	27.21	107.5	8.87	4	5.7
HKLR	HY/2011/03	2016-03-02	Mid-Flood	Sunny	IS(Mf)9	12:00:45	1.0	Surface	1	2	16.7	8.35	27.23	107.4	8.86	3.7	6.1
HKLR	HY/2011/03	2016-03-02	Mid-Flood	Sunny	IS(Mf)9	12:00:24	2.7	Bottom	3	1	16.72	8.35	27.22	107.4	8.86	4	6.7
HKLR	HY/2011/03	2016-03-02	Mid-Flood	Sunny	IS(Mf)9	12:00:40	2.7	Bottom	3	2	16.71	8.35	27.23	107.3	8.85	4.1	6.5
HKLR	HY/2011/03	2016-03-02	Mid-Flood	Sunny	IS10	11:53:57	1.0	Surface	1	1	16.73	8.03	30.45	110.5	8.94	2.3	3.2
HKLR	HY/2011/03	2016-03-02	Mid-Flood	Sunny	IS10	11:52:45	1.0	Surface	1	2	16.65	8.02	30.52	110.7	8.98	2.2	2.1
HKLR	HY/2011/03	2016-03-02	Mid-Flood	Sunny	IS10	11:52:36	5.3	Middle	2	1	16.61	8.02	30.54	106.2	8.59	2.4	2.5
HKLR	HY/2011/03	2016-03-02	Mid-Flood	Sunny	IS10	11:53:46	5.3	Middle	2	2	16.68	8.02	30.5	108.4	8.77	2.4	2.1
HKLR	HY/2011/03	2016-03-02	Mid-Flood	Sunny	IS10	11:52:23	9.6	Bottom	3	1	16.7	8.02	30.5	106	8.57	2.7	2.2
HKLR	HY/2011/03	2016-03-02	Mid-Flood	Sunny	IS10	11:53:35	9.6	Bottom	3	2	16.47	7.99	30.65	105.9	8.57	2.6	2.6
HKLR	HY/2011/03	2016-03-02	Mid-Flood	Sunny	SR3	12:34:22	0.8	Middle	2	1	17	8.37	26.82	107.6	8.85	3.7	4.6
HKLR	HY/2011/03	2016-03-02	Mid-Flood	Sunny	SR3	12:34:17	0.8	Middle	2	2	16.99	8.36	26.82	107.6	8.84	3.6	4.9
HKLR	HY/2011/03	2016-03-02	Mid-Flood	Sunny	SR4	11:49:07	1.0	Surface	1	1	16.72	8.35	27.2	107.3	8.85	3.6	3.7
HKLR	HY/2011/03	2016-03-02	Mid-Flood	Sunny	SR4	11:49:23	1.0	Surface	1	2	16.72	8.35	27.2	107.4	8.86	3.9	3.7
HKLR	HY/2011/03	2016-03-02	Mid-Flood	Sunny	SR4	11:49:01	2.6	Bottom	3	1	16.72	8.35	27.2	107.1	8.84	4	5.1
HKLR	HY/2011/03	2016-03-02	Mid-Flood	Sunny	SR4	11:49:13	2.6	Bottom	3	2	16.71	8.35	27.21	107.2	8.84	3.9	5.1
HKLR	HY/2011/03	2016-03-02	Mid-Flood	Sunny	SR5	12:05:07	1.0	Surface	1	1	16.68	8.03	30.47	113.1	9.15	1.6	2.7
HKLR	HY/2011/03	2016-03-02	Mid-Flood	Sunny	SR5	12:04:51	1.0	Surface	1	2	16.73	8.04	30.45	112.7	9.12	1.5	3
HKLR	HY/2011/03	2016-03-02	Mid-Flood	Sunny	SR5	12:05:01	4.1	Bottom	3	1	16.68	8.04	30.46	112.2	9.07	1.8	2.7
HKLR	HY/2011/03	2016-03-02	Mid-Flood	Sunny	SR5	12:04:42	4.1	Bottom	3	2	16.74	8.04	30.45	112.3	9.08	1.7	2.5
HKLR	HY/2011/03	2016-03-02	Mid-Flood	Sunny	SR10A	10:33:18	1.0	Surface	1	1	16.44	8.31	26.96	109.9	9.14	1.6	2.3
HKLR	HY/2011/03	2016-03-02	Mid-Flood	Sunny	SR10A	10:32:26	1.0	Surface	1	2	16.44	8.31	26.9	108.6	9.01	1.6	2.1
HKLR	HY/2011/03	2016-03-02	Mid-Flood	Sunny	SR10A	10:32:48	3.3	Middle	2	1	16.33	8.31	27.12	108.8	9.04	1.5	3
HKLR	HY/2011/03	2016-03-02	Mid-Flood	Sunny	SR10A	10:32:15	3.3	Middle	2	2	16.34	8.31	27.03	108.7	9.03	1.5	2.6
HKLR	HY/2011/03	2016-03-02	Mid-Flood	Sunny	SR10A	10:32:03	5.6	Bottom	3	1	16.37	8.31	27.09	108	8.98	1.5	3
HKLR	HY/2011/03	2016-03-02	Mid-Flood	Sunny	SR10A	10:32:37	5.6	Bottom	3	2	16.36	8.31	27.26	108.2	8.99	1.5	2.7

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2016-03-02	Mid-Flood	Sunny	SR10B	10:21:12	1.0	Surface	1	1	16.41	8.29	26.46	109.5	9.13	1.6	2.7
HKLR	HY/2011/03	2016-03-02	Mid-Flood	Sunny	SR10B	10:21:45	1.0	Surface	1	2	16.39	8.3	26.62	108.5	9.04	1.5	2.7
HKLR	HY/2011/03	2016-03-02	Mid-Flood	Sunny	SR10B	10:21:38	4.2	Bottom	3	1	16.34	8.29	26.77	108.3	9.03	1.5	2.6
HKLR	HY/2011/03	2016-03-02	Mid-Flood	Sunny	SR10B	10:21:04	4.2	Bottom	3	2	16.41	8.29	26.47	109.3	9.11	1.6	2.9
HKLR	HY/2011/03	2016-03-02	Mid-Flood	Sunny	CS2	13:15:25	1.0	Surface	1	1	16.64	8.02	27.93	110.6	9.11	1.2	2.9
HKLR	HY/2011/03	2016-03-02	Mid-Flood	Sunny	CS2	13:15:50	1.0	Surface	1	2	16.62	8.02	27.78	109.6	9.03	1.2	2.2
HKLR	HY/2011/03	2016-03-02	Mid-Flood	Sunny	CS2	13:15:18	4.1	Middle	2	1	16.56	8.02	28.06	108	8.88	1.3	3.2
HKLR	HY/2011/03	2016-03-02	Mid-Flood	Sunny	CS2	13:15:45	4.1	Middle	2	2	16.5	8.02	27.99	108.4	8.93	1.4	2.6
HKLR	HY/2011/03	2016-03-02	Mid-Flood	Sunny	CS2	13:15:38	7.2	Bottom	3	1	16.51	8.02	28.08	107.6	8.85	1.6	2.9
HKLR	HY/2011/03	2016-03-02	Mid-Flood	Sunny	CS2	13:15:10	7.2	Bottom	3	2	16.47	7.99	28.46	107.7	8.87	1.5	2.6
HKLR	HY/2011/03	2016-03-02	Mid-Flood	Sunny	CS(Mf)5	11:12:33	1.0	Surface	1	1	16.38	8.31	27.33	106.4	8.83	2.2	1.4
HKLR	HY/2011/03	2016-03-02	Mid-Flood	Sunny	CS(Mf)5	11:13:07	1.0	Surface	1	2	16.41	8.32	27.29	106.7	8.84	2.1	1.6
HKLR	HY/2011/03	2016-03-02	Mid-Flood	Sunny	CS(Mf)5	11:12:57	6.3	Middle	2	1	16.33	8.31	27.66	105.8	8.77	2.3	1.3
HKLR	HY/2011/03	2016-03-02	Mid-Flood	Sunny	CS(Mf)5	11:12:25	6.3	Middle	2	2	16.34	8.31	27.64	105.8	8.77	2.2	1.4
HKLR	HY/2011/03	2016-03-02	Mid-Flood	Sunny	CS(Mf)5	11:12:46	11.6	Bottom	3	1	16.36	8.31	27.84	106.5	8.81	2.3	1.4
HKLR	HY/2011/03	2016-03-02	Mid-Flood	Sunny	CS(Mf)5	11:12:16	11.6	Bottom	3	2	16.36	8.3	27.82	106.4	8.81	2.3	1.4
HKLR	HY/2011/03	2016-03-04	Mid-Ebb	Cloudy	IS5	20:41:48	1.0	Surface	1	1	18.06	8.52	25.39	127.1	10.33	1.9	5.4
HKLR	HY/2011/03	2016-03-04	Mid-Ebb	Cloudy	IS5	20:41:00	1.0	Surface	1	2	17.98	8.52	25.48	127.2	10.34	1.8	3.9
HKLR	HY/2011/03	2016-03-04	Mid-Ebb	Cloudy	IS5	20:41:37	4.1	Middle	2	1	17.75	8.51	25.84	125.7	10.26	1.9	2.9
HKLR	HY/2011/03	2016-03-04	Mid-Ebb	Cloudy	IS5	20:40:53	4.1	Middle	2	2	17.78	8.52	25.81	126.8	10.32	1.9	3.5
HKLR	HY/2011/03	2016-03-04	Mid-Ebb	Cloudy	IS5	20:41:23	7.2	Bottom	3	1	17.55	8.51	26.2	124.9	10.18	1.9	5.1
HKLR	HY/2011/03	2016-03-04	Mid-Ebb	Cloudy	IS5	20:40:43	7.2	Bottom	3	2	17.86	8.52	25.81	126.2	10.28	1.9	3.3
HKLR	HY/2011/03	2016-03-04	Mid-Ebb	Cloudy	IS(Mf)6	20:48:27	1.0	Surface	1	1	18.3	8.57	24.85	139.7	11.33	2.1	2.2
HKLR	HY/2011/03	2016-03-04	Mid-Ebb	Cloudy	IS(Mf)6	20:48:16	1.0	Surface	1	2	18.32	8.57	24.84	137.1	11.12	2.2	2.6
HKLR	HY/2011/03	2016-03-04	Mid-Ebb	Cloudy	IS(Mf)6	20:48:10	2.3	Bottom	3	1	18.29	8.57	24.95	135.3	10.97	2.2	2.3
HKLR	HY/2011/03	2016-03-04	Mid-Ebb	Cloudy	IS(Mf)6	20:48:21	2.3	Bottom	3	2	18.31	8.57	24.9	138.2	11.2	2.1	2.3
HKLR	HY/2011/03	2016-03-04	Mid-Ebb	Cloudy	IS7	20:55:31	1.0	Surface	1	1	18.26	8.58	24.86	145.2	11.78	1.8	2.3
HKLR	HY/2011/03	2016-03-04	Mid-Ebb	Cloudy	IS7	20:55:21	1.0	Surface	1	2	18.32	8.58	24.81	144.4	11.71	1.8	1.8
HKLR	HY/2011/03	2016-03-04	Mid-Ebb	Cloudy	IS7	20:55:25	2.2	Bottom	3	1	18.3	8.58	24.86	144.7	11.73	1.9	3.7
HKLR	HY/2011/03	2016-03-04	Mid-Ebb	Cloudy	IS7	20:55:14	2.2	Bottom	3	2	18.3	8.58	24.88	143.4	11.63	1.9	2
HKLR	HY/2011/03	2016-03-04	Mid-Ebb	Cloudy	IS8	21:17:50	1.0	Surface	1	1	18.32	8.63	24.83	151	12.25	3.2	7.6
HKLR	HY/2011/03	2016-03-04	Mid-Ebb	Cloudy	IS8	21:18:03	1.0	Surface	1	2	18.38	8.63	24.76	151.4	12.27	3.2	7.2
HKLR	HY/2011/03	2016-03-04	Mid-Ebb	Cloudy	IS8	21:17:44	3.0	Bottom	3	1	18.37	8.63	24.88	151	12.23	3.3	7.6
HKLR	HY/2011/03	2016-03-04	Mid-Ebb	Cloudy	IS8	21:17:55	3.0	Bottom	3	2	18.41	8.63	24.85	151.3	12.24	3.2	7.9
HKLR	HY/2011/03	2016-03-04	Mid-Ebb	Cloudy	IS(Mf)9	21:04:44	1.0	Surface	1	1	18.47	8.63	24.64	149.8	12.12	1.3	2.6
HKLR	HY/2011/03	2016-03-04	Mid-Ebb	Cloudy	IS(Mf)9	21:05:01	1.0	Surface	1	2	18.53	8.64	24.55	152.5	12.33	1.3	2.3
HKLR	HY/2011/03	2016-03-04	Mid-Ebb	Cloudy	IS(Mf)9	21:04:38	2.7	Bottom	3	1	18.48	8.63	24.66	138.4	11.19	1.4	2.2
HKLR	HY/2011/03	2016-03-04	Mid-Ebb	Cloudy	IS(Mf)9	21:04:51	2.7	Bottom	3	2	18.48	8.63	24.69	144.9	11.73	1.4	1.8
HKLR	HY/2011/03	2016-03-04	Mid-Ebb	Cloudy	IS10	21:29:35	1.0	Surface	1	1	17.8	8.13	21.39	131.7	10.91	1.4	3.7
HKLR	HY/2011/03	2016-03-04	Mid-Ebb	Cloudy	IS10	21:30:05	1.0	Surface	1	2	17.93	8.15	20.85	131.5	11	1.5	2.8
HKLR	HY/2011/03	2016-03-04	Mid-Ebb	Cloudy	IS10	21:29:56	5.5	Middle	2	1	17.52	8.11	21.47	129.9	10.92	1.6	3
HKLR	HY/2011/03	2016-03-04	Mid-Ebb	Cloudy	IS10	21:29:26	5.5	Middle	2	2	17.26	8.08	22.14	128.7	10.67	1.6	3.4
HKLR	HY/2011/03	2016-03-04	Mid-Ebb	Cloudy	IS10	21:29:18	9.9	Bottom	3	1	17.04	8.05	25.24	125.8	10.44	1.7	3.9
HKLR	HY/2011/03	2016-03-04	Mid-Ebb	Cloudy	IS10	21:29:48	9.9	Bottom	3	2	17.52	8.1	23.86	122.9	10.34	1.8	3
HKLR	HY/2011/03	2016-03-04	Mid-Ebb	Cloudy	SR3	20:31:23	0.7	Middle	2	1	18.12	8.54	25.32	123	9.98	2.2	3.2
HKLR	HY/2011/03	2016-03-04	Mid-Ebb	Cloudy	SR3	20:31:29	0.7	Middle	2	2	18.13	8.55	25.31	124.8	10.13	2.1	3.8
HKLR	HY/2011/03	2016-03-04	Mid-Ebb	Cloudy	SR4	21:11:58	1.0	Surface	1	1	18.42	8.64	24.73	150	12.15	3.7	8.6
HKLR	HY/2011/03	2016-03-04	Mid-Ebb	Cloudy	SR4	21:11:48	1.0	Surface	1	2	18.36	8.63	24.81	148.2	12	3.8	8.7
HKLR	HY/2011/03	2016-03-04	Mid-Ebb	Cloudy	SR4	21:11:53	2.7	Bottom	3	1	18.44	8.63	24.79	143.6	11.63	3.7	9
HKLR	HY/2011/03	2016-03-04	Mid-Ebb	Cloudy	SR4	21:11:43	2.7	Bottom	3	2	18.43	8.63	24.82	145.2	11.75	3.8	7.4
HKLR	HY/2011/03	2016-03-04	Mid-Ebb	Cloudy	SR5	21:17:16	1.0	Surface	1	1	17.41	8.1	23.67	131.9	10.95	1.5	4
HKLR	HY/2011/03	2016-03-04	Mid-Ebb	Cloudy	SR5	21:17:31	1.0	Surface	1	2	17.2	8.08	23.28	133.1	10.92	1.6	3.5

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2016-03-04	Mid-Ebb	Cloudy	SR5	21:17:06	4.4	Bottom	3	1	17.17	8.07	26.52	126.5	10.38	1.8	3.2
HKLR	HY/2011/03	2016-03-04	Mid-Ebb	Cloudy	SR5	21:17:24	4.4	Bottom	3	2	17.33	8.09	26.11	124.9	10.45	1.7	3.2
HKLR	HY/2011/03	2016-03-04	Mid-Ebb	Cloudy	SR10A	22:27:31	1.0	Surface	1	1	17.53	8.53	25.02	141.4	11.53	1.5	2.9
HKLR	HY/2011/03	2016-03-04	Mid-Ebb	Cloudy	SR10A	22:27:08	1.0	Surface	1	2	17.82	8.53	24.7	137.1	11.23	1.5	2.1
HKLR	HY/2011/03	2016-03-04	Mid-Ebb	Cloudy	SR10A	22:27:00	3.3	Middle	2	1	17.06	8.48	27.03	134.1	10.95	1.5	2
HKLR	HY/2011/03	2016-03-04	Mid-Ebb	Cloudy	SR10A	22:27:24	3.3	Middle	2	2	17.08	8.5	27.39	140.2	11.44	1.5	3.3
HKLR	HY/2011/03	2016-03-04	Mid-Ebb	Cloudy	SR10A	22:26:52	5.5	Bottom	3	1	17.02	8.48	27.99	132.4	10.86	1.5	2.9
HKLR	HY/2011/03	2016-03-04	Mid-Ebb	Cloudy	SR10A	22:27:14	5.5	Bottom	3	2	17.54	8.51	27.72	139.1	11.38	1.6	2.5
HKLR	HY/2011/03	2016-03-04	Mid-Ebb	Cloudy	SR10B	22:37:05	1.0	Surface	1	1	17.71	8.58	24.99	150.3	12.32	1.7	2.6
HKLR	HY/2011/03	2016-03-04	Mid-Ebb	Cloudy	SR10B	22:36:48	1.0	Surface	1	2	17.48	8.56	25.04	148.1	12.19	1.7	2.2
HKLR	HY/2011/03	2016-03-04	Mid-Ebb	Cloudy	SR10B	22:36:55	4.3	Bottom	3	1	17.59	8.55	26.88	149	12.1	1.7	5.9
HKLR	HY/2011/03	2016-03-04	Mid-Ebb	Cloudy	SR10B	22:36:39	4.3	Bottom	3	2	17.56	8.55	27.03	148.4	12.06	1.7	5.9
HKLR	HY/2011/03	2016-03-04	Mid-Ebb	Cloudy	CS2	20:04:57	1.0	Surface	1	1	17.44	8.09	26.58	117.5	9.48	2.8	3.2
HKLR	HY/2011/03	2016-03-04	Mid-Ebb	Cloudy	CS2	20:04:25	1.0	Surface	1	2	17.63	8.12	25.75	118.9	9.58	2.8	3.5
HKLR	HY/2011/03	2016-03-04	Mid-Ebb	Cloudy	CS2	20:04:49	4.1	Middle	2	1	17.06	8.04	29.51	115.5	9.43	2.8	2.6
HKLR	HY/2011/03	2016-03-04	Mid-Ebb	Cloudy	CS2	20:04:17	4.1	Middle	2	2	17.48	8.08	27.58	114.5	9.25	2.9	2.9
HKLR	HY/2011/03	2016-03-04	Mid-Ebb	Cloudy	CS2	20:04:04	7.2	Bottom	3	1	17.05	8.02	29.66	103.8	8.42	3.1	2.6
HKLR	HY/2011/03	2016-03-04	Mid-Ebb	Cloudy	CS2	20:04:39	7.2	Bottom	3	2	17.23	8.07	29.56	109.5	8.95	3	2.9
HKLR	HY/2011/03	2016-03-04	Mid-Ebb	Cloudy	CS(Mf)5	21:58:49	1.0	Surface	1	1	18.33	8.54	24.28	135	10.98	1.5	4.9
HKLR	HY/2011/03	2016-03-04	Mid-Ebb	Cloudy	CS(Mf)5	21:58:11	1.0	Surface	1	2	18.12	8.49	24.46	130.5	10.63	1.6	3.8
HKLR	HY/2011/03	2016-03-04	Mid-Ebb	Cloudy	CS(Mf)5	21:58:03	6.3	Middle	2	1	16.76	8.45	28.33	126.6	10.36	1.6	3.6
HKLR	HY/2011/03	2016-03-04	Mid-Ebb	Cloudy	CS(Mf)5	21:58:37	6.3	Middle	2	2	16.88	8.46	27.91	131.9	10.75	1.5	2.7
HKLR	HY/2011/03	2016-03-04	Mid-Ebb	Cloudy	CS(Mf)5	21:57:53	11.5	Bottom	3	1	16.96	8.46	28.46	125.8	10.3	1.5	3.3
HKLR	HY/2011/03	2016-03-04	Mid-Ebb	Cloudy	CS(Mf)5	21:58:24	11.5	Bottom	3	2	16.94	8.47	28.47	125.6	10.25	1.5	4.1
HKLR	HY/2011/03	2016-03-04	Mid-Flood	Sunny	IS5	15:15:44	1.0	Surface	1	1	17.99	8.53	25.06	127.2	10.36	2.4	4
HKLR	HY/2011/03	2016-03-04	Mid-Flood	Sunny	IS5	15:15:18	1.0	Surface	1	2	18.01	8.53	25.03	124.8	10.17	2.2	4.2
HKLR	HY/2011/03	2016-03-04	Mid-Flood	Sunny	IS5	15:15:37	4.3	Middle	2	1	17.79	8.52	25.55	125.7	10.25	2.7	3.9
HKLR	HY/2011/03	2016-03-04	Mid-Flood	Sunny	IS5	15:15:09	4.3	Middle	2	2	17.58	8.51	25.95	124	10.13	2.5	4.1
HKLR	HY/2011/03	2016-03-04	Mid-Flood	Sunny	IS5	15:15:01	7.5	Bottom	3	1	17.56	8.52	26.16	121.8	9.94	2.7	3
HKLR	HY/2011/03	2016-03-04	Mid-Flood	Sunny	IS5	15:15:28	7.5	Bottom	3	2	17.8	8.52	25.75	118.8	9.68	2.9	2.8
HKLR	HY/2011/03	2016-03-04	Mid-Flood	Sunny	IS(Mf)6	15:07:24	1.0	Surface	1	1	18.38	8.61	24.63	144.6	11.72	1.8	8.5
HKLR	HY/2011/03	2016-03-04	Mid-Flood	Sunny	IS(Mf)6	15:07:06	1.0	Surface	1	2	18.36	8.61	24.65	142.1	11.52	1.9	6.9
HKLR	HY/2011/03	2016-03-04	Mid-Flood	Sunny	IS(Mf)6	15:07:01	2.4	Bottom	3	1	18.42	8.61	24.66	139.5	11.3	1.8	4.3
HKLR	HY/2011/03	2016-03-04	Mid-Flood	Sunny	IS(Mf)6	15:07:16	2.4	Bottom	3	2	18.1	8.6	24.95	143.2	11.65	1.9	5.2
HKLR	HY/2011/03	2016-03-04	Mid-Flood	Sunny	IS7	15:00:02	1.0	Surface	1	1	18.19	8.57	24.57	139.3	11.34	1.6	1.9
HKLR	HY/2011/03	2016-03-04	Mid-Flood	Sunny	IS7	15:00:14	1.0	Surface	1	2	18.07	8.57	24.67	141.5	11.54	1.7	1.5
HKLR	HY/2011/03	2016-03-04	Mid-Flood	Sunny	IS7	14:59:53	2.2	Bottom	3	1	18.05	8.57	24.78	136.9	11.16	1.7	3.3
HKLR	HY/2011/03	2016-03-04	Mid-Flood	Sunny	IS7	15:00:07	2.2	Bottom	3	2	18.05	8.57	24.76	140.3	11.44	1.8	3.4
HKLR	HY/2011/03	2016-03-04	Mid-Flood	Sunny	IS8	14:34:31	1.0	Surface	1	1	17.97	8.55	24.82	138.3	11.29	10.9	12.7
HKLR	HY/2011/03	2016-03-04	Mid-Flood	Sunny	IS8	14:34:45	1.0	Surface	1	2	17.99	8.55	24.81	140.7	11.48	10.4	12.7
HKLR	HY/2011/03	2016-03-04	Mid-Flood	Sunny	IS8	14:34:22	2.8	Bottom	3	1	17.96	8.54	24.94	135	11.02	10.5	7.5
HKLR	HY/2011/03	2016-03-04	Mid-Flood	Sunny	IS8	14:34:37	2.8	Bottom	3	2	17.91	8.54	25.07	139.6	11.39	10.6	7.4
HKLR	HY/2011/03	2016-03-04	Mid-Flood	Sunny	IS(Mf)9	14:52:52	1.0	Surface	1	1	18.11	8.56	24.89	134.5	10.95	2.3	2.2
HKLR	HY/2011/03	2016-03-04	Mid-Flood	Sunny	IS(Mf)9	14:52:38	1.0	Surface	1	2	18.09	8.56	25.01	131.5	10.7	2.4	1.7
HKLR	HY/2011/03	2016-03-04	Mid-Flood	Sunny	IS(Mf)9	14:52:43	2.6	Bottom	3	1	18.09	8.56	25.18	132.8	10.79	2.4	3.3
HKLR	HY/2011/03	2016-03-04	Mid-Flood	Sunny	IS(Mf)9	14:52:31	2.6	Bottom	3	2	18.09	8.56	25.14	129.3	10.51	2.4	2.2
HKLR	HY/2011/03	2016-03-04	Mid-Flood	Sunny	IS10	14:46:46	1.0	Surface	1	1	17.29	8.07	26.63	120.4	9.69	1.4	4.1
HKLR	HY/2011/03	2016-03-04	Mid-Flood	Sunny	IS10	14:46:17	1.0	Surface	1	2	17.26	8.07	26.65	120.1	9.71	1.5	3.9
HKLR	HY/2011/03	2016-03-04	Mid-Flood	Sunny	IS10	14:46:13	5.6	Middle	2	1	17.22	8.06	28.81	118.9	9.57	1.6	4.2
HKLR	HY/2011/03	2016-03-04	Mid-Flood	Sunny	IS10	14:46:37	5.6	Middle	2	2	17.09	8.05	28.53	119.3	9.77	1.6	4.7
HKLR	HY/2011/03	2016-03-04	Mid-Flood	Sunny	IS10	14:46:08	10.1	Bottom	3	1	17.46	8.09	28.8	108.9	8.89	1.7	3.6
HKLR	HY/2011/03	2016-03-04	Mid-Flood	Sunny	IS10	14:46:28	10.1	Bottom	3	2	17.24	8.06	29.57	105.8	8.56	1.7	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	2016-03-04	Mid-Flood	Sunny	SR3	15:26:17	0.7	Middle	2	1	18.19	8.55	24.79	136.2	11.07	2	2.9
HKLR	HY/2011/03	2016-03-04	Mid-Flood	Sunny	SR3	15:26:22	0.7	Middle	2	2	18.2	8.55	24.79	136.9	11.13	2	3.5
HKLR	HY/2011/03	2016-03-04	Mid-Flood	Sunny	SR4	14:41:38	1.0	Surface	1	1	17.94	8.58	24.85	144.2	11.78	9.6	7.4
HKLR	HY/2011/03	2016-03-04	Mid-Flood	Sunny	SR4	14:41:48	1.0	Surface	1	2	17.92	8.57	24.88	145.2	11.86	9.5	6.4
HKLR	HY/2011/03	2016-03-04	Mid-Flood	Sunny	SR4	14:41:43	2.8	Bottom	3	1	17.95	8.58	24.93	144.8	11.82	9.5	6.5
HKLR	HY/2011/03	2016-03-04	Mid-Flood	Sunny	SR4	14:41:32	2.8	Bottom	3	2	17.96	8.58	24.93	143.7	11.73	9.4	4.7
HKLR	HY/2011/03	2016-03-04	Mid-Flood	Sunny	SR5	14:55:52	1.0	Surface	1	1	17.29	8.08	26.75	122.6	9.9	1.4	3
HKLR	HY/2011/03	2016-03-04	Mid-Flood	Sunny	SR5	14:56:05	1.0	Surface	1	2	17.35	8.09	26.04	123.1	10.1	1.4	3.2
HKLR	HY/2011/03	2016-03-04	Mid-Flood	Sunny	SR5	14:55:46	4.6	Bottom	3	1	17.45	8.09	28.4	119.4	9.66	1.4	4
HKLR	HY/2011/03	2016-03-04	Mid-Flood	Sunny	SR5	14:55:58	4.6	Bottom	3	2	17.44	8.09	28.44	119.7	9.8	1.5	3.4
HKLR	HY/2011/03	2016-03-04	Mid-Flood	Sunny	SR10A	13:31:29	1.0	Surface	1	1	18.73	8.55	23.4	154.4	12.67	1.5	8.2
HKLR	HY/2011/03	2016-03-04	Mid-Flood	Sunny	SR10A	13:30:50	1.0	Surface	1	2	18.65	8.56	23.46	158.1	12.84	1.4	8.9
HKLR	HY/2011/03	2016-03-04	Mid-Flood	Sunny	SR10A	13:31:20	3.2	Middle	2	1	17.51	8.53	25.35	154.2	12.51	1.6	8.8
HKLR	HY/2011/03	2016-03-04	Mid-Flood	Sunny	SR10A	13:30:42	3.2	Middle	2	2	17.55	8.54	24.81	156.4	12.77	1.4	8.3
HKLR	HY/2011/03	2016-03-04	Mid-Flood	Sunny	SR10A	13:31:09	5.3	Bottom	3	1	17.21	8.52	26.36	152.4	12.47	1.4	9.1
HKLR	HY/2011/03	2016-03-04	Mid-Flood	Sunny	SR10A	13:30:35	5.3	Bottom	3	2	17.65	8.53	26.2	155.2	12.75	1.4	9.1
HKLR	HY/2011/03	2016-03-04	Mid-Flood	Sunny	SR10B	13:23:03	1.0	Surface	1	1	18.03	8.53	24.04	157.8	12.93	1.4	4.8
HKLR	HY/2011/03	2016-03-04	Mid-Flood	Sunny	SR10B	13:23:17	1.0	Surface	1	2	17.92	8.54	24.05	161.2	13.23	1.3	5.5
HKLR	HY/2011/03	2016-03-04	Mid-Flood	Sunny	SR10B	13:22:55	3.8	Bottom	3	1	18.11	8.51	25.33	154.6	12.55	1.3	4.4
HKLR	HY/2011/03	2016-03-04	Mid-Flood	Sunny	SR10B	13:23:10	3.8	Bottom	3	2	18.01	8.53	25.48	159.7	12.98	1.3	4
HKLR	HY/2011/03	2016-03-04	Mid-Flood	Sunny	CS2	16:04:59	1.0	Surface	1	1	17.34	8.15	24.34	123.2	10.01	1.1	1.3
HKLR	HY/2011/03	2016-03-04	Mid-Flood	Sunny	CS2	16:04:34	1.0	Surface	1	2	17.6	8.17	25.12	122.3	10.02	1.2	1.5
HKLR	HY/2011/03	2016-03-04	Mid-Flood	Sunny	CS2	16:04:54	4.1	Middle	2	1	16.94	8.11	27.62	123.7	9.96	1.3	1.5
HKLR	HY/2011/03	2016-03-04	Mid-Flood	Sunny	CS2	16:04:21	4.1	Middle	2	2	16.95	8.1	28.45	121.4	9.97	1.3	1.7
HKLR	HY/2011/03	2016-03-04	Mid-Flood	Sunny	CS2	16:04:13	7.2	Bottom	3	1	16.71	8.03	31.26	115.3	9.28	1.4	2.1
HKLR	HY/2011/03	2016-03-04	Mid-Flood	Sunny	CS2	16:04:46	7.2	Bottom	3	2	17.07	8.11	30.13	115.7	9.43	1.5	1.9
HKLR	HY/2011/03	2016-03-04	Mid-Flood	Sunny	CS(Mf)5	14:02:25	1.0	Surface	1	1	18.36	8.48	23.54	132.8	10.88	1.4	7.4
HKLR	HY/2011/03	2016-03-04	Mid-Flood	Sunny	CS(Mf)5	14:01:55	1.0	Surface	1	2	18.28	8.49	23.59	130.1	10.67	1.5	6.8
HKLR	HY/2011/03	2016-03-04	Mid-Flood	Sunny	CS(Mf)5	14:02:17	6.1	Middle	2	1	16.79	8.43	27.33	128.1	10.46	1.5	6.4
HKLR	HY/2011/03	2016-03-04	Mid-Flood	Sunny	CS(Mf)5	14:01:46	6.1	Middle	2	2	16.81	8.43	27.5	126.8	10.36	1.4	7.4
HKLR	HY/2011/03	2016-03-04	Mid-Flood	Sunny	CS(Mf)5	14:01:33	11.2	Bottom	3	1	16.7	8.44	28.23	123.9	10.18	1.4	6.9
HKLR	HY/2011/03	2016-03-04	Mid-Flood	Sunny	CS(Mf)5	14:02:07	11.2	Bottom	3	2	16.71	8.45	28.29	127.4	10.48	1.5	6.7
HKLR	HY/2011/03	2016-03-07	Mid-Ebb	Cloudy	IS5	12:36:22	1.0	Surface	1	1	18.28	8.59	25.19	140.2	11.36	2.9	7.3
HKLR	HY/2011/03	2016-03-07	Mid-Ebb	Cloudy	IS5	12:35:58	1.0	Surface	1	2	18.3	8.6	25.21	140.3	11.36	3.1	7.5
HKLR	HY/2011/03	2016-03-07	Mid-Ebb	Cloudy	IS5	12:35:44	4.1	Middle	2	1	18.31	8.6	25.22	140	11.33	3	6.9
HKLR	HY/2011/03	2016-03-07	Mid-Ebb	Cloudy	IS5	12:36:16	4.1	Middle	2	2	18.28	8.59	25.2	140.1	11.34	3.1	6.4
HKLR	HY/2011/03	2016-03-07	Mid-Ebb	Cloudy	IS5	12:35:34	7.1	Bottom	3	1	18.3	8.6	25.23	139.6	11.29	2.9	7.1
HKLR	HY/2011/03	2016-03-07	Mid-Ebb	Cloudy	IS5	12:36:07	7.1	Bottom	3	2	18.28	8.59	25.21	140.1	11.34	3	7.8
HKLR	HY/2011/03	2016-03-07	Mid-Ebb	Cloudy	IS(Mf)6	12:26:06	1.0	Surface	1	1	18.59	8.62	25.42	142.9	11.49	3.9	5.2
HKLR	HY/2011/03	2016-03-07	Mid-Ebb	Cloudy	IS(Mf)6	12:26:22	1.0	Surface	1	2	18.6	8.62	25.41	144.3	11.6	4.1	5.4
HKLR	HY/2011/03	2016-03-07	Mid-Ebb	Cloudy	IS(Mf)6	12:26:00	2.1	Bottom	3	1	18.59	8.62	25.42	142.2	11.43	3.8	7.5
HKLR	HY/2011/03	2016-03-07	Mid-Ebb	Cloudy	IS(Mf)6	12:26:12	2.1	Bottom	3	2	18.59	8.62	25.42	143.5	11.54	4	6.4
HKLR	HY/2011/03	2016-03-07	Mid-Ebb	Cloudy	IS7	12:18:44	1.0	Surface	1	1	18.55	8.66	25.01	155.1	12.51	2.5	7.4
HKLR	HY/2011/03	2016-03-07	Mid-Ebb	Cloudy	IS7	12:18:30	1.0	Surface	1	2	18.49	8.65	25.04	151.4	12.22	2.4	7.8
HKLR	HY/2011/03	2016-03-07	Mid-Ebb	Cloudy	IS7	12:18:23	2.1	Bottom	3	1	18.46	8.64	25.09	150.1	12.12	2.5	6.3
HKLR	HY/2011/03	2016-03-07	Mid-Ebb	Cloudy	IS7	12:18:35	2.1	Bottom	3	2	18.51	8.65	25.03	152.8	12.33	2.4	7.4
HKLR	HY/2011/03	2016-03-07	Mid-Ebb	Cloudy	IS8	11:57:10	1.0	Surface	1	1	18.29	8.56	25.06	135	10.94	2.5	4.3
HKLR	HY/2011/03	2016-03-07	Mid-Ebb	Cloudy	IS8	11:57:25	1.0	Surface	1	2	18.29	8.56	25.12	137.8	11.16	2.5	3.9
HKLR	HY/2011/03	2016-03-07	Mid-Ebb	Cloudy	IS8	11:57:04	2.8	Bottom	3	1	18.29	8.55	25.12	131.2	10.63	2.7	8.3
HKLR	HY/2011/03	2016-03-07	Mid-Ebb	Cloudy	IS8	11:57:16	2.8	Bottom	3	2	18.29	8.56	25.21	133.1	10.78	2.4	7.2
HKLR	HY/2011/03	2016-03-07	Mid-Ebb	Cloudy	IS(Mf)9	12:11:14	1.0	Surface	1	1	18.56	8.65	25.08	156.4	12.61	1.7	6.8
HKLR	HY/2011/03	2016-03-07	Mid-Ebb	Cloudy	IS(Mf)9	12:11:33	1.0	Surface	1	2	18.55	8.65	25.09	159.2	12.83	1.7	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	2016-03-07	Mid-Ebb	Cloudy	IS(Mf)9	12:11:26	2.6	Bottom	3	1	18.56	8.65	25.09	158.4	12.77	1.7	7.4
HKLR	HY/2011/03	2016-03-07	Mid-Ebb	Cloudy	IS(Mf)9	12:11:07	2.6	Bottom	3	2	18.56	8.64	25.09	154.6	12.46	1.7	6.6
HKLR	HY/2011/03	2016-03-07	Mid-Ebb	Cloudy	IS10	11:42:04	1.0	Surface	1	1	18.04	8.13	26.68	129.1	10.39	1.2	3.3
HKLR	HY/2011/03	2016-03-07	Mid-Ebb	Cloudy	IS10	11:42:45	1.0	Surface	1	2	18.08	8.13	26.59	128	10.32	1.2	3.9
HKLR	HY/2011/03	2016-03-07	Mid-Ebb	Cloudy	IS10	11:42:35	5.3	Middle	2	1	17.89	8.11	27.16	127.3	10.26	1.3	5.9
HKLR	HY/2011/03	2016-03-07	Mid-Ebb	Cloudy	IS10	11:41:58	5.3	Middle	2	2	17.87	8.12	27.27	127.3	10.26	1.3	5.3
HKLR	HY/2011/03	2016-03-07	Mid-Ebb	Cloudy	IS10	11:41:52	9.6	Bottom	3	1	17.96	8.12	27.32	125.6	10.13	1.4	4.6
HKLR	HY/2011/03	2016-03-07	Mid-Ebb	Cloudy	IS10	11:42:27	9.6	Bottom	3	2	17.83	8.07	27.72	125.6	10.14	1.4	6.8
HKLR	HY/2011/03	2016-03-07	Mid-Ebb	Cloudy	SR3	12:46:07	0.7	Middle	2	1	18.29	8.59	25.19	140.7	11.39	2.9	5.9
HKLR	HY/2011/03	2016-03-07	Mid-Ebb	Cloudy	SR3	12:46:02	0.7	Middle	2	2	18.28	8.59	25.18	140.5	11.38	2.8	6.1
HKLR	HY/2011/03	2016-03-07	Mid-Ebb	Cloudy	SR4	12:04:34	1.0	Surface	1	1	18.3	8.57	25.03	142	11.51	2.2	4.4
HKLR	HY/2011/03	2016-03-07	Mid-Ebb	Cloudy	SR4	12:04:50	1.0	Surface	1	2	18.29	8.58	25	142.4	11.54	2.2	5
HKLR	HY/2011/03	2016-03-07	Mid-Ebb	Cloudy	SR4	12:04:42	2.7	Bottom	3	1	18.3	8.57	25.34	142.4	11.52	2.2	4.9
HKLR	HY/2011/03	2016-03-07	Mid-Ebb	Cloudy	SR4	12:04:27	2.7	Bottom	3	2	18.3	8.57	25.4	142.3	11.5	2.3	4.2
HKLR	HY/2011/03	2016-03-07	Mid-Ebb	Cloudy	SR5	11:50:29	1.0	Surface	1	1	18.06	8.13	26.59	129.1	10.41	1.1	5.8
HKLR	HY/2011/03	2016-03-07	Mid-Ebb	Cloudy	SR5	11:50:50	1.0	Surface	1	2	17.99	8.13	26.78	130.8	10.53	1.2	5.6
HKLR	HY/2011/03	2016-03-07	Mid-Ebb	Cloudy	SR5	11:50:42	4.1	Bottom	3	1	17.89	8.12	27.43	128.5	10.35	1.3	5.8
HKLR	HY/2011/03	2016-03-07	Mid-Ebb	Cloudy	SR5	11:50:21	4.1	Bottom	3	2	18	8.13	26.86	128.8	10.39	1.3	5.7
HKLR	HY/2011/03	2016-03-07	Mid-Ebb	Cloudy	SR10A	10:47:27	1.0	Surface	1	1	17.73	8.51	25.59	137	11.18	1.8	5.4
HKLR	HY/2011/03	2016-03-07	Mid-Ebb	Cloudy	SR10A	10:46:48	1.0	Surface	1	2	18.02	8.51	25.15	135	10.99	1.9	4
HKLR	HY/2011/03	2016-03-07	Mid-Ebb	Cloudy	SR10A	10:46:38	3.2	Middle	2	1	17.57	8.49	26.06	134.7	10.98	1.8	5.6
HKLR	HY/2011/03	2016-03-07	Mid-Ebb	Cloudy	SR10A	10:47:20	3.2	Middle	2	2	17.45	8.49	26.39	134.1	10.95	1.8	4.2
HKLR	HY/2011/03	2016-03-07	Mid-Ebb	Cloudy	SR10A	10:46:26	5.4	Bottom	3	1	17.64	8.49	26.21	132.8	10.84	1.8	5.2
HKLR	HY/2011/03	2016-03-07	Mid-Ebb	Cloudy	SR10A	10:47:12	5.4	Bottom	3	2	17.41	8.49	26.76	133.9	10.94	1.8	5.4
HKLR	HY/2011/03	2016-03-07	Mid-Ebb	Cloudy	SR10B	10:37:54	1.0	Surface	1	1	17.88	8.52	25.34	134.9	11	1.5	3.9
HKLR	HY/2011/03	2016-03-07	Mid-Ebb	Cloudy	SR10B	10:37:31	1.0	Surface	1	2	17.75	8.51	25.58	130.4	10.65	1.6	4.3
HKLR	HY/2011/03	2016-03-07	Mid-Ebb	Cloudy	SR10B	10:37:23	4.1	Bottom	3	1	17.67	8.5	25.97	129	10.52	1.5	3.8
HKLR	HY/2011/03	2016-03-07	Mid-Ebb	Cloudy	SR10B	10:37:38	4.1	Bottom	3	2	17.66	8.5	26	131.7	10.74	1.6	3.2
HKLR	HY/2011/03	2016-03-07	Mid-Ebb	Cloudy	CS2	13:08:50	1.0	Surface	1	1	18.16	8.17	21.74	133	11.02	2.1	3.5
HKLR	HY/2011/03	2016-03-07	Mid-Ebb	Cloudy	CS2	13:08:16	1.0	Surface	1	2	18.12	8.16	22.34	133.4	10.97	2.2	3.8
HKLR	HY/2011/03	2016-03-07	Mid-Ebb	Cloudy	CS2	13:08:05	4.0	Middle	2	1	17.98	8.15	22.68	131.6	10.87	2.3	5.2
HKLR	HY/2011/03	2016-03-07	Mid-Ebb	Cloudy	CS2	13:08:41	4.0	Middle	2	2	18.07	8.16	22.01	131.2	10.88	2.2	4.9
HKLR	HY/2011/03	2016-03-07	Mid-Ebb	Cloudy	CS2	13:08:30	6.9	Bottom	3	1	17.74	8.13	24.15	131	10.78	2.4	4.7
HKLR	HY/2011/03	2016-03-07	Mid-Ebb	Cloudy	CS2	13:07:49	6.9	Bottom	3	2	17.7	8.12	24.49	129.3	10.69	2.4	4.5
HKLR	HY/2011/03	2016-03-07	Mid-Ebb	Cloudy	CS(Mf)5	11:22:09	1.0	Surface	1	1	17.81	8.51	25.18	134.4	10.91	1.2	5.2
HKLR	HY/2011/03	2016-03-07	Mid-Ebb	Cloudy	CS(Mf)5	11:22:48	1.0	Surface	1	2	18.01	8.51	25.19	130.2	10.6	1.2	5.5
HKLR	HY/2011/03	2016-03-07	Mid-Ebb	Cloudy	CS(Mf)5	11:22:00	6.2	Middle	2	1	17.36	8.48	27.02	127.8	10.44	1.2	4.8
HKLR	HY/2011/03	2016-03-07	Mid-Ebb	Cloudy	CS(Mf)5	11:22:37	6.2	Middle	2	2	17.38	8.48	26.97	129.1	10.5	1.2	4.8
HKLR	HY/2011/03	2016-03-07	Mid-Ebb	Cloudy	CS(Mf)5	11:22:22	11.4	Bottom	3	1	17.45	8.48	27.05	126.8	10.34	1.2	4.9
HKLR	HY/2011/03	2016-03-07	Mid-Ebb	Cloudy	CS(Mf)5	11:21:52	11.4	Bottom	3	2	17.35	8.48	27.16	126.3	10.3	1.2	5.2
HKLR	HY/2011/03	2016-03-07	Mid-Flood	Cloudy	IS5	16:23:18	1.0	Surface	1	1	19	8.67	26.64	150.7	11.93	5.6	14
HKLR	HY/2011/03	2016-03-07	Mid-Flood	Cloudy	IS5	16:23:43	1.0	Surface	1	2	18.82	8.66	26.7	151.2	12.01	5.6	13.6
HKLR	HY/2011/03	2016-03-07	Mid-Flood	Cloudy	IS5	16:23:08	4.4	Middle	2	1	18.86	8.66	26.73	147.5	11.71	5.6	14.5
HKLR	HY/2011/03	2016-03-07	Mid-Flood	Cloudy	IS5	16:23:37	4.4	Middle	2	2	18.71	8.66	26.74	150.5	11.98	5.7	13.8
HKLR	HY/2011/03	2016-03-07	Mid-Flood	Cloudy	IS5	16:22:57	7.8	Bottom	3	1	18.8	8.67	26.76	144.3	11.46	5.8	13.4
HKLR	HY/2011/03	2016-03-07	Mid-Flood	Cloudy	IS5	16:23:28	7.8	Bottom	3	2	18.78	8.66	26.71	150.7	11.98	5.6	14.5
HKLR	HY/2011/03	2016-03-07	Mid-Flood	Cloudy	IS(Mf)6	16:31:11	1.0	Surface	1	1	18.51	8.63	26.44	142.9	11.44	3.4	6.2
HKLR	HY/2011/03	2016-03-07	Mid-Flood	Cloudy	IS(Mf)6	16:31:00	1.0	Surface	1	2	18.52	8.63	26.46	141.9	11.35	3.5	5.4
HKLR	HY/2011/03	2016-03-07	Mid-Flood	Cloudy	IS(Mf)6	16:31:05	2.1	Bottom	3	1	18.52	8.63	26.46	142.4	11.39	3.6	6.9
HKLR	HY/2011/03	2016-03-07	Mid-Flood	Cloudy	IS(Mf)6	16:30:55	2.1	Bottom	3	2	18.53	8.63	26.47	141.2	11.3	3.6	6.9
HKLR	HY/2011/03	2016-03-07	Mid-Flood	Cloudy	IS7	16:36:01	1.0	Surface	1	1	18.52	8.63	26.4	145.1	11.61	3.2	6.1
HKLR	HY/2011/03	2016-03-07	Mid-Flood	Cloudy	IS7	16:36:16	1.0	Surface	1	2	18.52	8.63	26.4	145.3	11.63	3.2	6.1

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2016-03-07	Mid-Flood	Cloudy	IS7	16:35:54	2.3	Bottom	3	1	18.52	8.63	26.42	144.8	11.59	3.2	7.5
HKLR	HY/2011/03	2016-03-07	Mid-Flood	Cloudy	IS7	16:36:08	2.3	Bottom	3	2	18.52	8.63	26.41	145.1	11.61	3.3	8
HKLR	HY/2011/03	2016-03-07	Mid-Flood	Cloudy	IS8	16:59:32	1.0	Surface	1	1	18.08	8.59	25.94	140.1	11.34	2.4	5
HKLR	HY/2011/03	2016-03-07	Mid-Flood	Cloudy	IS8	16:59:19	1.0	Surface	1	2	18.08	8.59	25.95	140.1	11.34	2.4	5.3
HKLR	HY/2011/03	2016-03-07	Mid-Flood	Cloudy	IS8	16:59:25	2.9	Bottom	3	1	18.08	8.59	25.99	140	11.33	2.5	7.3
HKLR	HY/2011/03	2016-03-07	Mid-Flood	Cloudy	IS8	16:59:13	2.9	Bottom	3	2	18.09	8.59	25.96	139.9	11.32	2.4	5.5
HKLR	HY/2011/03	2016-03-07	Mid-Flood	Cloudy	IS(Mf)9	16:43:45	1.0	Surface	1	1	18.62	8.65	26.15	150.3	12.02	2.4	6.2
HKLR	HY/2011/03	2016-03-07	Mid-Flood	Cloudy	IS(Mf)9	16:43:58	1.0	Surface	1	2	18.63	8.65	26.15	152.4	12.19	2.5	6.1
HKLR	HY/2011/03	2016-03-07	Mid-Flood	Cloudy	IS(Mf)9	16:43:40	2.7	Bottom	3	1	18.63	8.65	26.16	149	11.91	2.4	7.2
HKLR	HY/2011/03	2016-03-07	Mid-Flood	Cloudy	IS(Mf)9	16:43:51	2.7	Bottom	3	2	18.63	8.65	26.19	151.4	12.11	2.5	5.8
HKLR	HY/2011/03	2016-03-07	Mid-Flood	Cloudy	IS10	17:58:42	1.0	Surface	1	1	18	8.15	21.23	133.5	11.12	1.5	4.7
HKLR	HY/2011/03	2016-03-07	Mid-Flood	Cloudy	IS10	17:59:22	1.0	Surface	1	2	18.01	8.15	20.82	133.1	11.12	1.4	4.2
HKLR	HY/2011/03	2016-03-07	Mid-Flood	Cloudy	IS10	17:58:03	5.3	Middle	2	1	18.1	8.16	21.61	133.5	11.08	1.7	5.9
HKLR	HY/2011/03	2016-03-07	Mid-Flood	Cloudy	IS10	17:59:14	5.3	Middle	2	2	18.02	8.15	21.39	133.2	11.08	1.6	6
HKLR	HY/2011/03	2016-03-07	Mid-Flood	Cloudy	IS10	17:59:06	9.6	Bottom	3	1	18.03	8.15	21.57	133.1	10.96	1.8	5.3
HKLR	HY/2011/03	2016-03-07	Mid-Flood	Cloudy	IS10	17:57:55	9.6	Bottom	3	2	18.04	8.15	22.1	133.1	10.94	1.9	4.3
HKLR	HY/2011/03	2016-03-07	Mid-Flood	Cloudy	SR3	16:11:41	0.7	Middle	2	1	18.95	8.65	26.7	147.3	11.67	5.5	16.7
HKLR	HY/2011/03	2016-03-07	Mid-Flood	Cloudy	SR3	16:11:36	0.7	Middle	2	2	18.87	8.65	26.71	146.1	11.6	5.1	16.5
HKLR	HY/2011/03	2016-03-07	Mid-Flood	Cloudy	SR4	16:53:12	1.0	Surface	1	1	18.08	8.6	25.96	137.4	11.12	3.2	4.4
HKLR	HY/2011/03	2016-03-07	Mid-Flood	Cloudy	SR4	16:53:27	1.0	Surface	1	2	18.08	8.59	25.95	138.5	11.21	3.1	4.9
HKLR	HY/2011/03	2016-03-07	Mid-Flood	Cloudy	SR4	16:53:04	2.9	Bottom	3	1	18.06	8.6	26	136.6	11.05	3.3	5.2
HKLR	HY/2011/03	2016-03-07	Mid-Flood	Cloudy	SR4	16:53:18	2.9	Bottom	3	2	18.07	8.6	25.98	137.9	11.16	3.1	5.3
HKLR	HY/2011/03	2016-03-07	Mid-Flood	Cloudy	SR5	17:47:22	1.0	Surface	1	1	18.01	8.12	24.05	125.9	10.25	1.3	4.4
HKLR	HY/2011/03	2016-03-07	Mid-Flood	Cloudy	SR5	17:47:05	1.0	Surface	1	2	18.01	8.12	24.68	125.9	10.24	1.5	3.7
HKLR	HY/2011/03	2016-03-07	Mid-Flood	Cloudy	SR5	17:47:14	4.2	Bottom	3	1	18.01	8.12	24.66	121.5	9.75	1.6	5.2
HKLR	HY/2011/03	2016-03-07	Mid-Flood	Cloudy	SR5	17:46:54	4.2	Bottom	3	2	18	8.11	25.67	120	9.68	1.6	3.6
HKLR	HY/2011/03	2016-03-07	Mid-Flood	Cloudy	SR10A	18:11:58	1.0	Surface	1	1	18.16	8.59	25.13	143.7	11.67	1.5	6.8
HKLR	HY/2011/03	2016-03-07	Mid-Flood	Cloudy	SR10A	18:12:20	1.0	Surface	1	2	18.15	8.59	25.16	143.8	11.67	1.5	5
HKLR	HY/2011/03	2016-03-07	Mid-Flood	Cloudy	SR10A	18:12:11	3.3	Middle	2	1	18.03	8.58	25.51	143.1	11.62	1.5	6.3
HKLR	HY/2011/03	2016-03-07	Mid-Flood	Cloudy	SR10A	18:11:51	3.3	Middle	2	2	18.09	8.58	25.4	142.9	11.6	1.5	5
HKLR	HY/2011/03	2016-03-07	Mid-Flood	Cloudy	SR10A	18:11:43	5.5	Bottom	3	1	18.12	8.58	25.5	142.8	11.58	1.5	5
HKLR	HY/2011/03	2016-03-07	Mid-Flood	Cloudy	SR10A	18:12:04	5.5	Bottom	3	2	18.13	8.58	26.23	143.6	11.59	1.5	5.3
HKLR	HY/2011/03	2016-03-07	Mid-Flood	Cloudy	SR10B	18:21:29	1.0	Surface	1	1	18.17	8.6	25.11	145.2	11.79	1.9	4.5
HKLR	HY/2011/03	2016-03-07	Mid-Flood	Cloudy	SR10B	18:21:44	1.0	Surface	1	2	18.14	8.6	25.19	145.6	11.82	1.8	4.6
HKLR	HY/2011/03	2016-03-07	Mid-Flood	Cloudy	SR10B	18:21:21	4.4	Bottom	3	1	18.14	8.59	25.34	144.9	11.75	1.8	6.1
HKLR	HY/2011/03	2016-03-07	Mid-Flood	Cloudy	SR10B	18:21:37	4.4	Bottom	3	2	18.15	8.6	25.31	145.4	11.8	1.9	4.8
HKLR	HY/2011/03	2016-03-07	Mid-Flood	Cloudy	CS2	16:34:12	1.0	Surface	1	1	17.83	8.12	26.03	121.4	9.82	1.3	4.3
HKLR	HY/2011/03	2016-03-07	Mid-Flood	Cloudy	CS2	16:33:38	1.0	Surface	1	2	17.9	8.11	25.87	120.5	9.79	1.2	4.9
HKLR	HY/2011/03	2016-03-07	Mid-Flood	Cloudy	CS2	16:34:05	4.1	Middle	2	1	17.7	8.1	26.62	120.1	9.75	1.3	5
HKLR	HY/2011/03	2016-03-07	Mid-Flood	Cloudy	CS2	16:33:24	4.1	Middle	2	2	17.66	8.09	26.93	120.9	9.61	1.3	5.5
HKLR	HY/2011/03	2016-03-07	Mid-Flood	Cloudy	CS2	16:33:13	7.1	Bottom	3	1	17.69	8.11	27.11	111.4	9.04	1.5	6.4
HKLR	HY/2011/03	2016-03-07	Mid-Flood	Cloudy	CS2	16:33:55	7.1	Bottom	3	2	17.7	8.09	27.17	111.7	9.01	1.5	5.1
HKLR	HY/2011/03	2016-03-07	Mid-Flood	Cloudy	CS(Mf)5	17:37:53	1.0	Surface	1	1	17.98	8.56	25.21	132.1	10.76	1.7	5.4
HKLR	HY/2011/03	2016-03-07	Mid-Flood	Cloudy	CS(Mf)5	17:38:28	1.0	Surface	1	2	17.97	8.56	25.24	132.8	10.81	1.7	5.7
HKLR	HY/2011/03	2016-03-07	Mid-Flood	Cloudy	CS(Mf)5	17:38:20	6.1	Middle	2	1	17.67	8.53	26.53	130.7	10.62	1.8	4.6
HKLR	HY/2011/03	2016-03-07	Mid-Flood	Cloudy	CS(Mf)5	17:37:46	6.1	Middle	2	2	17.68	8.53	26.56	129.7	10.54	1.9	5.5
HKLR	HY/2011/03	2016-03-07	Mid-Flood	Cloudy	CS(Mf)5	17:38:09	11.2	Bottom	3	1	17.5	8.52	28.15	132.2	10.68	1.8	5.9
HKLR	HY/2011/03	2016-03-07	Mid-Flood	Cloudy	CS(Mf)5	17:37:34	11.2	Bottom	3	2	17.5	8.52	28.09	131.2	10.6	1.8	5.4
HKLR	HY/2011/03	2016-03-09	Mid-Ebb	Cloudy	IS5	12:12:35	1.0	Surface	1	1	18.52	8.1	26.33	124.3	9.95	6.2	8.3
HKLR	HY/2011/03	2016-03-09	Mid-Ebb	Cloudy	IS5	12:12:00	1.0	Surface	1	2	18.52	8.09	26.33	124.1	9.93	6	8.7
HKLR	HY/2011/03	2016-03-09	Mid-Ebb	Cloudy	IS5	12:11:54	4.2	Middle	2	1	18.52	8.09	26.34	123.8	9.91	5.7	9.1
HKLR	HY/2011/03	2016-03-09	Mid-Ebb	Cloudy	IS5	12:12:27	4.2	Middle	2	2	18.51	8.1	26.34	124.1	9.94	6.1	8.5

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	2016-03-09	Mid-Ebb	Cloudy	IS5	12:11:47	7.4	Bottom	3	1	18.52	8.09	26.34	123.5	9.88	5.8	8.6
HKLR	HY/2011/03	2016-03-09	Mid-Ebb	Cloudy	IS5	12:12:18	7.4	Bottom	3	2	18.51	8.1	26.34	123.8	9.92	6.1	8
HKLR	HY/2011/03	2016-03-09	Mid-Ebb	Cloudy	IS(Mf)6	12:19:57	1.0	Surface	1	1	18.73	8.15	26.34	124.5	9.93	4.7	6.8
HKLR	HY/2011/03	2016-03-09	Mid-Ebb	Cloudy	IS(Mf)6	12:19:45	1.0	Surface	1	2	18.72	8.15	26.35	123.4	9.84	4.8	6.9
HKLR	HY/2011/03	2016-03-09	Mid-Ebb	Cloudy	IS(Mf)6	12:19:50	2.3	Bottom	3	1	18.72	8.15	26.36	123.8	9.87	4.7	7.8
HKLR	HY/2011/03	2016-03-09	Mid-Ebb	Cloudy	IS(Mf)6	12:19:39	2.3	Bottom	3	2	18.73	8.14	26.36	122.6	9.77	4.8	7.9
HKLR	HY/2011/03	2016-03-09	Mid-Ebb	Cloudy	IS7	12:26:00	1.0	Surface	1	1	18.79	8.16	26.27	127.9	10.19	3.9	7.5
HKLR	HY/2011/03	2016-03-09	Mid-Ebb	Cloudy	IS7	12:26:15	1.0	Surface	1	2	18.74	8.16	26.31	127.8	10.19	3.8	8.4
HKLR	HY/2011/03	2016-03-09	Mid-Ebb	Cloudy	IS7	12:26:09	2.2	Bottom	3	1	18.73	8.16	26.33	127.9	10.2	3.8	7.1
HKLR	HY/2011/03	2016-03-09	Mid-Ebb	Cloudy	IS7	12:25:51	2.2	Bottom	3	2	18.77	8.16	26.3	127.6	10.17	3.9	7.8
HKLR	HY/2011/03	2016-03-09	Mid-Ebb	Cloudy	IS8	12:47:24	1.0	Surface	1	1	18.68	8.19	26.04	129.5	10.35	2.7	5.8
HKLR	HY/2011/03	2016-03-09	Mid-Ebb	Cloudy	IS8	12:47:12	1.0	Surface	1	2	18.73	8.19	26.04	129	10.3	2.7	5.5
HKLR	HY/2011/03	2016-03-09	Mid-Ebb	Cloudy	IS8	12:47:18	3.1	Bottom	3	1	18.73	8.19	26	129.1	10.32	2.8	4
HKLR	HY/2011/03	2016-03-09	Mid-Ebb	Cloudy	IS8	12:47:06	3.1	Bottom	3	2	18.75	8.19	26.01	128.5	10.26	2.8	4.5
HKLR	HY/2011/03	2016-03-09	Mid-Ebb	Cloudy	IS(Mf)9	12:34:23	1.0	Surface	1	1	18.85	8.21	26	136.7	10.9	2.8	5
HKLR	HY/2011/03	2016-03-09	Mid-Ebb	Cloudy	IS(Mf)9	12:34:11	1.0	Surface	1	2	18.82	8.21	26.02	134.5	10.73	2.9	4.7
HKLR	HY/2011/03	2016-03-09	Mid-Ebb	Cloudy	IS(Mf)9	12:34:04	2.7	Bottom	3	1	18.81	8.2	26.01	133.2	10.63	3.1	5.6
HKLR	HY/2011/03	2016-03-09	Mid-Ebb	Cloudy	IS(Mf)9	12:34:16	2.7	Bottom	3	2	18.85	8.21	26	135.6	10.81	2.8	6.3
HKLR	HY/2011/03	2016-03-09	Mid-Ebb	Cloudy	IS10	13:18:47	1.0	Surface	1	1	18.37	8.09	15.36	118.3	10.14	2	3.1
HKLR	HY/2011/03	2016-03-09	Mid-Ebb	Cloudy	IS10	13:18:15	1.0	Surface	1	2	18.32	8.09	15.44	119.6	10.23	2	3.6
HKLR	HY/2011/03	2016-03-09	Mid-Ebb	Cloudy	IS10	13:18:06	5.5	Middle	2	1	18.06	8.08	16.5	116.4	9.99	2	3.1
HKLR	HY/2011/03	2016-03-09	Mid-Ebb	Cloudy	IS10	13:18:33	5.5	Middle	2	2	18.07	8.08	16.22	117.2	10.06	2.1	4.2
HKLR	HY/2011/03	2016-03-09	Mid-Ebb	Cloudy	IS10	13:18:26	10.0	Bottom	3	1	18.12	8.08	16.22	117	10.03	2.1	4.2
HKLR	HY/2011/03	2016-03-09	Mid-Ebb	Cloudy	IS10	13:17:55	10.0	Bottom	3	2	18.06	8.07	16.77	116.4	9.98	2	5.8
HKLR	HY/2011/03	2016-03-09	Mid-Ebb	Cloudy	SR3	12:01:27	0.7	Middle	2	1	18.49	8.04	26.36	117.4	9.41	5.9	9.7
HKLR	HY/2011/03	2016-03-09	Mid-Ebb	Cloudy	SR3	12:01:32	0.7	Middle	2	2	18.48	8.05	26.35	118.5	9.49	5.9	9.5
HKLR	HY/2011/03	2016-03-09	Mid-Ebb	Cloudy	SR4	12:42:15	1.0	Surface	1	1	18.65	8.19	26.08	125.8	10.06	2.6	5.7
HKLR	HY/2011/03	2016-03-09	Mid-Ebb	Cloudy	SR4	12:42:03	1.0	Surface	1	2	18.6	8.19	26.11	124.4	9.96	2.6	5.2
HKLR	HY/2011/03	2016-03-09	Mid-Ebb	Cloudy	SR4	12:42:10	2.8	Bottom	3	1	18.63	8.19	26.06	125.1	10.01	2.7	5.3
HKLR	HY/2011/03	2016-03-09	Mid-Ebb	Cloudy	SR4	12:41:58	2.8	Bottom	3	2	18.69	8.2	26.04	123.5	9.88	2.6	5.3
HKLR	HY/2011/03	2016-03-09	Mid-Ebb	Cloudy	SR5	13:12:05	1.0	Surface	1	1	18.21	8.08	15.68	118.2	10.14	1.9	3.4
HKLR	HY/2011/03	2016-03-09	Mid-Ebb	Cloudy	SR5	13:11:47	1.0	Surface	1	2	18.31	8.08	15.38	115.8	9.94	2	2.4
HKLR	HY/2011/03	2016-03-09	Mid-Ebb	Cloudy	SR5	13:11:36	4.1	Bottom	3	1	18.25	8.08	15.57	114.3	9.81	2.1	3.7
HKLR	HY/2011/03	2016-03-09	Mid-Ebb	Cloudy	SR5	13:11:57	4.1	Bottom	3	2	18.13	8.08	15.98	117.1	10.05	2.1	4.1
HKLR	HY/2011/03	2016-03-09	Mid-Ebb	Cloudy	SR10A	13:57:09	1.0	Surface	1	1	18.34	8.14	25.86	128.8	10.37	2.1	2.7
HKLR	HY/2011/03	2016-03-09	Mid-Ebb	Cloudy	SR10A	13:57:45	1.0	Surface	1	2	18.33	8.14	25.87	128.8	10.38	1.8	3.9
HKLR	HY/2011/03	2016-03-09	Mid-Ebb	Cloudy	SR10A	13:57:02	3.3	Middle	2	1	18.24	8.14	25.97	128.5	10.36	2	3.5
HKLR	HY/2011/03	2016-03-09	Mid-Ebb	Cloudy	SR10A	13:57:37	3.3	Middle	2	2	18.19	8.14	26.02	128.3	10.36	1.9	2.4
HKLR	HY/2011/03	2016-03-09	Mid-Ebb	Cloudy	SR10A	13:57:29	5.5	Bottom	3	1	18.1	8.14	26.13	128.2	10.36	1.9	5.4
HKLR	HY/2011/03	2016-03-09	Mid-Ebb	Cloudy	SR10A	13:56:56	5.5	Bottom	3	2	18.3	8.14	25.93	128.4	10.34	2	5.8
HKLR	HY/2011/03	2016-03-09	Mid-Ebb	Cloudy	SR10B	14:07:00	1.0	Surface	1	1	18.3	8.14	25.87	128.8	10.38	1.9	2.2
HKLR	HY/2011/03	2016-03-09	Mid-Ebb	Cloudy	SR10B	14:07:28	1.0	Surface	1	2	18.27	8.15	25.89	129.2	10.42	1.9	3.6
HKLR	HY/2011/03	2016-03-09	Mid-Ebb	Cloudy	SR10B	14:07:20	4.0	Bottom	3	1	18.11	8.14	26.1	128.8	10.41	1.8	6
HKLR	HY/2011/03	2016-03-09	Mid-Ebb	Cloudy	SR10B	14:06:50	4.0	Bottom	3	2	18.17	8.14	26.04	128.3	10.36	1.8	4.3
HKLR	HY/2011/03	2016-03-09	Mid-Ebb	Cloudy	CS2	11:56:12	1.0	Surface	1	1	18.45	8.08	25.71	114.1	9.18	3	2.8
HKLR	HY/2011/03	2016-03-09	Mid-Ebb	Cloudy	CS2	11:55:19	1.0	Surface	1	2	18.45	8.06	26.91	108.8	8.69	3	4.8
HKLR	HY/2011/03	2016-03-09	Mid-Ebb	Cloudy	CS2	11:55:58	4.1	Middle	2	1	18.13	8.07	27.58	113.8	9.09	3.1	5.4
HKLR	HY/2011/03	2016-03-09	Mid-Ebb	Cloudy	CS2	11:55:06	4.1	Middle	2	2	18.14	8.04	27.86	108.3	8.65	3	4.7
HKLR	HY/2011/03	2016-03-09	Mid-Ebb	Cloudy	CS2	11:55:43	7.1	Bottom	3	1	18.1	8.07	27.97	112.7	9.02	3.1	5
HKLR	HY/2011/03	2016-03-09	Mid-Ebb	Cloudy	CS2	11:54:47	7.1	Bottom	3	2	18.15	8.01	27.98	103.5	8.27	3.3	4.8
HKLR	HY/2011/03	2016-03-09	Mid-Ebb	Cloudy	CS(Mf)5	13:24:46	1.0	Surface	1	1	18.31	8.13	25.91	126.4	10.18	2.5	5
HKLR	HY/2011/03	2016-03-09	Mid-Ebb	Cloudy	CS(Mf)5	13:24:13	1.0	Surface	1	2	18.18	8.13	26.03	125	10.1	2.5	5.1

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2016-03-09	Mid-Ebb	Cloudy	CS(Mf)5	13:24:35	6.1	Middle	2	1	17.93	8.12	26.54	124.7	10.09	2.6	4.8
HKLR	HY/2011/03	2016-03-09	Mid-Ebb	Cloudy	CS(Mf)5	13:24:04	6.1	Middle	2	2	17.98	8.12	26.41	123.6	10	2.6	3.2
HKLR	HY/2011/03	2016-03-09	Mid-Ebb	Cloudy	CS(Mf)5	13:23:55	11.2	Bottom	3	1	17.99	8.12	26.65	123.7	9.99	2.6	4.1
HKLR	HY/2011/03	2016-03-09	Mid-Ebb	Cloudy	CS(Mf)5	13:24:29	11.2	Bottom	3	2	17.92	8.12	26.79	125	10.09	2.7	5.1
HKLR	HY/2011/03	2016-03-09	Mid-Flood	Cloudy	IS5	08:36:23	1.0	Surface	1	1	18.62	8.34	25.88	122.1	9.78	3.9	4.7
HKLR	HY/2011/03	2016-03-09	Mid-Flood	Cloudy	IS5	08:36:48	1.0	Surface	1	2	18.63	8.35	25.88	122.8	9.84	3.9	4.1
HKLR	HY/2011/03	2016-03-09	Mid-Flood	Cloudy	IS5	08:36:39	4.5	Middle	2	1	18.62	8.35	25.89	122.4	9.8	3.9	6
HKLR	HY/2011/03	2016-03-09	Mid-Flood	Cloudy	IS5	08:36:15	4.5	Middle	2	2	18.62	8.34	25.89	121.5	9.73	3.9	5.9
HKLR	HY/2011/03	2016-03-09	Mid-Flood	Cloudy	IS5	08:36:06	7.9	Bottom	3	1	18.62	8.34	25.89	120.9	9.68	4.1	5.7
HKLR	HY/2011/03	2016-03-09	Mid-Flood	Cloudy	IS5	08:36:31	7.9	Bottom	3	2	18.62	8.35	25.89	122.1	9.78	3.8	5.5
HKLR	HY/2011/03	2016-03-09	Mid-Flood	Cloudy	IS(Mf)6	08:27:40	1.0	Surface	1	1	18.76	8.34	25.61	121.4	9.71	3.2	3.8
HKLR	HY/2011/03	2016-03-09	Mid-Flood	Cloudy	IS(Mf)6	08:27:54	1.0	Surface	1	2	18.75	8.34	25.6	123.4	9.88	3.2	3.8
HKLR	HY/2011/03	2016-03-09	Mid-Flood	Cloudy	IS(Mf)6	08:27:32	2.2	Bottom	3	1	18.76	8.33	25.66	119.6	9.57	3.3	4.4
HKLR	HY/2011/03	2016-03-09	Mid-Flood	Cloudy	IS(Mf)6	08:27:45	2.2	Bottom	3	2	18.75	8.34	25.65	122.2	9.78	3.3	5.2
HKLR	HY/2011/03	2016-03-09	Mid-Flood	Cloudy	IS7	08:21:04	1.0	Surface	1	1	18.32	8.29	25.62	119	9.6	3.9	5
HKLR	HY/2011/03	2016-03-09	Mid-Flood	Cloudy	IS7	08:20:51	1.0	Surface	1	2	18.32	8.29	25.63	117.7	9.5	3.8	6.1
HKLR	HY/2011/03	2016-03-09	Mid-Flood	Cloudy	IS7	08:20:56	2.3	Bottom	3	1	18.32	8.29	25.63	118.2	9.54	3.7	4.3
HKLR	HY/2011/03	2016-03-09	Mid-Flood	Cloudy	IS7	08:20:44	2.3	Bottom	3	2	18.32	8.29	25.64	116.6	9.41	3.8	4.9
HKLR	HY/2011/03	2016-03-09	Mid-Flood	Cloudy	IS8	07:57:44	1.0	Surface	1	1	18.1	8.27	25.51	117.2	9.51	3.6	4.7
HKLR	HY/2011/03	2016-03-09	Mid-Flood	Cloudy	IS8	07:58:03	1.0	Surface	1	2	18.15	8.27	25.44	119.1	9.65	3.5	4.2
HKLR	HY/2011/03	2016-03-09	Mid-Flood	Cloudy	IS8	07:57:51	3.1	Bottom	3	1	18.06	8.27	25.64	117.8	9.56	3.6	3.8
HKLR	HY/2011/03	2016-03-09	Mid-Flood	Cloudy	IS8	07:57:37	3.1	Bottom	3	2	18.1	8.27	25.57	116.3	9.42	3.7	4.4
HKLR	HY/2011/03	2016-03-09	Mid-Flood	Cloudy	IS(Mf)9	08:14:39	1.0	Surface	1	1	18.14	8.28	25.55	117.5	9.52	2.1	4.7
HKLR	HY/2011/03	2016-03-09	Mid-Flood	Cloudy	IS(Mf)9	08:14:52	1.0	Surface	1	2	18.15	8.28	25.53	118.7	9.62	2	4.5
HKLR	HY/2011/03	2016-03-09	Mid-Flood	Cloudy	IS(Mf)9	08:14:44	2.8	Bottom	3	1	18.15	8.28	25.57	117.9	9.55	2	6
HKLR	HY/2011/03	2016-03-09	Mid-Flood	Cloudy	IS(Mf)9	08:14:32	2.8	Bottom	3	2	18.12	8.27	25.63	116.4	9.43	2.1	4.5
HKLR	HY/2011/03	2016-03-09	Mid-Flood	Cloudy	IS10	07:21:34	1.0	Surface	1	1	18.18	8.06	18.3	117.9	9.98	3.2	5.6
HKLR	HY/2011/03	2016-03-09	Mid-Flood	Cloudy	IS10	07:20:57	1.0	Surface	1	2	18.2	8.06	18.57	117.6	9.9	3.1	5.9
HKLR	HY/2011/03	2016-03-09	Mid-Flood	Cloudy	IS10	07:21:27	5.6	Middle	2	1	18.13	8.06	18.34	117.1	9.9	3.2	5.1
HKLR	HY/2011/03	2016-03-09	Mid-Flood	Cloudy	IS10	07:20:47	5.6	Middle	2	2	18.15	8.05	19.07	116.1	9.8	3.2	4.6
HKLR	HY/2011/03	2016-03-09	Mid-Flood	Cloudy	IS10	07:21:21	10.1	Bottom	3	1	18.11	8.06	18.38	115.9	9.8	3.4	5.1
HKLR	HY/2011/03	2016-03-09	Mid-Flood	Cloudy	IS10	07:20:37	10.1	Bottom	3	2	18.12	8.05	19.25	115.1	9.69	3.2	4.8
HKLR	HY/2011/03	2016-03-09	Mid-Flood	Cloudy	SR3	08:46:31	0.7	Middle	2	1	18.64	8.34	25.86	123.6	9.9	4	10.2
HKLR	HY/2011/03	2016-03-09	Mid-Flood	Cloudy	SR3	08:46:35	0.7	Middle	2	2	18.64	8.34	25.86	123.6	9.9	4	9.5
HKLR	HY/2011/03	2016-03-09	Mid-Flood	Cloudy	SR4	08:04:26	1.0	Surface	1	1	18.12	8.27	25.47	121	9.82	3.6	3.4
HKLR	HY/2011/03	2016-03-09	Mid-Flood	Cloudy	SR4	08:04:11	1.0	Surface	1	2	18.11	8.27	25.5	120.8	9.8	3.5	4.6
HKLR	HY/2011/03	2016-03-09	Mid-Flood	Cloudy	SR4	08:04:04	2.7	Bottom	3	1	18.06	8.27	25.62	120.4	9.77	3.6	3.8
HKLR	HY/2011/03	2016-03-09	Mid-Flood	Cloudy	SR4	08:04:18	2.7	Bottom	3	2	18.09	8.27	25.56	120.8	9.79	3.6	3.7
HKLR	HY/2011/03	2016-03-09	Mid-Flood	Cloudy	SR5	07:29:24	1.0	Surface	1	1	18.17	8.06	17.86	116.9	9.91	3.1	6.1
HKLR	HY/2011/03	2016-03-09	Mid-Flood	Cloudy	SR5	07:29:10	1.0	Surface	1	2	18.18	8.06	17.7	115.8	9.83	3.3	5.7
HKLR	HY/2011/03	2016-03-09	Mid-Flood	Cloudy	SR5	07:29:18	4.4	Bottom	3	1	18.18	8.07	17.81	116.1	9.84	3.2	8
HKLR	HY/2011/03	2016-03-09	Mid-Flood	Cloudy	SR5	07:28:58	4.4	Bottom	3	2	18.12	8.06	17.73	115.3	9.79	3.3	7.5
HKLR	HY/2011/03	2016-03-09	Mid-Flood	Cloudy	SR10A	06:58:37	1.0	Surface	1	1	17.89	8.2	25.36	120	9.78	1.9	3.6
HKLR	HY/2011/03	2016-03-09	Mid-Flood	Cloudy	SR10A	06:59:14	1.0	Surface	1	2	17.89	8.21	25.42	120	9.78	1.9	4.7
HKLR	HY/2011/03	2016-03-09	Mid-Flood	Cloudy	SR10A	06:59:04	3.3	Middle	2	1	17.75	8.2	25.96	119.4	9.72	2.1	4.3
HKLR	HY/2011/03	2016-03-09	Mid-Flood	Cloudy	SR10A	06:58:28	3.3	Middle	2	2	17.79	8.19	25.79	119.6	9.74	2	4.9
HKLR	HY/2011/03	2016-03-09	Mid-Flood	Cloudy	SR10A	06:58:20	5.5	Bottom	3	1	17.83	8.19	25.76	119.5	9.72	2.2	6.1
HKLR	HY/2011/03	2016-03-09	Mid-Flood	Cloudy	SR10A	06:58:57	5.5	Bottom	3	2	17.74	8.19	26.08	119.4	9.72	2.1	5.5
HKLR	HY/2011/03	2016-03-09	Mid-Flood	Cloudy	SR10B	06:46:50	1.0	Surface	1	1	17.83	8.13	25.4	118.6	9.68	2.2	4.3
HKLR	HY/2011/03	2016-03-09	Mid-Flood	Cloudy	SR10B	06:46:36	1.0	Surface	1	2	17.85	8.11	25.31	118.1	9.64	2.2	4.2
HKLR	HY/2011/03	2016-03-09	Mid-Flood	Cloudy	SR10B	06:46:43	4.4	Bottom	3	1	17.83	8.11	25.59	118.2	9.63	2.2	5
HKLR	HY/2011/03	2016-03-09	Mid-Flood	Cloudy	SR10B	06:46:27	4.4	Bottom	3	2	17.8	8.1	25.61	117.3	9.56	2.3	4.6

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2016-03-09	Mid-Flood	Cloudy	CS2	08:48:55	1.0	Surface	1	1	18.25	8.05	15.47	117.4	10.06	2.7	3.7
HKLR	HY/2011/03	2016-03-09	Mid-Flood	Cloudy	CS2	08:48:26	1.0	Surface	1	2	18.25	8.05	15.33	117.8	10.1	2.8	4.1
HKLR	HY/2011/03	2016-03-09	Mid-Flood	Cloudy	CS2	08:48:42	4.1	Middle	2	1	18.09	8.05	16.42	116	9.94	2.7	3.8
HKLR	HY/2011/03	2016-03-09	Mid-Flood	Cloudy	CS2	08:48:16	4.1	Middle	2	2	18.1	8.05	16.33	117.4	10.07	2.8	4
HKLR	HY/2011/03	2016-03-09	Mid-Flood	Cloudy	CS2	08:48:34	7.1	Bottom	3	1	18.19	8.04	16.04	115.3	9.9	2.8	4.9
HKLR	HY/2011/03	2016-03-09	Mid-Flood	Cloudy	CS2	08:48:02	7.1	Bottom	3	2	18.1	8.03	16.19	116	9.97	2.8	4.2
HKLR	HY/2011/03	2016-03-09	Mid-Flood	Cloudy	CS(Mf)5	07:27:54	1.0	Surface	1	1	17.92	8.23	25.53	119.9	9.76	3.8	6.3
HKLR	HY/2011/03	2016-03-09	Mid-Flood	Cloudy	CS(Mf)5	07:27:21	1.0	Surface	1	2	17.85	8.23	25.68	119.7	9.74	3.9	5.8
HKLR	HY/2011/03	2016-03-09	Mid-Flood	Cloudy	CS(Mf)5	07:27:13	6.4	Middle	2	1	17.73	8.22	26.26	119.2	9.69	4.1	5.7
HKLR	HY/2011/03	2016-03-09	Mid-Flood	Cloudy	CS(Mf)5	07:27:42	6.4	Middle	2	2	17.74	8.22	26.28	119.1	9.68	3.9	4.8
HKLR	HY/2011/03	2016-03-09	Mid-Flood	Cloudy	CS(Mf)5	07:27:02	11.7	Bottom	3	1	17.77	8.22	26.18	119.2	9.69	3.9	4
HKLR	HY/2011/03	2016-03-09	Mid-Flood	Cloudy	CS(Mf)5	07:27:33	11.7	Bottom	3	2	17.78	8.22	26.17	119.1	9.68	4.1	4.9
HKLR	HY/2011/03	2016-03-11	Mid-Ebb	Cloudy	IS5	13:14:21	1.0	Surface	1	1	17.48	8.15	26.14	108.2	8.85	4.7	4.1
HKLR	HY/2011/03	2016-03-11	Mid-Ebb	Cloudy	IS5	13:13:51	1.0	Surface	1	2	17.48	8.15	26.15	108.2	8.84	4.7	5.2
HKLR	HY/2011/03	2016-03-11	Mid-Ebb	Cloudy	IS5	13:14:13	4.4	Middle	2	1	17.47	8.15	26.2	107.9	8.82	4.8	5.4
HKLR	HY/2011/03	2016-03-11	Mid-Ebb	Cloudy	IS5	13:13:44	4.4	Middle	2	2	17.47	8.15	26.2	108	8.83	4.8	6
HKLR	HY/2011/03	2016-03-11	Mid-Ebb	Cloudy	IS5	13:14:05	7.7	Bottom	3	1	17.46	8.15	26.23	107.8	8.82	4.8	6.5
HKLR	HY/2011/03	2016-03-11	Mid-Ebb	Cloudy	IS5	13:13:38	7.7	Bottom	3	2	17.47	8.15	26.22	107.9	8.82	4.8	5.8
HKLR	HY/2011/03	2016-03-11	Mid-Ebb	Cloudy	IS(Mf)6	13:41:01	1.0	Surface	1	1	17.5	8.13	26.1	108.2	8.85	5.1	6.6
HKLR	HY/2011/03	2016-03-11	Mid-Ebb	Cloudy	IS(Mf)6	13:40:44	1.0	Surface	1	2	17.5	8.13	26.09	108.1	8.84	5.1	5.1
HKLR	HY/2011/03	2016-03-11	Mid-Ebb	Cloudy	IS(Mf)6	13:40:50	2.4	Bottom	3	1	17.5	8.13	26.1	108	8.83	5.2	5.2
HKLR	HY/2011/03	2016-03-11	Mid-Ebb	Cloudy	IS(Mf)6	13:40:34	2.4	Bottom	3	2	17.5	8.13	26.09	107.9	8.83	4.9	6.1
HKLR	HY/2011/03	2016-03-11	Mid-Ebb	Cloudy	IS7	13:51:44	1.0	Surface	1	1	17.42	8.16	26.04	116.6	9.55	5.3	8.5
HKLR	HY/2011/03	2016-03-11	Mid-Ebb	Cloudy	IS7	13:51:58	1.0	Surface	1	2	17.43	8.16	26.05	116.7	9.55	5.4	7
HKLR	HY/2011/03	2016-03-11	Mid-Ebb	Cloudy	IS7	13:51:50	3.2	Bottom	3	1	17.43	8.16	26.08	116.7	9.56	5.2	7.3
HKLR	HY/2011/03	2016-03-11	Mid-Ebb	Cloudy	IS7	13:51:35	3.2	Bottom	3	2	17.43	8.15	26.07	116.6	9.55	5.3	6.8
HKLR	HY/2011/03	2016-03-11	Mid-Ebb	Cloudy	IS8	14:17:50	1.0	Surface	1	1	17.41	8.19	26.12	122.2	10.01	3.2	6.8
HKLR	HY/2011/03	2016-03-11	Mid-Ebb	Cloudy	IS8	14:18:06	1.0	Surface	1	2	17.41	8.19	26.12	122.1	10	3.1	7.1
HKLR	HY/2011/03	2016-03-11	Mid-Ebb	Cloudy	IS8	14:17:58	3.1	Bottom	3	1	17.36	8.19	26.16	122.1	10	3.1	6
HKLR	HY/2011/03	2016-03-11	Mid-Ebb	Cloudy	IS8	14:17:43	3.1	Bottom	3	2	17.41	8.19	26.13	122.1	10	3.1	6.9
HKLR	HY/2011/03	2016-03-11	Mid-Ebb	Cloudy	IS(Mf)9	14:03:16	1.0	Surface	1	1	17.57	8.19	26.03	124.6	10.18	4.1	7
HKLR	HY/2011/03	2016-03-11	Mid-Ebb	Cloudy	IS(Mf)9	14:03:44	1.0	Surface	1	2	17.55	8.2	26.04	125.2	10.23	4	8.4
HKLR	HY/2011/03	2016-03-11	Mid-Ebb	Cloudy	IS(Mf)9	14:03:29	3.6	Bottom	3	1	17.49	8.2	26.05	124.7	10.2	3.9	6.3
HKLR	HY/2011/03	2016-03-11	Mid-Ebb	Cloudy	IS(Mf)9	14:03:03	3.6	Bottom	3	2	17.45	8.19	26.06	123.9	10.14	4	5.8
HKLR	HY/2011/03	2016-03-11	Mid-Ebb	Cloudy	IS10	14:19:07	1.0	Surface	1	1	17.4	8.17	20.83	111.5	9.41	2.1	2.5
HKLR	HY/2011/03	2016-03-11	Mid-Ebb	Cloudy	IS10	14:18:29	1.0	Surface	1	2	17.4	8.16	21.72	112.2	9.43	2.1	2.7
HKLR	HY/2011/03	2016-03-11	Mid-Ebb	Cloudy	IS10	14:18:57	5.2	Middle	2	1	17.39	8.16	21.2	112.3	9.37	2.2	2.4
HKLR	HY/2011/03	2016-03-11	Mid-Ebb	Cloudy	IS10	14:18:19	5.2	Middle	2	2	17.38	8.14	22.38	112.6	9.39	2.4	3.2
HKLR	HY/2011/03	2016-03-11	Mid-Ebb	Cloudy	IS10	14:18:45	9.4	Bottom	3	1	17.37	8.14	22.02	112.7	9.33	2.3	3.2
HKLR	HY/2011/03	2016-03-11	Mid-Ebb	Cloudy	IS10	14:18:07	9.4	Bottom	3	2	17.37	8.14	23.15	113.4	9.28	2.5	2.8
HKLR	HY/2011/03	2016-03-11	Mid-Ebb	Cloudy	SR3	13:01:13	0.7	Middle	2	1	17.48	8.14	26.01	108.9	8.92	4.5	6.8
HKLR	HY/2011/03	2016-03-11	Mid-Ebb	Cloudy	SR3	13:01:07	0.7	Middle	2	2	17.48	8.13	26	108.8	8.9	4.2	6.1
HKLR	HY/2011/03	2016-03-11	Mid-Ebb	Cloudy	SR4	14:10:39	1.0	Surface	1	1	17.42	8.18	26.07	120.3	9.85	3.2	7.7
HKLR	HY/2011/03	2016-03-11	Mid-Ebb	Cloudy	SR4	14:10:52	1.0	Surface	1	2	17.44	8.18	26.07	121.1	9.91	3.2	7.7
HKLR	HY/2011/03	2016-03-11	Mid-Ebb	Cloudy	SR4	14:10:44	3.0	Bottom	3	1	17.42	8.18	26.08	120.5	9.87	3.2	6.9
HKLR	HY/2011/03	2016-03-11	Mid-Ebb	Cloudy	SR4	14:10:31	3.0	Bottom	3	2	17.4	8.18	26.08	119.4	9.78	3.2	8.5
HKLR	HY/2011/03	2016-03-11	Mid-Ebb	Cloudy	SR5	14:08:27	1.0	Surface	1	1	17.4	8.18	26.77	110.6	8.92	2.8	3.7
HKLR	HY/2011/03	2016-03-11	Mid-Ebb	Cloudy	SR5	14:08:00	1.0	Surface	1	2	17.39	8.18	28.49	111.6	9.1	2.7	2.7
HKLR	HY/2011/03	2016-03-11	Mid-Ebb	Cloudy	SR5	14:08:11	3.8	Bottom	3	1	17.38	8.17	28.75	108.7	8.75	3.1	2.7
HKLR	HY/2011/03	2016-03-11	Mid-Ebb	Cloudy	SR5	14:07:51	3.8	Bottom	3	2	17.37	8.17	29.13	108.3	8.74	2.9	2.9
HKLR	HY/2011/03	2016-03-11	Mid-Ebb	Cloudy	SR10A	15:21:44	1.0	Surface	1	1	17.38	8.13	27.19	117.8	9.59	1.8	3.4
HKLR	HY/2011/03	2016-03-11	Mid-Ebb	Cloudy	SR10A	15:22:10	1.0	Surface	1	2	17.38	8.13	27.21	117.6	9.57	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	2016-03-11	Mid-Ebb	Cloudy	SR10A	15:22:03	3.3	Middle	2	1	17.38	8.13	27.37	117.1	9.52	2.1	3
HKLR	HY/2011/03	2016-03-11	Mid-Ebb	Cloudy	SR10A	15:21:35	3.3	Middle	2	2	17.38	8.13	27.36	117.2	9.53	1.9	4.1
HKLR	HY/2011/03	2016-03-11	Mid-Ebb	Cloudy	SR10A	15:21:55	5.5	Bottom	3	1	17.37	8.13	27.63	117.6	9.55	2.1	3.4
HKLR	HY/2011/03	2016-03-11	Mid-Ebb	Cloudy	SR10A	15:21:27	5.5	Bottom	3	2	17.38	8.13	27.52	117.6	9.56	2	4.4
HKLR	HY/2011/03	2016-03-11	Mid-Ebb	Cloudy	SR10B	15:31:41	1.0	Surface	1	1	17.38	8.14	27.19	118.7	9.66	1.8	4.1
HKLR	HY/2011/03	2016-03-11	Mid-Ebb	Cloudy	SR10B	15:31:25	1.0	Surface	1	2	17.38	8.14	27.24	118.4	9.63	1.7	3.4
HKLR	HY/2011/03	2016-03-11	Mid-Ebb	Cloudy	SR10B	15:31:18	4.2	Bottom	3	1	17.38	8.14	27.32	118.3	9.62	1.8	3.3
HKLR	HY/2011/03	2016-03-11	Mid-Ebb	Cloudy	SR10B	15:31:32	4.2	Bottom	3	2	17.38	8.14	27.27	118.5	9.64	1.7	3.6
HKLR	HY/2011/03	2016-03-11	Mid-Ebb	Cloudy	CS2	12:54:44	1.0	Surface	1	1	17.23	8.14	22.61	107.4	8.96	4.1	4.7
HKLR	HY/2011/03	2016-03-11	Mid-Ebb	Cloudy	CS2	12:55:10	1.0	Surface	1	2	17.24	8.13	21.8	108.4	8.98	4	5.5
HKLR	HY/2011/03	2016-03-11	Mid-Ebb	Cloudy	CS2	12:54:33	4.1	Middle	2	1	17.24	8.15	23.68	106.5	8.96	4.3	3.6
HKLR	HY/2011/03	2016-03-11	Mid-Ebb	Cloudy	CS2	12:55:04	4.1	Middle	2	2	17.25	8.13	22.02	107	8.98	4.2	4.6
HKLR	HY/2011/03	2016-03-11	Mid-Ebb	Cloudy	CS2	12:54:24	7.1	Bottom	3	1	17.23	8.15	24.86	106.2	8.95	4.6	4.8
HKLR	HY/2011/03	2016-03-11	Mid-Ebb	Cloudy	CS2	12:54:56	7.1	Bottom	3	2	17.24	8.13	22.1	106.4	8.96	4.5	4.2
HKLR	HY/2011/03	2016-03-11	Mid-Ebb	Cloudy	CS(Mf)5	14:49:37	1.0	Surface	1	1	17.38	8.11	27.29	112.7	9.17	2.3	4
HKLR	HY/2011/03	2016-03-11	Mid-Ebb	Cloudy	CS(Mf)5	14:50:10	1.0	Surface	1	2	17.38	8.12	27.24	113.6	9.25	2.4	4.1
HKLR	HY/2011/03	2016-03-11	Mid-Ebb	Cloudy	CS(Mf)5	14:49:26	6.2	Middle	2	1	17.34	8.1	27.94	111.9	9.07	2.4	4.4
HKLR	HY/2011/03	2016-03-11	Mid-Ebb	Cloudy	CS(Mf)5	14:49:58	6.2	Middle	2	2	17.36	8.1	27.86	112.4	9.12	2.5	4.1
HKLR	HY/2011/03	2016-03-11	Mid-Ebb	Cloudy	CS(Mf)5	14:49:48	11.4	Bottom	3	1	17.36	8.1	27.96	113.6	9.21	2.6	3.8
HKLR	HY/2011/03	2016-03-11	Mid-Ebb	Cloudy	CS(Mf)5	14:49:18	11.4	Bottom	3	2	17.34	8.1	28.14	113	9.16	2.5	3.4
HKLR	HY/2011/03	2016-03-11	Mid-Flood	Cloudy	IS5	09:30:33	1.0	Surface	1	1	17.49	8.1	25.96	103.8	8.49	3.7	5
HKLR	HY/2011/03	2016-03-11	Mid-Flood	Cloudy	IS5	09:30:00	1.0	Surface	1	2	17.49	8.1	25.95	103.9	8.51	3.8	3.5
HKLR	HY/2011/03	2016-03-11	Mid-Flood	Cloudy	IS5	09:29:50	4.4	Middle	2	1	17.5	8.1	25.95	103.8	8.49	3.7	4.4
HKLR	HY/2011/03	2016-03-11	Mid-Flood	Cloudy	IS5	09:30:27	4.4	Middle	2	2	17.49	8.1	25.97	103.6	8.48	3.7	3.7
HKLR	HY/2011/03	2016-03-11	Mid-Flood	Cloudy	IS5	09:29:40	7.7	Bottom	3	1	17.5	8.1	25.95	103.9	8.5	3.7	4.2
HKLR	HY/2011/03	2016-03-11	Mid-Flood	Cloudy	IS5	09:30:14	7.7	Bottom	3	2	17.5	8.1	25.97	103.6	8.48	3.8	5.6
HKLR	HY/2011/03	2016-03-11	Mid-Flood	Cloudy	IS(Mf)6	09:18:22	1.0	Surface	1	1	17.47	8.11	25.91	106.2	8.69	3.7	4.5
HKLR	HY/2011/03	2016-03-11	Mid-Flood	Cloudy	IS(Mf)6	09:18:09	1.0	Surface	1	2	17.47	8.11	25.9	106.3	8.7	3.6	3.3
HKLR	HY/2011/03	2016-03-11	Mid-Flood	Cloudy	IS(Mf)6	09:18:01	2.3	Bottom	3	1	17.47	8.1	25.9	106.2	8.7	3.7	4
HKLR	HY/2011/03	2016-03-11	Mid-Flood	Cloudy	IS(Mf)6	09:18:14	2.3	Bottom	3	2	17.47	8.11	25.91	106.2	8.69	3.7	5
HKLR	HY/2011/03	2016-03-11	Mid-Flood	Cloudy	IS7	09:11:34	1.0	Surface	1	1	17.42	8.1	25.96	109.6	8.98	4.6	5.6
HKLR	HY/2011/03	2016-03-11	Mid-Flood	Cloudy	IS7	09:11:17	1.0	Surface	1	2	17.42	8.1	25.94	109.5	8.97	4.6	6.8
HKLR	HY/2011/03	2016-03-11	Mid-Flood	Cloudy	IS7	09:11:10	2.4	Bottom	3	1	17.42	8.1	25.95	109.4	8.97	4.6	7.3
HKLR	HY/2011/03	2016-03-11	Mid-Flood	Cloudy	IS7	09:11:22	2.4	Bottom	3	2	17.42	8.1	25.96	109.6	8.98	4.6	6.1
HKLR	HY/2011/03	2016-03-11	Mid-Flood	Cloudy	IS8	08:49:03	1.0	Surface	1	1	17.27	8.08	26.19	109.3	8.97	3.4	3.7
HKLR	HY/2011/03	2016-03-11	Mid-Flood	Cloudy	IS8	08:48:47	1.0	Surface	1	2	17.24	8.08	26.14	109.5	9	3.3	3.6
HKLR	HY/2011/03	2016-03-11	Mid-Flood	Cloudy	IS8	08:48:56	2.9	Bottom	3	1	17.29	8.07	26.36	109.6	8.98	3.3	8.1
HKLR	HY/2011/03	2016-03-11	Mid-Flood	Cloudy	IS8	08:48:40	2.9	Bottom	3	2	17.28	8.07	26.32	109.7	9	3.2	7
HKLR	HY/2011/03	2016-03-11	Mid-Flood	Cloudy	IS(Mf)9	09:04:34	1.0	Surface	1	1	17.3	8.08	25.96	109.2	8.97	3.1	4.9
HKLR	HY/2011/03	2016-03-11	Mid-Flood	Cloudy	IS(Mf)9	09:04:48	1.0	Surface	1	2	17.3	8.08	25.97	109	8.96	3.2	3.9
HKLR	HY/2011/03	2016-03-11	Mid-Flood	Cloudy	IS(Mf)9	09:04:39	2.7	Bottom	3	1	17.29	8.08	25.97	109.1	8.96	3.3	4.9
HKLR	HY/2011/03	2016-03-11	Mid-Flood	Cloudy	IS(Mf)9	09:04:25	2.7	Bottom	3	2	17.31	8.08	25.99	109.6	9	3.2	3.2
HKLR	HY/2011/03	2016-03-11	Mid-Flood	Cloudy	IS10	08:34:53	1.0	Surface	1	1	17.32	8.1	28.73	108.4	8.72	3.5	4
HKLR	HY/2011/03	2016-03-11	Mid-Flood	Cloudy	IS10	08:35:25	1.0	Surface	1	2	17.29	8.1	28.35	107.4	8.65	3.4	4.3
HKLR	HY/2011/03	2016-03-11	Mid-Flood	Cloudy	IS10	08:34:44	5.3	Middle	2	1	17.32	8.1	28.75	106.1	8.54	3.7	4.4
HKLR	HY/2011/03	2016-03-11	Mid-Flood	Cloudy	IS10	08:35:12	5.3	Middle	2	2	17.32	8.09	28.56	106.1	8.54	3.6	5.1
HKLR	HY/2011/03	2016-03-11	Mid-Flood	Cloudy	IS10	08:35:02	9.5	Bottom	3	1	17.32	8.09	28.75	105.4	8.51	3.8	4.5
HKLR	HY/2011/03	2016-03-11	Mid-Flood	Cloudy	IS10	08:34:35	9.5	Bottom	3	2	17.32	8.09	28.97	104	8.4	3.9	5.1
HKLR	HY/2011/03	2016-03-11	Mid-Flood	Cloudy	SR3	09:39:28	0.8	Middle	2	1	17.49	8.11	25.97	104.2	8.53	3.6	4
HKLR	HY/2011/03	2016-03-11	Mid-Flood	Cloudy	SR3	09:39:22	0.8	Middle	2	2	17.49	8.11	25.97	104.2	8.52	3.5	3.4
HKLR	HY/2011/03	2016-03-11	Mid-Flood	Cloudy	SR4	08:56:15	1.0	Surface	1	1	17.23	8.09	26.19	109.4	8.98	4.3	4.6
HKLR	HY/2011/03	2016-03-11	Mid-Flood	Cloudy	SR4	08:56:36	1.0	Surface	1	2	17.22	8.09	26.19	109.3	8.98	4.2	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	2016-03-11	Mid-Flood	Cloudy	SR4	08:56:25	2.7	Bottom	3	1	17.29	8.08	26.41	109.5	8.97	4.3	5.6
HKLR	HY/2011/03	2016-03-11	Mid-Flood	Cloudy	SR4	08:56:07	2.7	Bottom	3	2	17.28	8.08	26.33	109.5	8.98	4.2	5.7
HKLR	HY/2011/03	2016-03-11	Mid-Flood	Cloudy	SR5	08:46:13	1.0	Surface	1	1	17.29	8.09	26.27	106.5	8.7	2.8	5.9
HKLR	HY/2011/03	2016-03-11	Mid-Flood	Cloudy	SR5	08:45:54	1.0	Surface	1	2	17.29	8.09	26.17	106.4	8.73	2.9	4.5
HKLR	HY/2011/03	2016-03-11	Mid-Flood	Cloudy	SR5	08:45:40	3.9	Bottom	3	1	17.29	8.09	26.39	106.3	8.73	3.1	4.5
HKLR	HY/2011/03	2016-03-11	Mid-Flood	Cloudy	SR5	08:46:02	3.9	Bottom	3	2	17.29	8.09	26.08	106.6	8.7	3	4.5
HKLR	HY/2011/03	2016-03-11	Mid-Flood	Cloudy	SR10A	07:42:00	1.0	Surface	1	1	17.34	7.98	26.25	108.7	8.91	1.8	2
HKLR	HY/2011/03	2016-03-11	Mid-Flood	Cloudy	SR10A	07:42:32	1.0	Surface	1	2	17.34	7.99	26.31	108.7	8.91	1.8	2.9
HKLR	HY/2011/03	2016-03-11	Mid-Flood	Cloudy	SR10A	07:42:26	3.3	Middle	2	1	17.36	7.99	26.31	108.6	8.89	1.9	2.2
HKLR	HY/2011/03	2016-03-11	Mid-Flood	Cloudy	SR10A	07:41:51	3.3	Middle	2	2	17.37	7.98	26.26	108.6	8.89	1.9	2.6
HKLR	HY/2011/03	2016-03-11	Mid-Flood	Cloudy	SR10A	07:42:18	5.5	Bottom	3	1	17.37	7.99	26.32	108.7	8.9	1.8	2.6
HKLR	HY/2011/03	2016-03-11	Mid-Flood	Cloudy	SR10A	07:41:44	5.5	Bottom	3	2	17.36	7.97	26.26	108.6	8.89	1.9	2.6
HKLR	HY/2011/03	2016-03-11	Mid-Flood	Cloudy	SR10B	07:31:54	1.0	Surface	1	1	17.31	7.86	25.82	109	8.96	2	2.7
HKLR	HY/2011/03	2016-03-11	Mid-Flood	Cloudy	SR10B	07:32:07	1.0	Surface	1	2	17.34	7.88	25.92	109.1	8.96	2	2.9
HKLR	HY/2011/03	2016-03-11	Mid-Flood	Cloudy	SR10B	07:32:00	4.0	Bottom	3	1	17.31	7.87	25.89	109	8.96	2.1	2.6
HKLR	HY/2011/03	2016-03-11	Mid-Flood	Cloudy	SR10B	07:31:46	4.0	Bottom	3	2	17.33	7.85	25.81	109.1	8.96	1.8	2.2
HKLR	HY/2011/03	2016-03-11	Mid-Flood	Cloudy	CS2	09:56:41	1.0	Surface	1	1	17.36	8.09	19.67	106.2	9.07	3.2	5.2
HKLR	HY/2011/03	2016-03-11	Mid-Flood	Cloudy	CS2	09:56:12	1.0	Surface	1	2	17.36	8.09	19.6	106.1	9.06	3.1	6.8
HKLR	HY/2011/03	2016-03-11	Mid-Flood	Cloudy	CS2	09:56:28	4.1	Middle	2	1	17.35	8.09	19.64	106.2	9.05	3.3	5.6
HKLR	HY/2011/03	2016-03-11	Mid-Flood	Cloudy	CS2	09:56:06	4.1	Middle	2	2	17.36	8.09	19.43	106.1	9.05	3.5	5.4
HKLR	HY/2011/03	2016-03-11	Mid-Flood	Cloudy	CS2	09:55:44	7.2	Bottom	3	1	17.35	8.09	19.38	106.1	9.04	3.6	5.3
HKLR	HY/2011/03	2016-03-11	Mid-Flood	Cloudy	CS2	09:56:22	7.2	Bottom	3	2	17.36	8.09	19.63	106.2	9.04	3.5	5.4
HKLR	HY/2011/03	2016-03-11	Mid-Flood	Cloudy	CS(Mf)5	08:18:06	1.0	Surface	1	1	17.35	8.03	26.54	108.4	8.87	2.6	2.8
HKLR	HY/2011/03	2016-03-11	Mid-Flood	Cloudy	CS(Mf)5	08:18:57	1.0	Surface	1	2	17.37	8.04	26.65	108.1	8.83	2.6	2.8
HKLR	HY/2011/03	2016-03-11	Mid-Flood	Cloudy	CS(Mf)5	08:17:50	6.2	Middle	2	1	17.39	8.02	26.75	107.9	8.81	2.7	3.2
HKLR	HY/2011/03	2016-03-11	Mid-Flood	Cloudy	CS(Mf)5	08:18:48	6.2	Middle	2	2	17.39	8.03	26.87	107.8	8.79	2.7	2.4
HKLR	HY/2011/03	2016-03-11	Mid-Flood	Cloudy	CS(Mf)5	08:17:41	11.4	Bottom	3	1	17.38	8.02	26.83	108.1	8.82	2.7	2.8
HKLR	HY/2011/03	2016-03-11	Mid-Flood	Cloudy	CS(Mf)5	08:18:37	11.4	Bottom	3	2	17.4	8.03	27.12	107.7	8.77	2.7	2.5
HKLR	HY/2011/03	2016-03-14	Mid-Ebb	Fine	IS5	15:57:56	1.0	Surface	1	1	16.9	8.14	27.37	105.1	8.63	2.7	8.4
HKLR	HY/2011/03	2016-03-14	Mid-Ebb	Fine	IS5	15:57:22	1.0	Surface	1	2	16.9	8.15	27.37	105.1	8.62	2.8	8
HKLR	HY/2011/03	2016-03-14	Mid-Ebb	Fine	IS5	15:57:47	4.3	Middle	2	1	16.9	8.15	27.38	104.9	8.61	2.8	8.1
HKLR	HY/2011/03	2016-03-14	Mid-Ebb	Fine	IS5	15:57:14	4.3	Middle	2	2	16.9	8.15	27.36	104.9	8.62	2.9	8.1
HKLR	HY/2011/03	2016-03-14	Mid-Ebb	Fine	IS5	15:57:01	7.5	Bottom	3	1	16.9	8.16	27.36	104.9	8.61	2.8	9.2
HKLR	HY/2011/03	2016-03-14	Mid-Ebb	Fine	IS5	15:57:36	7.5	Bottom	3	2	16.9	8.15	27.37	104.7	8.6	2.7	9.5
HKLR	HY/2011/03	2016-03-14	Mid-Ebb	Fine	IS(Mf)6	16:06:51	1.0	Surface	1	1	16.92	8.13	27.31	108.3	8.89	3.1	7.7
HKLR	HY/2011/03	2016-03-14	Mid-Ebb	Fine	IS(Mf)6	16:07:05	1.0	Surface	1	2	16.92	8.13	27.31	108.3	8.89	3.2	6.7
HKLR	HY/2011/03	2016-03-14	Mid-Ebb	Fine	IS(Mf)6	16:06:57	2.2	Bottom	3	1	16.92	8.13	27.31	108.3	8.89	3.2	7.9
HKLR	HY/2011/03	2016-03-14	Mid-Ebb	Fine	IS(Mf)6	16:06:39	2.2	Bottom	3	2	16.92	8.13	27.31	108.1	8.88	3.2	7.4
HKLR	HY/2011/03	2016-03-14	Mid-Ebb	Fine	IS7	16:13:08	1.0	Surface	1	1	16.92	8.13	27.3	108.5	8.9	2.9	6.8
HKLR	HY/2011/03	2016-03-14	Mid-Ebb	Fine	IS7	16:13:31	1.0	Surface	1	2	16.91	8.13	27.29	108.3	8.9	2.9	7.7
HKLR	HY/2011/03	2016-03-14	Mid-Ebb	Fine	IS7	16:13:21	2.3	Bottom	3	1	16.92	8.13	27.3	108.3	8.89	2.8	8.7
HKLR	HY/2011/03	2016-03-14	Mid-Ebb	Fine	IS7	16:12:59	2.3	Bottom	3	2	16.92	8.13	27.3	108.3	8.89	3	9.1
HKLR	HY/2011/03	2016-03-14	Mid-Ebb	Fine	IS8	16:37:40	1.0	Surface	1	1	16.94	8.12	25.92	110.7	9.16	2.2	5.5
HKLR	HY/2011/03	2016-03-14	Mid-Ebb	Fine	IS8	16:37:28	1.0	Surface	1	2	16.94	8.12	25.93	110.6	9.15	2.2	5.5
HKLR	HY/2011/03	2016-03-14	Mid-Ebb	Fine	IS8	16:37:19	2.9	Bottom	3	1	16.95	8.12	26.73	110.5	9.1	2.2	7.3
HKLR	HY/2011/03	2016-03-14	Mid-Ebb	Fine	IS8	16:37:34	2.9	Bottom	3	2	16.95	8.11	26.86	110.8	9.11	2.1	8.7
HKLR	HY/2011/03	2016-03-14	Mid-Ebb	Fine	IS(Mf)9	16:20:18	1.0	Surface	1	1	16.94	8.13	26.41	111	9.16	2.6	6.2
HKLR	HY/2011/03	2016-03-14	Mid-Ebb	Fine	IS(Mf)9	16:20:04	1.0	Surface	1	2	16.94	8.12	26.43	110.6	9.13	2.6	5.7
HKLR	HY/2011/03	2016-03-14	Mid-Ebb	Fine	IS(Mf)9	16:20:11	2.8	Bottom	3	1	16.94	8.12	26.65	111	9.14	2.6	7.3
HKLR	HY/2011/03	2016-03-14	Mid-Ebb	Fine	IS(Mf)9	16:19:56	2.8	Bottom	3	2	16.94	8.12	26.61	110.4	9.1	2.5	6.9
HKLR	HY/2011/03	2016-03-14	Mid-Ebb	Fine	IS10	16:49:48	1.0	Surface	1	1	16.87	8.11	21.71	104.3	8.8	1.5	4.9
HKLR	HY/2011/03	2016-03-14	Mid-Ebb	Fine	IS10	16:49:15	1.0	Surface	1	2	16.87	8.11	21.95	107.2	9	1.5	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	2016-03-14	Mid-Ebb	Fine	IS10	16:49:05	5.2	Middle	2	1	16.91	8.1	22.8	102.2	8.66	1.6	6.5
HKLR	HY/2011/03	2016-03-14	Mid-Ebb	Fine	IS10	16:49:38	5.2	Middle	2	2	16.91	8.1	22.22	103.8	8.79	1.7	6.2
HKLR	HY/2011/03	2016-03-14	Mid-Ebb	Fine	IS10	16:49:28	9.3	Bottom	3	1	16.89	8.11	22.27	101.8	8.65	1.8	5.9
HKLR	HY/2011/03	2016-03-14	Mid-Ebb	Fine	IS10	16:48:56	9.3	Bottom	3	2	16.92	8.1	23.05	101	8.57	1.7	8
HKLR	HY/2011/03	2016-03-14	Mid-Ebb	Fine	SR3	15:46:35	0.7	Middle	2	1	16.9	8.21	27.32	104.7	8.59	3.1	7.3
HKLR	HY/2011/03	2016-03-14	Mid-Ebb	Fine	SR3	15:46:40	0.7	Middle	2	2	16.9	8.2	27.33	104.8	8.6	3.1	8.3
HKLR	HY/2011/03	2016-03-14	Mid-Ebb	Fine	SR4	16:30:11	1.0	Surface	1	1	16.94	8.12	25.92	109.4	9.05	2.3	7.3
HKLR	HY/2011/03	2016-03-14	Mid-Ebb	Fine	SR4	16:30:24	1.0	Surface	1	2	16.94	8.12	25.9	109.9	9.1	2.4	6.4
HKLR	HY/2011/03	2016-03-14	Mid-Ebb	Fine	SR4	16:30:18	2.8	Bottom	3	1	16.95	8.11	26.85	109.7	9.03	2.3	6.8
HKLR	HY/2011/03	2016-03-14	Mid-Ebb	Fine	SR4	16:30:04	2.8	Bottom	3	2	16.95	8.11	26.83	109.1	8.97	2.3	7.4
HKLR	HY/2011/03	2016-03-14	Mid-Ebb	Fine	SR5	16:36:02	1.0	Surface	1	1	16.88	8.13	23.81	100.8	8.45	1.6	5.6
HKLR	HY/2011/03	2016-03-14	Mid-Ebb	Fine	SR5	16:35:37	1.0	Surface	1	2	16.89	8.12	25.29	101.1	8.42	1.6	5.8
HKLR	HY/2011/03	2016-03-14	Mid-Ebb	Fine	SR5	16:35:28	3.7	Bottom	3	1	16.89	8.12	26.09	100.9	8.27	1.7	5.1
HKLR	HY/2011/03	2016-03-14	Mid-Ebb	Fine	SR5	16:35:52	3.7	Bottom	3	2	16.9	8.11	25.06	100.5	8.28	1.8	5.2
HKLR	HY/2011/03	2016-03-14	Mid-Ebb	Fine	SR10A	17:52:28	1.0	Surface	1	1	16.96	8.1	26.77	106.3	8.75	1.7	6
HKLR	HY/2011/03	2016-03-14	Mid-Ebb	Fine	SR10A	17:53:02	1.0	Surface	1	2	16.94	8.1	26.26	105.5	8.71	1.6	6.3
HKLR	HY/2011/03	2016-03-14	Mid-Ebb	Fine	SR10A	17:52:55	3.2	Middle	2	1	17.01	8.09	27.15	105.2	8.63	1.7	6.1
HKLR	HY/2011/03	2016-03-14	Mid-Ebb	Fine	SR10A	17:52:21	3.2	Middle	2	2	16.99	8.09	27.15	106.2	8.72	1.7	6.7
HKLR	HY/2011/03	2016-03-14	Mid-Ebb	Fine	SR10A	17:52:47	5.4	Bottom	3	1	17.06	8.07	28.64	106.3	8.63	1.7	6.8
HKLR	HY/2011/03	2016-03-14	Mid-Ebb	Fine	SR10A	17:52:14	5.4	Bottom	3	2	16.97	8.08	28.16	106.8	8.71	1.8	6.8
HKLR	HY/2011/03	2016-03-14	Mid-Ebb	Fine	SR10B	18:01:05	1.0	Surface	1	1	16.96	8.1	26.93	107.2	8.81	1.7	6.4
HKLR	HY/2011/03	2016-03-14	Mid-Ebb	Fine	SR10B	18:01:17	1.0	Surface	1	2	16.95	8.1	26.81	107.2	8.82	1.8	6.2
HKLR	HY/2011/03	2016-03-14	Mid-Ebb	Fine	SR10B	18:01:10	3.9	Bottom	3	1	16.95	8.1	27.03	107.3	8.82	1.7	8.1
HKLR	HY/2011/03	2016-03-14	Mid-Ebb	Fine	SR10B	18:00:58	3.9	Bottom	3	2	16.95	8.1	27.17	107.2	8.8	1.7	7.3
HKLR	HY/2011/03	2016-03-14	Mid-Ebb	Fine	CS2	15:26:11	1.0	Surface	1	1	16.82	8.17	28.54	100.2	8.14	2.2	10
HKLR	HY/2011/03	2016-03-14	Mid-Ebb	Fine	CS2	15:25:30	1.0	Surface	1	2	16.83	8.19	28.33	99.8	8.16	2.1	10.1
HKLR	HY/2011/03	2016-03-14	Mid-Ebb	Fine	CS2	15:25:55	3.9	Middle	2	1	16.77	8.16	29.49	99.8	8.15	2.3	10.2
HKLR	HY/2011/03	2016-03-14	Mid-Ebb	Fine	CS2	15:25:17	3.9	Middle	2	2	16.78	8.18	29.39	99.3	8.07	2.3	11.1
HKLR	HY/2011/03	2016-03-14	Mid-Ebb	Fine	CS2	15:25:03	6.8	Bottom	3	1	16.75	8.19	29.49	98.1	7.98	2.4	10.2
HKLR	HY/2011/03	2016-03-14	Mid-Ebb	Fine	CS2	15:25:44	6.8	Bottom	3	2	16.77	8.17	29.51	98.5	8.01	2.5	10.7
HKLR	HY/2011/03	2016-03-14	Mid-Ebb	Fine	CS(Mf)5	17:19:43	1.0	Surface	1	1	16.95	8.09	26.42	101.5	8.37	1.8	7.5
HKLR	HY/2011/03	2016-03-14	Mid-Ebb	Fine	CS(Mf)5	17:18:52	1.0	Surface	1	2	16.95	8.09	26.35	102.9	8.49	1.7	7.2
HKLR	HY/2011/03	2016-03-14	Mid-Ebb	Fine	CS(Mf)5	17:18:41	6.1	Middle	2	1	17.05	8.06	28.1	102.3	8.34	1.8	5.9
HKLR	HY/2011/03	2016-03-14	Mid-Ebb	Fine	CS(Mf)5	17:19:33	6.1	Middle	2	2	17.07	8.06	28.73	100.9	8.19	1.7	7.3
HKLR	HY/2011/03	2016-03-14	Mid-Ebb	Fine	CS(Mf)5	17:19:24	11.2	Bottom	3	1	17.07	8.06	28.96	101.2	8.2	1.8	9
HKLR	HY/2011/03	2016-03-14	Mid-Ebb	Fine	CS(Mf)5	17:18:30	11.2	Bottom	3	2	17.01	8.06	28.85	103.2	8.38	1.7	7
HKLR	HY/2011/03	2016-03-14	Mid-Flood	Sunny	IS5	11:01:15	1.0	Surface	1	1	16.9	8.08	26.78	105.1	8.66	2.8	7.5
HKLR	HY/2011/03	2016-03-14	Mid-Flood	Sunny	IS5	11:01:44	1.0	Surface	1	2	16.9	8.08	26.81	104.9	8.64	2.7	8.1
HKLR	HY/2011/03	2016-03-14	Mid-Flood	Sunny	IS5	11:01:04	4.5	Middle	2	1	16.9	8.08	26.82	104.7	8.62	2.7	7.8
HKLR	HY/2011/03	2016-03-14	Mid-Flood	Sunny	IS5	11:01:34	4.5	Middle	2	2	16.9	8.08	26.85	104.8	8.63	2.7	5.9
HKLR	HY/2011/03	2016-03-14	Mid-Flood	Sunny	IS5	11:01:26	7.9	Bottom	3	1	16.9	8.08	26.84	105	8.65	2.8	8.2
HKLR	HY/2011/03	2016-03-14	Mid-Flood	Sunny	IS5	11:00:55	7.9	Bottom	3	2	16.9	8.08	26.87	104.7	8.62	2.6	7.2
HKLR	HY/2011/03	2016-03-14	Mid-Flood	Sunny	IS(Mf)6	10:53:17	1.0	Surface	1	1	16.89	8.08	26.72	108	8.91	3.1	6.4
HKLR	HY/2011/03	2016-03-14	Mid-Flood	Sunny	IS(Mf)6	10:53:32	1.0	Surface	1	2	16.89	8.08	26.75	108.3	8.92	3.3	6.6
HKLR	HY/2011/03	2016-03-14	Mid-Flood	Sunny	IS(Mf)6	10:53:25	2.4	Bottom	3	1	16.9	8.08	26.83	108.1	8.91	3.2	7.2
HKLR	HY/2011/03	2016-03-14	Mid-Flood	Sunny	IS(Mf)6	10:53:09	2.4	Bottom	3	2	16.9	8.07	26.84	107.9	8.89	3.1	6.9
HKLR	HY/2011/03	2016-03-14	Mid-Flood	Sunny	IS7	10:43:27	1.0	Surface	1	1	16.92	8.07	26.02	106.3	8.8	2.4	6
HKLR	HY/2011/03	2016-03-14	Mid-Flood	Sunny	IS7	10:43:40	1.0	Surface	1	2	16.93	8.07	26	106.5	8.81	2.4	5.9
HKLR	HY/2011/03	2016-03-14	Mid-Flood	Sunny	IS7	10:43:20	2.3	Bottom	3	1	16.92	8.06	26.1	106.2	8.78	2.3	6.9
HKLR	HY/2011/03	2016-03-14	Mid-Flood	Sunny	IS7	10:43:33	2.3	Bottom	3	2	16.93	8.07	26.05	106.4	8.8	2.4	7.4
HKLR	HY/2011/03	2016-03-14	Mid-Flood	Sunny	IS8	10:20:52	1.0	Surface	1	1	16.94	8.04	25.47	106.4	8.83	2.4	6.5
HKLR	HY/2011/03	2016-03-14	Mid-Flood	Sunny	IS8	10:21:05	1.0	Surface	1	2	16.94	8.05	25.47	106.6	8.85	2.5	6.3

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2016-03-14	Mid-Flood	Sunny	IS8	10:20:43	2.9	Bottom	3	1	16.94	8.04	25.47	106.2	8.81	2.4	6.9
HKLR	HY/2011/03	2016-03-14	Mid-Flood	Sunny	IS8	10:20:57	2.9	Bottom	3	2	16.94	8.05	25.48	106.5	8.83	2.5	6
HKLR	HY/2011/03	2016-03-14	Mid-Flood	Sunny	IS(Mf)9	10:36:10	1.0	Surface	1	1	16.9	8.06	26.07	105.5	8.73	2.3	5.6
HKLR	HY/2011/03	2016-03-14	Mid-Flood	Sunny	IS(Mf)9	10:36:24	1.0	Surface	1	2	16.92	8.06	25.98	105.9	8.76	2.4	5.6
HKLR	HY/2011/03	2016-03-14	Mid-Flood	Sunny	IS(Mf)9	10:36:04	2.7	Bottom	3	1	16.89	8.05	26.2	105.5	8.72	2.4	5
HKLR	HY/2011/03	2016-03-14	Mid-Flood	Sunny	IS(Mf)9	10:36:16	2.7	Bottom	3	2	16.92	8.06	26.07	105.6	8.74	2.4	5.7
HKLR	HY/2011/03	2016-03-14	Mid-Flood	Sunny	IS10	10:18:40	1.0	Surface	1	1	16.91	8.06	29.2	100.8	8.15	4.3	7.1
HKLR	HY/2011/03	2016-03-14	Mid-Flood	Sunny	IS10	10:19:14	1.0	Surface	1	2	16.91	8.06	29.14	101.4	8.22	4.4	6.8
HKLR	HY/2011/03	2016-03-14	Mid-Flood	Sunny	IS10	10:18:32	5.2	Middle	2	1	16.93	8.06	29.42	99.2	8.05	4.6	5.4
HKLR	HY/2011/03	2016-03-14	Mid-Flood	Sunny	IS10	10:19:05	5.2	Middle	2	2	16.93	8.06	29.45	99.6	8.09	4.6	6.2
HKLR	HY/2011/03	2016-03-14	Mid-Flood	Sunny	IS10	10:18:24	9.3	Bottom	3	1	16.94	8.05	29.78	99	8.03	4.8	9.7
HKLR	HY/2011/03	2016-03-14	Mid-Flood	Sunny	IS10	10:18:59	9.3	Bottom	3	2	16.94	8.05	29.62	98.9	8.03	4.7	8.2
HKLR	HY/2011/03	2016-03-14	Mid-Flood	Sunny	SR3	11:17:32	0.7	Middle	2	1	16.89	8.08	26.78	106	8.73	2.7	6.1
HKLR	HY/2011/03	2016-03-14	Mid-Flood	Sunny	SR3	11:17:25	0.7	Middle	2	2	16.89	8.08	26.78	105.8	8.72	2.8	7.3
HKLR	HY/2011/03	2016-03-14	Mid-Flood	Sunny	SR4	10:26:28	1.0	Surface	1	1	16.94	8.06	25.52	107	8.88	2.4	4.7
HKLR	HY/2011/03	2016-03-14	Mid-Flood	Sunny	SR4	10:26:13	1.0	Surface	1	2	16.94	8.05	25.5	107	8.88	2.4	4.6
HKLR	HY/2011/03	2016-03-14	Mid-Flood	Sunny	SR4	10:26:19	2.7	Bottom	3	1	16.94	8.05	25.52	107	8.87	2.3	4.9
HKLR	HY/2011/03	2016-03-14	Mid-Flood	Sunny	SR4	10:26:05	2.7	Bottom	3	2	16.94	8.05	25.52	107	8.88	2.3	4.6
HKLR	HY/2011/03	2016-03-14	Mid-Flood	Sunny	SR5	10:29:08	1.0	Surface	1	1	16.92	8.06	28.72	101.7	8.29	3.5	6.4
HKLR	HY/2011/03	2016-03-14	Mid-Flood	Sunny	SR5	10:29:25	1.0	Surface	1	2	16.92	8.05	28.38	101.7	8.29	3.6	6.5
HKLR	HY/2011/03	2016-03-14	Mid-Flood	Sunny	SR5	10:29:00	3.8	Bottom	3	1	16.93	8.05	29.07	99	8.05	3.7	6.8
HKLR	HY/2011/03	2016-03-14	Mid-Flood	Sunny	SR5	10:29:17	3.8	Bottom	3	2	16.91	8.05	28.52	99.7	8.1	3.9	6
HKLR	HY/2011/03	2016-03-14	Mid-Flood	Sunny	SR10A	09:12:44	1.0	Surface	1	1	16.92	8.02	25.17	104.1	8.66	1.3	4.7
HKLR	HY/2011/03	2016-03-14	Mid-Flood	Sunny	SR10A	09:12:08	1.0	Surface	1	2	16.92	8.02	25.01	104.5	8.7	1.4	5.2
HKLR	HY/2011/03	2016-03-14	Mid-Flood	Sunny	SR10A	09:12:01	3.2	Middle	2	1	16.94	8.01	25.21	104.3	8.67	1.4	5.6
HKLR	HY/2011/03	2016-03-14	Mid-Flood	Sunny	SR10A	09:12:37	3.2	Middle	2	2	16.94	8.01	25.41	103.9	8.63	1.4	5.6
HKLR	HY/2011/03	2016-03-14	Mid-Flood	Sunny	SR10A	09:11:52	5.4	Bottom	3	1	16.95	8	26.33	104.7	8.64	1.3	5
HKLR	HY/2011/03	2016-03-14	Mid-Flood	Sunny	SR10A	09:12:27	5.4	Bottom	3	2	17.02	7.99	26.74	104.5	8.59	1.4	6.7
HKLR	HY/2011/03	2016-03-14	Mid-Flood	Sunny	SR10B	09:02:03	1.0	Surface	1	1	16.92	7.99	24.4	104.5	8.73	1.4	5.5
HKLR	HY/2011/03	2016-03-14	Mid-Flood	Sunny	SR10B	09:02:31	1.0	Surface	1	2	16.93	7.99	24.58	104.8	8.75	1.4	5.1
HKLR	HY/2011/03	2016-03-14	Mid-Flood	Sunny	SR10B	09:02:24	4.1	Bottom	3	1	16.93	7.98	25.27	105	8.73	1.3	5.8
HKLR	HY/2011/03	2016-03-14	Mid-Flood	Sunny	SR10B	09:01:53	4.1	Bottom	3	2	16.93	7.97	25.58	104.6	8.67	1.4	6.3
HKLR	HY/2011/03	2016-03-14	Mid-Flood	Sunny	CS2	11:45:18	1.0	Surface	1	1	16.93	8.08	24.4	101.4	8.47	2.4	7
HKLR	HY/2011/03	2016-03-14	Mid-Flood	Sunny	CS2	11:44:43	1.0	Surface	1	2	16.93	8.08	24.7	101	8.44	2.5	7.9
HKLR	HY/2011/03	2016-03-14	Mid-Flood	Sunny	CS2	11:45:07	4.0	Middle	2	1	16.93	8.08	24.39	100.6	8.38	2.6	7.4
HKLR	HY/2011/03	2016-03-14	Mid-Flood	Sunny	CS2	11:44:36	4.0	Middle	2	2	16.94	8.08	24.85	100.5	8.38	2.6	9
HKLR	HY/2011/03	2016-03-14	Mid-Flood	Sunny	CS2	11:44:55	6.9	Bottom	3	1	16.95	8.08	24.78	100.5	8.38	2.8	8.9
HKLR	HY/2011/03	2016-03-14	Mid-Flood	Sunny	CS2	11:44:23	6.9	Bottom	3	2	16.96	8.08	25.43	101	8.38	2.7	8.8
HKLR	HY/2011/03	2016-03-14	Mid-Flood	Sunny	CS(Mf)5	09:49:31	1.0	Surface	1	1	16.95	8.04	25.3	102.2	8.44	1.9	5.6
HKLR	HY/2011/03	2016-03-14	Mid-Flood	Sunny	CS(Mf)5	09:50:10	1.0	Surface	1	2	16.93	8.05	25.34	102.5	8.5	1.8	5.1
HKLR	HY/2011/03	2016-03-14	Mid-Flood	Sunny	CS(Mf)5	09:49:58	6.3	Middle	2	1	17.05	8.01	27.36	102.3	8.38	2.4	5.2
HKLR	HY/2011/03	2016-03-14	Mid-Flood	Sunny	CS(Mf)5	09:49:22	6.3	Middle	2	2	17.03	8.02	27.26	101.6	8.35	2.4	5.2
HKLR	HY/2011/03	2016-03-14	Mid-Flood	Sunny	CS(Mf)5	09:49:00	11.5	Bottom	3	1	17.07	8.01	27.49	101.4	8.31	2.4	4.4
HKLR	HY/2011/03	2016-03-14	Mid-Flood	Sunny	CS(Mf)5	09:49:50	11.5	Bottom	3	2	17.06	8.01	27.58	102	8.35	2.5	4.1
HKLR	HY/2011/03	2016-03-16	Mid-Ebb	Cloudy	IS5	08:00:54	1.0	Surface	1	1	16.44	8.02	27.12	98.7	8.18	2.5	3
HKLR	HY/2011/03	2016-03-16	Mid-Ebb	Cloudy	IS5	08:01:19	1.0	Surface	1	2	16.44	8.02	27.12	98.5	8.15	2.6	4
HKLR	HY/2011/03	2016-03-16	Mid-Ebb	Cloudy	IS5	08:01:09	4.1	Middle	2	1	16.47	8.02	27.28	98.3	8.15	2.6	6
HKLR	HY/2011/03	2016-03-16	Mid-Ebb	Cloudy	IS5	08:00:47	4.1	Middle	2	2	16.48	8.02	27.33	98.5	8.17	2.6	6
HKLR	HY/2011/03	2016-03-16	Mid-Ebb	Cloudy	IS5	08:00:40	7.1	Bottom	3	1	16.45	8.01	27.37	98.5	8.16	2.6	6.4
HKLR	HY/2011/03	2016-03-16	Mid-Ebb	Cloudy	IS5	08:01:01	7.1	Bottom	3	2	16.45	8.02	27.41	98.2	8.14	2.5	5.3
HKLR	HY/2011/03	2016-03-16	Mid-Ebb	Cloudy	IS(Mf)6	07:50:27	1.0	Surface	1	1	16.44	8.01	27.08	98.8	8.2	2.5	5.9
HKLR	HY/2011/03	2016-03-16	Mid-Ebb	Cloudy	IS(Mf)6	07:50:15	1.0	Surface	1	2	16.44	8.01	27.09	99	8.22	2.5	6.8

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	2016-03-16	Mid-Ebb	Cloudy	IS(Mf)6	07:50:09	2.1	Bottom	3	1	16.44	8.01	27.13	99.1	8.22	2.5	7
HKLR	HY/2011/03	2016-03-16	Mid-Ebb	Cloudy	IS(Mf)6	07:50:20	2.1	Bottom	3	2	16.44	8.01	27.08	98.9	8.2	2.5	6.1
HKLR	HY/2011/03	2016-03-16	Mid-Ebb	Cloudy	IS7	07:41:04	1.0	Surface	1	1	16.51	8.02	26.79	98.2	8.15	2.3	6.6
HKLR	HY/2011/03	2016-03-16	Mid-Ebb	Cloudy	IS7	07:41:13	1.0	Surface	1	2	16.51	8.02	26.8	98.2	8.15	2.3	7.7
HKLR	HY/2011/03	2016-03-16	Mid-Ebb	Cloudy	IS7	07:41:08	2.4	Bottom	3	1	16.51	8.02	26.8	98.2	8.15	2.3	6.9
HKLR	HY/2011/03	2016-03-16	Mid-Ebb	Cloudy	IS7	07:40:56	2.4	Bottom	3	2	16.51	8.02	26.8	98.2	8.15	2.4	7.4
HKLR	HY/2011/03	2016-03-16	Mid-Ebb	Cloudy	IS8	07:16:38	1.0	Surface	1	1	16.44	8.01	26.69	98.7	8.21	4.8	5.6
HKLR	HY/2011/03	2016-03-16	Mid-Ebb	Cloudy	IS8	07:16:50	1.0	Surface	1	2	16.44	8.01	26.69	98.5	8.19	4.8	6.5
HKLR	HY/2011/03	2016-03-16	Mid-Ebb	Cloudy	IS8	07:16:32	2.9	Bottom	3	1	16.44	8.01	26.69	98.8	8.22	4.8	6.4
HKLR	HY/2011/03	2016-03-16	Mid-Ebb	Cloudy	IS8	07:16:44	2.9	Bottom	3	2	16.44	8.01	26.7	98.6	8.2	4.8	6.4
HKLR	HY/2011/03	2016-03-16	Mid-Ebb	Cloudy	IS(Mf)9	07:32:50	1.0	Surface	1	1	16.5	8.01	26.76	98.4	8.17	2.5	4.2
HKLR	HY/2011/03	2016-03-16	Mid-Ebb	Cloudy	IS(Mf)9	07:33:04	1.0	Surface	1	2	16.5	8.02	26.77	98.3	8.17	2.4	4.9
HKLR	HY/2011/03	2016-03-16	Mid-Ebb	Cloudy	IS(Mf)9	07:32:55	2.7	Bottom	3	1	16.5	8.01	26.77	98.4	8.17	2.5	4.7
HKLR	HY/2011/03	2016-03-16	Mid-Ebb	Cloudy	IS(Mf)9	07:32:42	2.7	Bottom	3	2	16.5	8.01	26.77	98.4	8.17	2.4	5.5
HKLR	HY/2011/03	2016-03-16	Mid-Ebb	Cloudy	IS10	06:45:45	1.0	Surface	1	1	16.65	8.05	27.45	98.1	8.09	2	5.7
HKLR	HY/2011/03	2016-03-16	Mid-Ebb	Cloudy	IS10	06:45:04	1.0	Surface	1	2	16.68	8.05	28.74	98	8.01	1.9	6.4
HKLR	HY/2011/03	2016-03-16	Mid-Ebb	Cloudy	IS10	06:45:23	5.2	Middle	2	1	16.74	8.04	28.65	97.7	7.98	2.1	5
HKLR	HY/2011/03	2016-03-16	Mid-Ebb	Cloudy	IS10	06:44:56	5.2	Middle	2	2	16.74	8.04	29.44	98.2	7.99	2	4
HKLR	HY/2011/03	2016-03-16	Mid-Ebb	Cloudy	IS10	06:45:16	9.3	Bottom	3	1	16.73	8.04	28.86	97.5	7.96	2.4	5.8
HKLR	HY/2011/03	2016-03-16	Mid-Ebb	Cloudy	IS10	06:44:46	9.3	Bottom	3	2	16.74	8.04	29.58	98.1	7.97	2.5	6.6
HKLR	HY/2011/03	2016-03-16	Mid-Ebb	Cloudy	SR3	08:10:09	0.7	Middle	2	1	16.44	8.02	27.11	98.5	8.17	2.5	4.8
HKLR	HY/2011/03	2016-03-16	Mid-Ebb	Cloudy	SR3	08:10:00	0.7	Middle	2	2	16.44	8.02	27.11	98.5	8.17	2.4	4.8
HKLR	HY/2011/03	2016-03-16	Mid-Ebb	Cloudy	SR4	07:24:02	1.0	Surface	1	1	16.46	8.02	26.72	98.1	8.15	4.8	4.2
HKLR	HY/2011/03	2016-03-16	Mid-Ebb	Cloudy	SR4	07:23:48	1.0	Surface	1	2	16.46	8.02	26.72	98	8.15	4.8	5.5
HKLR	HY/2011/03	2016-03-16	Mid-Ebb	Cloudy	SR4	07:23:41	2.7	Bottom	3	1	16.45	8.02	26.73	98.1	8.16	4.9	6.9
HKLR	HY/2011/03	2016-03-16	Mid-Ebb	Cloudy	SR4	07:23:55	2.7	Bottom	3	2	16.48	8.02	26.78	98	8.14	4.9	5.8
HKLR	HY/2011/03	2016-03-16	Mid-Ebb	Cloudy	SR5	06:53:25	1.0	Surface	1	1	16.67	8.05	26.79	98.3	8.14	2	5.7
HKLR	HY/2011/03	2016-03-16	Mid-Ebb	Cloudy	SR5	06:53:50	1.0	Surface	1	2	16.66	8.05	26.37	98.4	8.17	1.9	5.3
HKLR	HY/2011/03	2016-03-16	Mid-Ebb	Cloudy	SR5	06:53:15	4.1	Bottom	3	1	16.72	8.04	27.31	98.2	8.09	1.9	5.4
HKLR	HY/2011/03	2016-03-16	Mid-Ebb	Cloudy	SR5	06:53:38	4.1	Bottom	3	2	16.71	8.04	26.84	98.5	8.15	2	5.5
HKLR	HY/2011/03	2016-03-16	Mid-Ebb	Cloudy	SR10A	06:03:05	1.0	Surface	1	1	16.75	7.97	26.61	99.7	8.25	1.4	5.3
HKLR	HY/2011/03	2016-03-16	Mid-Ebb	Cloudy	SR10A	06:02:22	1.0	Surface	1	2	16.71	7.96	26.52	99.8	8.26	1.3	5.6
HKLR	HY/2011/03	2016-03-16	Mid-Ebb	Cloudy	SR10A	06:02:57	3.1	Middle	2	1	16.74	7.97	26.62	99.6	8.24	1.4	4.8
HKLR	HY/2011/03	2016-03-16	Mid-Ebb	Cloudy	SR10A	06:02:15	3.1	Middle	2	2	16.73	7.96	26.51	99.7	8.25	1.4	5.6
HKLR	HY/2011/03	2016-03-16	Mid-Ebb	Cloudy	SR10A	06:02:49	5.2	Bottom	3	1	16.76	7.97	26.62	99.5	8.23	1.3	6.6
HKLR	HY/2011/03	2016-03-16	Mid-Ebb	Cloudy	SR10A	06:02:06	5.2	Bottom	3	2	16.72	7.95	26.5	99.7	8.25	1.3	6
HKLR	HY/2011/03	2016-03-16	Mid-Ebb	Cloudy	SR10B	05:52:10	1.0	Surface	1	1	16.69	7.88	25.92	100.1	8.32	1.2	5.6
HKLR	HY/2011/03	2016-03-16	Mid-Ebb	Cloudy	SR10B	05:52:28	1.0	Surface	1	2	16.68	7.9	26.04	99.9	8.31	1.3	4.6
HKLR	HY/2011/03	2016-03-16	Mid-Ebb	Cloudy	SR10B	05:52:00	4.3	Bottom	3	1	16.7	7.87	25.85	100.1	8.33	1.2	5.8
HKLR	HY/2011/03	2016-03-16	Mid-Ebb	Cloudy	SR10B	05:52:19	4.3	Bottom	3	2	16.71	7.89	26.03	100	8.3	1.2	5.7
HKLR	HY/2011/03	2016-03-16	Mid-Ebb	Cloudy	CS2	08:05:58	1.0	Surface	1	1	16.74	8.03	21.78	96.1	8.18	2.3	6.1
HKLR	HY/2011/03	2016-03-16	Mid-Ebb	Cloudy	CS2	08:06:29	1.0	Surface	1	2	16.74	8.02	21.57	96.3	8.22	2.5	5
HKLR	HY/2011/03	2016-03-16	Mid-Ebb	Cloudy	CS2	08:06:19	3.8	Middle	2	1	16.75	8.02	22.18	96.5	8.2	2.6	4.8
HKLR	HY/2011/03	2016-03-16	Mid-Ebb	Cloudy	CS2	08:05:45	3.8	Middle	2	2	16.74	8.03	22.55	95.3	8.08	2.3	5.2
HKLR	HY/2011/03	2016-03-16	Mid-Ebb	Cloudy	CS2	08:05:36	6.6	Bottom	3	1	16.69	8.02	22.59	96.5	8.19	2.4	5.2
HKLR	HY/2011/03	2016-03-16	Mid-Ebb	Cloudy	CS2	08:06:07	6.6	Bottom	3	2	16.74	8.02	22.64	98.3	8.33	2.3	7
HKLR	HY/2011/03	2016-03-16	Mid-Ebb	Cloudy	CS(Mf)5	06:41:59	1.0	Surface	1	1	16.75	7.99	26.84	98.8	8.16	1.2	4.9
HKLR	HY/2011/03	2016-03-16	Mid-Ebb	Cloudy	CS(Mf)5	06:42:47	1.0	Surface	1	2	16.74	8	26.9	98.9	8.17	1.2	5.8
HKLR	HY/2011/03	2016-03-16	Mid-Ebb	Cloudy	CS(Mf)5	06:41:48	6.2	Middle	2	1	16.89	7.99	27.19	98.6	8.11	1.3	5.5
HKLR	HY/2011/03	2016-03-16	Mid-Ebb	Cloudy	CS(Mf)5	06:42:35	6.2	Middle	2	2	16.78	8	26.93	98.7	8.12	1.3	4.3
HKLR	HY/2011/03	2016-03-16	Mid-Ebb	Cloudy	CS(Mf)5	06:42:15	11.4	Bottom	3	1	16.89	7.98	27.58	98.4	8.09	1.3	4.7
HKLR	HY/2011/03	2016-03-16	Mid-Ebb	Cloudy	CS(Mf)5	06:41:40	11.4	Bottom	3	2	16.88	7.98	27.46	98.5	8.1	1.3	4.5

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	2016-03-16	Mid-Flood	Cloudy	IS5	10:58:43	1.0	Surface	1	1	16.44	8.03	27.08	97.8	8.11	2.5	4.7
HKLR	HY/2011/03	2016-03-16	Mid-Flood	Cloudy	IS5	10:58:19	1.0	Surface	1	2	16.44	8.03	27.09	97.9	8.12	2.2	4.4
HKLR	HY/2011/03	2016-03-16	Mid-Flood	Cloudy	IS5	10:58:10	4.3	Middle	2	1	16.48	8.02	27.38	97.9	8.1	2.5	5.4
HKLR	HY/2011/03	2016-03-16	Mid-Flood	Cloudy	IS5	10:58:35	4.3	Middle	2	2	16.48	8.02	27.21	97.7	8.09	2.6	6.7
HKLR	HY/2011/03	2016-03-16	Mid-Flood	Cloudy	IS5	10:58:02	7.5	Bottom	3	1	16.48	8.01	27.72	98.2	8.11	2.7	5.5
HKLR	HY/2011/03	2016-03-16	Mid-Flood	Cloudy	IS5	10:58:28	7.5	Bottom	3	2	16.47	8.02	28.2	97.9	8.07	2.7	5.5
HKLR	HY/2011/03	2016-03-16	Mid-Flood	Cloudy	IS(Mf)6	11:14:39	1.0	Surface	1	1	16.41	8.02	27	99.3	8.25	2.2	4.7
HKLR	HY/2011/03	2016-03-16	Mid-Flood	Cloudy	IS(Mf)6	11:14:51	1.0	Surface	1	2	16.41	8.02	27	99.2	8.24	2.2	5
HKLR	HY/2011/03	2016-03-16	Mid-Flood	Cloudy	IS(Mf)6	11:14:31	2.2	Bottom	3	1	16.41	8.02	26.99	99.4	8.26	2.2	4.9
HKLR	HY/2011/03	2016-03-16	Mid-Flood	Cloudy	IS(Mf)6	11:14:45	2.2	Bottom	3	2	16.41	8.02	27	99.2	8.25	2.2	6.7
HKLR	HY/2011/03	2016-03-16	Mid-Flood	Cloudy	IS7	11:20:50	1.0	Surface	1	1	16.41	8.03	27.02	99	8.23	2.2	6.2
HKLR	HY/2011/03	2016-03-16	Mid-Flood	Cloudy	IS7	11:21:02	1.0	Surface	1	2	16.41	8.03	27.02	99	8.22	2.2	5.5
HKLR	HY/2011/03	2016-03-16	Mid-Flood	Cloudy	IS7	11:20:44	2.3	Bottom	3	1	16.41	8.03	27.02	99	8.23	2.3	6
HKLR	HY/2011/03	2016-03-16	Mid-Flood	Cloudy	IS7	11:20:56	2.3	Bottom	3	2	16.41	8.03	27.02	99	8.22	2.2	7.5
HKLR	HY/2011/03	2016-03-16	Mid-Flood	Cloudy	IS8	11:44:09	1.0	Surface	1	1	16.54	8.03	27.07	98.2	8.13	5.6	6.3
HKLR	HY/2011/03	2016-03-16	Mid-Flood	Cloudy	IS8	11:43:54	1.0	Surface	1	2	16.54	8.03	27.09	98.1	8.12	5.6	7.1
HKLR	HY/2011/03	2016-03-16	Mid-Flood	Cloudy	IS8	11:44:02	3.1	Bottom	3	1	16.55	8.02	27.18	98.2	8.12	5.6	7.1
HKLR	HY/2011/03	2016-03-16	Mid-Flood	Cloudy	IS8	11:43:46	3.1	Bottom	3	2	16.56	8.02	27.2	98.1	8.12	5.7	5.9
HKLR	HY/2011/03	2016-03-16	Mid-Flood	Cloudy	IS(Mf)9	11:28:22	1.0	Surface	1	1	16.51	8.01	27.03	99.3	8.23	5.7	8
HKLR	HY/2011/03	2016-03-16	Mid-Flood	Cloudy	IS(Mf)9	11:28:34	1.0	Surface	1	2	16.51	8.01	27.04	99.1	8.22	5.3	8.3
HKLR	HY/2011/03	2016-03-16	Mid-Flood	Cloudy	IS(Mf)9	11:28:28	2.8	Bottom	3	1	16.51	8.01	27.05	99.2	8.22	5.4	9.2
HKLR	HY/2011/03	2016-03-16	Mid-Flood	Cloudy	IS(Mf)9	11:28:15	2.8	Bottom	3	2	16.52	8.01	27.05	99.5	8.25	5.5	8.6
HKLR	HY/2011/03	2016-03-16	Mid-Flood	Cloudy	IS10	12:00:11	1.0	Surface	1	1	16.67	8.03	18.8	99.3	8.63	2.4	4.8
HKLR	HY/2011/03	2016-03-16	Mid-Flood	Cloudy	IS10	11:59:30	1.0	Surface	1	2	16.67	8.03	18.8	99.5	8.65	2.4	4.9
HKLR	HY/2011/03	2016-03-16	Mid-Flood	Cloudy	IS10	11:59:15	5.3	Middle	2	1	16.75	8.02	20.2	98.9	8.5	2.8	5.5
HKLR	HY/2011/03	2016-03-16	Mid-Flood	Cloudy	IS10	11:59:53	5.3	Middle	2	2	16.75	8.03	20.31	98.4	8.46	2.7	5.9
HKLR	HY/2011/03	2016-03-16	Mid-Flood	Cloudy	IS10	11:59:09	9.6	Bottom	3	1	16.75	8.02	20.17	100.1	8.61	3	5.8
HKLR	HY/2011/03	2016-03-16	Mid-Flood	Cloudy	IS10	11:59:47	9.6	Bottom	3	2	16.75	8.02	20.35	99.4	8.54	2.8	5.8
HKLR	HY/2011/03	2016-03-16	Mid-Flood	Cloudy	SR3	10:46:41	0.8	Middle	2	1	16.41	8.02	26.96	99.1	8.23	2.5	4.6
HKLR	HY/2011/03	2016-03-16	Mid-Flood	Cloudy	SR3	10:46:46	0.8	Middle	2	2	16.41	8.02	26.95	99	8.22	2.4	4.9
HKLR	HY/2011/03	2016-03-16	Mid-Flood	Cloudy	SR4	11:36:23	1.0	Surface	1	1	16.54	8.02	27.09	99.2	8.22	5.5	10.4
HKLR	HY/2011/03	2016-03-16	Mid-Flood	Cloudy	SR4	11:36:37	1.0	Surface	1	2	16.52	8.02	27.04	99	8.2	5.4	9.7
HKLR	HY/2011/03	2016-03-16	Mid-Flood	Cloudy	SR4	11:36:17	2.8	Bottom	3	1	16.54	8.01	27.12	99.4	8.23	5.5	9.3
HKLR	HY/2011/03	2016-03-16	Mid-Flood	Cloudy	SR4	11:36:30	2.8	Bottom	3	2	16.54	8.02	27.1	99	8.2	5.5	10.3
HKLR	HY/2011/03	2016-03-16	Mid-Flood	Cloudy	SR5	11:51:58	1.0	Surface	1	1	16.67	8.03	19.43	100.7	8.71	2.2	4.3
HKLR	HY/2011/03	2016-03-16	Mid-Flood	Cloudy	SR5	11:51:37	1.0	Surface	1	2	16.68	8.04	19.77	100.1	8.64	2.3	4.6
HKLR	HY/2011/03	2016-03-16	Mid-Flood	Cloudy	SR5	11:51:27	3.8	Bottom	3	1	16.7	8.03	21.32	100.3	8.57	2.3	4.9
HKLR	HY/2011/03	2016-03-16	Mid-Flood	Cloudy	SR5	11:51:46	3.8	Bottom	3	2	16.68	8.03	20.79	100.3	8.6	2.3	4.2
HKLR	HY/2011/03	2016-03-16	Mid-Flood	Cloudy	SR10A	13:06:47	1.0	Surface	1	1	16.76	8.05	28.11	101.3	8.3	1.8	3.1
HKLR	HY/2011/03	2016-03-16	Mid-Flood	Cloudy	SR10A	13:07:22	1.0	Surface	1	2	16.76	8.05	28.11	101.9	8.35	1.7	3.9
HKLR	HY/2011/03	2016-03-16	Mid-Flood	Cloudy	SR10A	13:06:40	3.3	Middle	2	1	16.76	8.05	28.12	100.7	8.25	1.9	4.2
HKLR	HY/2011/03	2016-03-16	Mid-Flood	Cloudy	SR10A	13:07:13	3.3	Middle	2	2	16.77	8.05	28.18	101.8	8.32	1.8	3.1
HKLR	HY/2011/03	2016-03-16	Mid-Flood	Cloudy	SR10A	13:07:05	5.6	Bottom	3	1	16.8	8.04	28.46	101.3	8.3	1.8	3
HKLR	HY/2011/03	2016-03-16	Mid-Flood	Cloudy	SR10A	13:06:25	5.6	Bottom	3	2	16.83	8.04	28.45	100.3	8.19	1.8	3.4
HKLR	HY/2011/03	2016-03-16	Mid-Flood	Cloudy	SR10B	13:16:38	1.0	Surface	1	1	16.76	8.06	28.11	102.8	8.43	1.5	5.1
HKLR	HY/2011/03	2016-03-16	Mid-Flood	Cloudy	SR10B	13:16:56	1.0	Surface	1	2	16.76	8.06	28.1	103.1	8.45	1.6	5.1
HKLR	HY/2011/03	2016-03-16	Mid-Flood	Cloudy	SR10B	13:16:46	4.4	Bottom	3	1	16.76	8.06	28.12	102.9	8.43	1.5	4.4
HKLR	HY/2011/03	2016-03-16	Mid-Flood	Cloudy	SR10B	13:16:29	4.4	Bottom	3	2	16.76	8.05	28.13	102.8	8.43	1.5	4.3
HKLR	HY/2011/03	2016-03-16	Mid-Flood	Cloudy	CS2	10:35:34	1.0	Surface	1	1	16.77	8.03	25.12	99.4	8.29	2.5	5.1
HKLR	HY/2011/03	2016-03-16	Mid-Flood	Cloudy	CS2	10:34:56	1.0	Surface	1	2	16.77	8.03	28.15	99.4	8.14	2.4	3.6
HKLR	HY/2011/03	2016-03-16	Mid-Flood	Cloudy	CS2	10:35:18	3.9	Middle	2	1	16.71	8.04	26.74	97.1	8.03	2.4	3.7
HKLR	HY/2011/03	2016-03-16	Mid-Flood	Cloudy	CS2	10:34:40	3.9	Middle	2	2	16.71	8.04	29.23	97	7.9	2.5	5.3

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2016-03-16	Mid-Flood	Cloudy	CS2	10:34:24	6.7	Bottom	3	1	16.67	8.04	30.18	97.5	7.9	3	4.4
HKLR	HY/2011/03	2016-03-16	Mid-Flood	Cloudy	CS2	10:35:10	6.7	Bottom	3	2	16.69	8.03	28.12	99.1	8.13	3	3.2
HKLR	HY/2011/03	2016-03-16	Mid-Flood	Cloudy	CS(Mf)5	12:28:51	1.0	Surface	1	1	16.78	8.04	28.16	98.7	8.08	1.2	5.1
HKLR	HY/2011/03	2016-03-16	Mid-Flood	Cloudy	CS(Mf)5	12:27:52	1.0	Surface	1	2	16.8	8.03	28.2	99	8.11	1.1	3.3
HKLR	HY/2011/03	2016-03-16	Mid-Flood	Cloudy	CS(Mf)5	12:27:42	6.4	Middle	2	1	16.91	8.02	28.66	99.1	8.07	1.2	3.2
HKLR	HY/2011/03	2016-03-16	Mid-Flood	Cloudy	CS(Mf)5	12:28:40	6.4	Middle	2	2	16.88	8.03	28.59	98.2	8.01	1.2	4.2
HKLR	HY/2011/03	2016-03-16	Mid-Flood	Cloudy	CS(Mf)5	12:27:35	11.7	Bottom	3	1	16.93	8.02	28.87	99.6	8.1	1.3	8.8
HKLR	HY/2011/03	2016-03-16	Mid-Flood	Cloudy	CS(Mf)5	12:28:27	11.7	Bottom	3	2	16.94	8.02	28.92	98.6	8.02	1.2	8.3
HKLR	HY/2011/03	2016-03-18	Mid-Ebb	Fine	IS5	11:41:44	1.0	Surface	1	1	17.51	8.02	28.17	99.9	8.07	3.1	3.6
HKLR	HY/2011/03	2016-03-18	Mid-Ebb	Fine	IS5	11:42:07	1.0	Surface	1	2	17.5	8.02	28.18	99.9	8.07	3.1	3.7
HKLR	HY/2011/03	2016-03-18	Mid-Ebb	Fine	IS5	11:42:01	4.1	Middle	2	1	17.48	8.02	28.2	99.7	8.06	3.1	3.7
HKLR	HY/2011/03	2016-03-18	Mid-Ebb	Fine	IS5	11:41:34	4.1	Middle	2	2	17.48	8.02	28.2	99.6	8.05	3.1	3.9
HKLR	HY/2011/03	2016-03-18	Mid-Ebb	Fine	IS5	11:41:52	7.2	Bottom	3	1	17.49	8.02	28.19	99.7	8.05	3.2	3.9
HKLR	HY/2011/03	2016-03-18	Mid-Ebb	Fine	IS5	11:41:28	7.2	Bottom	3	2	17.48	8.02	28.21	99.5	8.04	3.2	3.9
HKLR	HY/2011/03	2016-03-18	Mid-Ebb	Fine	IS(Mf)6	11:36:28	1.0	Surface	1	1	17.61	8.02	27.72	99.4	8.03	3.6	9.9
HKLR	HY/2011/03	2016-03-18	Mid-Ebb	Fine	IS(Mf)6	11:36:06	1.0	Surface	1	2	17.47	8.02	27.78	98.8	8	3.5	9.3
HKLR	HY/2011/03	2016-03-18	Mid-Ebb	Fine	IS(Mf)6	11:36:16	2.4	Bottom	3	1	17.34	8.02	27.87	98.7	8.01	3.8	9.3
HKLR	HY/2011/03	2016-03-18	Mid-Ebb	Fine	IS(Mf)6	11:35:55	2.4	Bottom	3	2	17.43	8.02	27.8	98.2	7.96	3.7	9.3
HKLR	HY/2011/03	2016-03-18	Mid-Ebb	Fine	IS7	11:26:06	1.0	Surface	1	1	17.36	8.02	27.86	99.9	8.1	2.6	4.2
HKLR	HY/2011/03	2016-03-18	Mid-Ebb	Fine	IS7	11:26:27	1.0	Surface	1	2	17.38	8.02	27.86	100	8.11	2.6	5.1
HKLR	HY/2011/03	2016-03-18	Mid-Ebb	Fine	IS7	11:26:16	2.3	Bottom	3	1	17.34	8.02	27.87	99.8	8.1	2.7	3.5
HKLR	HY/2011/03	2016-03-18	Mid-Ebb	Fine	IS7	11:25:57	2.3	Bottom	3	2	17.34	8.02	27.87	99.7	8.09	2.7	4.1
HKLR	HY/2011/03	2016-03-18	Mid-Ebb	Fine	IS8	10:58:30	1.0	Surface	1	1	17.33	8.02	27.83	98.6	8	2.3	4
HKLR	HY/2011/03	2016-03-18	Mid-Ebb	Fine	IS8	10:58:14	1.0	Surface	1	2	17.25	8.02	27.89	98.1	7.97	2.4	2.9
HKLR	HY/2011/03	2016-03-18	Mid-Ebb	Fine	IS8	10:58:08	2.7	Bottom	3	1	17.24	8.02	27.91	97.9	7.96	2.3	4
HKLR	HY/2011/03	2016-03-18	Mid-Ebb	Fine	IS8	10:58:21	2.7	Bottom	3	2	17.28	8.02	27.87	98.2	7.98	2.3	3.9
HKLR	HY/2011/03	2016-03-18	Mid-Ebb	Fine	IS(Mf)9	11:17:46	1.0	Surface	1	1	17.33	8.02	27.89	99	8.03	2.7	3.7
HKLR	HY/2011/03	2016-03-18	Mid-Ebb	Fine	IS(Mf)9	11:17:34	1.0	Surface	1	2	17.35	8.02	27.89	98.7	8.01	2.8	3.9
HKLR	HY/2011/03	2016-03-18	Mid-Ebb	Fine	IS(Mf)9	11:17:26	2.7	Bottom	3	1	17.34	8.02	27.9	98.4	7.99	2.7	5.4
HKLR	HY/2011/03	2016-03-18	Mid-Ebb	Fine	IS(Mf)9	11:17:39	2.7	Bottom	3	2	17.33	8.02	27.9	98.7	8.01	2.8	3.9
HKLR	HY/2011/03	2016-03-18	Mid-Ebb	Fine	IS10	10:25:26	1.0	Surface	1	1	17.13	8	26.03	97.6	8.04	1.5	2.7
HKLR	HY/2011/03	2016-03-18	Mid-Ebb	Fine	IS10	10:26:04	1.0	Surface	1	2	17.17	8	24.65	98	8.14	1.6	3.3
HKLR	HY/2011/03	2016-03-18	Mid-Ebb	Fine	IS10	10:25:45	5.4	Middle	2	1	16.99	7.99	26.81	96.8	7.96	1.7	2.6
HKLR	HY/2011/03	2016-03-18	Mid-Ebb	Fine	IS10	10:25:03	5.4	Middle	2	2	16.98	7.98	27.98	95.9	7.83	1.7	3
HKLR	HY/2011/03	2016-03-18	Mid-Ebb	Fine	IS10	10:25:37	9.7	Bottom	3	1	17.01	7.99	27.05	97	7.96	1.7	2.1
HKLR	HY/2011/03	2016-03-18	Mid-Ebb	Fine	IS10	10:24:53	9.7	Bottom	3	2	16.99	7.98	28.21	96.3	7.85	1.7	2.7
HKLR	HY/2011/03	2016-03-18	Mid-Ebb	Fine	SR3	11:49:00	0.7	Middle	2	1	17.54	8.02	28.15	100.6	8.12	2.7	5
HKLR	HY/2011/03	2016-03-18	Mid-Ebb	Fine	SR3	11:49:08	0.7	Middle	2	2	17.54	8.02	28.15	100.6	8.12	2.6	3.8
HKLR	HY/2011/03	2016-03-18	Mid-Ebb	Fine	SR4	11:07:00	1.0	Surface	1	1	17.36	8.01	27.81	99.1	8.04	2.3	2.8
HKLR	HY/2011/03	2016-03-18	Mid-Ebb	Fine	SR4	11:06:40	1.0	Surface	1	2	17.34	8.01	27.82	99.1	8.05	2.3	3.8
HKLR	HY/2011/03	2016-03-18	Mid-Ebb	Fine	SR4	11:06:32	2.8	Bottom	3	1	17.3	8.01	27.84	98.8	8.03	2.4	3.7
HKLR	HY/2011/03	2016-03-18	Mid-Ebb	Fine	SR4	11:06:48	2.8	Bottom	3	2	17.31	8.01	27.84	98.9	8.03	2.4	5.4
HKLR	HY/2011/03	2016-03-18	Mid-Ebb	Fine	SR5	10:33:43	1.0	Surface	1	1	17.51	8	22.76	99.4	8.29	1.5	2.1
HKLR	HY/2011/03	2016-03-18	Mid-Ebb	Fine	SR5	10:34:00	1.0	Surface	1	2	17.31	8	23.08	98.9	8.26	1.5	2.4
HKLR	HY/2011/03	2016-03-18	Mid-Ebb	Fine	SR5	10:33:31	3.9	Bottom	3	1	17.2	8	24.05	98.7	8.22	1.7	2.4
HKLR	HY/2011/03	2016-03-18	Mid-Ebb	Fine	SR5	10:33:53	3.9	Bottom	3	2	17.28	7.99	23.57	98.8	8.24	1.5	2.4
HKLR	HY/2011/03	2016-03-18	Mid-Ebb	Fine	SR10A	09:22:49	1.0	Surface	1	1	17.18	7.96	27.56	97.6	7.96	1.1	2.3
HKLR	HY/2011/03	2016-03-18	Mid-Ebb	Fine	SR10A	09:23:23	1.0	Surface	1	2	17.19	7.96	27.61	97.7	7.97	1.2	2.4
HKLR	HY/2011/03	2016-03-18	Mid-Ebb	Fine	SR10A	09:23:12	3.2	Middle	2	1	17.04	7.96	27.79	97.2	7.94	1.2	2.4
HKLR	HY/2011/03	2016-03-18	Mid-Ebb	Fine	SR10A	09:22:37	3.2	Middle	2	2	17.02	7.95	27.76	97.1	7.93	1.2	4.1
HKLR	HY/2011/03	2016-03-18	Mid-Ebb	Fine	SR10A	09:22:23	5.3	Bottom	3	1	16.98	7.95	27.97	96.9	7.91	1.2	2.3
HKLR	HY/2011/03	2016-03-18	Mid-Ebb	Fine	SR10A	09:23:01	5.3	Bottom	3	2	17.01	7.95	27.96	97.2	7.94	1.2	3.7

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2016-03-18	Mid-Ebb	Fine	SR10B	09:12:09	1.0	Surface	1	1	17.12	7.91	27.34	97.7	7.99	1.6	2.7
HKLR	HY/2011/03	2016-03-18	Mid-Ebb	Fine	SR10B	09:12:26	1.0	Surface	1	2	17.11	7.92	27.4	97.7	7.98	1.5	2.4
HKLR	HY/2011/03	2016-03-18	Mid-Ebb	Fine	SR10B	09:12:18	4.2	Bottom	3	1	17.05	7.91	27.52	97.5	7.97	1.5	2.4
HKLR	HY/2011/03	2016-03-18	Mid-Ebb	Fine	SR10B	09:12:01	4.2	Bottom	3	2	17.08	7.91	27.45	97.6	7.98	1.5	2.5
HKLR	HY/2011/03	2016-03-18	Mid-Ebb	Fine	CS2	11:51:50	1.0	Surface	1	1	17.35	8	19.41	99.4	8.49	1.9	1.3
HKLR	HY/2011/03	2016-03-18	Mid-Ebb	Fine	CS2	11:51:16	1.0	Surface	1	2	17.25	8.01	19.62	99	8.46	1.8	1
HKLR	HY/2011/03	2016-03-18	Mid-Ebb	Fine	CS2	11:51:38	3.9	Middle	2	1	17.08	8	21.56	98.9	8.38	2.2	2.6
HKLR	HY/2011/03	2016-03-18	Mid-Ebb	Fine	CS2	11:51:07	3.9	Middle	2	2	17.01	7.99	22.13	98.5	8.33	2.2	2.7
HKLR	HY/2011/03	2016-03-18	Mid-Ebb	Fine	CS2	11:50:57	6.7	Bottom	3	1	17.02	7.99	22.16	99.4	8.4	2.1	2
HKLR	HY/2011/03	2016-03-18	Mid-Ebb	Fine	CS2	11:51:26	6.7	Bottom	3	2	17.1	7.99	22.24	98.5	8.31	2.2	2.7
HKLR	HY/2011/03	2016-03-18	Mid-Ebb	Fine	CS(Mf)5	10:07:56	1.0	Surface	1	1	17.16	7.99	27.83	96.4	7.85	1.2	2.9
HKLR	HY/2011/03	2016-03-18	Mid-Ebb	Fine	CS(Mf)5	10:08:51	1.0	Surface	1	2	17.09	7.99	28.02	95.7	7.79	1.3	2.9
HKLR	HY/2011/03	2016-03-18	Mid-Ebb	Fine	CS(Mf)5	10:08:41	6.2	Middle	2	1	16.96	7.98	28.4	95.1	7.75	1.3	2.6
HKLR	HY/2011/03	2016-03-18	Mid-Ebb	Fine	CS(Mf)5	10:07:41	6.2	Middle	2	2	16.96	7.98	28.32	95.1	7.75	1.4	2.1
HKLR	HY/2011/03	2016-03-18	Mid-Ebb	Fine	CS(Mf)5	10:07:31	11.4	Bottom	3	1	16.95	7.97	28.46	95.3	7.76	1.5	2.5
HKLR	HY/2011/03	2016-03-18	Mid-Ebb	Fine	CS(Mf)5	10:08:30	11.4	Bottom	3	2	16.95	7.98	28.54	94.9	7.74	1.5	3
HKLR	HY/2011/03	2016-03-18	Mid-Flood	Sunny	IS5	14:07:51	1.0	Surface	1	1	17.55	8.01	28.14	101.2	8.16	2.3	3.5
HKLR	HY/2011/03	2016-03-18	Mid-Flood	Sunny	IS5	14:07:17	1.0	Surface	1	2	17.54	8.02	28.14	101.2	8.17	2.2	2.2
HKLR	HY/2011/03	2016-03-18	Mid-Flood	Sunny	IS5	14:07:41	4.2	Middle	2	1	17.51	8.02	28.17	100.8	8.14	2.4	3.2
HKLR	HY/2011/03	2016-03-18	Mid-Flood	Sunny	IS5	14:07:01	4.2	Middle	2	2	17.51	8.02	28.17	100.8	8.14	2.4	2.2
HKLR	HY/2011/03	2016-03-18	Mid-Flood	Sunny	IS5	14:07:33	7.4	Bottom	3	1	17.52	8.02	28.17	100.9	8.14	2.5	3.1
HKLR	HY/2011/03	2016-03-18	Mid-Flood	Sunny	IS5	14:06:52	7.4	Bottom	3	2	17.49	8.03	28.19	100.7	8.13	2.6	3.3
HKLR	HY/2011/03	2016-03-18	Mid-Flood	Sunny	IS(Mf)6	14:14:04	1.0	Surface	1	1	17.56	8.01	28.17	99.7	8.04	2.6	3.3
HKLR	HY/2011/03	2016-03-18	Mid-Flood	Sunny	IS(Mf)6	14:13:54	1.0	Surface	1	2	17.54	8.02	28.22	99.1	7.99	2.6	3.1
HKLR	HY/2011/03	2016-03-18	Mid-Flood	Sunny	IS(Mf)6	14:13:59	2.2	Bottom	3	1	17.55	8.01	28.22	99.3	8.01	2.5	2.5
HKLR	HY/2011/03	2016-03-18	Mid-Flood	Sunny	IS(Mf)6	14:13:48	2.2	Bottom	3	2	17.55	8.02	28.25	98.8	7.97	2.6	3.5
HKLR	HY/2011/03	2016-03-18	Mid-Flood	Sunny	IS7	14:22:38	1.0	Surface	1	1	18.01	8	27.75	102.5	8.21	2.5	3.6
HKLR	HY/2011/03	2016-03-18	Mid-Flood	Sunny	IS7	14:22:03	1.0	Surface	1	2	17.82	8.01	27.89	101.7	8.18	2.5	4.4
HKLR	HY/2011/03	2016-03-18	Mid-Flood	Sunny	IS7	14:21:56	2.3	Bottom	3	1	17.76	8.01	27.98	101.2	8.14	2.5	3.2
HKLR	HY/2011/03	2016-03-18	Mid-Flood	Sunny	IS7	14:22:22	2.3	Bottom	3	2	17.6	8	28.11	101.5	8.19	2.6	4.7
HKLR	HY/2011/03	2016-03-18	Mid-Flood	Sunny	IS8	14:46:01	1.0	Surface	1	1	17.46	8	27.94	99.5	8.05	13.1	3.4
HKLR	HY/2011/03	2016-03-18	Mid-Flood	Sunny	IS8	14:46:17	1.0	Surface	1	2	17.43	8	27.95	99.3	8.04	13.4	2.9
HKLR	HY/2011/03	2016-03-18	Mid-Flood	Sunny	IS8	14:46:10	3.1	Bottom	3	1	17.44	8	27.93	99.3	8.04	13.2	3.7
HKLR	HY/2011/03	2016-03-18	Mid-Flood	Sunny	IS8	14:45:55	3.1	Bottom	3	2	17.47	8	27.92	99.3	8.04	13.1	3.7
HKLR	HY/2011/03	2016-03-18	Mid-Flood	Sunny	IS(Mf)9	14:30:00	1.0	Surface	1	1	17.34	8	28	99.7	8.08	2.7	4.7
HKLR	HY/2011/03	2016-03-18	Mid-Flood	Sunny	IS(Mf)9	14:29:47	1.0	Surface	1	2	17.34	8	28.01	99.3	8.05	2.6	4.4
HKLR	HY/2011/03	2016-03-18	Mid-Flood	Sunny	IS(Mf)9	14:29:55	2.9	Bottom	3	1	17.35	8	27.99	99.4	8.06	2.6	4.8
HKLR	HY/2011/03	2016-03-18	Mid-Flood	Sunny	IS(Mf)9	14:29:42	2.9	Bottom	3	2	17.35	8.01	28	99.1	8.03	2.6	3.3
HKLR	HY/2011/03	2016-03-18	Mid-Flood	Sunny	IS10	15:03:57	1.0	Surface	1	1	17.57	8.01	18.82	100	8.53	1.7	1.5
HKLR	HY/2011/03	2016-03-18	Mid-Flood	Sunny	IS10	15:04:37	1.0	Surface	1	2	17.45	8.02	18.62	99.2	8.49	1.9	1.3
HKLR	HY/2011/03	2016-03-18	Mid-Flood	Sunny	IS10	15:04:26	5.3	Middle	2	1	17.13	8	21.41	98.2	8.32	1.8	1.2
HKLR	HY/2011/03	2016-03-18	Mid-Flood	Sunny	IS10	15:03:42	5.3	Middle	2	2	17.13	7.99	21.79	98.9	8.36	1.9	1.4
HKLR	HY/2011/03	2016-03-18	Mid-Flood	Sunny	IS10	15:04:17	9.6	Bottom	3	1	17.1	7.99	21.66	98.3	8.32	2	1.2
HKLR	HY/2011/03	2016-03-18	Mid-Flood	Sunny	IS10	15:03:33	9.6	Bottom	3	2	17.13	7.97	22.09	99.4	8.39	2.1	1.4
HKLR	HY/2011/03	2016-03-18	Mid-Flood	Sunny	SR3	13:56:10	0.6	Middle	2	1	17.6	8.05	28.17	98.6	7.95	3.3	4.5
HKLR	HY/2011/03	2016-03-18	Mid-Flood	Sunny	SR3	13:56:04	0.6	Middle	2	2	17.58	8.06	28.19	97.7	7.88	3.2	5.4
HKLR	HY/2011/03	2016-03-18	Mid-Flood	Sunny	SR4	14:40:49	1.0	Surface	1	1	17.53	8	27.92	99.1	8.01	13.4	3
HKLR	HY/2011/03	2016-03-18	Mid-Flood	Sunny	SR4	14:41:04	1.0	Surface	1	2	17.51	8	27.92	99.3	8.03	13.6	3.2
HKLR	HY/2011/03	2016-03-18	Mid-Flood	Sunny	SR4	14:40:57	2.8	Bottom	3	1	17.49	8	27.93	99.1	8.01	13.5	2.6
HKLR	HY/2011/03	2016-03-18	Mid-Flood	Sunny	SR4	14:40:36	2.8	Bottom	3	2	17.51	8	27.93	98.6	7.97	13.6	3.5
HKLR	HY/2011/03	2016-03-18	Mid-Flood	Sunny	SR5	14:57:08	1.0	Surface	1	1	17.53	8	19.81	100.5	8.53	1.8	1.4
HKLR	HY/2011/03	2016-03-18	Mid-Flood	Sunny	SR5	14:56:43	1.0	Surface	1	2	17.5	8	20.72	100.1	8.45	1.6	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	2016-03-18	Mid-Flood	Sunny	SR5	14:56:32	4.0	Bottom	3	1	17.24	7.98	23.67	99.2	8.28	1.6	2.2
HKLR	HY/2011/03	2016-03-18	Mid-Flood	Sunny	SR5	14:56:57	4.0	Bottom	3	2	17.26	7.99	22.39	99.6	8.36	1.6	2.6
HKLR	HY/2011/03	2016-03-18	Mid-Flood	Sunny	SR10A	16:07:10	1.0	Surface	1	1	17.41	8.03	27.41	102.9	8.36	1	1.5
HKLR	HY/2011/03	2016-03-18	Mid-Flood	Sunny	SR10A	16:07:59	1.0	Surface	1	2	17.49	8.03	27.26	103.1	8.37	1	1.3
HKLR	HY/2011/03	2016-03-18	Mid-Flood	Sunny	SR10A	16:07:03	3.3	Middle	2	1	17.27	8.03	27.81	102.4	8.32	1.1	1.6
HKLR	HY/2011/03	2016-03-18	Mid-Flood	Sunny	SR10A	16:07:50	3.3	Middle	2	2	17.29	8.03	27.72	102.3	8.31	1	1.4
HKLR	HY/2011/03	2016-03-18	Mid-Flood	Sunny	SR10A	16:07:35	5.5	Bottom	3	1	17.12	8.02	28.39	101.8	8.27	1.1	1.9
HKLR	HY/2011/03	2016-03-18	Mid-Flood	Sunny	SR10A	16:06:57	5.5	Bottom	3	2	17.4	8.03	27.68	102.4	8.31	1.1	1.8
HKLR	HY/2011/03	2016-03-18	Mid-Flood	Sunny	SR10B	16:16:00	1.0	Surface	1	1	17.36	8.03	27.49	103.4	8.41	1.5	1
HKLR	HY/2011/03	2016-03-18	Mid-Flood	Sunny	SR10B	16:16:16	1.0	Surface	1	2	17.48	8.03	27.25	103.6	8.41	1.4	1.1
HKLR	HY/2011/03	2016-03-18	Mid-Flood	Sunny	SR10B	16:16:07	4.2	Bottom	3	1	17.39	8.03	27.56	103.2	8.38	1.4	2.4
HKLR	HY/2011/03	2016-03-18	Mid-Flood	Sunny	SR10B	16:15:54	4.2	Bottom	3	2	17.36	8.03	27.69	103.1	8.37	1.4	2.1
HKLR	HY/2011/03	2016-03-18	Mid-Flood	Sunny	CS2	13:43:34	1.0	Surface	1	1	17.25	7.99	29.22	97.4	7.9	3	4.3
HKLR	HY/2011/03	2016-03-18	Mid-Flood	Sunny	CS2	13:42:28	1.0	Surface	1	2	17.28	7.99	27.93	97.1	7.89	2.9	3.6
HKLR	HY/2011/03	2016-03-18	Mid-Flood	Sunny	CS2	13:42:17	3.7	Middle	2	1	16.99	7.96	29.04	95.2	7.73	2.5	2.8
HKLR	HY/2011/03	2016-03-18	Mid-Flood	Sunny	CS2	13:43:11	3.7	Middle	2	2	17	7.97	27.94	95.8	7.75	2.3	3
HKLR	HY/2011/03	2016-03-18	Mid-Flood	Sunny	CS2	13:42:41	6.4	Bottom	3	1	17.03	7.97	29.2	98.2	7.96	3.1	5.2
HKLR	HY/2011/03	2016-03-18	Mid-Flood	Sunny	CS2	13:42:06	6.4	Bottom	3	2	17.04	7.95	29.58	94.7	7.65	3	4.3
HKLR	HY/2011/03	2016-03-18	Mid-Flood	Sunny	CS(Mf)5	15:28:37	1.0	Surface	1	1	17.4	8.03	27.44	101	8.2	1.1	4.3
HKLR	HY/2011/03	2016-03-18	Mid-Flood	Sunny	CS(Mf)5	15:27:55	1.0	Surface	1	2	17.26	8.03	27.74	99.7	8.11	1.2	2.4
HKLR	HY/2011/03	2016-03-18	Mid-Flood	Sunny	CS(Mf)5	15:28:21	6.3	Middle	2	1	17.08	8.02	28.56	99.6	8.07	1.2	2.2
HKLR	HY/2011/03	2016-03-18	Mid-Flood	Sunny	CS(Mf)5	15:27:47	6.3	Middle	2	2	17.09	8.02	28.49	99	8.03	1.2	2.7
HKLR	HY/2011/03	2016-03-18	Mid-Flood	Sunny	CS(Mf)5	15:28:10	11.6	Bottom	3	1	17.09	8.01	28.81	99	8.04	1.1	2.5
HKLR	HY/2011/03	2016-03-18	Mid-Flood	Sunny	CS(Mf)5	15:27:35	11.6	Bottom	3	2	17.06	8.01	28.92	98.7	8.02	1.1	3
HKLR	HY/2011/03	2016-03-21	Mid-Ebb	Rainy	IS5	13:13:54	1.0	Surface	1	1	18.27	7.99	26.56	97.4	7.82	5.7	7.1
HKLR	HY/2011/03	2016-03-21	Mid-Ebb	Rainy	IS5	13:14:23	1.0	Surface	1	2	18.27	7.99	26.59	97.3	7.82	5.4	6.1
HKLR	HY/2011/03	2016-03-21	Mid-Ebb	Rainy	IS5	13:13:45	4.1	Middle	2	1	18.2	7.99	26.75	97.1	7.8	5.6	6
HKLR	HY/2011/03	2016-03-21	Mid-Ebb	Rainy	IS5	13:14:14	4.1	Middle	2	2	18.16	7.99	26.84	96.9	7.79	5.6	5.5
HKLR	HY/2011/03	2016-03-21	Mid-Ebb	Rainy	IS5	13:13:32	7.1	Bottom	3	1	18.15	7.98	26.95	97	7.79	5.6	5.6
HKLR	HY/2011/03	2016-03-21	Mid-Ebb	Rainy	IS5	13:14:06	7.1	Bottom	3	2	18.16	7.99	26.91	97	7.79	5.8	5.1
HKLR	HY/2011/03	2016-03-21	Mid-Ebb	Rainy	IS(Mf)6	13:01:19	1.0	Surface	1	1	18.2	7.98	26.43	97.8	7.87	5	7.3
HKLR	HY/2011/03	2016-03-21	Mid-Ebb	Rainy	IS(Mf)6	13:01:06	1.0	Surface	1	2	18.2	7.98	26.44	97.8	7.87	4.9	7.7
HKLR	HY/2011/03	2016-03-21	Mid-Ebb	Rainy	IS(Mf)6	13:01:12	2.2	Bottom	3	1	18.2	7.98	26.44	97.8	7.87	4.9	7.6
HKLR	HY/2011/03	2016-03-21	Mid-Ebb	Rainy	IS(Mf)6	13:00:55	2.2	Bottom	3	2	18.2	7.98	26.45	97.7	7.87	4.8	7.9
HKLR	HY/2011/03	2016-03-21	Mid-Ebb	Rainy	IS7	12:54:56	1.0	Surface	1	1	18.2	7.98	26.44	97.8	7.87	4.9	6.8
HKLR	HY/2011/03	2016-03-21	Mid-Ebb	Rainy	IS7	12:54:46	1.0	Surface	1	2	18.19	7.98	26.44	97.8	7.87	5.1	8.2
HKLR	HY/2011/03	2016-03-21	Mid-Ebb	Rainy	IS7	12:54:35	2.2	Bottom	3	1	18.17	7.98	26.47	97.7	7.86	5.2	8.4
HKLR	HY/2011/03	2016-03-21	Mid-Ebb	Rainy	IS7	12:54:50	2.2	Bottom	3	2	18.19	7.98	26.44	97.7	7.87	5.1	8.3
HKLR	HY/2011/03	2016-03-21	Mid-Ebb	Rainy	IS8	12:29:15	1.0	Surface	1	1	17.85	7.97	27.01	96.8	7.82	6.6	10.5
HKLR	HY/2011/03	2016-03-21	Mid-Ebb	Rainy	IS8	12:29:03	1.0	Surface	1	2	17.85	7.97	26.99	97.1	7.84	6.5	9.1
HKLR	HY/2011/03	2016-03-21	Mid-Ebb	Rainy	IS8	12:28:57	3.3	Bottom	3	1	17.85	7.97	27	97.2	7.85	6.7	8.8
HKLR	HY/2011/03	2016-03-21	Mid-Ebb	Rainy	IS8	12:29:09	3.3	Bottom	3	2	17.85	7.97	27.01	96.9	7.83	6.5	7.7
HKLR	HY/2011/03	2016-03-21	Mid-Ebb	Rainy	IS(Mf)9	12:48:28	1.0	Surface	1	1	18.17	7.98	26.45	98	7.89	5.8	6.9
HKLR	HY/2011/03	2016-03-21	Mid-Ebb	Rainy	IS(Mf)9	12:48:07	1.0	Surface	1	2	18.16	7.98	26.45	98	7.9	5.7	6.8
HKLR	HY/2011/03	2016-03-21	Mid-Ebb	Rainy	IS(Mf)9	12:48:00	2.7	Bottom	3	1	18.17	7.98	26.45	98.1	7.9	5.8	8.5
HKLR	HY/2011/03	2016-03-21	Mid-Ebb	Rainy	IS(Mf)9	12:48:14	2.7	Bottom	3	2	18.17	7.98	26.45	97.9	7.89	5.8	7.2
HKLR	HY/2011/03	2016-03-21	Mid-Ebb	Rainy	IS10	12:05:49	1.0	Surface	1	1	17.76	7.95	19.31	93	7.87	3.2	4.6
HKLR	HY/2011/03	2016-03-21	Mid-Ebb	Rainy	IS10	12:06:24	1.0	Surface	1	2	17.76	7.95	19.23	94.1	7.97	3.1	6.5
HKLR	HY/2011/03	2016-03-21	Mid-Ebb	Rainy	IS10	12:06:10	5.5	Middle	2	1	17.6	7.95	19.9	92.5	7.84	3.1	5.3
HKLR	HY/2011/03	2016-03-21	Mid-Ebb	Rainy	IS10	12:05:33	5.5	Middle	2	2	17.61	7.95	19.99	92.8	7.85	3.2	4.4
HKLR	HY/2011/03	2016-03-21	Mid-Ebb	Rainy	IS10	12:06:03	10.0	Bottom	3	1	17.61	7.95	19.92	92.1	7.8	3.2	6.7
HKLR	HY/2011/03	2016-03-21	Mid-Ebb	Rainy	IS10	12:05:28	10.0	Bottom	3	2	17.65	7.95	19.91	92.2	7.81	3.2	6.8

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	2016-03-21	Mid-Ebb	Rainy	SR3	13:21:44	0.6	Middle	2	1	18.34	7.99	26.51	98.2	7.88	4.3	7
HKLR	HY/2011/03	2016-03-21	Mid-Ebb	Rainy	SR3	13:21:30	0.6	Middle	2	2	18.35	7.99	26.5	98.1	7.87	4.4	6.3
HKLR	HY/2011/03	2016-03-21	Mid-Ebb	Rainy	SR4	12:36:40	1.0	Surface	1	1	17.86	7.97	26.98	96.6	7.8	5.2	9
HKLR	HY/2011/03	2016-03-21	Mid-Ebb	Rainy	SR4	12:36:26	1.0	Surface	1	2	17.86	7.97	26.98	96.6	7.8	5.4	7.2
HKLR	HY/2011/03	2016-03-21	Mid-Ebb	Rainy	SR4	12:36:32	2.8	Bottom	3	1	17.86	7.97	26.98	96.6	7.8	5.3	10.9
HKLR	HY/2011/03	2016-03-21	Mid-Ebb	Rainy	SR4	12:36:14	2.8	Bottom	3	2	17.87	7.97	26.98	96.6	7.8	5.2	9.5
HKLR	HY/2011/03	2016-03-21	Mid-Ebb	Rainy	SR5	12:13:55	1.0	Surface	1	1	17.72	7.95	19.24	92.4	7.84	3.1	7.7
HKLR	HY/2011/03	2016-03-21	Mid-Ebb	Rainy	SR5	12:14:20	1.0	Surface	1	2	17.72	7.95	19.24	92.1	7.81	3.1	6.3
HKLR	HY/2011/03	2016-03-21	Mid-Ebb	Rainy	SR5	12:14:09	3.5	Bottom	3	1	17.62	7.95	19.67	91.9	7.79	3.3	7.1
HKLR	HY/2011/03	2016-03-21	Mid-Ebb	Rainy	SR5	12:13:44	3.5	Bottom	3	2	17.67	7.91	20.02	92.1	7.79	3.2	8.7
HKLR	HY/2011/03	2016-03-21	Mid-Ebb	Rainy	SR10A	11:13:35	1.0	Surface	1	1	17.39	7.95	28.19	95.2	7.7	2.2	3.6
HKLR	HY/2011/03	2016-03-21	Mid-Ebb	Rainy	SR10A	11:12:54	1.0	Surface	1	2	17.39	7.95	28.17	95.2	7.7	2.1	3.8
HKLR	HY/2011/03	2016-03-21	Mid-Ebb	Rainy	SR10A	11:13:25	3.2	Middle	2	1	17.39	7.95	28.2	95	7.69	2.2	2.2
HKLR	HY/2011/03	2016-03-21	Mid-Ebb	Rainy	SR10A	11:12:34	3.2	Middle	2	2	17.39	7.94	28.18	95	7.69	2	2.9
HKLR	HY/2011/03	2016-03-21	Mid-Ebb	Rainy	SR10A	11:13:16	5.4	Bottom	3	1	17.39	7.95	28.2	95	7.69	2.2	8.6
HKLR	HY/2011/03	2016-03-21	Mid-Ebb	Rainy	SR10A	11:12:16	5.4	Bottom	3	2	17.39	7.94	28.18	95	7.68	2.2	8.3
HKLR	HY/2011/03	2016-03-21	Mid-Ebb	Rainy	SR10B	11:03:16	1.0	Surface	1	1	17.39	7.91	28.13	95.1	7.7	2.3	8
HKLR	HY/2011/03	2016-03-21	Mid-Ebb	Rainy	SR10B	11:02:34	1.0	Surface	1	2	17.39	7.9	28.12	95.1	7.7	2.2	7.6
HKLR	HY/2011/03	2016-03-21	Mid-Ebb	Rainy	SR10B	11:02:55	4.1	Bottom	3	1	17.39	7.91	28.15	95	7.69	2.2	5.6
HKLR	HY/2011/03	2016-03-21	Mid-Ebb	Rainy	SR10B	11:02:25	4.1	Bottom	3	2	17.39	7.9	28.12	95.1	7.7	2.1	4.5
HKLR	HY/2011/03	2016-03-21	Mid-Ebb	Rainy	CS2	13:42:16	1.0	Surface	1	1	17.81	7.96	18.22	94	8.01	3	5.2
HKLR	HY/2011/03	2016-03-21	Mid-Ebb	Rainy	CS2	13:41:39	1.0	Surface	1	2	17.81	7.96	18.19	94.7	8.07	3	6.6
HKLR	HY/2011/03	2016-03-21	Mid-Ebb	Rainy	CS2	13:41:24	4.0	Middle	2	1	17.77	7.95	18.28	94.6	8.07	3	5.9
HKLR	HY/2011/03	2016-03-21	Mid-Ebb	Rainy	CS2	13:41:56	4.0	Middle	2	2	17.79	7.96	18.29	93.7	7.98	3.1	5.7
HKLR	HY/2011/03	2016-03-21	Mid-Ebb	Rainy	CS2	13:41:49	7.0	Bottom	3	1	17.79	7.95	18.33	93.7	7.98	3.1	6.1
HKLR	HY/2011/03	2016-03-21	Mid-Ebb	Rainy	CS2	13:41:18	7.0	Bottom	3	2	17.79	7.94	18.25	94.1	8.02	3	4.6
HKLR	HY/2011/03	2016-03-21	Mid-Ebb	Rainy	CS(Mf)5	11:53:20	1.0	Surface	1	1	17.4	7.96	28.25	94.9	7.68	2.2	4.1
HKLR	HY/2011/03	2016-03-21	Mid-Ebb	Rainy	CS(Mf)5	11:53:59	1.0	Surface	1	2	17.4	7.96	28.26	94.8	7.66	2.2	5.4
HKLR	HY/2011/03	2016-03-21	Mid-Ebb	Rainy	CS(Mf)5	11:53:04	6.2	Middle	2	1	17.39	7.96	28.3	94.6	7.65	2.3	4.5
HKLR	HY/2011/03	2016-03-21	Mid-Ebb	Rainy	CS(Mf)5	11:53:45	6.2	Middle	2	2	17.39	7.96	28.32	94.4	7.63	2.2	4.6
HKLR	HY/2011/03	2016-03-21	Mid-Ebb	Rainy	CS(Mf)5	11:53:34	11.3	Bottom	3	1	17.39	7.96	28.46	94.4	7.63	2.2	6.4
HKLR	HY/2011/03	2016-03-21	Mid-Ebb	Rainy	CS(Mf)5	11:52:53	11.3	Bottom	3	2	17.39	7.96	28.37	94.6	7.64	2.2	5.2
HKLR	HY/2011/03	2016-03-21	Mid-Flood	Rainy	IS5	16:48:49	1.0	Surface	1	1	18.38	8.03	27.32	99.8	7.96	11.4	15.2
HKLR	HY/2011/03	2016-03-21	Mid-Flood	Rainy	IS5	16:49:14	1.0	Surface	1	2	18.38	8.03	27.3	99.8	7.96	11.8	16.4
HKLR	HY/2011/03	2016-03-21	Mid-Flood	Rainy	IS5	16:49:07	4.3	Middle	2	1	18.37	8.03	27.35	99.5	7.94	12.3	13.3
HKLR	HY/2011/03	2016-03-21	Mid-Flood	Rainy	IS5	16:48:40	4.3	Middle	2	2	18.38	8.03	27.35	99.6	7.95	12.2	15.1
HKLR	HY/2011/03	2016-03-21	Mid-Flood	Rainy	IS5	16:48:59	7.6	Bottom	3	1	18.38	8.03	27.34	99.5	7.94	12.1	17.3
HKLR	HY/2011/03	2016-03-21	Mid-Flood	Rainy	IS5	16:48:32	7.6	Bottom	3	2	18.38	8.04	27.34	99.6	7.94	12	16
HKLR	HY/2011/03	2016-03-21	Mid-Flood	Rainy	IS(Mf)6	16:56:40	1.0	Surface	1	1	18.17	7.99	27.29	98.6	7.9	7.7	10.3
HKLR	HY/2011/03	2016-03-21	Mid-Flood	Rainy	IS(Mf)6	16:56:19	1.0	Surface	1	2	18.17	7.98	27.32	98.6	7.9	7.6	10.4
HKLR	HY/2011/03	2016-03-21	Mid-Flood	Rainy	IS(Mf)6	16:56:30	2.2	Bottom	3	1	18.15	7.99	27.42	98.5	7.89	7.7	11.8
HKLR	HY/2011/03	2016-03-21	Mid-Flood	Rainy	IS(Mf)6	16:56:09	2.2	Bottom	3	2	18.17	7.99	27.36	98.6	7.9	7.8	10.7
HKLR	HY/2011/03	2016-03-21	Mid-Flood	Rainy	IS7	17:04:11	1.0	Surface	1	1	18.17	7.91	27.22	98.5	7.9	6.6	12.7
HKLR	HY/2011/03	2016-03-21	Mid-Flood	Rainy	IS7	17:03:56	1.0	Surface	1	2	18.16	7.9	27.28	98.5	7.89	6.6	11.2
HKLR	HY/2011/03	2016-03-21	Mid-Flood	Rainy	IS7	17:04:03	2.5	Bottom	3	1	18.16	7.9	27.31	98.5	7.89	6.6	15
HKLR	HY/2011/03	2016-03-21	Mid-Flood	Rainy	IS7	17:03:48	2.5	Bottom	3	2	18.16	7.89	27.34	98.5	7.89	6.7	13.8
HKLR	HY/2011/03	2016-03-21	Mid-Flood	Rainy	IS8	17:28:59	1.0	Surface	1	1	18.18	7.97	27.22	98.8	7.92	5.7	14.1
HKLR	HY/2011/03	2016-03-21	Mid-Flood	Rainy	IS8	17:29:18	1.0	Surface	1	2	18.17	7.97	27.25	98.9	7.93	5.8	12.9
HKLR	HY/2011/03	2016-03-21	Mid-Flood	Rainy	IS8	17:28:50	3.3	Bottom	3	1	18.18	7.96	27.26	98.7	7.91	5.8	9.2
HKLR	HY/2011/03	2016-03-21	Mid-Flood	Rainy	IS8	17:29:10	3.3	Bottom	3	2	18.15	7.97	27.36	98.7	7.91	5.7	9.9
HKLR	HY/2011/03	2016-03-21	Mid-Flood	Rainy	IS(Mf)9	17:11:42	1.0	Surface	1	1	18.16	7.94	27.26	98.6	7.91	6.1	13.3
HKLR	HY/2011/03	2016-03-21	Mid-Flood	Rainy	IS(Mf)9	17:11:25	1.0	Surface	1	2	18.16	7.94	27.25	98.6	7.9	6.1	14.3

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	2016-03-21	Mid-Flood	Rainy	IS(Mf)9	17:11:33	2.7	Bottom	3	1	18.17	7.94	27.3	98.6	7.9	6.1	6.7
HKLR	HY/2011/03	2016-03-21	Mid-Flood	Rainy	IS(Mf)9	17:11:17	2.7	Bottom	3	2	18.16	7.94	27.31	98.4	7.89	6.2	6.5
HKLR	HY/2011/03	2016-03-21	Mid-Flood	Rainy	IS10	17:34:52	1.0	Surface	1	1	17.84	8.02	19.26	98.2	8.3	1.8	5
HKLR	HY/2011/03	2016-03-21	Mid-Flood	Rainy	IS10	17:34:27	1.0	Surface	1	2	17.84	8.02	19.3	99.4	8.36	2	3.2
HKLR	HY/2011/03	2016-03-21	Mid-Flood	Rainy	IS10	17:34:41	5.6	Middle	2	1	17.84	8.02	19.63	97.8	8.26	2	2.1
HKLR	HY/2011/03	2016-03-21	Mid-Flood	Rainy	IS10	17:34:20	5.6	Middle	2	2	17.84	8.01	19.69	97.2	8.21	2	3.1
HKLR	HY/2011/03	2016-03-21	Mid-Flood	Rainy	IS10	17:34:11	10.1	Bottom	3	1	17.83	8	20.19	96.5	8.16	2	5.2
HKLR	HY/2011/03	2016-03-21	Mid-Flood	Rainy	IS10	17:34:35	10.1	Bottom	3	2	17.84	8.02	19.54	97	8.21	2	5.4
HKLR	HY/2011/03	2016-03-21	Mid-Flood	Rainy	SR3	16:36:34	0.6	Middle	2	1	18.37	8.1	27.01	99.9	7.99	12.2	16.5
HKLR	HY/2011/03	2016-03-21	Mid-Flood	Rainy	SR3	16:36:29	0.6	Middle	2	2	18.37	8.1	27.01	99.8	7.98	12	17.4
HKLR	HY/2011/03	2016-03-21	Mid-Flood	Rainy	SR4	17:20:57	1.0	Surface	1	1	18.18	7.96	27.22	98.8	7.92	5.8	11.2
HKLR	HY/2011/03	2016-03-21	Mid-Flood	Rainy	SR4	17:20:41	1.0	Surface	1	2	18.18	7.96	27.24	98.7	7.91	5.7	11.9
HKLR	HY/2011/03	2016-03-21	Mid-Flood	Rainy	SR4	17:20:47	2.7	Bottom	3	1	18.18	7.96	27.26	98.7	7.91	6	16
HKLR	HY/2011/03	2016-03-21	Mid-Flood	Rainy	SR4	17:20:34	2.7	Bottom	3	2	18.18	7.95	27.28	98.7	7.91	5.8	15.1
HKLR	HY/2011/03	2016-03-21	Mid-Flood	Rainy	SR5	17:27:24	1.0	Surface	1	1	17.83	8.02	20.63	99.1	8.29	1.9	3.5
HKLR	HY/2011/03	2016-03-21	Mid-Flood	Rainy	SR5	17:27:05	1.0	Surface	1	2	17.83	8.02	21.26	99.5	8.31	2	2.3
HKLR	HY/2011/03	2016-03-21	Mid-Flood	Rainy	SR5	17:27:15	4.2	Bottom	3	1	17.84	8.01	21.17	97.1	8.15	2	3.2
HKLR	HY/2011/03	2016-03-21	Mid-Flood	Rainy	SR5	17:27:00	4.2	Bottom	3	2	17.84	8.02	21.49	99.3	8.31	2	4.9
HKLR	HY/2011/03	2016-03-21	Mid-Flood	Rainy	SR10A	18:42:04	1.0	Surface	1	1	17.54	7.97	28.15	97.4	7.86	1.4	3.6
HKLR	HY/2011/03	2016-03-21	Mid-Flood	Rainy	SR10A	18:42:29	1.0	Surface	1	2	17.54	7.97	28.18	97.5	7.87	1.5	4.9
HKLR	HY/2011/03	2016-03-21	Mid-Flood	Rainy	SR10A	18:42:21	3.3	Middle	2	1	17.52	7.97	28.52	97.4	7.84	1.5	2.1
HKLR	HY/2011/03	2016-03-21	Mid-Flood	Rainy	SR10A	18:41:56	3.3	Middle	2	2	17.52	7.97	28.5	97.3	7.83	1.5	2.1
HKLR	HY/2011/03	2016-03-21	Mid-Flood	Rainy	SR10A	18:42:12	5.6	Bottom	3	1	17.52	7.97	28.57	97.3	7.84	1.5	7.5
HKLR	HY/2011/03	2016-03-21	Mid-Flood	Rainy	SR10A	18:41:45	5.6	Bottom	3	2	17.48	7.96	28.72	97.2	7.83	1.4	7.7
HKLR	HY/2011/03	2016-03-21	Mid-Flood	Rainy	SR10B	18:51:59	1.0	Surface	1	1	17.55	7.98	28.14	98	7.91	1.5	4.1
HKLR	HY/2011/03	2016-03-21	Mid-Flood	Rainy	SR10B	18:51:43	1.0	Surface	1	2	17.55	7.98	28.22	97.9	7.9	1.5	3.7
HKLR	HY/2011/03	2016-03-21	Mid-Flood	Rainy	SR10B	18:51:36	4.3	Bottom	3	1	17.54	7.98	28.48	97.7	7.87	1.4	6.3
HKLR	HY/2011/03	2016-03-21	Mid-Flood	Rainy	SR10B	18:51:50	4.3	Bottom	3	2	17.54	7.98	28.39	97.9	7.88	1.5	5.8
HKLR	HY/2011/03	2016-03-21	Mid-Flood	Rainy	CS2	16:15:08	1.0	Surface	1	1	17.82	8.01	28.77	95.5	7.6	2	4.6
HKLR	HY/2011/03	2016-03-21	Mid-Flood	Rainy	CS2	16:14:41	1.0	Surface	1	2	17.8	8	29	95.8	7.62	2.1	3.2
HKLR	HY/2011/03	2016-03-21	Mid-Flood	Rainy	CS2	16:14:34	4.2	Middle	2	1	17.7	7.99	29.77	94	7.49	2.2	6.1
HKLR	HY/2011/03	2016-03-21	Mid-Flood	Rainy	CS2	16:14:55	4.2	Middle	2	2	17.71	7.99	29.81	94.8	7.58	2.1	4.9
HKLR	HY/2011/03	2016-03-21	Mid-Flood	Rainy	CS2	16:14:17	7.3	Bottom	3	1	17.64	7.98	30.14	93.4	7.46	2.2	6.6
HKLR	HY/2011/03	2016-03-21	Mid-Flood	Rainy	CS2	16:14:48	7.3	Bottom	3	2	17.77	8	29.99	94.7	7.52	2.1	5.9
HKLR	HY/2011/03	2016-03-21	Mid-Flood	Rainy	CS(Mf)5	18:04:30	1.0	Surface	1	1	17.55	7.96	28	96.2	7.77	2.3	5.3
HKLR	HY/2011/03	2016-03-21	Mid-Flood	Rainy	CS(Mf)5	18:03:52	1.0	Surface	1	2	17.51	7.94	28.35	95.6	7.71	2.1	4.7
HKLR	HY/2011/03	2016-03-21	Mid-Flood	Rainy	CS(Mf)5	18:04:16	6.3	Middle	2	1	17.43	7.94	28.95	95.6	7.69	3.2	3
HKLR	HY/2011/03	2016-03-21	Mid-Flood	Rainy	CS(Mf)5	18:03:44	6.3	Middle	2	2	17.43	7.93	28.94	95.5	7.68	3.2	4.1
HKLR	HY/2011/03	2016-03-21	Mid-Flood	Rainy	CS(Mf)5	18:04:06	11.5	Bottom	3	1	17.45	7.94	28.98	95.2	7.66	3.1	6.3
HKLR	HY/2011/03	2016-03-21	Mid-Flood	Rainy	CS(Mf)5	18:03:35	11.5	Bottom	3	2	17.44	7.93	29	95.1	7.66	3.1	5.5
HKLR	HY/2011/03	2016-03-23	Mid-Ebb	Rainy	IS5	11:59:22	1.0	Surface	1	1	18.03	7.92	24.52	96.9	7.88	6.1	5.4
HKLR	HY/2011/03	2016-03-23	Mid-Ebb	Rainy	IS5	11:57:36	1.0	Surface	1	2	18.03	7.93	24.7	93.2	7.61	6.1	6.2
HKLR	HY/2011/03	2016-03-23	Mid-Ebb	Rainy	IS5	11:59:12	4.1	Middle	2	1	18.03	7.91	24.76	95.8	7.82	6.1	7.1
HKLR	HY/2011/03	2016-03-23	Mid-Ebb	Rainy	IS5	11:57:27	4.1	Middle	2	2	18.03	7.93	24.84	93.1	7.59	5.8	6.3
HKLR	HY/2011/03	2016-03-23	Mid-Ebb	Rainy	IS5	11:59:03	7.2	Bottom	3	1	18.07	7.9	25.07	95.1	7.77	6.2	7
HKLR	HY/2011/03	2016-03-23	Mid-Ebb	Rainy	IS5	11:57:20	7.2	Bottom	3	2	18.03	7.92	24.85	93	7.58	6.1	6.5
HKLR	HY/2011/03	2016-03-23	Mid-Ebb	Rainy	IS(Mf)6	12:04:24	1.0	Surface	1	1	18.07	7.91	25.44	94.5	7.67	5.8	6.9
HKLR	HY/2011/03	2016-03-23	Mid-Ebb	Rainy	IS(Mf)6	12:04:39	1.0	Surface	1	2	18.07	7.91	25.47	94.2	7.65	5.8	7.2
HKLR	HY/2011/03	2016-03-23	Mid-Ebb	Rainy	IS(Mf)6	12:04:30	2.2	Bottom	3	1	18.07	7.91	25.49	94.3	7.65	5.7	7.3
HKLR	HY/2011/03	2016-03-23	Mid-Ebb	Rainy	IS(Mf)6	12:04:16	2.2	Bottom	3	2	18.07	7.91	25.49	94.7	7.69	5.8	7.2
HKLR	HY/2011/03	2016-03-23	Mid-Ebb	Rainy	IS7	12:12:39	1.0	Surface	1	1	18.07	7.91	25.51	93.7	7.6	6.2	7.6
HKLR	HY/2011/03	2016-03-23	Mid-Ebb	Rainy	IS7	12:12:50	1.0	Surface	1	2	18.07	7.91	25.51	93.6	7.59	6	7.7

Water Quality 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	2016-03-23	Mid-Ebb	Rainy	IS7	12:12:45	2.4	Bottom	3	1	18.07	7.91	25.51	93.6	7.59	6.2	7.1
HKLR	HY/2011/03	2016-03-23	Mid-Ebb	Rainy	IS7	12:12:32	2.4	Bottom	3	2	18.07	7.91	25.5	93.6	7.6	6.1	7.5
HKLR	HY/2011/03	2016-03-23	Mid-Ebb	Rainy	IS8	12:38:47	1.0	Surface	1	1	18	7.91	24.37	93.8	7.67	9	5.1
HKLR	HY/2011/03	2016-03-23	Mid-Ebb	Rainy	IS8	12:39:08	1.0	Surface	1	2	17.99	7.91	24.36	93.9	7.69	8.7	6.1
HKLR	HY/2011/03	2016-03-23	Mid-Ebb	Rainy	IS8	12:38:42	2.8	Bottom	3	1	18	7.9	25.7	93.9	7.62	8.8	4.7
HKLR	HY/2011/03	2016-03-23	Mid-Ebb	Rainy	IS8	12:38:54	2.8	Bottom	3	2	17.99	7.9	25.68	93.8	7.62	9	5.7
HKLR	HY/2011/03	2016-03-23	Mid-Ebb	Rainy	IS(Mf)9	12:21:38	1.0	Surface	1	1	17.97	7.92	24.47	95.3	7.8	3.7	4.2
HKLR	HY/2011/03	2016-03-23	Mid-Ebb	Rainy	IS(Mf)9	12:22:00	1.0	Surface	1	2	17.97	7.92	24.46	94.9	7.76	3.7	4
HKLR	HY/2011/03	2016-03-23	Mid-Ebb	Rainy	IS(Mf)9	12:21:29	2.6	Bottom	3	1	17.96	7.91	24.7	95.4	7.8	3.6	3.9
HKLR	HY/2011/03	2016-03-23	Mid-Ebb	Rainy	IS(Mf)9	12:21:49	2.6	Bottom	3	2	17.94	7.91	24.98	95	7.75	3.7	3.6
HKLR	HY/2011/03	2016-03-23	Mid-Ebb	Rainy	IS10	12:50:06	1.0	Surface	1	1	17.73	7.9	13.95	96.8	7.86	3.2	4.1
HKLR	HY/2011/03	2016-03-23	Mid-Ebb	Rainy	IS10	12:50:23	1.0	Surface	1	2	17.72	7.9	14.13	97.3	7.85	3.2	2.8
HKLR	HY/2011/03	2016-03-23	Mid-Ebb	Rainy	IS10	12:50:19	5.2	Middle	2	1	17.68	7.88	17.34	96.5	7.83	3.2	3.6
HKLR	HY/2011/03	2016-03-23	Mid-Ebb	Rainy	IS10	12:50:01	5.2	Middle	2	2	17.69	7.88	17.12	96.3	7.82	3.3	3.4
HKLR	HY/2011/03	2016-03-23	Mid-Ebb	Rainy	IS10	12:50:13	9.4	Bottom	3	1	17.79	7.87	20.16	96.3	7.82	3.3	3.9
HKLR	HY/2011/03	2016-03-23	Mid-Ebb	Rainy	IS10	12:49:55	9.4	Bottom	3	2	17.75	7.87	19.8	95.6	7.75	3.4	2.6
HKLR	HY/2011/03	2016-03-23	Mid-Ebb	Rainy	SR3	11:46:32	0.7	Middle	2	1	18.03	7.94	24.41	96.1	7.86	5.6	6
HKLR	HY/2011/03	2016-03-23	Mid-Ebb	Rainy	SR3	11:46:37	0.7	Middle	2	2	18.03	7.94	24.45	93.4	7.59	5.5	6.9
HKLR	HY/2011/03	2016-03-23	Mid-Ebb	Rainy	SR4	12:31:44	1.0	Surface	1	1	17.99	7.91	24.45	94.4	7.72	5.8	5.9
HKLR	HY/2011/03	2016-03-23	Mid-Ebb	Rainy	SR4	12:31:25	1.0	Surface	1	2	17.99	7.91	24.48	94.7	7.74	5.7	5
HKLR	HY/2011/03	2016-03-23	Mid-Ebb	Rainy	SR4	12:31:35	2.7	Bottom	3	1	17.99	7.9	24.93	94.5	7.71	5.7	4.4
HKLR	HY/2011/03	2016-03-23	Mid-Ebb	Rainy	SR4	12:31:16	2.7	Bottom	3	2	17.99	7.9	25.11	94.9	7.73	5.7	5.3
HKLR	HY/2011/03	2016-03-23	Mid-Ebb	Rainy	SR5	12:40:06	1.0	Surface	1	1	17.72	7.89	15.97	94.5	7.69	3.4	4.5
HKLR	HY/2011/03	2016-03-23	Mid-Ebb	Rainy	SR5	12:40:23	1.0	Surface	1	2	17.78	7.9	14.89	94.3	7.7	3.4	4.1
HKLR	HY/2011/03	2016-03-23	Mid-Ebb	Rainy	SR5	12:40:15	3.8	Bottom	3	1	17.77	7.87	19.31	93.9	7.65	3.5	4
HKLR	HY/2011/03	2016-03-23	Mid-Ebb	Rainy	SR5	12:39:57	3.8	Bottom	3	2	17.75	7.86	20.37	94.2	7.67	3.5	3.2
HKLR	HY/2011/03	2016-03-23	Mid-Ebb	Rainy	SR10A	13:47:03	1.0	Surface	1	1	17.79	7.92	23.45	92.8	7.66	3.1	3
HKLR	HY/2011/03	2016-03-23	Mid-Ebb	Rainy	SR10A	13:47:43	1.0	Surface	1	2	17.79	7.92	23.41	92.7	7.66	3.1	2.5
HKLR	HY/2011/03	2016-03-23	Mid-Ebb	Rainy	SR10A	13:47:36	3.2	Middle	2	1	17.75	7.9	24.49	92.6	7.61	3.3	3.4
HKLR	HY/2011/03	2016-03-23	Mid-Ebb	Rainy	SR10A	13:46:55	3.2	Middle	2	2	17.76	7.91	24.58	92.6	7.61	3.2	3.6
HKLR	HY/2011/03	2016-03-23	Mid-Ebb	Rainy	SR10A	13:47:29	5.3	Bottom	3	1	17.75	7.9	24.56	92.6	7.61	3.1	4.8
HKLR	HY/2011/03	2016-03-23	Mid-Ebb	Rainy	SR10A	13:46:48	5.3	Bottom	3	2	17.79	7.91	24.66	92.6	7.6	3.2	4.3
HKLR	HY/2011/03	2016-03-23	Mid-Ebb	Rainy	SR10B	13:57:26	1.0	Surface	1	1	17.78	7.91	24.41	93	7.64	3.4	3.2
HKLR	HY/2011/03	2016-03-23	Mid-Ebb	Rainy	SR10B	13:56:58	1.0	Surface	1	2	17.78	7.91	23.67	92.8	7.66	3.3	3.5
HKLR	HY/2011/03	2016-03-23	Mid-Ebb	Rainy	SR10B	13:57:16	4.0	Bottom	3	1	17.76	7.9	24.83	92.8	7.6	3.5	4.9
HKLR	HY/2011/03	2016-03-23	Mid-Ebb	Rainy	SR10B	13:56:52	4.0	Bottom	3	2	17.78	7.9	24.59	92.7	7.61	3.4	4.8
HKLR	HY/2011/03	2016-03-23	Mid-Ebb	Rainy	CS2	11:25:38	1.0	Surface	1	1	17.77	7.91	24.45	99.1	8.02	4.1	3.5
HKLR	HY/2011/03	2016-03-23	Mid-Ebb	Rainy	CS2	11:26:09	1.0	Surface	1	2	17.79	7.91	24.44	98.8	7.99	4	3.2
HKLR	HY/2011/03	2016-03-23	Mid-Ebb	Rainy	CS2	11:25:59	4.1	Middle	2	1	17.74	7.91	24.51	98.5	7.98	4.1	4.4
HKLR	HY/2011/03	2016-03-23	Mid-Ebb	Rainy	CS2	11:25:29	4.1	Middle	2	2	17.69	7.9	26.43	98.8	7.98	4.2	4.3
HKLR	HY/2011/03	2016-03-23	Mid-Ebb	Rainy	CS2	11:25:49	7.1	Bottom	3	1	17.73	7.89	26.95	97.8	7.93	4.6	4.2
HKLR	HY/2011/03	2016-03-23	Mid-Ebb	Rainy	CS2	11:25:18	7.1	Bottom	3	2	17.72	7.87	26.8	98.4	7.94	4.6	4.6
HKLR	HY/2011/03	2016-03-23	Mid-Ebb	Rainy	CS(Mf)5	13:21:28	1.0	Surface	1	1	17.77	7.93	24.13	92.4	7.6	4.1	2.7
HKLR	HY/2011/03	2016-03-23	Mid-Ebb	Rainy	CS(Mf)5	13:20:43	1.0	Surface	1	2	17.74	7.93	24.28	92.1	7.58	4.2	3.3
HKLR	HY/2011/03	2016-03-23	Mid-Ebb	Rainy	CS(Mf)5	13:21:16	6.2	Middle	2	1	17.72	7.92	25.15	92	7.53	4.2	3.6
HKLR	HY/2011/03	2016-03-23	Mid-Ebb	Rainy	CS(Mf)5	13:20:34	6.2	Middle	2	2	17.69	7.92	25.55	91.8	7.5	4.2	3.7
HKLR	HY/2011/03	2016-03-23	Mid-Ebb	Rainy	CS(Mf)5	13:20:24	11.4	Bottom	3	1	17.69	7.91	25.73	91.7	7.49	4.3	3.3
HKLR	HY/2011/03	2016-03-23	Mid-Ebb	Rainy	CS(Mf)5	13:21:03	11.4	Bottom	3	2	17.7	7.9	25.69	91.8	7.49	4.2	3.6
HKLR	HY/2011/03	2016-03-23	Mid-Flood	Fine	IS5	07:53:25	1.0	Surface	1	1	17.97	7.9	25.88	93.4	7.58	7.6	8.8
HKLR	HY/2011/03	2016-03-23	Mid-Flood	Fine	IS5	07:53:00	1.0	Surface	1	2	17.97	7.9	25.88	93.4	7.58	7.6	9
HKLR	HY/2011/03	2016-03-23	Mid-Flood	Fine	IS5	07:52:53	4.5	Middle	2	1	17.97	7.9	25.88	93.3	7.57	7.8	9.2
HKLR	HY/2011/03	2016-03-23	Mid-Flood	Fine	IS5	07:53:15	4.5	Middle	2	2	17.97	7.9	25.88	93.2	7.56	7.7	9.2

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	2016-03-23	Mid-Flood	Fine	IS5	07:52:47	8.0	Bottom	3	1	17.97	7.9	25.88	93.4	7.58	7.8	10.4
HKLR	HY/2011/03	2016-03-23	Mid-Flood	Fine	IS5	07:53:08	8.0	Bottom	3	2	17.97	7.9	25.88	93.3	7.57	7.7	9.4
HKLR	HY/2011/03	2016-03-23	Mid-Flood	Fine	IS(Mf)6	07:45:17	1.0	Surface	1	1	17.96	7.89	25.56	94.2	7.66	4.7	5.1
HKLR	HY/2011/03	2016-03-23	Mid-Flood	Fine	IS(Mf)6	07:45:31	1.0	Surface	1	2	17.97	7.89	25.5	94.2	7.66	4.7	4.9
HKLR	HY/2011/03	2016-03-23	Mid-Flood	Fine	IS(Mf)6	07:45:23	2.2	Bottom	3	1	17.96	7.89	25.71	94.1	7.64	4.8	4.9
HKLR	HY/2011/03	2016-03-23	Mid-Flood	Fine	IS(Mf)6	07:45:10	2.2	Bottom	3	2	17.95	7.88	25.73	94.2	7.65	4.6	4.4
HKLR	HY/2011/03	2016-03-23	Mid-Flood	Fine	IS7	07:38:40	1.0	Surface	1	1	17.82	7.89	23.59	93.8	7.74	2.9	3.6
HKLR	HY/2011/03	2016-03-23	Mid-Flood	Fine	IS7	07:38:55	1.0	Surface	1	2	17.82	7.89	23.52	93.7	7.74	2.9	3.8
HKLR	HY/2011/03	2016-03-23	Mid-Flood	Fine	IS7	07:38:48	2.3	Bottom	3	1	17.81	7.88	24.4	93.8	7.7	3	3.1
HKLR	HY/2011/03	2016-03-23	Mid-Flood	Fine	IS7	07:38:31	2.3	Bottom	3	2	17.82	7.88	23.95	93.8	7.72	3	3.6
HKLR	HY/2011/03	2016-03-23	Mid-Flood	Fine	IS8	07:15:23	1.0	Surface	1	1	17.78	7.89	23.78	94	7.75	2.9	4
HKLR	HY/2011/03	2016-03-23	Mid-Flood	Fine	IS8	07:15:42	1.0	Surface	1	2	17.79	7.89	23.68	93.6	7.72	2.8	4
HKLR	HY/2011/03	2016-03-23	Mid-Flood	Fine	IS8	07:15:31	2.8	Bottom	3	1	17.77	7.89	24.1	93.7	7.71	3.2	3.9
HKLR	HY/2011/03	2016-03-23	Mid-Flood	Fine	IS8	07:15:16	2.8	Bottom	3	2	17.77	7.89	24.06	94.1	7.75	3.1	4.3
HKLR	HY/2011/03	2016-03-23	Mid-Flood	Fine	IS(Mf)9	07:31:38	1.0	Surface	1	1	17.82	7.89	23.53	94	7.76	3.1	3.8
HKLR	HY/2011/03	2016-03-23	Mid-Flood	Fine	IS(Mf)9	07:31:22	1.0	Surface	1	2	17.81	7.89	23.6	94.2	7.77	3	4.2
HKLR	HY/2011/03	2016-03-23	Mid-Flood	Fine	IS(Mf)9	07:31:12	2.7	Bottom	3	1	17.81	7.88	24.35	94.3	7.74	3.2	3.7
HKLR	HY/2011/03	2016-03-23	Mid-Flood	Fine	IS(Mf)9	07:31:31	2.7	Bottom	3	2	17.81	7.88	24.35	94	7.72	3.2	3.2
HKLR	HY/2011/03	2016-03-23	Mid-Flood	Fine	IS10	07:17:56	1.0	Surface	1	1	17.78	7.84	25.39	95.4	7.77	4.4	4.4
HKLR	HY/2011/03	2016-03-23	Mid-Flood	Fine	IS10	07:18:25	1.0	Surface	1	2	17.75	7.85	25.1	95.2	7.72	4.5	4.1
HKLR	HY/2011/03	2016-03-23	Mid-Flood	Fine	IS10	07:17:45	5.3	Middle	2	1	17.72	7.83	26.95	94.7	7.73	4.8	4.8
HKLR	HY/2011/03	2016-03-23	Mid-Flood	Fine	IS10	07:18:17	5.3	Middle	2	2	17.7	7.84	27.06	94.6	7.68	4.7	4.1
HKLR	HY/2011/03	2016-03-23	Mid-Flood	Fine	IS10	07:18:08	9.5	Bottom	3	1	17.69	7.82	28.44	94.2	7.62	5.1	5.9
HKLR	HY/2011/03	2016-03-23	Mid-Flood	Fine	IS10	07:17:32	9.5	Bottom	3	2	17.72	7.81	28.79	94.5	7.69	5.2	4.6
HKLR	HY/2011/03	2016-03-23	Mid-Flood	Fine	SR3	08:00:02	0.7	Middle	2	1	17.97	7.9	25.88	93.5	7.58	7.1	8.1
HKLR	HY/2011/03	2016-03-23	Mid-Flood	Fine	SR3	08:00:08	0.7	Middle	2	2	17.97	7.9	25.88	93.5	7.58	6.9	9.9
HKLR	HY/2011/03	2016-03-23	Mid-Flood	Fine	SR4	07:22:11	1.0	Surface	1	1	17.78	7.89	23.88	93.2	7.68	3.2	3.2
HKLR	HY/2011/03	2016-03-23	Mid-Flood	Fine	SR4	07:21:55	1.0	Surface	1	2	17.78	7.89	23.86	93.2	7.68	3.1	3.9
HKLR	HY/2011/03	2016-03-23	Mid-Flood	Fine	SR4	07:21:47	2.8	Bottom	3	1	17.77	7.89	24.07	93.1	7.67	3.1	3.4
HKLR	HY/2011/03	2016-03-23	Mid-Flood	Fine	SR4	07:22:03	2.8	Bottom	3	2	17.77	7.88	24.17	93.1	7.66	3.1	3.2
HKLR	HY/2011/03	2016-03-23	Mid-Flood	Fine	SR5	07:27:50	1.0	Surface	1	1	17.77	7.85	23.59	96.5	7.82	4.4	6.3
HKLR	HY/2011/03	2016-03-23	Mid-Flood	Fine	SR5	07:27:27	1.0	Surface	1	2	17.78	7.85	23.78	96.7	7.85	4.5	6.5
HKLR	HY/2011/03	2016-03-23	Mid-Flood	Fine	SR5	07:27:14	4.0	Bottom	3	1	17.74	7.83	26.09	96.3	7.8	4.8	5.5
HKLR	HY/2011/03	2016-03-23	Mid-Flood	Fine	SR5	07:27:39	4.0	Bottom	3	2	17.74	7.84	25.59	95.8	7.75	4.7	5.6
HKLR	HY/2011/03	2016-03-23	Mid-Flood	Fine	SR10A	06:21:35	1.0	Surface	1	1	17.54	7.86	27.04	91.9	7.47	2.6	2.7
HKLR	HY/2011/03	2016-03-23	Mid-Flood	Fine	SR10A	06:22:16	1.0	Surface	1	2	17.68	7.88	25.8	92.2	7.52	2.6	2.4
HKLR	HY/2011/03	2016-03-23	Mid-Flood	Fine	SR10A	06:22:05	3.3	Middle	2	1	17.51	7.86	27.36	91.6	7.43	2.6	4.3
HKLR	HY/2011/03	2016-03-23	Mid-Flood	Fine	SR10A	06:21:27	3.3	Middle	2	2	17.52	7.85	27.22	91.7	7.45	2.6	2.7
HKLR	HY/2011/03	2016-03-23	Mid-Flood	Fine	SR10A	06:21:56	5.6	Bottom	3	1	17.5	7.85	27.46	91.6	7.43	2.6	3.4
HKLR	HY/2011/03	2016-03-23	Mid-Flood	Fine	SR10A	06:21:15	5.6	Bottom	3	2	17.53	7.84	27.27	91.8	7.45	2.6	3.2
HKLR	HY/2011/03	2016-03-23	Mid-Flood	Fine	SR10B	06:12:03	1.0	Surface	1	1	17.59	7.78	26.31	92.7	7.55	2.5	5.1
HKLR	HY/2011/03	2016-03-23	Mid-Flood	Fine	SR10B	06:12:43	1.0	Surface	1	2	17.58	7.81	26.51	92.3	7.51	2.5	5
HKLR	HY/2011/03	2016-03-23	Mid-Flood	Fine	SR10B	06:11:54	4.2	Bottom	3	1	17.55	7.76	26.83	92.5	7.52	2.5	4.5
HKLR	HY/2011/03	2016-03-23	Mid-Flood	Fine	SR10B	06:12:29	4.2	Bottom	3	2	17.5	7.79	27.24	92.1	7.48	2.4	4.5
HKLR	HY/2011/03	2016-03-23	Mid-Flood	Fine	CS2	08:40:27	1.0	Surface	1	1	17.78	7.86	16.61	97.3	7.89	3.2	5.4
HKLR	HY/2011/03	2016-03-23	Mid-Flood	Fine	CS2	08:40:59	1.0	Surface	1	2	17.76	7.87	16.45	97.2	7.88	3.1	4.8
HKLR	HY/2011/03	2016-03-23	Mid-Flood	Fine	CS2	08:40:50	4.1	Middle	2	1	17.71	7.86	19.05	96.6	7.84	3.3	4.7
HKLR	HY/2011/03	2016-03-23	Mid-Flood	Fine	CS2	08:40:16	4.1	Middle	2	2	17.71	7.86	18.82	96.4	7.83	3.3	4.4
HKLR	HY/2011/03	2016-03-23	Mid-Flood	Fine	CS2	08:40:05	7.2	Bottom	3	1	17.67	7.81	21.28	96	7.78	3.5	3.8
HKLR	HY/2011/03	2016-03-23	Mid-Flood	Fine	CS2	08:40:40	7.2	Bottom	3	2	17.7	7.83	20.83	96.1	7.82	3.6	4.5
HKLR	HY/2011/03	2016-03-23	Mid-Flood	Fine	CS(Mf)5	06:44:07	1.0	Surface	1	1	17.59	7.9	26.03	91.7	7.49	3.7	2.7
HKLR	HY/2011/03	2016-03-23	Mid-Flood	Fine	CS(Mf)5	06:44:50	1.0	Surface	1	2	17.64	7.91	26.04	91.8	7.48	3.7	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	2016-03-23	Mid-Flood	Fine	CS(Mf)5	06:43:58	6.4	Middle	2	1	17.5	7.88	27.6	91.5	7.41	3.7	2
HKLR	HY/2011/03	2016-03-23	Mid-Flood	Fine	CS(Mf)5	06:44:38	6.4	Middle	2	2	17.5	7.88	27.65	91.1	7.38	3.7	3.5
HKLR	HY/2011/03	2016-03-23	Mid-Flood	Fine	CS(Mf)5	06:44:30	11.7	Bottom	3	1	17.5	7.88	27.65	91.1	7.38	3.8	2.1
HKLR	HY/2011/03	2016-03-23	Mid-Flood	Fine	CS(Mf)5	06:43:50	11.7	Bottom	3	2	17.53	7.88	27.57	91.3	7.4	3.8	2.9
HKLR	HY/2011/03	2016-03-25	Mid-Ebb	Sunny	IS5	12:46:55	1.0	Surface	1	1	17.43	7.85	22.93	86.9	7.25	4.4	3.4
HKLR	HY/2011/03	2016-03-25	Mid-Ebb	Sunny	IS5	12:47:22	1.0	Surface	1	2	17.44	7.85	22.87	86.8	7.24	4.6	3.7
HKLR	HY/2011/03	2016-03-25	Mid-Ebb	Sunny	IS5	12:46:45	4.3	Middle	2	1	17.46	7.84	23.28	86.9	7.23	5	5.2
HKLR	HY/2011/03	2016-03-25	Mid-Ebb	Sunny	IS5	12:47:14	4.3	Middle	2	2	17.46	7.84	23.28	86.7	7.22	5.1	5.6
HKLR	HY/2011/03	2016-03-25	Mid-Ebb	Sunny	IS5	12:47:04	7.5	Bottom	3	1	17.45	7.84	23.29	86.9	7.24	5.1	4.6
HKLR	HY/2011/03	2016-03-25	Mid-Ebb	Sunny	IS5	12:46:39	7.5	Bottom	3	2	17.45	7.84	23.37	87.1	7.25	4.9	6
HKLR	HY/2011/03	2016-03-25	Mid-Ebb	Sunny	IS(Mf)6	12:57:45	1.0	Surface	1	1	17.5	7.84	22.24	92.8	7.77	3.4	2.8
HKLR	HY/2011/03	2016-03-25	Mid-Ebb	Sunny	IS(Mf)6	12:58:03	1.0	Surface	1	2	17.5	7.84	22.26	91.5	7.66	3.5	3.8
HKLR	HY/2011/03	2016-03-25	Mid-Ebb	Sunny	IS(Mf)6	12:57:53	2.1	Bottom	3	1	17.47	7.83	22.41	91.9	7.69	3.4	3.5
HKLR	HY/2011/03	2016-03-25	Mid-Ebb	Sunny	IS(Mf)6	12:57:36	2.1	Bottom	3	2	17.49	7.83	22.37	93.7	7.84	3.3	5.1
HKLR	HY/2011/03	2016-03-25	Mid-Ebb	Sunny	IS7	13:05:12	1.0	Surface	1	1	17.5	7.84	22.29	90	7.53	3.5	4.2
HKLR	HY/2011/03	2016-03-25	Mid-Ebb	Sunny	IS7	13:05:27	1.0	Surface	1	2	17.5	7.84	22.3	89.9	7.52	3.3	4
HKLR	HY/2011/03	2016-03-25	Mid-Ebb	Sunny	IS7	13:05:03	2.3	Bottom	3	1	17.43	7.84	22.5	89.9	7.52	3.6	4
HKLR	HY/2011/03	2016-03-25	Mid-Ebb	Sunny	IS7	13:05:19	2.3	Bottom	3	2	17.46	7.84	22.46	89.7	7.5	3.3	5.8
HKLR	HY/2011/03	2016-03-25	Mid-Ebb	Sunny	IS8	13:37:09	1.0	Surface	1	1	17.31	7.85	22.69	89.8	7.52	2.7	5.2
HKLR	HY/2011/03	2016-03-25	Mid-Ebb	Sunny	IS8	13:37:30	1.0	Surface	1	2	17.33	7.85	22.7	89.8	7.52	2.8	3.8
HKLR	HY/2011/03	2016-03-25	Mid-Ebb	Sunny	IS8	13:37:21	2.8	Bottom	3	1	17.32	7.85	22.73	90.1	7.54	2.8	4.7
HKLR	HY/2011/03	2016-03-25	Mid-Ebb	Sunny	IS8	13:36:54	2.8	Bottom	3	2	17.37	7.85	22.78	89.9	7.52	3	4.1
HKLR	HY/2011/03	2016-03-25	Mid-Ebb	Sunny	IS(Mf)9	13:13:34	1.0	Surface	1	1	17.46	7.85	22.35	89.8	7.52	3.4	4.7
HKLR	HY/2011/03	2016-03-25	Mid-Ebb	Sunny	IS(Mf)9	13:13:49	1.0	Surface	1	2	17.42	7.85	22.44	89.7	7.51	3.1	3.7
HKLR	HY/2011/03	2016-03-25	Mid-Ebb	Sunny	IS(Mf)9	13:13:43	2.6	Bottom	3	1	17.4	7.84	22.56	89.5	7.49	3.1	3.7
HKLR	HY/2011/03	2016-03-25	Mid-Ebb	Sunny	IS(Mf)9	13:13:27	2.6	Bottom	3	2	17.42	7.84	22.53	89.5	7.49	3.2	4.1
HKLR	HY/2011/03	2016-03-25	Mid-Ebb	Sunny	IS10	13:31:57	1.0	Surface	1	1	17.51	7.87	14.24	97.1	7.25	3.3	4.3
HKLR	HY/2011/03	2016-03-25	Mid-Ebb	Sunny	IS10	13:32:46	1.0	Surface	1	2	17.47	7.86	14.68	97.2	7.26	3.1	4.2
HKLR	HY/2011/03	2016-03-25	Mid-Ebb	Sunny	IS10	13:32:33	5.7	Middle	2	1	17.54	7.85	16.87	97.1	7.25	3.5	4.5
HKLR	HY/2011/03	2016-03-25	Mid-Ebb	Sunny	IS10	13:31:51	5.7	Middle	2	2	17.54	7.85	17.16	97	7.24	3.5	3.6
HKLR	HY/2011/03	2016-03-25	Mid-Ebb	Sunny	IS10	13:31:35	10.3	Bottom	3	1	17.52	7.84	18.86	96.8	7.23	3.6	3.3
HKLR	HY/2011/03	2016-03-25	Mid-Ebb	Sunny	IS10	13:32:14	10.3	Bottom	3	2	17.52	7.84	19.05	97	7.24	3.5	5.1
HKLR	HY/2011/03	2016-03-25	Mid-Ebb	Sunny	SR3	12:34:45	0.8	Middle	2	1	17.4	7.85	22.76	87.9	7.35	3.7	4.5
HKLR	HY/2011/03	2016-03-25	Mid-Ebb	Sunny	SR3	12:34:32	0.8	Middle	2	2	17.4	7.85	22.77	87.8	7.34	3.8	5.4
HKLR	HY/2011/03	2016-03-25	Mid-Ebb	Sunny	SR4	13:24:37	1.0	Surface	1	1	17.31	7.84	22.69	92.8	7.78	2.7	4.5
HKLR	HY/2011/03	2016-03-25	Mid-Ebb	Sunny	SR4	13:24:55	1.0	Surface	1	2	17.3	7.85	22.68	91.9	7.7	2.7	4.5
HKLR	HY/2011/03	2016-03-25	Mid-Ebb	Sunny	SR4	13:24:30	2.8	Bottom	3	1	17.32	7.84	22.71	93.6	7.84	2.7	4.9
HKLR	HY/2011/03	2016-03-25	Mid-Ebb	Sunny	SR4	13:24:42	2.8	Bottom	3	2	17.31	7.84	22.69	92.4	7.74	2.7	4.1
HKLR	HY/2011/03	2016-03-25	Mid-Ebb	Sunny	SR5	13:18:11	1.0	Surface	1	1	17.54	7.85	15.54	97.9	7.32	3.5	4.3
HKLR	HY/2011/03	2016-03-25	Mid-Ebb	Sunny	SR5	13:18:50	1.0	Surface	1	2	17.49	7.84	14.83	97.7	7.3	3.4	2.8
HKLR	HY/2011/03	2016-03-25	Mid-Ebb	Sunny	SR5	13:18:05	4.5	Bottom	3	1	17.53	7.83	17.27	98	7.31	3.5	5.2
HKLR	HY/2011/03	2016-03-25	Mid-Ebb	Sunny	SR5	13:18:27	4.5	Bottom	3	2	17.54	7.83	18.18	97.8	7.3	3.6	4
HKLR	HY/2011/03	2016-03-25	Mid-Ebb	Sunny	SR10A	14:58:05	1.0	Surface	1	1	17.47	7.94	24.6	87.5	7.22	2.6	5.1
HKLR	HY/2011/03	2016-03-25	Mid-Ebb	Sunny	SR10A	14:58:44	1.0	Surface	1	2	17.39	7.95	23.84	87.8	7.29	2.4	3.8
HKLR	HY/2011/03	2016-03-25	Mid-Ebb	Sunny	SR10A	14:58:32	3.3	Middle	2	1	17.43	7.89	28.18	87.5	7.07	2.3	4.4
HKLR	HY/2011/03	2016-03-25	Mid-Ebb	Sunny	SR10A	14:57:53	3.3	Middle	2	2	17.41	7.9	28.31	87.3	7.05	2.5	4.1
HKLR	HY/2011/03	2016-03-25	Mid-Ebb	Sunny	SR10A	14:57:45	5.5	Bottom	3	1	17.39	7.88	28.78	87.2	7.03	3.1	3
HKLR	HY/2011/03	2016-03-25	Mid-Ebb	Sunny	SR10A	14:58:24	5.5	Bottom	3	2	17.4	7.88	28.57	87.5	7.06	3.3	3.7
HKLR	HY/2011/03	2016-03-25	Mid-Ebb	Sunny	SR10B	15:11:26	1.0	Surface	1	1	17.46	7.93	24.31	87.3	7.22	2.7	3.4
HKLR	HY/2011/03	2016-03-25	Mid-Ebb	Sunny	SR10B	15:11:08	1.0	Surface	1	2	17.51	7.93	24.43	87.3	7.21	2.9	3.7
HKLR	HY/2011/03	2016-03-25	Mid-Ebb	Sunny	SR10B	15:11:14	4.2	Bottom	3	1	17.48	7.9	28.36	87.1	7.03	2.8	3.5
HKLR	HY/2011/03	2016-03-25	Mid-Ebb	Sunny	SR10B	15:10:55	4.2	Bottom	3	2	17.45	7.89	28.45	86.9	7.01	2.8	3

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2016-03-25	Mid-Ebb	Sunny	CS2	12:26:18	1.0	Surface	1	1	17.51	7.86	15.95	94.7	7.13	2.7	3.1
HKLR	HY/2011/03	2016-03-25	Mid-Ebb	Sunny	CS2	12:27:00	1.0	Surface	1	2	17.49	7.85	16.39	95.3	7.11	2.9	3.5
HKLR	HY/2011/03	2016-03-25	Mid-Ebb	Sunny	CS2	12:26:49	4.2	Middle	2	1	17.52	7.85	17.8	95.1	7.1	3.2	5
HKLR	HY/2011/03	2016-03-25	Mid-Ebb	Sunny	CS2	12:25:57	4.2	Middle	2	2	17.53	7.86	18.62	94.8	7.13	3.4	5.4
HKLR	HY/2011/03	2016-03-25	Mid-Ebb	Sunny	CS2	12:25:45	7.3	Bottom	3	1	17.53	7.85	19.27	94.7	7.15	3.6	4.9
HKLR	HY/2011/03	2016-03-25	Mid-Ebb	Sunny	CS2	12:26:38	7.3	Bottom	3	2	17.53	7.85	19.27	95.1	7.1	3.8	5.4
HKLR	HY/2011/03	2016-03-25	Mid-Ebb	Sunny	CS(Mf)5	14:16:50	1.0	Surface	1	1	17.52	7.92	24.68	88.2	7.27	2.9	4.5
HKLR	HY/2011/03	2016-03-25	Mid-Ebb	Sunny	CS(Mf)5	14:17:39	1.0	Surface	1	2	17.51	7.93	23.94	87.7	7.26	2.9	4.4
HKLR	HY/2011/03	2016-03-25	Mid-Ebb	Sunny	CS(Mf)5	14:16:30	6.8	Middle	2	1	17.38	7.87	28.81	88.3	7.12	3.4	4.6
HKLR	HY/2011/03	2016-03-25	Mid-Ebb	Sunny	CS(Mf)5	14:17:21	6.8	Middle	2	2	17.38	7.89	28.82	87.5	7.06	3.5	3.6
HKLR	HY/2011/03	2016-03-25	Mid-Ebb	Sunny	CS(Mf)5	14:16:18	12.5	Bottom	3	1	17.42	7.86	28.78	88.6	7.14	3.6	4
HKLR	HY/2011/03	2016-03-25	Mid-Ebb	Sunny	CS(Mf)5	14:17:11	12.5	Bottom	3	2	17.38	7.88	28.87	87.5	7.05	3.9	4.8
HKLR	HY/2011/03	2016-03-25	Mid-Flood	Sunny	IS5	09:02:45	1.0	Surface	1	1	17.17	7.85	22.85	87.8	7.33	4.5	6.3
HKLR	HY/2011/03	2016-03-25	Mid-Flood	Sunny	IS5	09:03:17	1.0	Surface	1	2	17.18	7.85	22.87	87.4	7.3	4.3	6.5
HKLR	HY/2011/03	2016-03-25	Mid-Flood	Sunny	IS5	09:02:35	4.4	Middle	2	1	17.2	7.84	23.28	87.9	7.32	5.1	6.6
HKLR	HY/2011/03	2016-03-25	Mid-Flood	Sunny	IS5	09:03:02	4.4	Middle	2	2	17.2	7.84	23.19	87.3	7.27	4.8	6.6
HKLR	HY/2011/03	2016-03-25	Mid-Flood	Sunny	IS5	09:02:27	7.7	Bottom	3	1	17.2	7.84	23.27	88.3	7.35	4.9	7.2
HKLR	HY/2011/03	2016-03-25	Mid-Flood	Sunny	IS5	09:02:53	7.7	Bottom	3	2	17.19	7.84	23.18	87.6	7.3	4.8	7.6
HKLR	HY/2011/03	2016-03-25	Mid-Flood	Sunny	IS(Mf)6	08:51:16	1.0	Surface	1	1	17.1	7.85	22.81	89.1	7.45	2.9	5.7
HKLR	HY/2011/03	2016-03-25	Mid-Flood	Sunny	IS(Mf)6	08:51:04	1.0	Surface	1	2	17.1	7.85	22.81	89.2	7.46	2.9	5.5
HKLR	HY/2011/03	2016-03-25	Mid-Flood	Sunny	IS(Mf)6	08:50:56	2.3	Bottom	3	1	17.1	7.85	22.84	89.3	7.47	2.9	7.5
HKLR	HY/2011/03	2016-03-25	Mid-Flood	Sunny	IS(Mf)6	08:51:10	2.3	Bottom	3	2	17.1	7.85	22.86	89.2	7.46	3.1	7.8
HKLR	HY/2011/03	2016-03-25	Mid-Flood	Sunny	IS7	08:43:55	1.0	Surface	1	1	17.09	7.85	22.79	89.1	7.45	3	4.6
HKLR	HY/2011/03	2016-03-25	Mid-Flood	Sunny	IS7	08:43:32	1.0	Surface	1	2	17.09	7.85	22.79	88.9	7.44	3.3	4.5
HKLR	HY/2011/03	2016-03-25	Mid-Flood	Sunny	IS7	08:43:19	2.3	Bottom	3	1	17.12	7.85	22.89	88.9	7.43	3.3	4.7
HKLR	HY/2011/03	2016-03-25	Mid-Flood	Sunny	IS7	08:43:45	2.3	Bottom	3	2	17.11	7.85	22.84	89.1	7.45	3.2	4.5
HKLR	HY/2011/03	2016-03-25	Mid-Flood	Sunny	IS8	08:14:09	1.0	Surface	1	1	17.1	7.87	22.8	93.9	7.85	3.5	6.5
HKLR	HY/2011/03	2016-03-25	Mid-Flood	Sunny	IS8	08:14:29	1.0	Surface	1	2	17.09	7.87	22.8	92.3	7.72	3.4	7.4
HKLR	HY/2011/03	2016-03-25	Mid-Flood	Sunny	IS8	08:14:20	2.8	Bottom	3	1	17.11	7.87	22.84	92.9	7.77	3.7	6.3
HKLR	HY/2011/03	2016-03-25	Mid-Flood	Sunny	IS8	08:14:02	2.8	Bottom	3	2	17.11	7.87	22.88	94.9	7.93	4	7.8
HKLR	HY/2011/03	2016-03-25	Mid-Flood	Sunny	IS(Mf)9	08:35:19	1.0	Surface	1	1	17.1	7.85	22.75	92	7.7	3	4.7
HKLR	HY/2011/03	2016-03-25	Mid-Flood	Sunny	IS(Mf)9	08:35:48	1.0	Surface	1	2	17.1	7.85	22.77	90.4	7.57	3	6.3
HKLR	HY/2011/03	2016-03-25	Mid-Flood	Sunny	IS(Mf)9	08:35:38	2.8	Bottom	3	1	17.13	7.84	22.88	90.9	7.59	3.3	5
HKLR	HY/2011/03	2016-03-25	Mid-Flood	Sunny	IS(Mf)9	08:35:10	2.8	Bottom	3	2	17.1	7.85	22.81	93.1	7.79	3	5.1
HKLR	HY/2011/03	2016-03-25	Mid-Flood	Sunny	IS10	08:07:34	1.0	Surface	1	1	17.47	7.83	17	95.5	7.17	3.2	3.1
HKLR	HY/2011/03	2016-03-25	Mid-Flood	Sunny	IS10	08:07:05	1.0	Surface	1	2	17.42	7.82	16.57	95.8	7.18	3.2	4
HKLR	HY/2011/03	2016-03-25	Mid-Flood	Sunny	IS10	08:07:23	5.8	Middle	2	1	17.51	7.84	18.36	95.6	7.16	3.5	6
HKLR	HY/2011/03	2016-03-25	Mid-Flood	Sunny	IS10	08:06:54	5.8	Middle	2	2	17.52	7.83	18.49	95.7	7.17	3.4	5.4
HKLR	HY/2011/03	2016-03-25	Mid-Flood	Sunny	IS10	08:06:47	10.6	Bottom	3	1	17.46	7.8	21.84	95.6	7.17	3.5	5.3
HKLR	HY/2011/03	2016-03-25	Mid-Flood	Sunny	IS10	08:07:15	10.6	Bottom	3	2	17.51	7.8	22.14	95.4	7.16	3.5	5.3
HKLR	HY/2011/03	2016-03-25	Mid-Flood	Sunny	SR3	09:13:13	0.8	Middle	2	1	17.15	7.85	22.82	87.8	7.33	3.9	8.5
HKLR	HY/2011/03	2016-03-25	Mid-Flood	Sunny	SR3	09:13:05	0.8	Middle	2	2	17.15	7.85	22.87	87.7	7.33	4	8.1
HKLR	HY/2011/03	2016-03-25	Mid-Flood	Sunny	SR4	08:26:52	1.0	Surface	1	1	17.1	7.87	22.85	89.9	7.52	3.3	5.6
HKLR	HY/2011/03	2016-03-25	Mid-Flood	Sunny	SR4	08:26:37	1.0	Surface	1	2	17.1	7.87	22.86	89.8	7.51	3.5	6.2
HKLR	HY/2011/03	2016-03-25	Mid-Flood	Sunny	SR4	08:26:44	2.8	Bottom	3	1	17.1	7.87	22.91	89.9	7.51	3.7	5.5
HKLR	HY/2011/03	2016-03-25	Mid-Flood	Sunny	SR4	08:26:29	2.8	Bottom	3	2	17.11	7.87	22.95	90	7.52	3.6	5.3
HKLR	HY/2011/03	2016-03-25	Mid-Flood	Sunny	SR5	08:19:24	1.0	Surface	1	1	17.42	7.81	17.12	95.1	7.13	3.1	4.7
HKLR	HY/2011/03	2016-03-25	Mid-Flood	Sunny	SR5	08:19:39	1.0	Surface	1	2	17.44	7.81	17.01	95.1	7.13	3.2	5.4
HKLR	HY/2011/03	2016-03-25	Mid-Flood	Sunny	SR5	08:19:18	4.5	Bottom	3	1	17.43	7.8	17.52	95.1	7.13	3.6	5.4
HKLR	HY/2011/03	2016-03-25	Mid-Flood	Sunny	SR5	08:19:33	4.5	Bottom	3	2	17.44	7.79	19.5	95.1	7.13	3.3	5.7
HKLR	HY/2011/03	2016-03-25	Mid-Flood	Sunny	SR10A	06:55:41	1.0	Surface	1	1	17.15	7.86	27.57	88.6	7.19	2.3	5.6
HKLR	HY/2011/03	2016-03-25	Mid-Flood	Sunny	SR10A	06:55:12	1.0	Surface	1	2	17.15	7.85	27.81	88.6	7.18	2.2	6

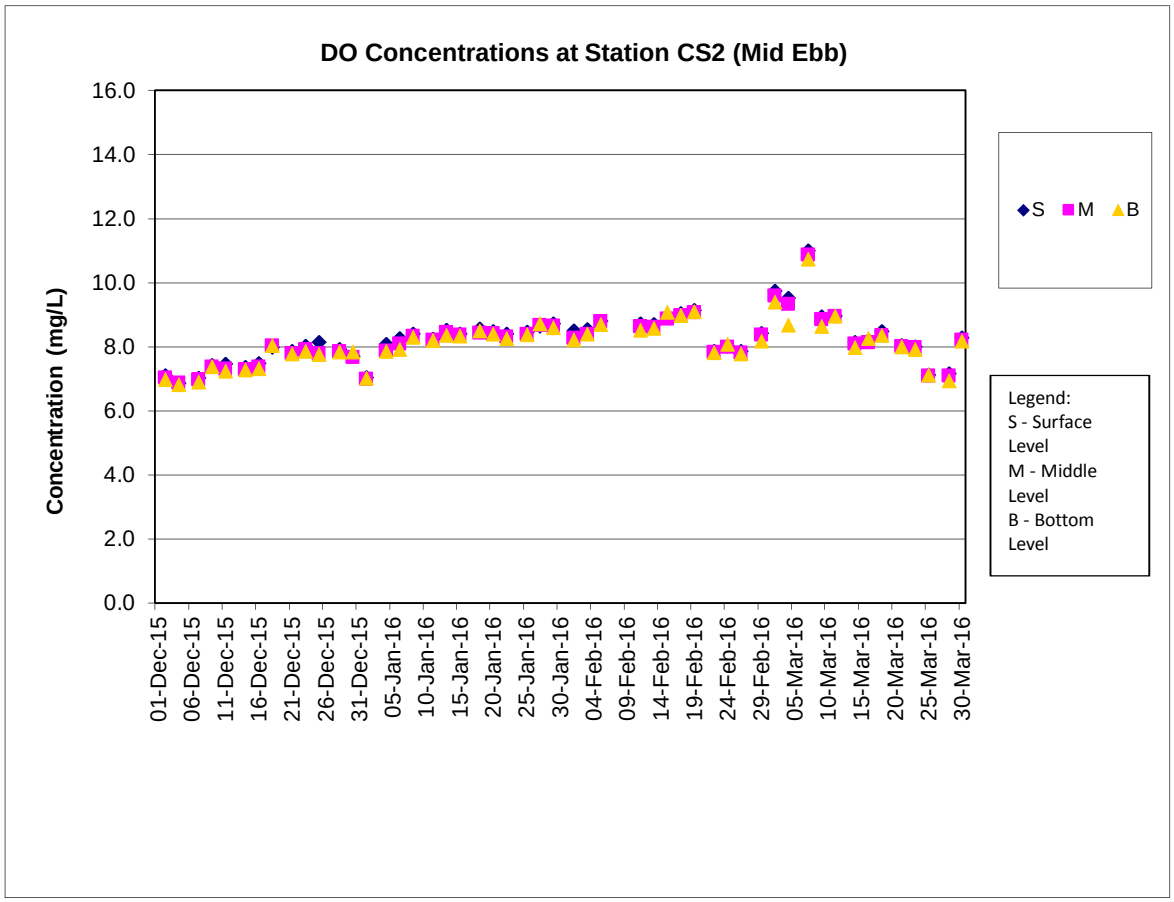
Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2016-03-25	Mid-Flood	Sunny	SR10A	06:55:30	3.3	Middle	2	1	17.12	7.85	28.53	88.5	7.14	2.7	5.4
HKLR	HY/2011/03	2016-03-25	Mid-Flood	Sunny	SR10A	06:55:02	3.3	Middle	2	2	17.12	7.84	28.54	88.5	7.15	2.6	6.2
HKLR	HY/2011/03	2016-03-25	Mid-Flood	Sunny	SR10A	06:54:54	5.5	Bottom	3	1	17.13	7.84	28.42	88.5	7.15	2.4	4.6
HKLR	HY/2011/03	2016-03-25	Mid-Flood	Sunny	SR10A	06:55:19	5.5	Bottom	3	2	17.13	7.85	28.38	88.4	7.15	2.4	5.2
HKLR	HY/2011/03	2016-03-25	Mid-Flood	Sunny	SR10B	06:41:59	1.0	Surface	1	1	17.15	7.77	27.82	91.5	7.42	2.3	2.3
HKLR	HY/2011/03	2016-03-25	Mid-Flood	Sunny	SR10B	06:41:42	1.0	Surface	1	2	17.15	7.76	27.67	93	7.54	2.3	3.9
HKLR	HY/2011/03	2016-03-25	Mid-Flood	Sunny	SR10B	06:41:31	4.2	Bottom	3	1	17.13	7.73	28.21	94.3	7.63	2.5	5.7
HKLR	HY/2011/03	2016-03-25	Mid-Flood	Sunny	SR10B	06:41:50	4.2	Bottom	3	2	17.14	7.76	28.2	92	7.45	2.3	5.9
HKLR	HY/2011/03	2016-03-25	Mid-Flood	Sunny	CS2	09:21:44	1.0	Surface	1	1	17.51	7.86	16.26	95	7.11	3.6	5.3
HKLR	HY/2011/03	2016-03-25	Mid-Flood	Sunny	CS2	09:22:35	1.0	Surface	1	2	17.5	7.86	16.31	94.9	7.09	3.3	5.4
HKLR	HY/2011/03	2016-03-25	Mid-Flood	Sunny	CS2	09:21:37	4.1	Middle	2	1	17.52	7.84	18.97	94.9	7.1	3.8	4.9
HKLR	HY/2011/03	2016-03-25	Mid-Flood	Sunny	CS2	09:22:27	4.1	Middle	2	2	17.52	7.85	18.89	94.8	7.09	3.5	5.2
HKLR	HY/2011/03	2016-03-25	Mid-Flood	Sunny	CS2	09:21:26	7.2	Bottom	3	1	17.53	7.84	19.34	94.8	7.1	4.6	4.6
HKLR	HY/2011/03	2016-03-25	Mid-Flood	Sunny	CS2	09:22:06	7.2	Bottom	3	2	17.53	7.84	19.51	94.7	7.08	4.7	4.3
HKLR	HY/2011/03	2016-03-25	Mid-Flood	Sunny	CS(Mf)5	07:32:30	1.0	Surface	1	1	17.22	7.91	26.39	88.1	7.2	2.7	3.7
HKLR	HY/2011/03	2016-03-25	Mid-Flood	Sunny	CS(Mf)5	07:31:33	1.0	Surface	1	2	17.24	7.92	25.87	88.5	7.25	2.7	3.6
HKLR	HY/2011/03	2016-03-25	Mid-Flood	Sunny	CS(Mf)5	07:32:11	6.8	Middle	2	1	17.12	7.89	28.62	87.8	7.08	2.5	5.5
HKLR	HY/2011/03	2016-03-25	Mid-Flood	Sunny	CS(Mf)5	07:31:06	6.8	Middle	2	2	17.12	7.88	28.6	88.2	7.12	2.7	5.8
HKLR	HY/2011/03	2016-03-25	Mid-Flood	Sunny	CS(Mf)5	07:30:46	12.6	Bottom	3	1	17.13	7.87	28.57	88.7	7.16	2.9	4.6
HKLR	HY/2011/03	2016-03-25	Mid-Flood	Sunny	CS(Mf)5	07:31:52	12.6	Bottom	3	2	17.12	7.88	28.67	87.8	7.08	2.7	4.8
HKLR	HY/2011/03	2016-03-28	Mid-Ebb	Sunny	IS5	14:42:17	1.0	Surface	1	1	17.86	8.11	23.46	95.6	7.89	7.5	6.1
HKLR	HY/2011/03	2016-03-28	Mid-Ebb	Sunny	IS5	14:42:54	1.0	Surface	1	2	17.9	8.08	23.33	95.6	7.89	7.5	6.6
HKLR	HY/2011/03	2016-03-28	Mid-Ebb	Sunny	IS5	14:42:36	4.2	Middle	2	1	17.75	8.09	23.81	94.8	7.82	7.7	4.3
HKLR	HY/2011/03	2016-03-28	Mid-Ebb	Sunny	IS5	14:42:10	4.2	Middle	2	2	17.81	8.11	23.7	95.3	7.86	7.6	6.1
HKLR	HY/2011/03	2016-03-28	Mid-Ebb	Sunny	IS5	14:41:57	7.4	Bottom	3	1	17.83	8.12	24.83	95.6	7.83	7.6	6.3
HKLR	HY/2011/03	2016-03-28	Mid-Ebb	Sunny	IS5	14:42:27	7.4	Bottom	3	2	17.75	8.09	24.93	95.2	7.8	7.8	8
HKLR	HY/2011/03	2016-03-28	Mid-Ebb	Sunny	IS(Mf)6	14:49:16	1.0	Surface	1	1	18.03	7.99	22.85	100.7	8.31	4	5.5
HKLR	HY/2011/03	2016-03-28	Mid-Ebb	Sunny	IS(Mf)6	14:49:31	1.0	Surface	1	2	18.05	7.99	22.77	100.4	8.29	3.9	5.2
HKLR	HY/2011/03	2016-03-28	Mid-Ebb	Sunny	IS(Mf)6	14:49:10	2.3	Bottom	3	1	18.04	7.99	22.91	100.8	8.32	4	6.8
HKLR	HY/2011/03	2016-03-28	Mid-Ebb	Sunny	IS(Mf)6	14:49:22	2.3	Bottom	3	2	18.03	7.99	22.86	100.5	8.29	4	5.2
HKLR	HY/2011/03	2016-03-28	Mid-Ebb	Sunny	IS7	14:56:22	1.0	Surface	1	1	18.05	7.98	22.81	100	8.25	3.9	5.2
HKLR	HY/2011/03	2016-03-28	Mid-Ebb	Sunny	IS7	14:56:37	1.0	Surface	1	2	18.05	7.98	22.8	99.9	8.24	4.1	6
HKLR	HY/2011/03	2016-03-28	Mid-Ebb	Sunny	IS7	14:56:30	2.2	Bottom	3	1	18.05	7.98	22.82	99.9	8.24	3.9	5.5
HKLR	HY/2011/03	2016-03-28	Mid-Ebb	Sunny	IS7	14:56:17	2.2	Bottom	3	2	18.06	7.98	22.82	100	8.25	4	4.3
HKLR	HY/2011/03	2016-03-28	Mid-Ebb	Sunny	IS8	15:20:12	1.0	Surface	1	1	18.02	7.92	22.18	97.3	8.06	4.7	7.5
HKLR	HY/2011/03	2016-03-28	Mid-Ebb	Sunny	IS8	15:19:56	1.0	Surface	1	2	18.02	7.92	22.18	97.4	8.07	4.8	6.9
HKLR	HY/2011/03	2016-03-28	Mid-Ebb	Sunny	IS8	15:20:05	2.9	Bottom	3	1	17.99	7.92	22.24	97.2	8.06	4.7	7.6
HKLR	HY/2011/03	2016-03-28	Mid-Ebb	Sunny	IS8	15:19:50	2.9	Bottom	3	2	18.03	7.92	22.19	97.2	8.05	4.8	7.9
HKLR	HY/2011/03	2016-03-28	Mid-Ebb	Sunny	IS(Mf)9	15:06:03	1.0	Surface	1	1	18.06	7.95	22	99.6	8.26	4.8	6.5
HKLR	HY/2011/03	2016-03-28	Mid-Ebb	Sunny	IS(Mf)9	15:05:49	1.0	Surface	1	2	18.06	7.95	21.98	100.2	8.3	4.7	6.5
HKLR	HY/2011/03	2016-03-28	Mid-Ebb	Sunny	IS(Mf)9	15:05:57	2.6	Bottom	3	1	18.05	7.95	22.04	99.8	8.27	4.9	5.8
HKLR	HY/2011/03	2016-03-28	Mid-Ebb	Sunny	IS(Mf)9	15:05:36	2.6	Bottom	3	2	18.04	7.94	22.04	100.8	8.35	4.9	6.7
HKLR	HY/2011/03	2016-03-28	Mid-Ebb	Sunny	IS10	16:00:34	1.0	Surface	1	1	17.96	7.91	27.15	91	7.7	3.2	5
HKLR	HY/2011/03	2016-03-28	Mid-Ebb	Sunny	IS10	16:01:37	1.0	Surface	1	2	17.95	7.9	27.18	90.1	7.64	3.6	5.4
HKLR	HY/2011/03	2016-03-28	Mid-Ebb	Sunny	IS10	16:01:15	5.1	Middle	2	1	17.72	7.91	27.33	89.5	7.57	4.3	6
HKLR	HY/2011/03	2016-03-28	Mid-Ebb	Sunny	IS10	16:00:09	5.1	Middle	2	2	17.75	7.9	27.37	90.2	7.62	4.1	6.3
HKLR	HY/2011/03	2016-03-28	Mid-Ebb	Sunny	IS10	15:59:45	9.2	Bottom	3	1	17.58	7.9	27.63	87.3	7.32	5.3	7.9
HKLR	HY/2011/03	2016-03-28	Mid-Ebb	Sunny	IS10	16:00:53	9.2	Bottom	3	2	17.58	7.9	27.57	87.2	7.31	5.2	8.1
HKLR	HY/2011/03	2016-03-28	Mid-Ebb	Sunny	SR3	14:31:12	0.7	Middle	2	1	17.91	8.26	23.11	100.2	8.28	4.5	7.4
HKLR	HY/2011/03	2016-03-28	Mid-Ebb	Sunny	SR3	14:31:19	0.7	Middle	2	2	17.91	8.26	23.12	100.2	8.27	4.6	7.4
HKLR	HY/2011/03	2016-03-28	Mid-Ebb	Sunny	SR4	15:13:26	1.0	Surface	1	1	18.09	7.92	22.1	98.3	8.14	4.9	7.8
HKLR	HY/2011/03	2016-03-28	Mid-Ebb	Sunny	SR4	15:13:41	1.0	Surface	1	2	18.09	7.92	22.1	98	8.12	4.9	7.9

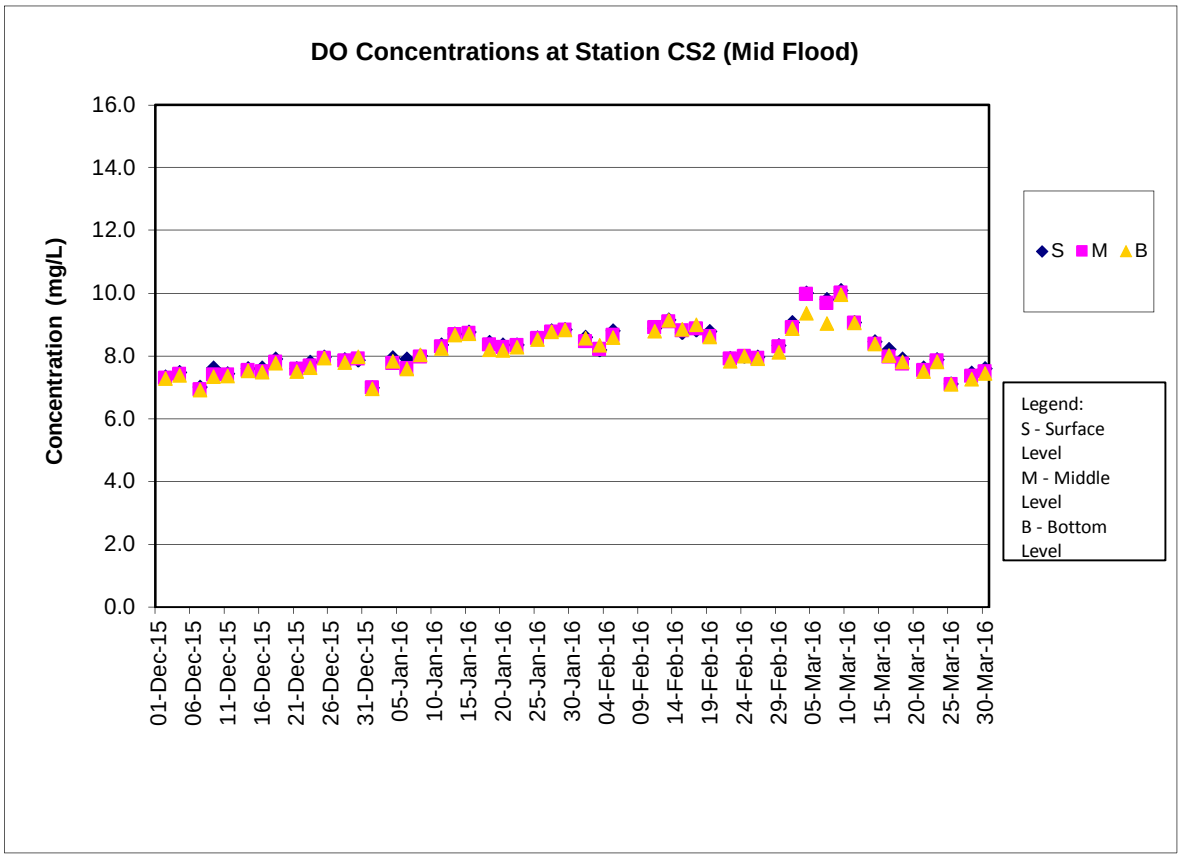
Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2016-03-28	Mid-Ebb	Sunny	SR4	15:13:17	2.6	Bottom	3	1	18.05	7.92	22.12	98.4	8.15	4.9	7.6
HKLR	HY/2011/03	2016-03-28	Mid-Ebb	Sunny	SR4	15:13:32	2.6	Bottom	3	2	18.06	7.92	22.12	98	8.12	5	8.5
HKLR	HY/2011/03	2016-03-28	Mid-Ebb	Sunny	SR5	15:48:01	1.0	Surface	1	1	17.93	7.91	26.66	89.6	7.5	3	8
HKLR	HY/2011/03	2016-03-28	Mid-Ebb	Sunny	SR5	15:47:20	1.0	Surface	1	2	17.93	7.91	26.64	89.7	7.5	3.2	7.9
HKLR	HY/2011/03	2016-03-28	Mid-Ebb	Sunny	SR5	15:46:58	3.9	Bottom	3	1	17.86	7.9	26.75	89.4	7.44	3.4	6.8
HKLR	HY/2011/03	2016-03-28	Mid-Ebb	Sunny	SR5	15:47:40	3.9	Bottom	3	2	17.89	7.9	26.76	89.1	7.44	3.3	7.2
HKLR	HY/2011/03	2016-03-28	Mid-Ebb	Sunny	SR10A	16:21:44	1.0	Surface	1	1	17.91	7.94	24.15	92	7.55	3.2	5.5
HKLR	HY/2011/03	2016-03-28	Mid-Ebb	Sunny	SR10A	16:22:11	1.0	Surface	1	2	17.89	7.94	24.22	91.5	7.51	3	5.7
HKLR	HY/2011/03	2016-03-28	Mid-Ebb	Sunny	SR10A	16:22:04	3.1	Middle	2	1	17.72	7.93	24.66	91.1	7.48	3.1	6.2
HKLR	HY/2011/03	2016-03-28	Mid-Ebb	Sunny	SR10A	16:21:37	3.1	Middle	2	2	17.8	7.93	24.51	91.6	7.52	3.3	6.3
HKLR	HY/2011/03	2016-03-28	Mid-Ebb	Sunny	SR10A	16:21:58	5.2	Bottom	3	1	17.57	7.9	26.88	91.1	7.41	3.3	5.5
HKLR	HY/2011/03	2016-03-28	Mid-Ebb	Sunny	SR10A	16:21:30	5.2	Bottom	3	2	17.86	7.92	26.41	91.6	7.42	3.3	5.7
HKLR	HY/2011/03	2016-03-28	Mid-Ebb	Sunny	SR10B	16:32:07	1.0	Surface	1	1	17.91	7.93	24.27	92.6	7.6	3.2	3.8
HKLR	HY/2011/03	2016-03-28	Mid-Ebb	Sunny	SR10B	16:32:23	1.0	Surface	1	2	17.94	7.93	24.12	92.8	7.62	3.2	3.9
HKLR	HY/2011/03	2016-03-28	Mid-Ebb	Sunny	SR10B	16:32:01	3.8	Bottom	3	1	17.92	7.92	24.49	92.4	7.57	3.3	4.7
HKLR	HY/2011/03	2016-03-28	Mid-Ebb	Sunny	SR10B	16:32:14	3.8	Bottom	3	2	17.91	7.92	24.59	92.6	7.58	3.3	4.7
HKLR	HY/2011/03	2016-03-28	Mid-Ebb	Sunny	CS2	14:39:14	1.0	Surface	1	1	17.97	7.9	26.89	89.1	7.18	3.4	4.2
HKLR	HY/2011/03	2016-03-28	Mid-Ebb	Sunny	CS2	14:40:31	1.0	Surface	1	2	17.95	7.9	26.98	88.9	7.17	3.5	3.7
HKLR	HY/2011/03	2016-03-28	Mid-Ebb	Sunny	CS2	14:40:10	3.9	Middle	2	1	17.83	7.91	27.09	88.2	7.12	4.6	5.2
HKLR	HY/2011/03	2016-03-28	Mid-Ebb	Sunny	CS2	14:38:55	3.9	Middle	2	2	17.81	7.91	27.14	87.7	7.08	4.5	5.2
HKLR	HY/2011/03	2016-03-28	Mid-Ebb	Sunny	CS2	14:38:23	6.8	Bottom	3	1	17.49	7.88	27.32	87	6.94	5.8	5.2
HKLR	HY/2011/03	2016-03-28	Mid-Ebb	Sunny	CS2	14:39:45	6.8	Bottom	3	2	17.48	7.91	27.27	87.4	6.97	5.9	4.4
HKLR	HY/2011/03	2016-03-28	Mid-Ebb	Sunny	CS(Mf)5	15:58:39	1.0	Surface	1	1	17.95	7.95	24.01	91.7	7.53	3	3.4
HKLR	HY/2011/03	2016-03-28	Mid-Ebb	Sunny	CS(Mf)5	15:59:20	1.0	Surface	1	2	17.86	7.95	24.09	90.8	7.47	2.9	4.2
HKLR	HY/2011/03	2016-03-28	Mid-Ebb	Sunny	CS(Mf)5	15:58:22	5.8	Middle	2	1	17.53	7.91	27.27	90.3	7.33	2.8	4.6
HKLR	HY/2011/03	2016-03-28	Mid-Ebb	Sunny	CS(Mf)5	15:59:09	5.8	Middle	2	2	17.49	7.9	27.75	90	7.29	2.8	5.3
HKLR	HY/2011/03	2016-03-28	Mid-Ebb	Sunny	CS(Mf)5	15:58:11	10.6	Bottom	3	1	17.56	7.9	27.81	91.2	7.37	3	6
HKLR	HY/2011/03	2016-03-28	Mid-Ebb	Sunny	CS(Mf)5	15:59:02	10.6	Bottom	3	2	17.49	7.9	27.91	90.5	7.32	2.8	5.4
HKLR	HY/2011/03	2016-03-28	Mid-Flood	Sunny	IS5	10:07:20	1.0	Surface	1	1	17.78	7.89	22.55	91.9	7.63	4.4	5.9
HKLR	HY/2011/03	2016-03-28	Mid-Flood	Sunny	IS5	10:06:48	1.0	Surface	1	2	17.78	7.89	22.59	92.5	7.68	4.2	6
HKLR	HY/2011/03	2016-03-28	Mid-Flood	Sunny	IS5	10:06:42	4.4	Middle	2	1	17.77	7.88	22.93	92.3	7.66	4.5	4.6
HKLR	HY/2011/03	2016-03-28	Mid-Flood	Sunny	IS5	10:07:11	4.4	Middle	2	2	17.77	7.88	22.99	91.5	7.58	4.4	5
HKLR	HY/2011/03	2016-03-28	Mid-Flood	Sunny	IS5	10:06:34	7.8	Bottom	3	1	17.78	7.86	24.94	92.9	7.61	4.5	4.1
HKLR	HY/2011/03	2016-03-28	Mid-Flood	Sunny	IS5	10:07:02	7.8	Bottom	3	2	17.77	7.85	24.99	92.1	7.54	4.4	4.6
HKLR	HY/2011/03	2016-03-28	Mid-Flood	Sunny	IS(Mf)6	09:55:00	1.0	Surface	1	1	17.79	7.87	22.35	96.2	8	3.3	4.7
HKLR	HY/2011/03	2016-03-28	Mid-Flood	Sunny	IS(Mf)6	09:54:48	1.0	Surface	1	2	17.79	7.87	22.37	96.6	8.03	3.4	4
HKLR	HY/2011/03	2016-03-28	Mid-Flood	Sunny	IS(Mf)6	09:54:41	2.2	Bottom	3	1	17.78	7.87	22.4	96.7	8.04	3.5	4.9
HKLR	HY/2011/03	2016-03-28	Mid-Flood	Sunny	IS(Mf)6	09:54:54	2.2	Bottom	3	2	17.79	7.87	22.4	96.3	8.01	3.4	5.4
HKLR	HY/2011/03	2016-03-28	Mid-Flood	Sunny	IS7	09:46:58	1.0	Surface	1	1	17.71	7.87	21.7	91.1	7.62	4.7	6.1
HKLR	HY/2011/03	2016-03-28	Mid-Flood	Sunny	IS7	09:46:44	1.0	Surface	1	2	17.7	7.87	21.81	91	7.61	4.8	5.2
HKLR	HY/2011/03	2016-03-28	Mid-Flood	Sunny	IS7	09:46:49	2.2	Bottom	3	1	17.71	7.86	22.67	91.2	7.58	4.8	6.2
HKLR	HY/2011/03	2016-03-28	Mid-Flood	Sunny	IS7	09:46:36	2.2	Bottom	3	2	17.71	7.86	22.17	91	7.59	5	6.5
HKLR	HY/2011/03	2016-03-28	Mid-Flood	Sunny	IS8	09:23:42	1.0	Surface	1	1	17.79	7.87	22.39	90.8	7.55	4.7	6
HKLR	HY/2011/03	2016-03-28	Mid-Flood	Sunny	IS8	09:23:25	1.0	Surface	1	2	17.8	7.87	22.4	91.1	7.57	4.8	5.7
HKLR	HY/2011/03	2016-03-28	Mid-Flood	Sunny	IS8	09:23:34	2.9	Bottom	3	1	17.8	7.87	22.49	91	7.56	4.7	6.7
HKLR	HY/2011/03	2016-03-28	Mid-Flood	Sunny	IS8	09:23:18	2.9	Bottom	3	2	17.79	7.87	22.46	91.2	7.58	4.7	5.7
HKLR	HY/2011/03	2016-03-28	Mid-Flood	Sunny	IS(Mf)9	09:40:35	1.0	Surface	1	1	17.72	7.86	22.11	92.3	7.7	5.5	4.5
HKLR	HY/2011/03	2016-03-28	Mid-Flood	Sunny	IS(Mf)9	09:40:19	1.0	Surface	1	2	17.72	7.86	21.94	93.3	7.78	5.5	4.6
HKLR	HY/2011/03	2016-03-28	Mid-Flood	Sunny	IS(Mf)9	09:40:26	2.6	Bottom	3	1	17.72	7.86	22.25	92.9	7.74	5.5	5.3
HKLR	HY/2011/03	2016-03-28	Mid-Flood	Sunny	IS(Mf)9	09:40:11	2.6	Bottom	3	2	17.72	7.85	22.91	94.1	7.81	5.6	4.6
HKLR	HY/2011/03	2016-03-28	Mid-Flood	Sunny	IS10	08:54:34	1.0	Surface	1	1	17.7	7.79	24.68	85	7.08	4.4	4.8
HKLR	HY/2011/03	2016-03-28	Mid-Flood	Sunny	IS10	08:53:26	1.0	Surface	1	2	17.68	7.79	24.56	84.9	7.04	4.5	4.2

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2016-03-28	Mid-Flood	Sunny	IS10	08:53:04	5.2	Middle	2	1	17.61	7.78	27.1	84.2	6.89	5.4	7
HKLR	HY/2011/03	2016-03-28	Mid-Flood	Sunny	IS10	08:54:08	5.2	Middle	2	2	17.6	7.78	27.15	83.9	6.89	5.5	5.1
HKLR	HY/2011/03	2016-03-28	Mid-Flood	Sunny	IS10	08:52:48	9.4	Bottom	3	1	17.61	7.77	27.26	83.6	6.83	5.8	7.3
HKLR	HY/2011/03	2016-03-28	Mid-Flood	Sunny	IS10	08:53:45	9.4	Bottom	3	2	17.61	7.77	27.32	82.7	6.79	5.6	7.7
HKLR	HY/2011/03	2016-03-28	Mid-Flood	Sunny	SR3	10:16:04	0.7	Middle	2	1	17.8	7.89	22.38	93.6	7.78	3.7	5
HKLR	HY/2011/03	2016-03-28	Mid-Flood	Sunny	SR3	10:16:10	0.7	Middle	2	2	17.8	7.89	22.4	93.8	7.79	3.8	6.3
HKLR	HY/2011/03	2016-03-28	Mid-Flood	Sunny	SR4	09:28:50	1.0	Surface	1	1	17.79	7.87	22.29	90.8	7.55	3.6	4.8
HKLR	HY/2011/03	2016-03-28	Mid-Flood	Sunny	SR4	09:29:05	1.0	Surface	1	2	17.79	7.87	22.37	90.6	7.53	3.5	6.5
HKLR	HY/2011/03	2016-03-28	Mid-Flood	Sunny	SR4	09:28:57	2.6	Bottom	3	1	17.79	7.86	22.62	90.7	7.53	3.6	6.1
HKLR	HY/2011/03	2016-03-28	Mid-Flood	Sunny	SR4	09:28:41	2.6	Bottom	3	2	17.8	7.87	22.49	90.7	7.54	3.6	6.9
HKLR	HY/2011/03	2016-03-28	Mid-Flood	Sunny	SR5	09:06:19	1.0	Surface	1	1	17.71	7.78	24.82	85.5	7.19	3.8	6.4
HKLR	HY/2011/03	2016-03-28	Mid-Flood	Sunny	SR5	09:07:02	1.0	Surface	1	2	17.7	7.78	24.88	85.7	7.22	3.9	6.5
HKLR	HY/2011/03	2016-03-28	Mid-Flood	Sunny	SR5	09:06:42	4.2	Bottom	3	1	17.63	7.77	26.12	85.8	7.18	4.6	6
HKLR	HY/2011/03	2016-03-28	Mid-Flood	Sunny	SR5	09:05:58	4.2	Bottom	3	2	17.64	7.77	26.26	85.6	7.14	4.5	7.2
HKLR	HY/2011/03	2016-03-28	Mid-Flood	Sunny	SR10A	08:28:02	1.0	Surface	1	1	17.6	7.92	23.99	89.7	7.41	2.3	4.8
HKLR	HY/2011/03	2016-03-28	Mid-Flood	Sunny	SR10A	08:27:42	1.0	Surface	1	2	17.6	7.93	23.76	89.7	7.42	2.3	5.5
HKLR	HY/2011/03	2016-03-28	Mid-Flood	Sunny	SR10A	08:27:55	3.4	Middle	2	1	17.52	7.9	26.14	89.5	7.31	2.4	4.8
HKLR	HY/2011/03	2016-03-28	Mid-Flood	Sunny	SR10A	08:27:34	3.4	Middle	2	2	17.52	7.9	26.17	89.4	7.3	2.4	4.2
HKLR	HY/2011/03	2016-03-28	Mid-Flood	Sunny	SR10A	08:27:48	5.7	Bottom	3	1	17.6	7.9	27	89.5	7.26	2.4	2.8
HKLR	HY/2011/03	2016-03-28	Mid-Flood	Sunny	SR10A	08:27:26	5.7	Bottom	3	2	17.59	7.9	27	89.4	7.26	2.5	3.9
HKLR	HY/2011/03	2016-03-28	Mid-Flood	Sunny	SR10B	08:17:49	1.0	Surface	1	1	17.62	7.94	23.56	90.1	7.47	2.2	5.3
HKLR	HY/2011/03	2016-03-28	Mid-Flood	Sunny	SR10B	08:17:34	1.0	Surface	1	2	17.59	7.94	23.91	90.3	7.46	2.2	4.4
HKLR	HY/2011/03	2016-03-28	Mid-Flood	Sunny	SR10B	08:17:26	4.2	Bottom	3	1	17.58	7.92	26.28	90.2	7.36	2.3	3.5
HKLR	HY/2011/03	2016-03-28	Mid-Flood	Sunny	SR10B	08:17:40	4.2	Bottom	3	2	17.59	7.92	26.35	90	7.34	2.2	4.3
HKLR	HY/2011/03	2016-03-28	Mid-Flood	Sunny	CS2	10:08:23	1.0	Surface	1	1	17.8	7.81	25.5	87	7.48	3.9	8.3
HKLR	HY/2011/03	2016-03-28	Mid-Flood	Sunny	CS2	10:07:43	1.0	Surface	1	2	17.81	7.8	25.48	86.7	7.45	4.1	8.1
HKLR	HY/2011/03	2016-03-28	Mid-Flood	Sunny	CS2	10:08:11	4.0	Middle	2	1	17.77	7.8	26.15	85.9	7.35	4.8	6.9
HKLR	HY/2011/03	2016-03-28	Mid-Flood	Sunny	CS2	10:07:32	4.0	Middle	2	2	17.77	7.8	26.21	85.8	7.36	4.6	5.8
HKLR	HY/2011/03	2016-03-28	Mid-Flood	Sunny	CS2	10:07:19	7.0	Bottom	3	1	17.73	7.79	26.58	84.5	7.24	5.1	6.4
HKLR	HY/2011/03	2016-03-28	Mid-Flood	Sunny	CS2	10:07:58	7.0	Bottom	3	2	17.72	7.8	26.57	84.7	7.26	5.3	7.3
HKLR	HY/2011/03	2016-03-28	Mid-Flood	Sunny	CS(Mf)5	08:57:07	1.0	Surface	1	1	17.51	7.92	25.69	88.9	7.29	3.5	4.1
HKLR	HY/2011/03	2016-03-28	Mid-Flood	Sunny	CS(Mf)5	08:57:53	1.0	Surface	1	2	17.5	7.92	25.87	88.8	7.27	3.6	5.2
HKLR	HY/2011/03	2016-03-28	Mid-Flood	Sunny	CS(Mf)5	08:57:00	6.1	Middle	2	1	17.46	7.89	27.58	88.5	7.18	3.6	2.6
HKLR	HY/2011/03	2016-03-28	Mid-Flood	Sunny	CS(Mf)5	08:57:45	6.1	Middle	2	2	17.45	7.9	27.65	88.4	7.17	3.6	4.3
HKLR	HY/2011/03	2016-03-28	Mid-Flood	Sunny	CS(Mf)5	08:57:34	11.2	Bottom	3	1	17.45	7.9	27.76	88.3	7.16	3.7	3.7
HKLR	HY/2011/03	2016-03-28	Mid-Flood	Sunny	CS(Mf)5	08:56:48	11.2	Bottom	3	2	17.46	7.89	27.75	88.5	7.17	3.7	4.2
HKLR	HY/2011/03	2016-03-30	Mid-Ebb	Cloudy	IS5	16:02:19	1.0	Surface	1	1	18.21	7.99	26.85	103.2	8.29	6.4	5.4
HKLR	HY/2011/03	2016-03-30	Mid-Ebb	Cloudy	IS5	16:01:50	1.0	Surface	1	2	18.23	8	26.76	103.7	8.33	6.5	5.5
HKLR	HY/2011/03	2016-03-30	Mid-Ebb	Cloudy	IS5	16:01:40	4.1	Middle	2	1	18.04	7.99	27.21	103.3	8.27	6.2	6.7
HKLR	HY/2011/03	2016-03-30	Mid-Ebb	Cloudy	IS5	16:02:10	4.1	Middle	2	2	18	7.98	27.24	102.3	8.24	6.6	6
HKLR	HY/2011/03	2016-03-30	Mid-Ebb	Cloudy	IS5	16:02:02	7.2	Bottom	3	1	17.94	7.97	28.54	103.2	8.23	6.5	6.1
HKLR	HY/2011/03	2016-03-30	Mid-Ebb	Cloudy	IS5	16:01:32	7.2	Bottom	3	2	18.08	7.99	28.34	102.8	8.24	6.5	5.4
HKLR	HY/2011/03	2016-03-30	Mid-Ebb	Cloudy	IS(Mf)6	16:08:59	1.0	Surface	1	1	18.21	7.96	26.45	107.5	8.65	4.7	4.8
HKLR	HY/2011/03	2016-03-30	Mid-Ebb	Cloudy	IS(Mf)6	16:08:13	1.0	Surface	1	2	18.22	7.97	26.47	106.6	8.57	4.6	4.1
HKLR	HY/2011/03	2016-03-30	Mid-Ebb	Cloudy	IS(Mf)6	16:08:20	2.2	Bottom	3	1	18.22	7.97	26.49	106.9	8.6	4.7	3.7
HKLR	HY/2011/03	2016-03-30	Mid-Ebb	Cloudy	IS(Mf)6	16:08:05	2.2	Bottom	3	2	18.23	7.97	26.46	106	8.53	4.6	4.9
HKLR	HY/2011/03	2016-03-30	Mid-Ebb	Cloudy	IS7	16:17:18	1.0	Surface	1	1	18.19	7.96	26.52	106.2	8.55	5.2	4.5
HKLR	HY/2011/03	2016-03-30	Mid-Ebb	Cloudy	IS7	16:17:05	1.0	Surface	1	2	18.19	7.96	26.55	106.1	8.53	4.8	5.4
HKLR	HY/2011/03	2016-03-30	Mid-Ebb	Cloudy	IS7	16:17:10	2.2	Bottom	3	1	18.19	7.96	26.56	106.1	8.54	5.1	4.3
HKLR	HY/2011/03	2016-03-30	Mid-Ebb	Cloudy	IS7	16:16:56	2.2	Bottom	3	2	18.17	7.96	26.64	105.9	8.52	4.9	4.6
HKLR	HY/2011/03	2016-03-30	Mid-Ebb	Cloudy	IS8	16:39:50	1.0	Surface	1	1	18.52	7.98	24.85	112.1	9.05	4	2.9
HKLR	HY/2011/03	2016-03-30	Mid-Ebb	Cloudy	IS8	16:39:35	1.0	Surface	1	2	18.53	7.98	24.85	111.3	8.99	3.9	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	2016-03-30	Mid-Ebb	Cloudy	IS8	16:39:40	2.8	Bottom	3	1	18.5	7.98	24.91	111.5	9.01	4	4.2
HKLR	HY/2011/03	2016-03-30	Mid-Ebb	Cloudy	IS8	16:39:25	2.8	Bottom	3	2	18.5	7.98	24.94	110.4	8.92	4	3.9
HKLR	HY/2011/03	2016-03-30	Mid-Ebb	Cloudy	IS(Mf)9	16:27:06	1.0	Surface	1	1	18.4	7.97	25.24	109.8	8.87	4.2	2.2
HKLR	HY/2011/03	2016-03-30	Mid-Ebb	Cloudy	IS(Mf)9	16:27:33	1.0	Surface	1	2	18.33	7.97	25.32	109.8	8.88	4.1	3.6
HKLR	HY/2011/03	2016-03-30	Mid-Ebb	Cloudy	IS(Mf)9	16:27:26	2.7	Bottom	3	1	18.16	7.96	25.56	109.8	8.89	4.2	4.8
HKLR	HY/2011/03	2016-03-30	Mid-Ebb	Cloudy	IS(Mf)9	16:26:56	2.7	Bottom	3	2	18.29	7.96	25.46	108.9	8.8	4.1	3.4
HKLR	HY/2011/03	2016-03-30	Mid-Ebb	Cloudy	IS10	16:56:34	1.0	Surface	1	1	18.82	7.91	18.34	108.1	9.04	1.9	2.4
HKLR	HY/2011/03	2016-03-30	Mid-Ebb	Cloudy	IS10	16:57:14	1.0	Surface	1	2	18.86	7.88	16.81	108.7	9.07	2.1	3.4
HKLR	HY/2011/03	2016-03-30	Mid-Ebb	Cloudy	IS10	16:56:49	5.2	Middle	2	1	18.85	7.91	18.14	108.1	9.04	2.2	2
HKLR	HY/2011/03	2016-03-30	Mid-Ebb	Cloudy	IS10	16:56:27	5.2	Middle	2	2	18.85	7.91	18.01	107.9	9.01	2.1	2.2
HKLR	HY/2011/03	2016-03-30	Mid-Ebb	Cloudy	IS10	16:56:42	9.4	Bottom	3	1	18.78	7.91	18.47	108.3	8.99	2.3	3
HKLR	HY/2011/03	2016-03-30	Mid-Ebb	Cloudy	IS10	16:56:20	9.4	Bottom	3	2	18.83	7.91	18.07	108.3	8.99	2.2	2.4
HKLR	HY/2011/03	2016-03-30	Mid-Ebb	Cloudy	SR3	15:51:58	0.7	Middle	2	1	18.32	8.06	26.42	105.2	8.45	5	4.5
HKLR	HY/2011/03	2016-03-30	Mid-Ebb	Cloudy	SR3	15:52:04	0.7	Middle	2	2	18.32	8.06	26.45	105.8	8.5	5	3.3
HKLR	HY/2011/03	2016-03-30	Mid-Ebb	Cloudy	SR4	16:33:26	1.0	Surface	1	1	18.3	7.97	25.14	107.9	8.74	4.3	4.6
HKLR	HY/2011/03	2016-03-30	Mid-Ebb	Cloudy	SR4	16:33:07	1.0	Surface	1	2	18.43	7.98	25.03	108.7	8.79	4.2	3.2
HKLR	HY/2011/03	2016-03-30	Mid-Ebb	Cloudy	SR4	16:32:59	2.7	Bottom	3	1	18.19	7.97	25.33	108.4	8.79	4.2	3.9
HKLR	HY/2011/03	2016-03-30	Mid-Ebb	Cloudy	SR4	16:33:20	2.7	Bottom	3	2	18.18	7.97	25.36	108.3	8.77	4.2	4.5
HKLR	HY/2011/03	2016-03-30	Mid-Ebb	Cloudy	SR5	16:43:03	1.0	Surface	1	1	18.82	7.9	21.13	107.1	8.81	2	2.4
HKLR	HY/2011/03	2016-03-30	Mid-Ebb	Cloudy	SR5	16:43:23	1.0	Surface	1	2	18.83	7.9	20.58	107.7	8.87	2.1	3.1
HKLR	HY/2011/03	2016-03-30	Mid-Ebb	Cloudy	SR5	16:42:53	4.0	Bottom	3	1	18.82	7.9	21.61	106.3	8.69	2.1	2.8
HKLR	HY/2011/03	2016-03-30	Mid-Ebb	Cloudy	SR5	16:43:15	4.0	Bottom	3	2	18.8	7.9	20.95	107	8.76	2.2	2.8
HKLR	HY/2011/03	2016-03-30	Mid-Ebb	Cloudy	SR10A	17:51:26	1.0	Surface	1	1	18.2	7.95	24.45	101.5	8.22	2.5	2.8
HKLR	HY/2011/03	2016-03-30	Mid-Ebb	Cloudy	SR10A	17:51:49	1.0	Surface	1	2	18.12	7.94	24.9	101.2	8.2	2.5	3.1
HKLR	HY/2011/03	2016-03-30	Mid-Ebb	Cloudy	SR10A	17:51:43	3.3	Middle	2	1	18.02	7.93	25.51	100.7	8.19	2.6	3.3
HKLR	HY/2011/03	2016-03-30	Mid-Ebb	Cloudy	SR10A	17:51:17	3.3	Middle	2	2	18.03	7.93	25.51	100.9	8.17	2.6	4
HKLR	HY/2011/03	2016-03-30	Mid-Ebb	Cloudy	SR10A	17:51:35	5.5	Bottom	3	1	18.1	7.93	25.61	100.6	8.17	2.6	2.4
HKLR	HY/2011/03	2016-03-30	Mid-Ebb	Cloudy	SR10A	17:51:09	5.5	Bottom	3	2	18.14	7.94	25.58	100.5	8.16	2.6	3.5
HKLR	HY/2011/03	2016-03-30	Mid-Ebb	Cloudy	SR10B	18:00:58	1.0	Surface	1	1	18.16	7.94	24.75	101.8	8.29	2.6	3.1
HKLR	HY/2011/03	2016-03-30	Mid-Ebb	Cloudy	SR10B	18:01:16	1.0	Surface	1	2	18.23	7.94	24.53	102.4	8.33	2.5	2.4
HKLR	HY/2011/03	2016-03-30	Mid-Ebb	Cloudy	SR10B	18:01:06	3.8	Bottom	3	1	18.17	7.94	24.95	102	8.29	2.7	3.5
HKLR	HY/2011/03	2016-03-30	Mid-Ebb	Cloudy	SR10B	18:00:51	3.8	Bottom	3	2	18.18	7.94	24.94	101.7	8.26	2.6	2.7
HKLR	HY/2011/03	2016-03-30	Mid-Ebb	Cloudy	CS2	15:30:52	1.0	Surface	1	1	18.48	7.89	23.01	101.1	8.26	1.4	2.8
HKLR	HY/2011/03	2016-03-30	Mid-Ebb	Cloudy	CS2	15:31:25	1.0	Surface	1	2	18.51	7.9	22.71	101.6	8.32	1.5	2.7
HKLR	HY/2011/03	2016-03-30	Mid-Ebb	Cloudy	CS2	15:30:41	3.9	Middle	2	1	18.3	7.88	23.7	100.8	8.22	1.6	2.8
HKLR	HY/2011/03	2016-03-30	Mid-Ebb	Cloudy	CS2	15:31:16	3.9	Middle	2	2	18.47	7.89	22.99	100.9	8.23	1.7	2.7
HKLR	HY/2011/03	2016-03-30	Mid-Ebb	Cloudy	CS2	15:31:04	6.8	Bottom	3	1	18.32	7.88	23.86	100.5	8.18	1.9	4.2
HKLR	HY/2011/03	2016-03-30	Mid-Ebb	Cloudy	CS2	15:30:26	6.8	Bottom	3	2	17.73	7.7	29.63	100.2	8.19	1.9	3
HKLR	HY/2011/03	2016-03-30	Mid-Ebb	Cloudy	CS(Mf)5	17:19:51	1.0	Surface	1	1	18.45	7.97	23.28	98	8	2.6	3.4
HKLR	HY/2011/03	2016-03-30	Mid-Ebb	Cloudy	CS(Mf)5	17:18:47	1.0	Surface	1	2	18.25	7.96	23.56	98.1	8.03	2.5	2.2
HKLR	HY/2011/03	2016-03-30	Mid-Ebb	Cloudy	CS(Mf)5	17:18:38	6.3	Middle	2	1	17.8	7.92	26.09	97.8	7.85	3.4	3.5
HKLR	HY/2011/03	2016-03-30	Mid-Ebb	Cloudy	CS(Mf)5	17:19:39	6.3	Middle	2	2	17.74	7.93	26.06	94.2	7.65	3.3	2.5
HKLR	HY/2011/03	2016-03-30	Mid-Ebb	Cloudy	CS(Mf)5	17:18:29	11.5	Bottom	3	1	17.63	7.89	29.15	96.6	7.83	3.1	4.3
HKLR	HY/2011/03	2016-03-30	Mid-Ebb	Cloudy	CS(Mf)5	17:19:30	11.5	Bottom	3	2	17.51	7.89	29.49	93.9	7.55	3.2	3.6
HKLR	HY/2011/03	2016-03-30	Mid-Flood	Sunny	IS5	10:58:29	1.0	Surface	1	1	17.92	7.91	23.68	98.9	8.14	5.2	6.3
HKLR	HY/2011/03	2016-03-30	Mid-Flood	Sunny	IS5	10:58:56	1.0	Surface	1	2	17.92	7.91	23.7	98.9	8.13	5.1	5.2
HKLR	HY/2011/03	2016-03-30	Mid-Flood	Sunny	IS5	10:58:20	4.4	Middle	2	1	17.86	7.91	23.88	98.8	8.09	5	5.5
HKLR	HY/2011/03	2016-03-30	Mid-Flood	Sunny	IS5	10:58:48	4.4	Middle	2	2	17.85	7.91	23.89	98.8	8.09	5.5	6.1
HKLR	HY/2011/03	2016-03-30	Mid-Flood	Sunny	IS5	10:58:12	7.7	Bottom	3	1	17.84	7.9	25.47	98.4	8.05	5.2	5
HKLR	HY/2011/03	2016-03-30	Mid-Flood	Sunny	IS5	10:58:40	7.7	Bottom	3	2	17.84	7.89	25.54	98.3	8.06	5.5	5.1
HKLR	HY/2011/03	2016-03-30	Mid-Flood	Sunny	IS(Mf)6	10:48:50	1.0	Surface	1	1	17.98	7.92	23.63	101.7	8.36	3.4	2.3
HKLR	HY/2011/03	2016-03-30	Mid-Flood	Sunny	IS(Mf)6	10:49:06	1.0	Surface	1	2	17.95	7.92	23.66	101.8	8.37	3.4	3.7

Project	Works	Date (yyyy-mm-dd)	Tide	Weather Condition	Station	Time	Depth, m	Level	Level_Code	Replicate	Temperature, °C	pH	Salinity, ppt	DO, %	DO, mg/L	Turbidity, NTU	SS, mg/L
HKLR	HY/2011/03	2016-03-30	Mid-Flood	Sunny	IS(Mf)6	10:48:59	2.1	Bottom	3	1	17.94	7.92	23.68	101.8	8.37	3.4	2.3
HKLR	HY/2011/03	2016-03-30	Mid-Flood	Sunny	IS(Mf)6	10:48:43	2.1	Bottom	3	2	17.97	7.92	23.66	101.4	8.34	3.4	2.9
HKLR	HY/2011/03	2016-03-30	Mid-Flood	Sunny	IS7	10:37:23	1.0	Surface	1	1	18.09	7.92	23.5	104	8.54	3.9	4.1
HKLR	HY/2011/03	2016-03-30	Mid-Flood	Sunny	IS7	10:37:41	1.0	Surface	1	2	18.1	7.92	23.5	104.4	8.57	3.8	3.9
HKLR	HY/2011/03	2016-03-30	Mid-Flood	Sunny	IS7	10:37:30	2.2	Bottom	3	1	18.1	7.92	23.51	104.2	8.55	3.9	2.7
HKLR	HY/2011/03	2016-03-30	Mid-Flood	Sunny	IS7	10:37:13	2.2	Bottom	3	2	18.05	7.92	23.54	103.6	8.51	4	3.1
HKLR	HY/2011/03	2016-03-30	Mid-Flood	Sunny	IS8	10:14:51	1.0	Surface	1	1	18.03	7.9	23.16	97.6	8.04	10.4	4.7
HKLR	HY/2011/03	2016-03-30	Mid-Flood	Sunny	IS8	10:15:07	1.0	Surface	1	2	18.01	7.89	23.27	97.7	8.05	10.6	5
HKLR	HY/2011/03	2016-03-30	Mid-Flood	Sunny	IS8	10:14:58	3.1	Bottom	3	1	17.99	7.89	23.54	97.7	8.03	11.1	5
HKLR	HY/2011/03	2016-03-30	Mid-Flood	Sunny	IS8	10:14:42	3.1	Bottom	3	2	17.93	7.89	23.73	97.4	8.01	10.5	4.8
HKLR	HY/2011/03	2016-03-30	Mid-Flood	Sunny	IS(Mf)9	10:29:36	1.0	Surface	1	1	18.07	7.91	23.52	103.3	8.48	3.9	2.5
HKLR	HY/2011/03	2016-03-30	Mid-Flood	Sunny	IS(Mf)9	10:29:22	1.0	Surface	1	2	17.98	7.91	23.59	102.5	8.43	3.9	4.4
HKLR	HY/2011/03	2016-03-30	Mid-Flood	Sunny	IS(Mf)9	10:29:28	2.6	Bottom	3	1	18.04	7.91	23.56	102.7	8.43	3.9	4.2
HKLR	HY/2011/03	2016-03-30	Mid-Flood	Sunny	IS(Mf)9	10:29:15	2.6	Bottom	3	2	17.96	7.91	23.65	102.1	8.4	3.9	3.9
HKLR	HY/2011/03	2016-03-30	Mid-Flood	Sunny	IS10	10:18:16	1.0	Surface	1	1	18.44	7.83	23.11	96.5	7.89	2	3.7
HKLR	HY/2011/03	2016-03-30	Mid-Flood	Sunny	IS10	10:17:39	1.0	Surface	1	2	18	7.83	24.48	96.1	7.77	2.1	2.8
HKLR	HY/2011/03	2016-03-30	Mid-Flood	Sunny	IS10	10:17:30	5.3	Middle	2	1	17.89	7.81	26.31	95	7.69	2.2	2.1
HKLR	HY/2011/03	2016-03-30	Mid-Flood	Sunny	IS10	10:18:06	5.3	Middle	2	2	17.97	7.81	24.91	95.1	7.71	2.1	2.5
HKLR	HY/2011/03	2016-03-30	Mid-Flood	Sunny	IS10	10:17:57	9.6	Bottom	3	1	17.91	7.78	26.23	94.5	7.66	2.2	2.6
HKLR	HY/2011/03	2016-03-30	Mid-Flood	Sunny	IS10	10:17:20	9.6	Bottom	3	2	17.94	7.81	26.08	94.7	7.65	2.3	2.2
HKLR	HY/2011/03	2016-03-30	Mid-Flood	Sunny	SR3	11:05:43	0.7	Middle	2	1	17.94	7.91	23.58	101	8.31	4.3	3.9
HKLR	HY/2011/03	2016-03-30	Mid-Flood	Sunny	SR3	11:05:37	0.7	Middle	2	2	17.94	7.91	23.62	100.9	8.3	4.2	4.9
HKLR	HY/2011/03	2016-03-30	Mid-Flood	Sunny	SR4	10:19:35	1.0	Surface	1	1	18.05	7.89	23.14	98.6	8.12	8.6	4.9
HKLR	HY/2011/03	2016-03-30	Mid-Flood	Sunny	SR4	10:19:23	1.0	Surface	1	2	18.05	7.89	23.13	98.3	8.1	8.9	5
HKLR	HY/2011/03	2016-03-30	Mid-Flood	Sunny	SR4	10:19:29	2.6	Bottom	3	1	18.03	7.89	23.39	98.3	8.09	8.7	5
HKLR	HY/2011/03	2016-03-30	Mid-Flood	Sunny	SR4	10:19:15	2.6	Bottom	3	2	17.99	7.89	23.48	98.1	8.07	8.9	4.5
HKLR	HY/2011/03	2016-03-30	Mid-Flood	Sunny	SR5	10:27:14	1.0	Surface	1	1	18.15	7.82	24.06	96.6	7.9	1.8	4.1
HKLR	HY/2011/03	2016-03-30	Mid-Flood	Sunny	SR5	10:26:59	1.0	Surface	1	2	18.18	7.82	24.4	96.6	7.87	1.8	2.7
HKLR	HY/2011/03	2016-03-30	Mid-Flood	Sunny	SR5	10:26:48	4.0	Bottom	3	1	18.1	7.82	25.09	95.8	7.8	2	3.3
HKLR	HY/2011/03	2016-03-30	Mid-Flood	Sunny	SR5	10:27:07	4.0	Bottom	3	2	18.16	7.82	24.75	96.3	7.83	1.9	2.7
HKLR	HY/2011/03	2016-03-30	Mid-Flood	Sunny	SR10A	09:11:14	1.0	Surface	1	1	17.96	7.82	22.39	94.6	7.84	2.2	2.8
HKLR	HY/2011/03	2016-03-30	Mid-Flood	Sunny	SR10A	09:10:47	1.0	Surface	1	2	17.96	7.82	22.24	95.8	7.86	2.2	2.4
HKLR	HY/2011/03	2016-03-30	Mid-Flood	Sunny	SR10A	09:11:05	3.3	Middle	2	1	17.79	7.8	23.7	94.3	7.76	2.3	2.3
HKLR	HY/2011/03	2016-03-30	Mid-Flood	Sunny	SR10A	09:10:38	3.3	Middle	2	2	17.79	7.79	23.76	95.1	7.78	2.2	4
HKLR	HY/2011/03	2016-03-30	Mid-Flood	Sunny	SR10A	09:10:26	5.5	Bottom	3	1	17.87	7.78	24.76	94.4	7.78	2.3	2.9
HKLR	HY/2011/03	2016-03-30	Mid-Flood	Sunny	SR10A	09:10:57	5.5	Bottom	3	2	17.81	7.79	24.4	94.1	7.76	2.2	3.7
HKLR	HY/2011/03	2016-03-30	Mid-Flood	Sunny	SR10B	09:01:36	1.0	Surface	1	1	17.95	7.75	22.24	95.1	7.89	2.2	2.7
HKLR	HY/2011/03	2016-03-30	Mid-Flood	Sunny	SR10B	09:01:56	1.0	Surface	1	2	18.05	7.77	21.76	95.7	7.94	2.2	2.1
HKLR	HY/2011/03	2016-03-30	Mid-Flood	Sunny	SR10B	09:01:28	4.5	Bottom	3	1	17.91	7.73	23.69	94.8	7.8	2.2	4
HKLR	HY/2011/03	2016-03-30	Mid-Flood	Sunny	SR10B	09:01:45	4.5	Bottom	3	2	17.87	7.74	23.56	95.1	7.84	2.2	2.3
HKLR	HY/2011/03	2016-03-30	Mid-Flood	Sunny	CS2	11:43:24	1.0	Surface	1	1	18.12	7.83	22.71	92.6	7.64	2.3	3.1
HKLR	HY/2011/03	2016-03-30	Mid-Flood	Sunny	CS2	11:43:44	1.0	Surface	1	2	18.02	7.82	23.77	92.3	7.57	2.2	4.1
HKLR	HY/2011/03	2016-03-30	Mid-Flood	Sunny	CS2	11:43:17	4.0	Middle	2	1	17.77	7.8	25.83	91.9	7.49	2.5	2.2
HKLR	HY/2011/03	2016-03-30	Mid-Flood	Sunny	CS2	11:43:39	4.0	Middle	2	2	17.87	7.8	25.95	92.2	7.49	2.4	2.2
HKLR	HY/2011/03	2016-03-30	Mid-Flood	Sunny	CS2	11:43:32	6.9	Bottom	3	1	18.19	7.8	27.53	92.8	7.42	2.7	3
HKLR	HY/2011/03	2016-03-30	Mid-Flood	Sunny	CS2	11:43:10	6.9	Bottom	3	2	17.74	7.76	27.95	92.4	7.44	2.7	2.7
HKLR	HY/2011/03	2016-03-30	Mid-Flood	Sunny	CS(Mf)5	09:43:50	1.0	Surface	1	1	17.98	7.89	22.79	93.1	7.7	2.6	2.1
HKLR	HY/2011/03	2016-03-30	Mid-Flood	Sunny	CS(Mf)5	09:42:31	1.0	Surface	1	2	17.91	7.87	22.79	93.6	7.75	2.6	2.4
HKLR	HY/2011/03	2016-03-30	Mid-Flood	Sunny	CS(Mf)5	09:43:38	6.2	Middle	2	1	17.69	7.86	25.37	91.8	7.51	2.8	3
HKLR	HY/2011/03	2016-03-30	Mid-Flood	Sunny	CS(Mf)5	09:42:19	6.2	Middle	2	2	17.64	7.83	25.29	93.1	7.6	2.7	3.2
HKLR	HY/2011/03	2016-03-30	Mid-Flood	Sunny	CS(Mf)5	09:43:25	11.4	Bottom	3	1	17.49	7.83	27.82	91.4	7.4	3.1	3.9
HKLR	HY/2011/03	2016-03-30	Mid-Flood	Sunny	CS(Mf)5	09:42:09	11.4	Bottom	3	2	17.63	7.8	27.48	92.8	7.53	3.1	3.7


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
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16
05-Mar-16
10-Mar-16
15-Mar-16
20-Mar-16
25-Mar-16
30-Mar-16
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
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16
05-Mar-16
10-Mar-16
15-Mar-16
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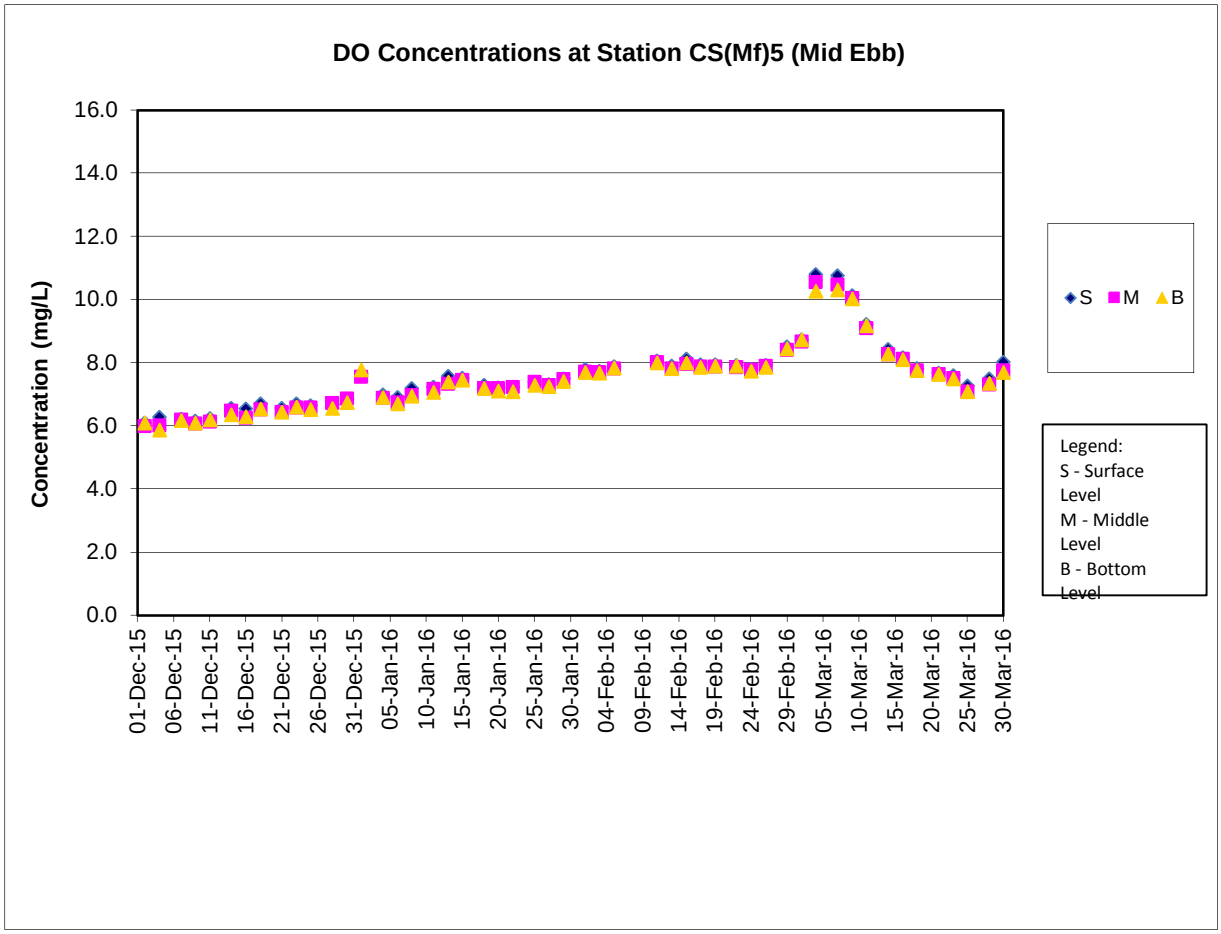
25-Mar-16
30-Mar-16
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


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
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16
05-Mar-16
10-Mar-16
15-Mar-16
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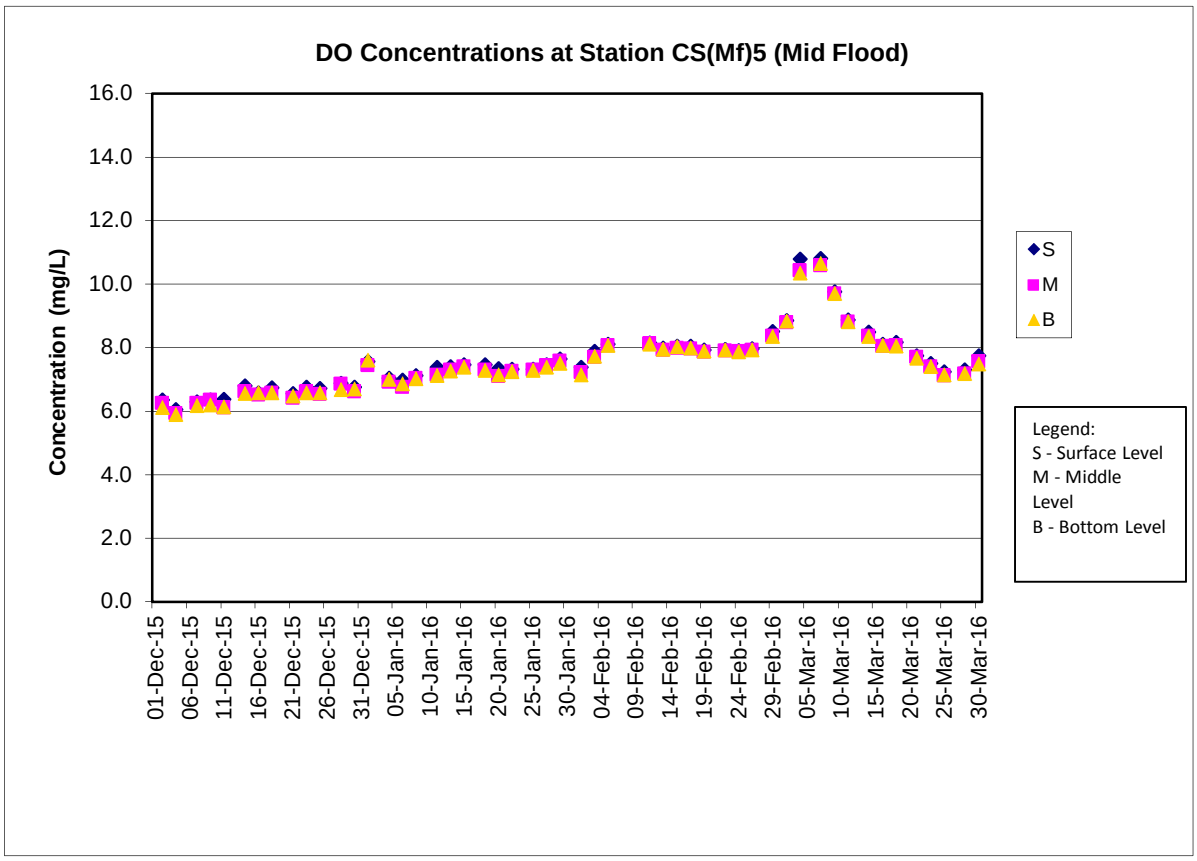
25-Mar-16
30-Mar-16
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


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
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16
05-Mar-16
10-Mar-16
15-Mar-16
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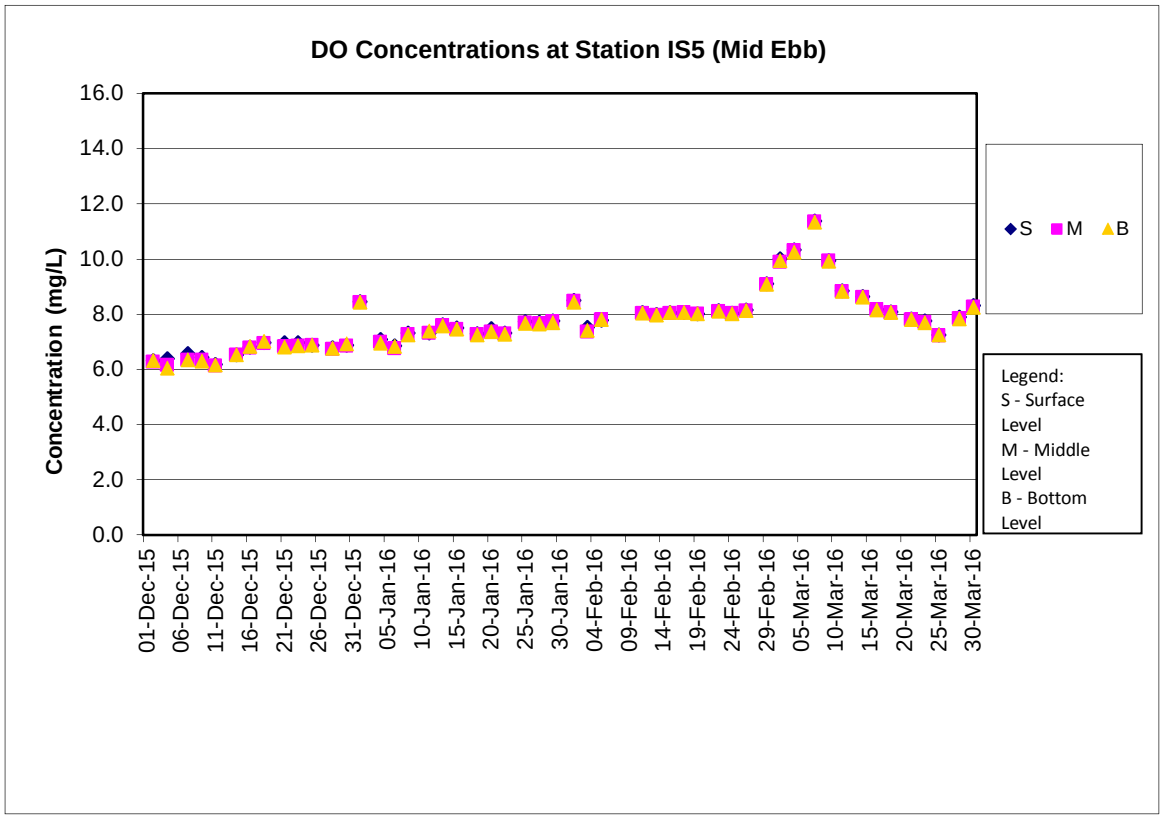
25-Mar-16
30-Mar-16
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


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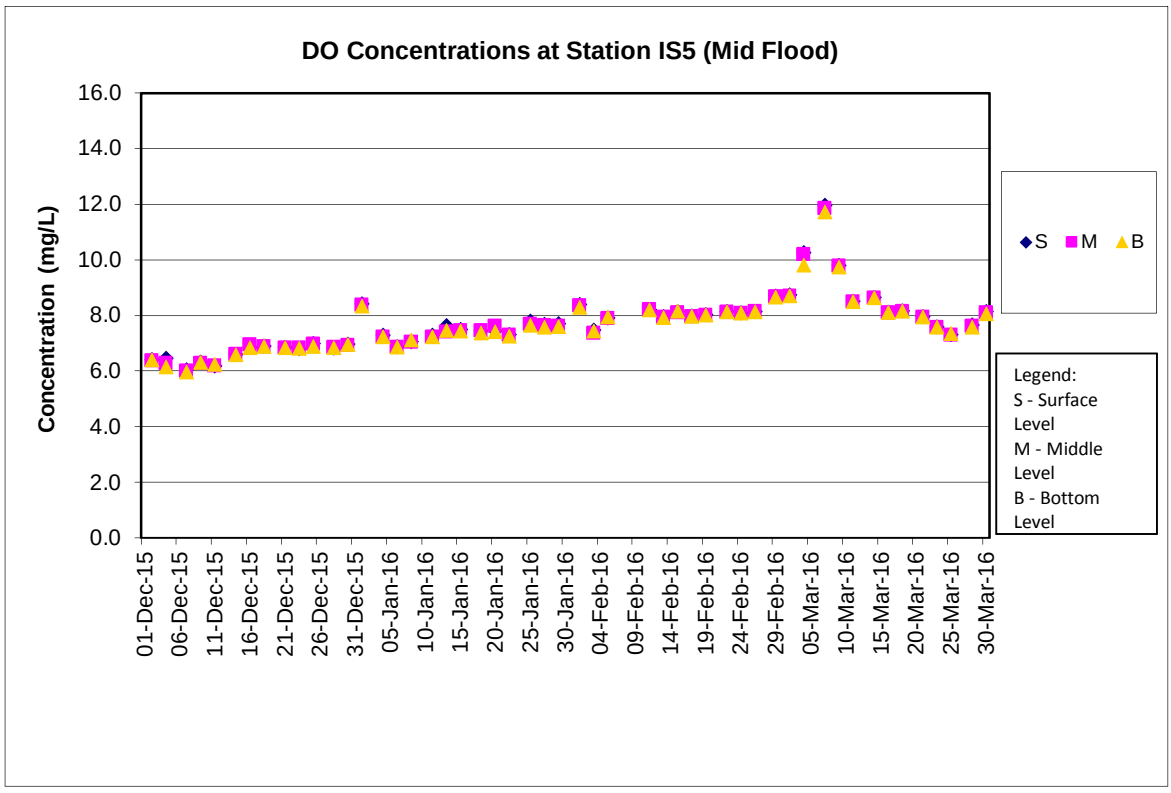
25-Mar-16
30-Mar-16
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


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
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16
05-Mar-16
10-Mar-16
15-Mar-16
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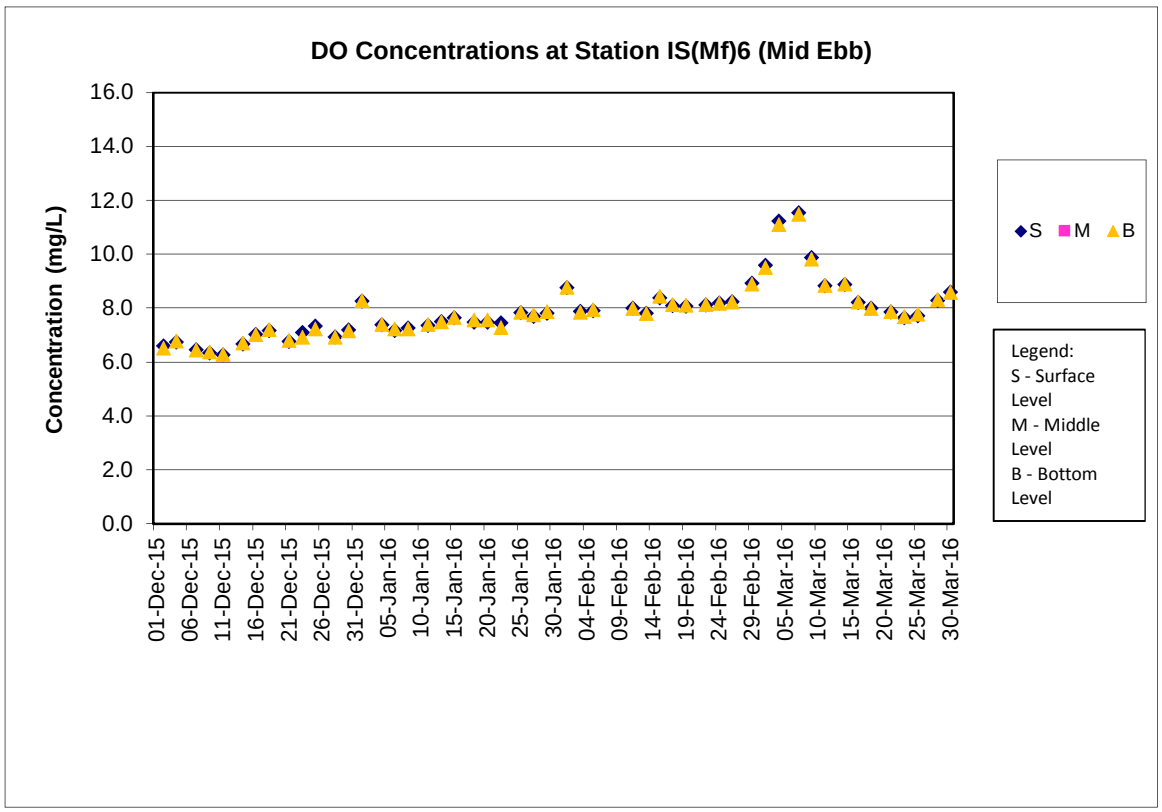
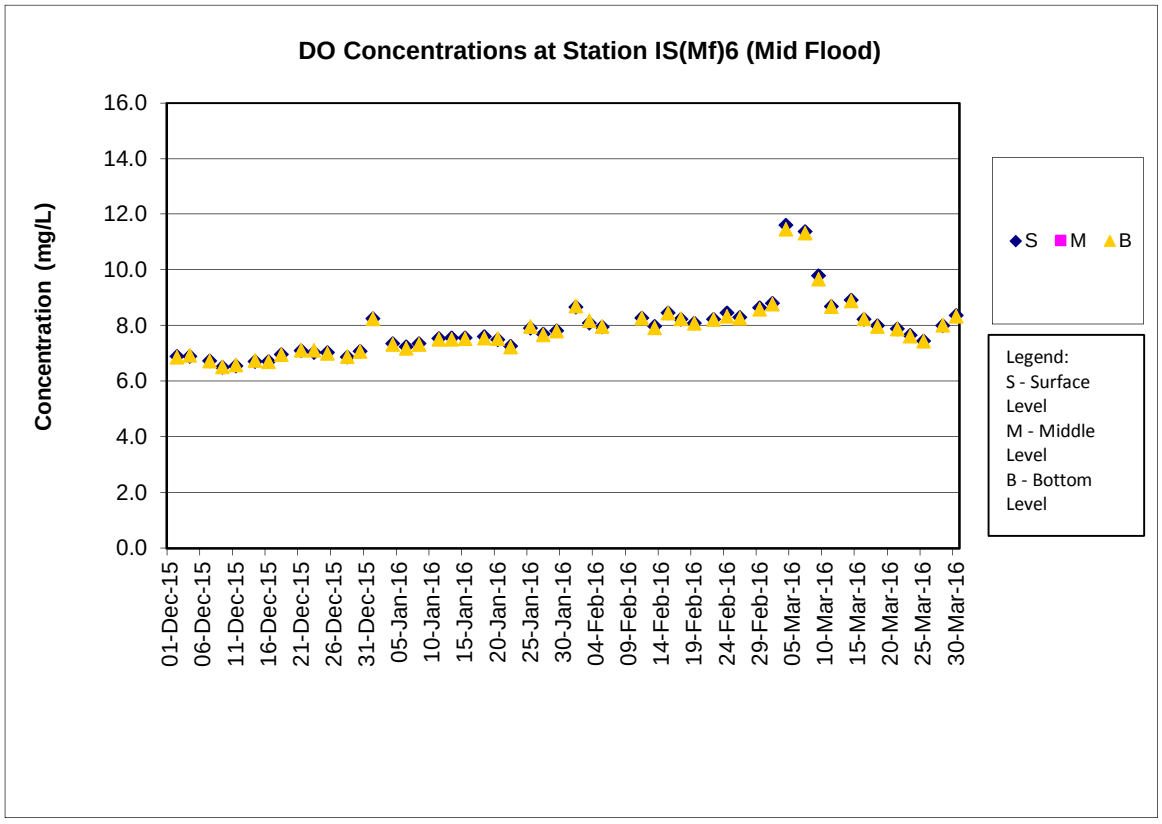
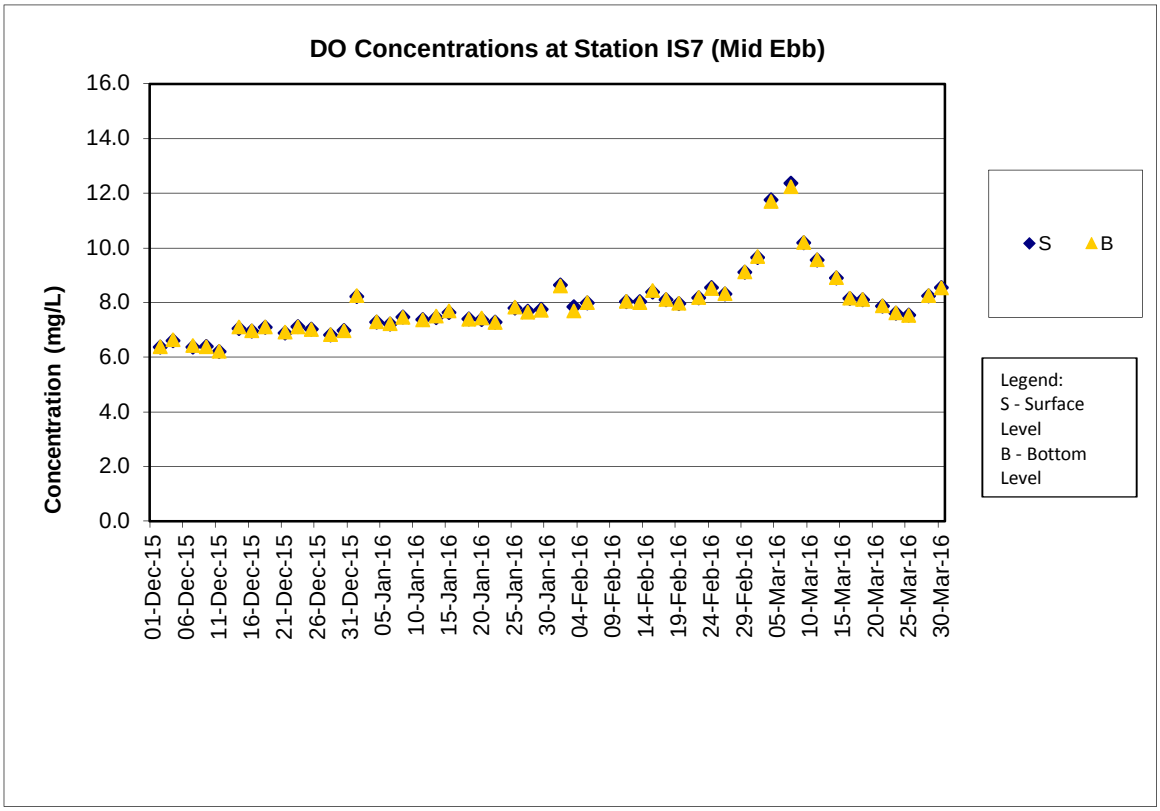
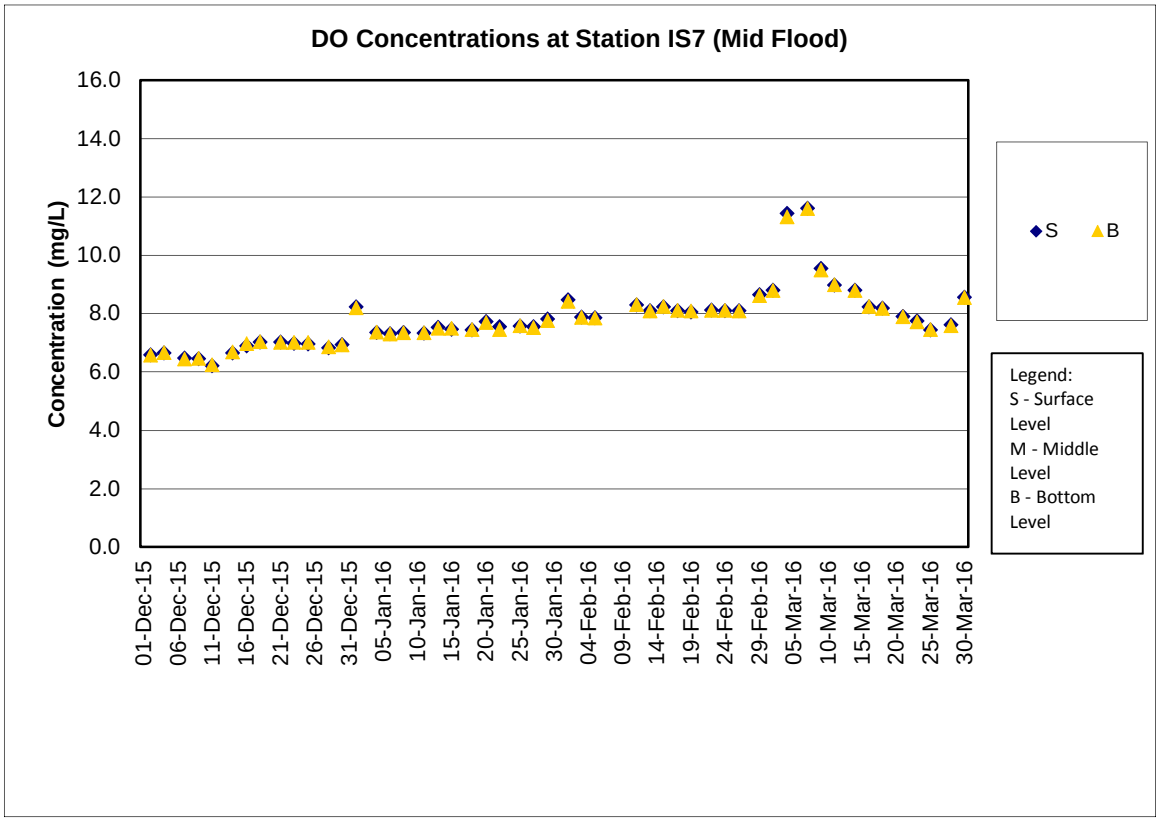
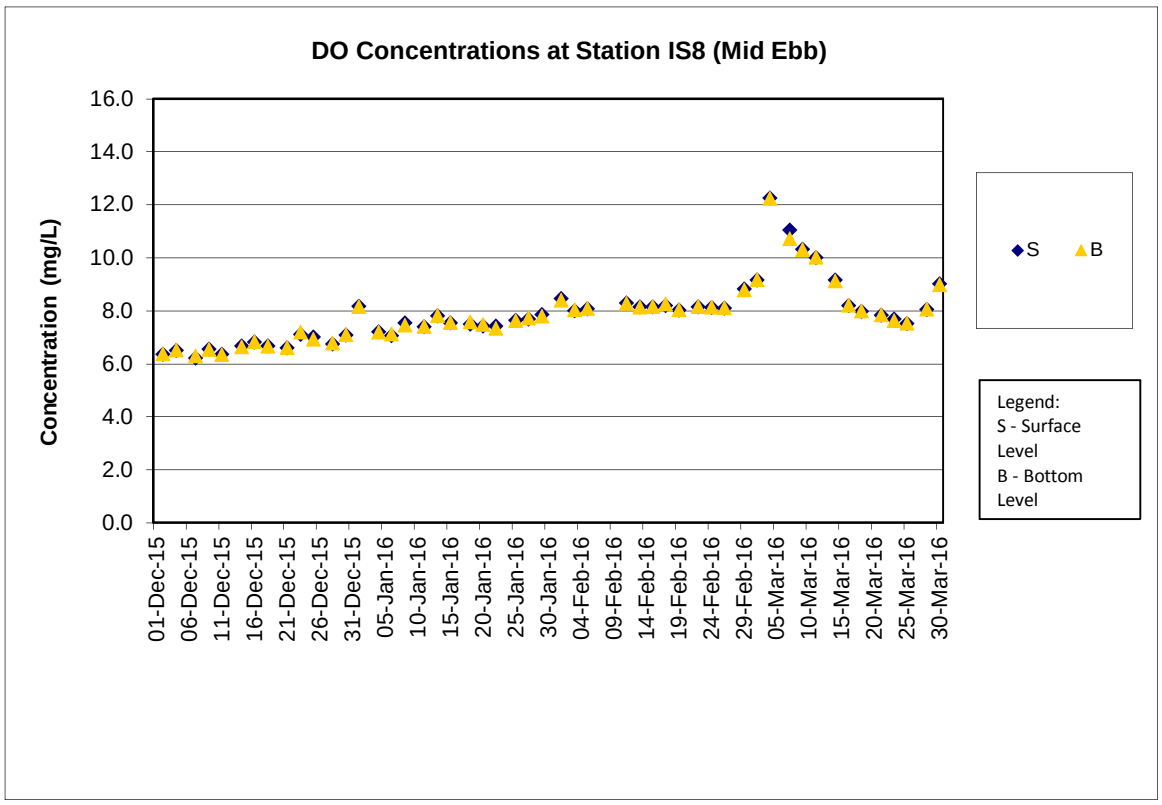
25-Mar-16
30-Mar-16
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

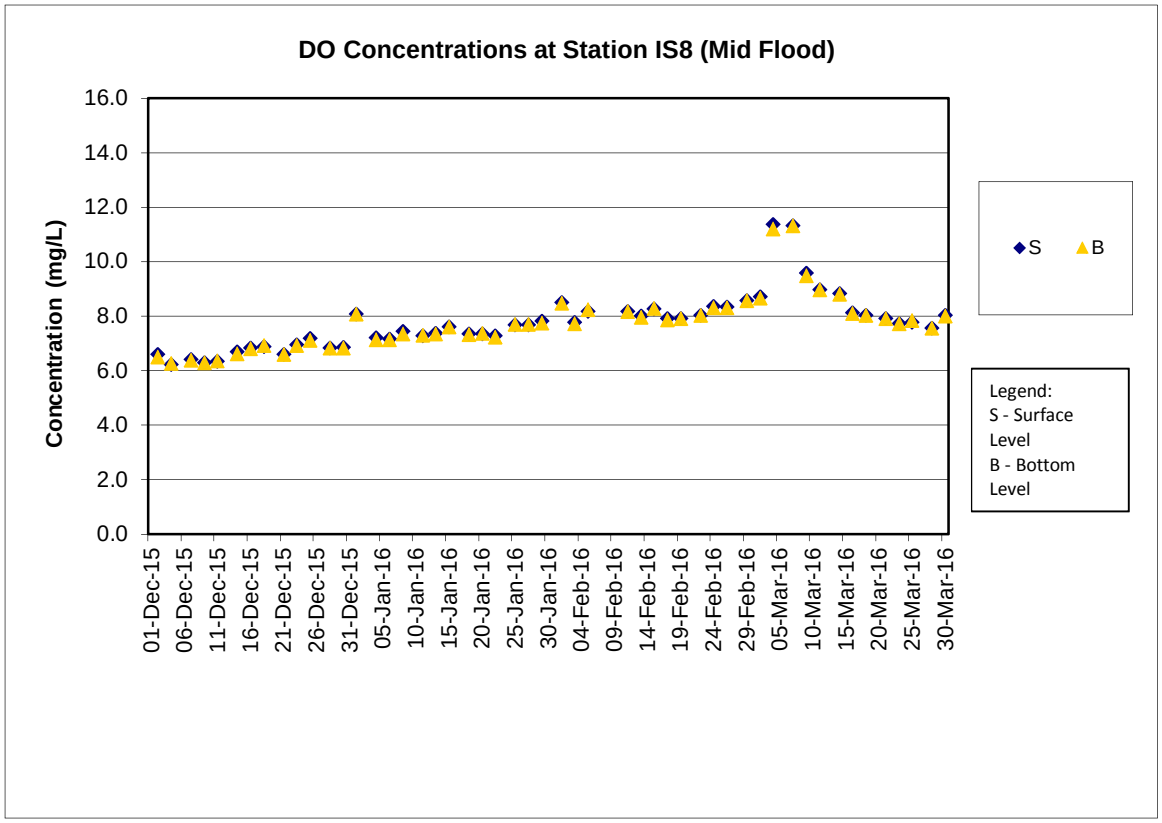

DO Concentrations at Station IS(Mf)6 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16
05-Mar-16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

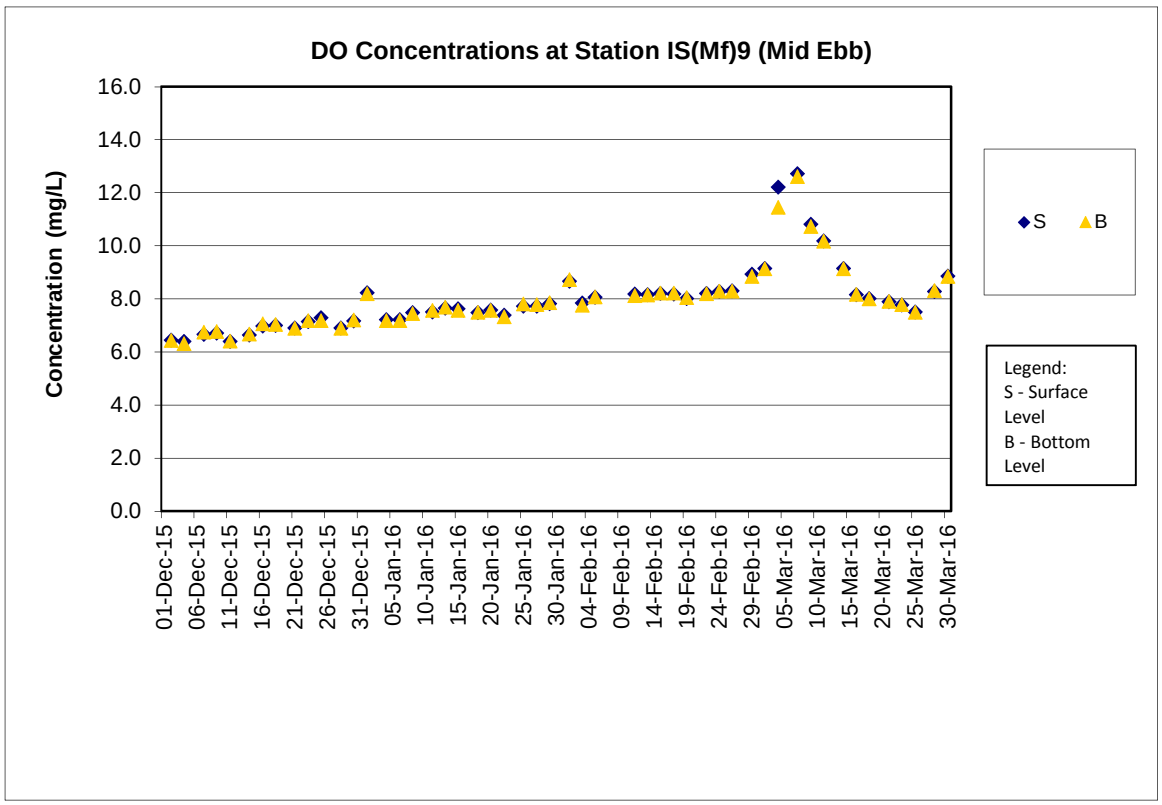

DO Concentrations at Station IS(Mf)6 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16
05-Mar-16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

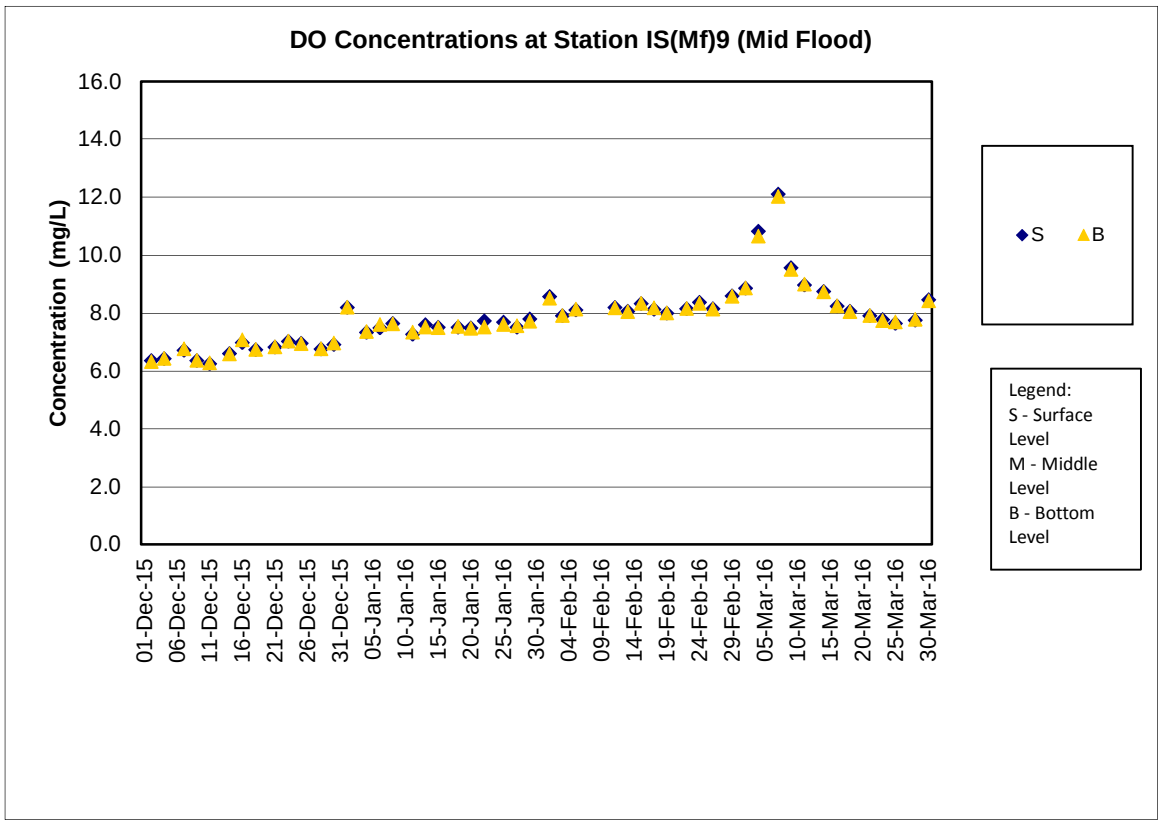

DO Concentrations at Station IS7 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16
05-Mar-16
10-Mar-16
15-Mar-16
20-Mar-16
25-Mar-16
30-Mar-16
S
B
Legend:
S - Surface Level
B - Bottom Level

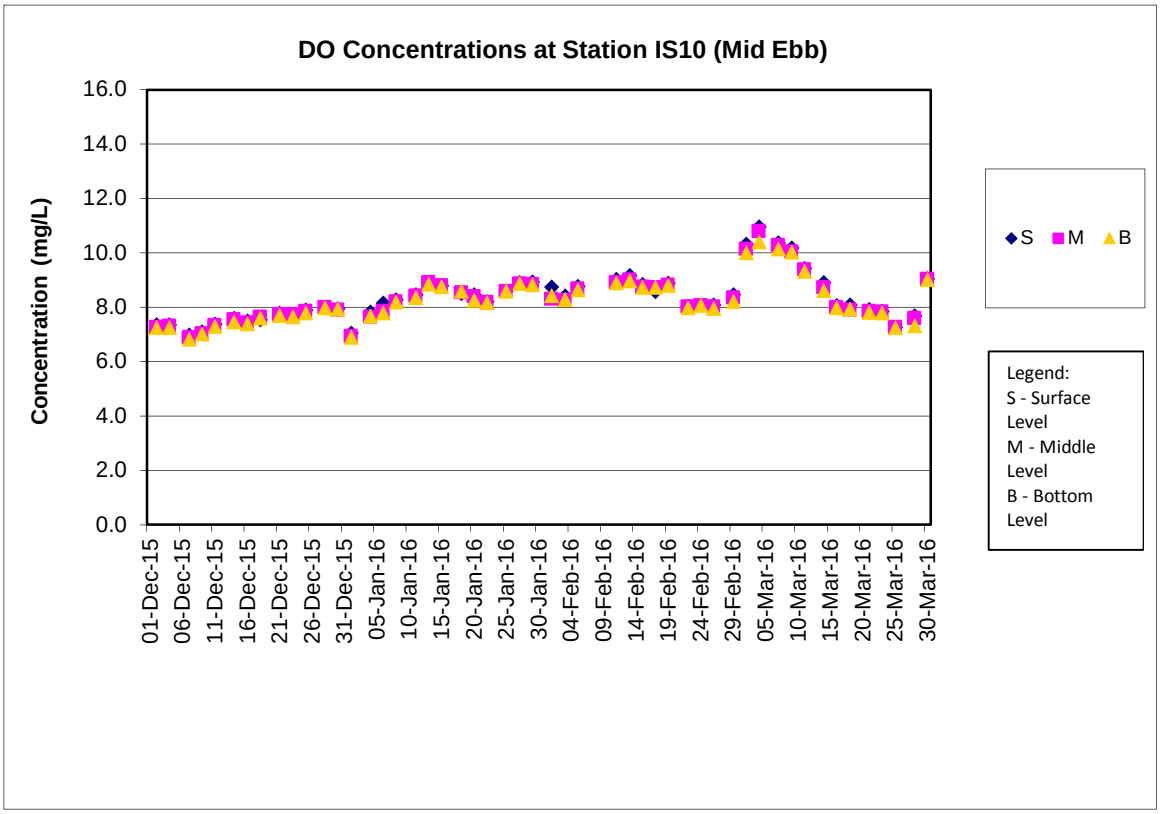

DO Concentrations at Station IS7 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16
05-Mar-16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

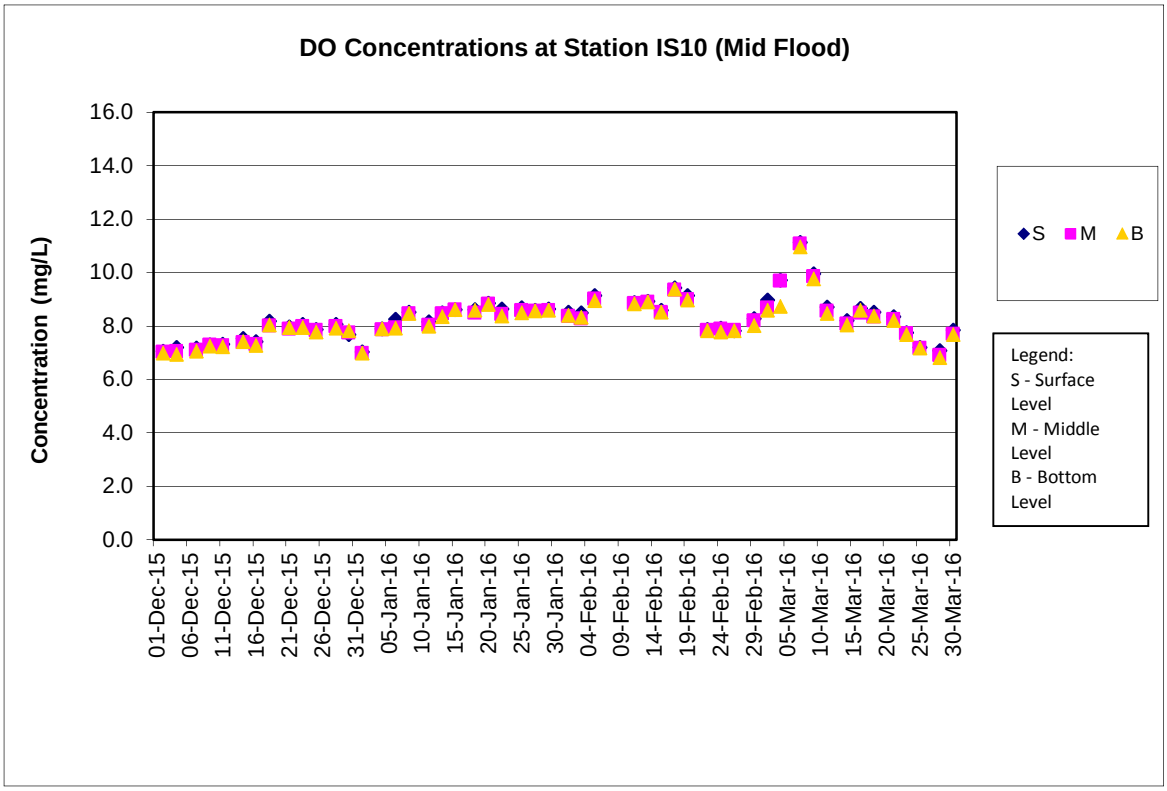

DO Concentrations at Station IS8 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16
05-Mar-16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

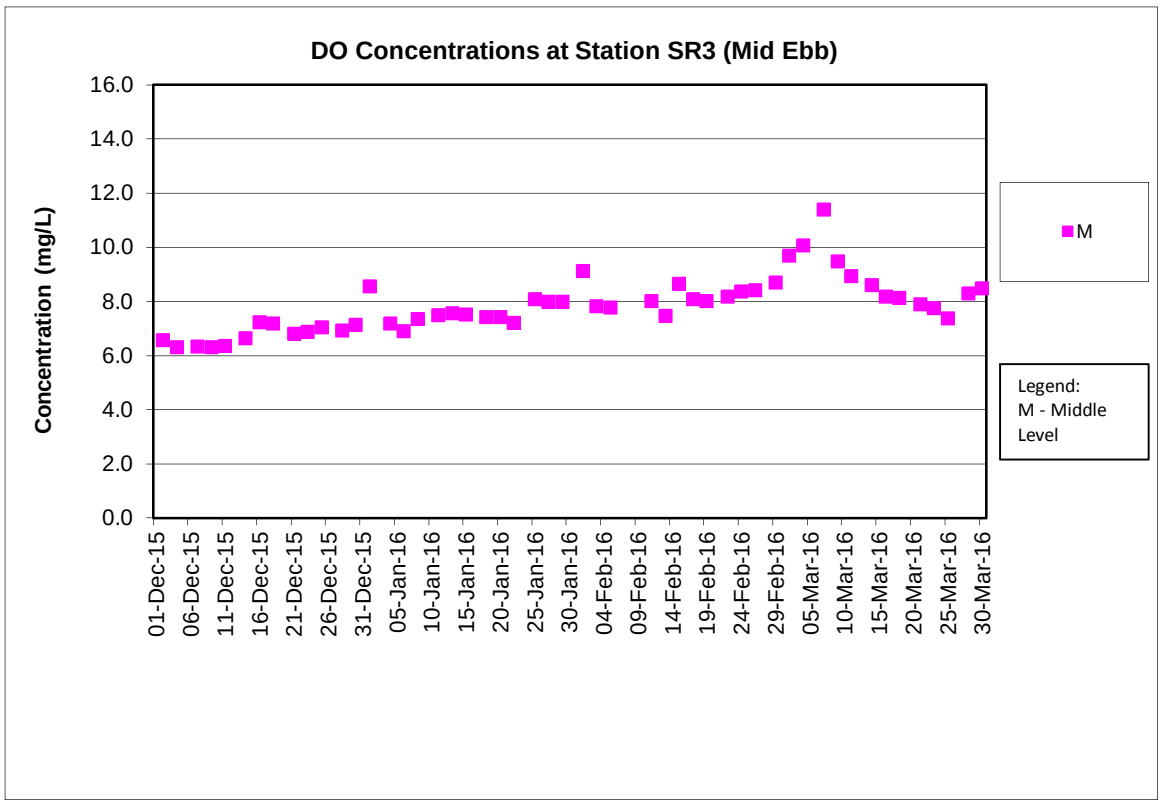

DO Concentrations at Station IS8 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16
05-Mar-16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

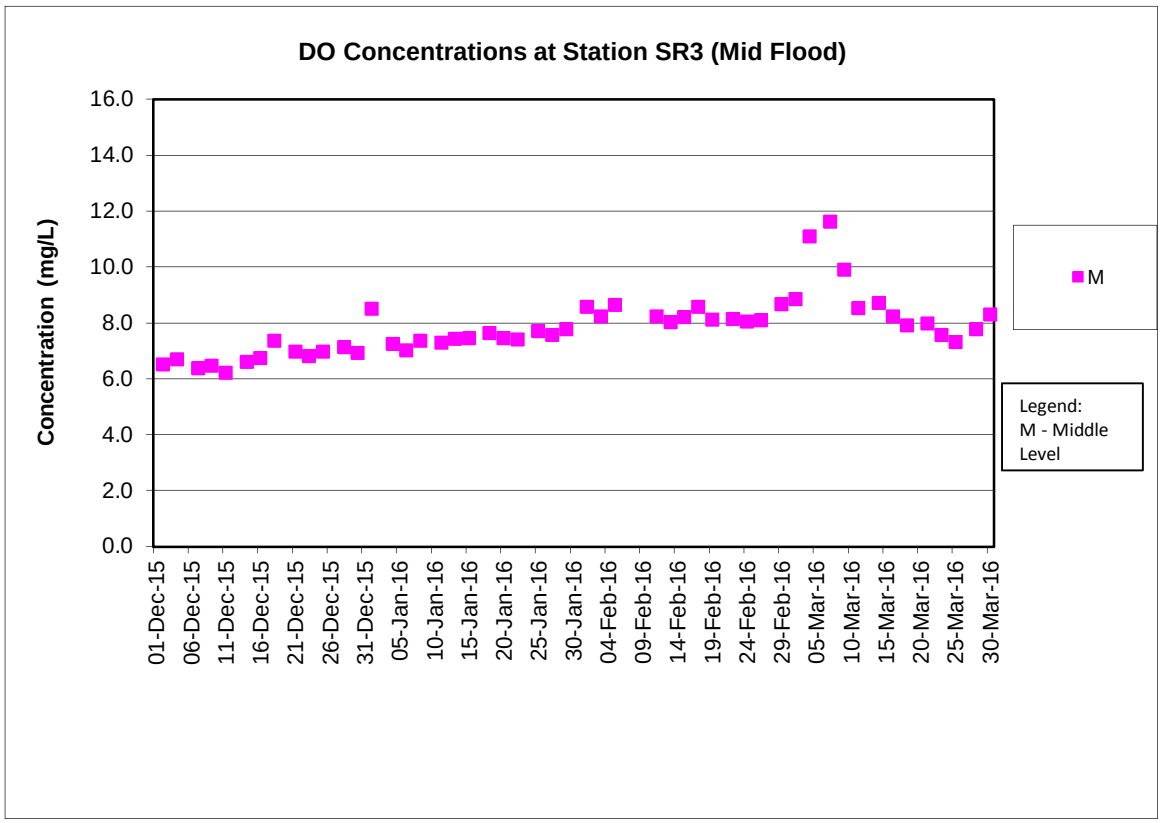

DO Concentrations at Station IS(Mf)9 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16
05-Mar-16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


DO Concentrations at Station IS10 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16
05-Mar-16
10-Mar-16
15-Mar-16
20-Mar-16
25-Mar-16
30-Mar-16
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


DO Concentrations at Station IS10 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16
05-Mar-16
10-Mar-16
15-Mar-16
20-Mar-16
25-Mar-16
30-Mar-16
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
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16
05-Mar-16
10-Mar-16
15-Mar-16
20-Mar-16
25-Mar-16
30-Mar-16
M
Legend:
M - Middle Level


DO Concentrations at Station SR3 (Mid Flood)
Concentration (mg/L)
16.0
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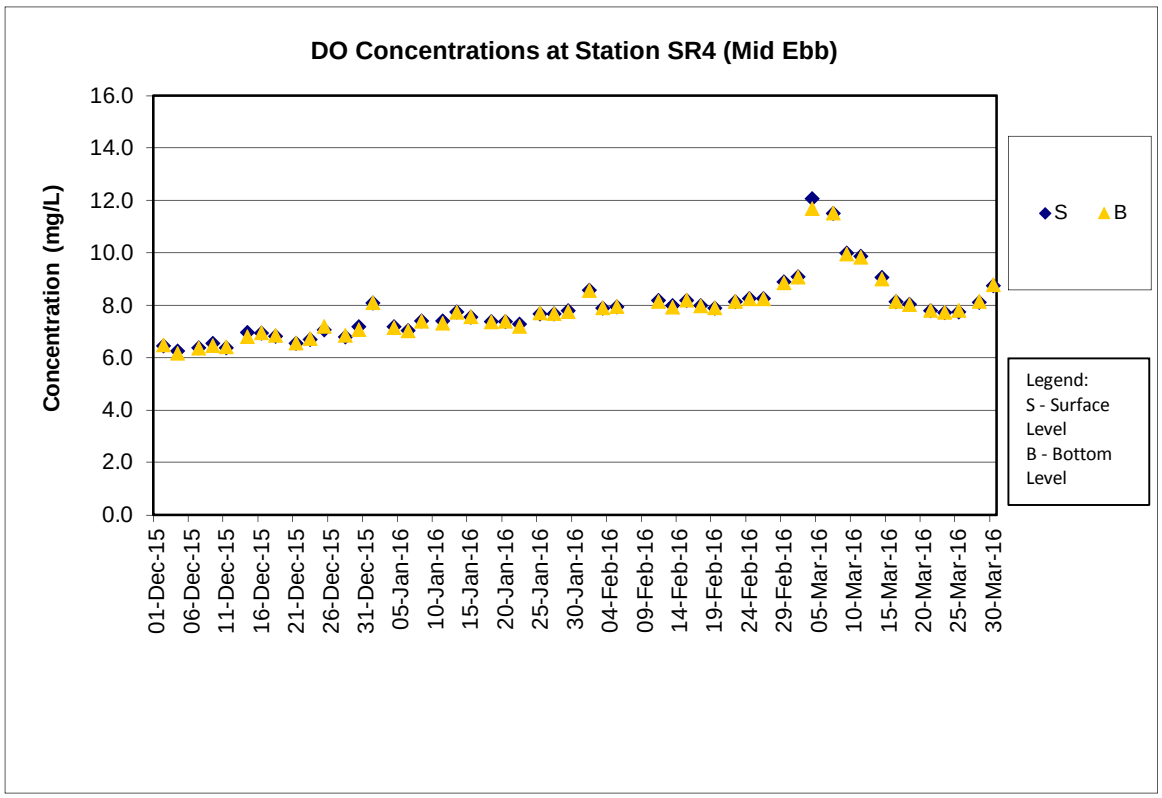
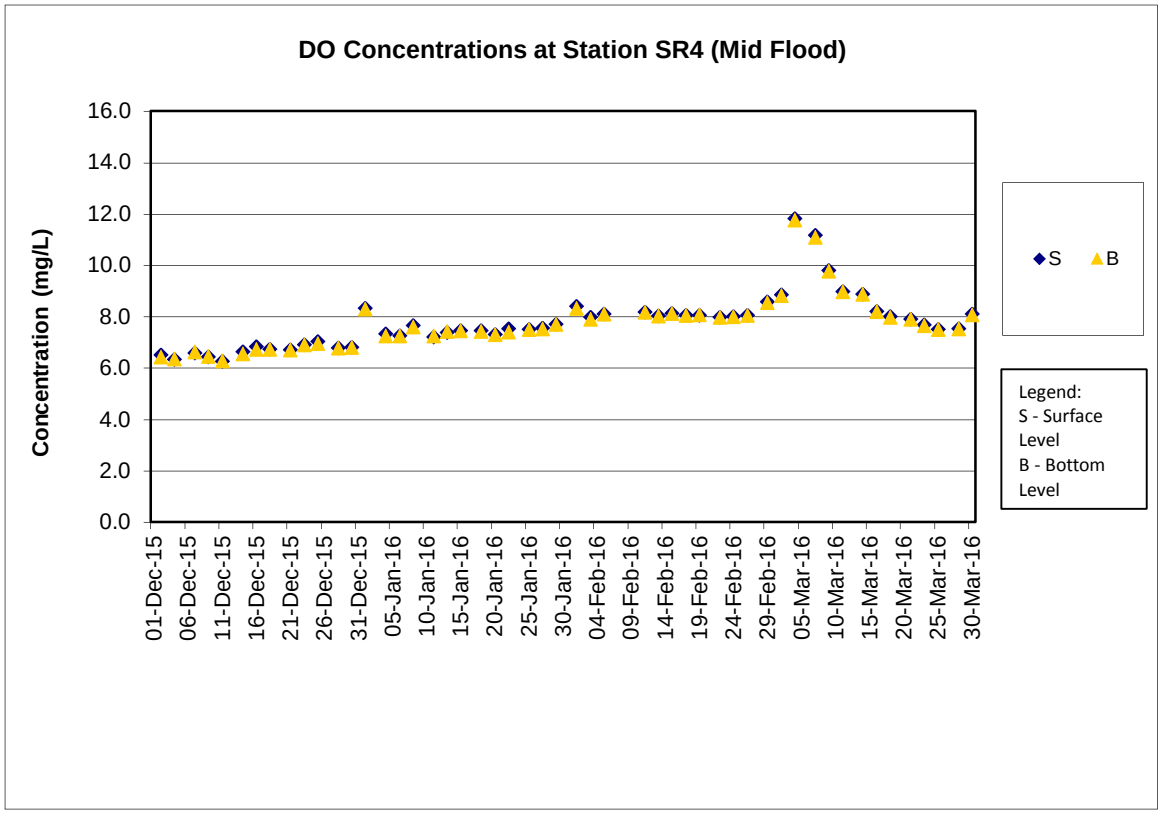
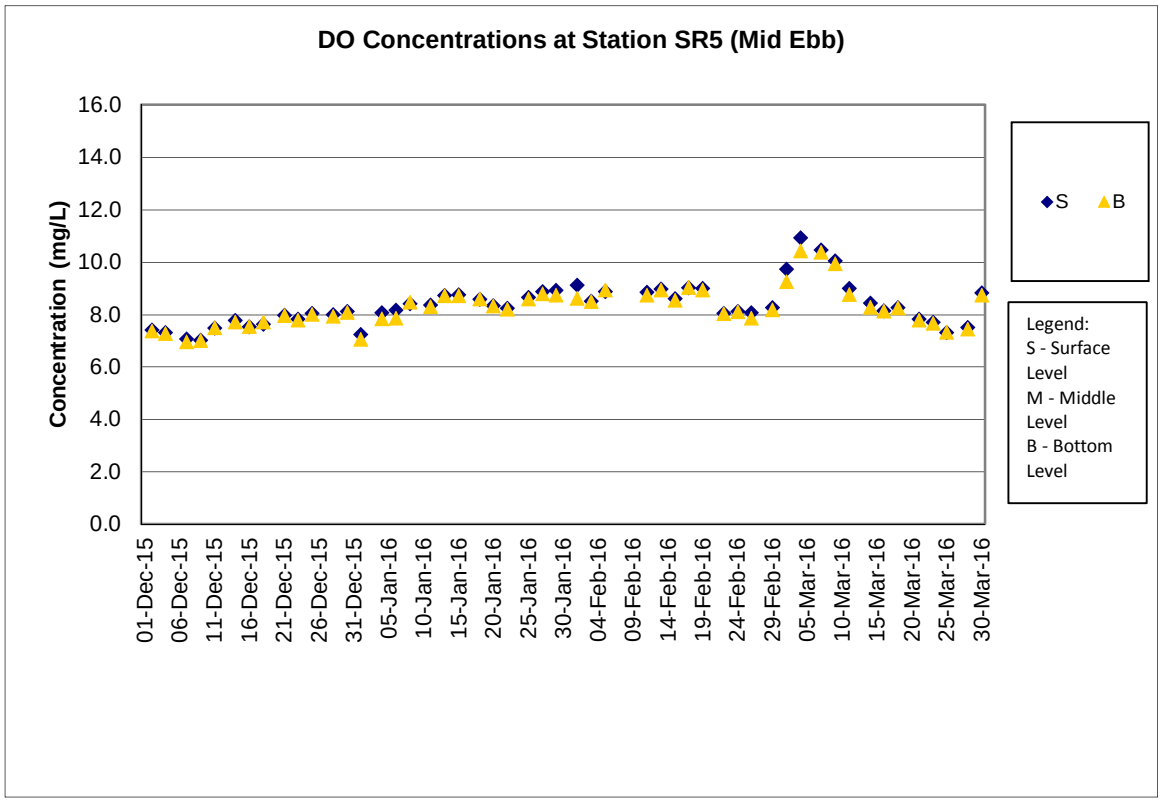
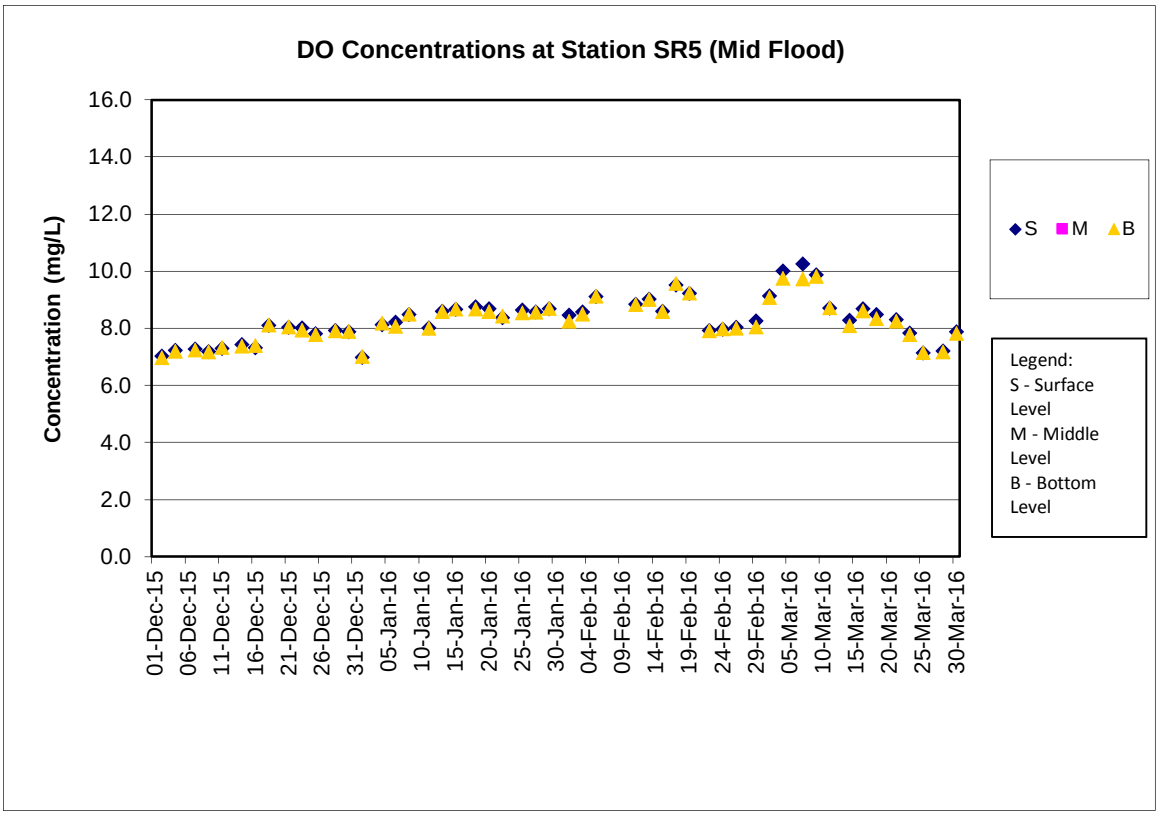
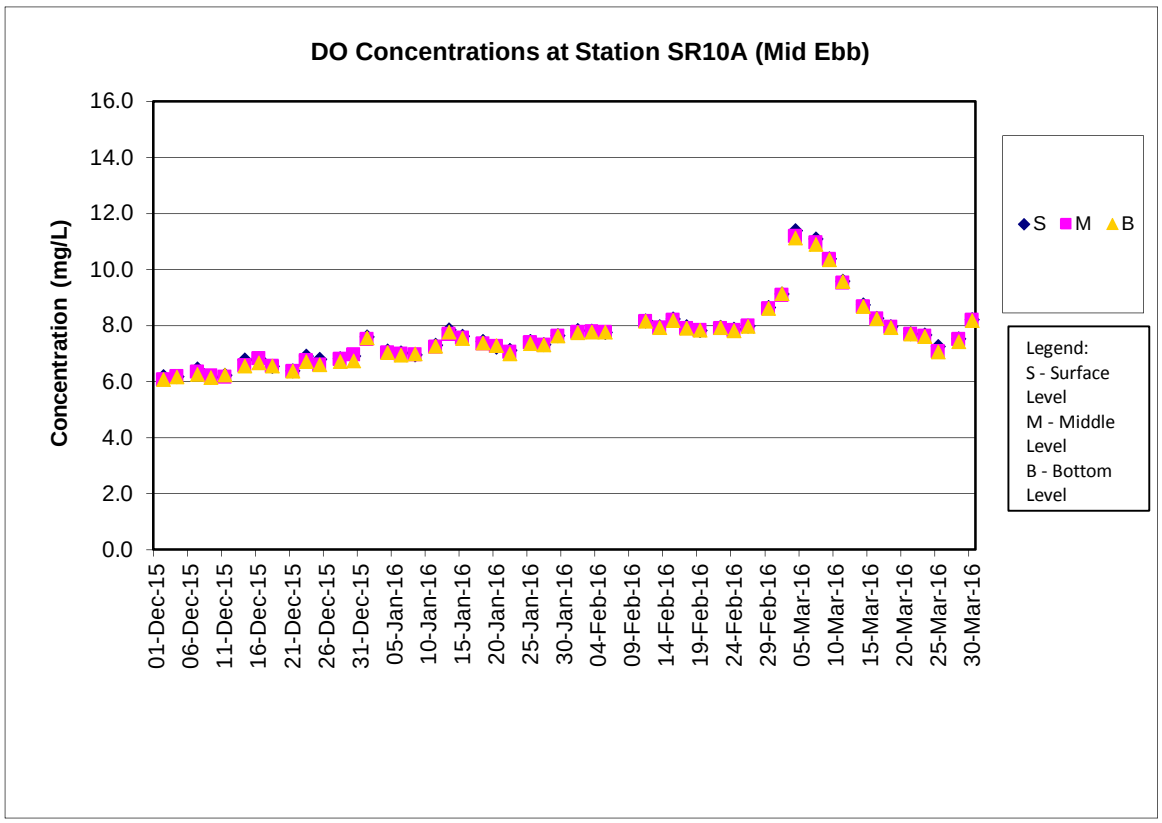
12.0
10.0
8.0
6.0
4.0
2.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16
05-Mar-16
10-Mar-16
15-Mar-16
20-Mar-16
25-Mar-16
30-Mar-16
M
Legend:
M - Middle Level

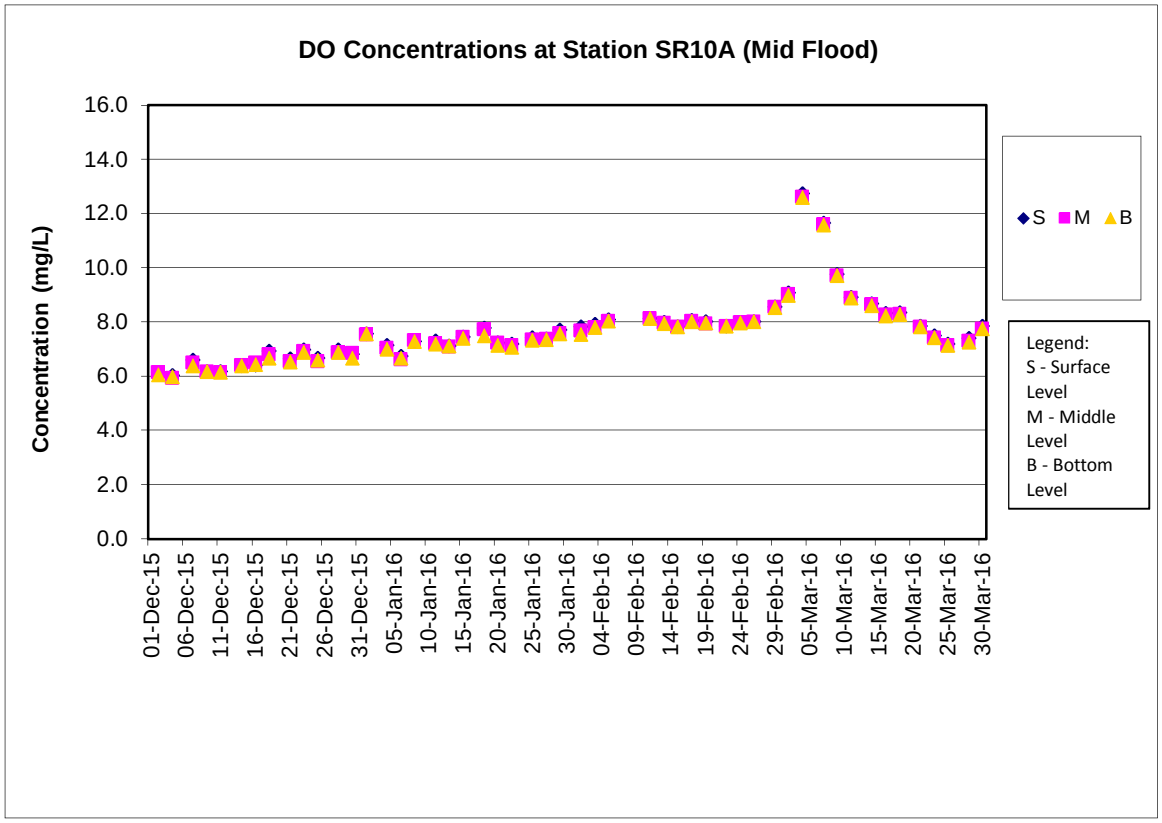

DO Concentrations at Station SR4 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16
05-Mar-16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

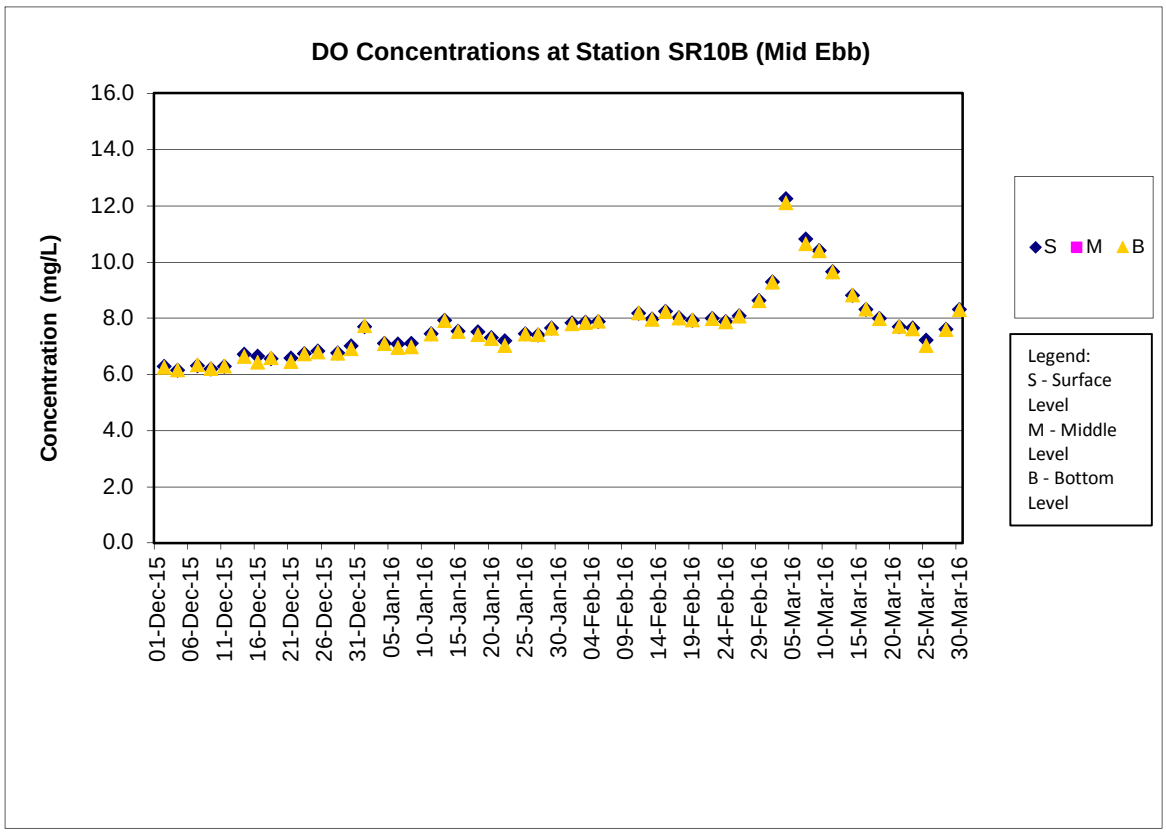

DO Concentrations at Station SR4 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16
05-Mar-16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

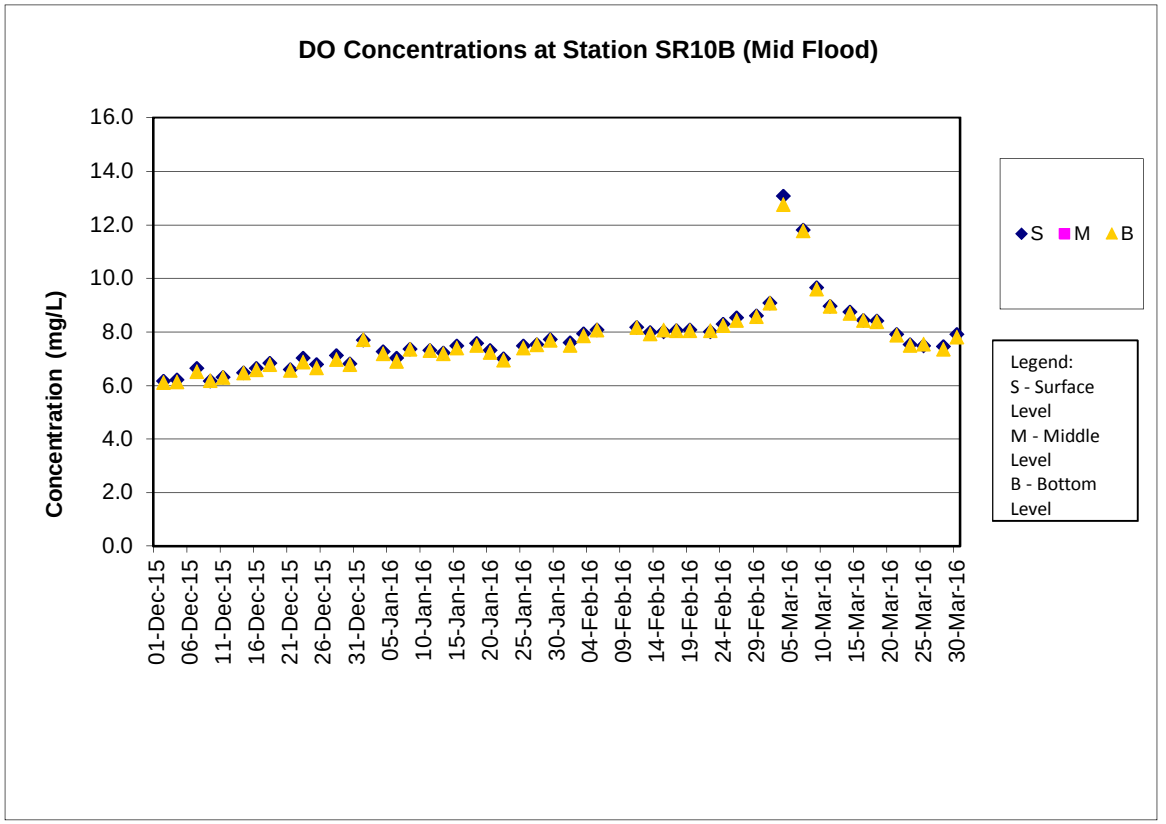

DO Concentrations at Station SR5 (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16
05-Mar-16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

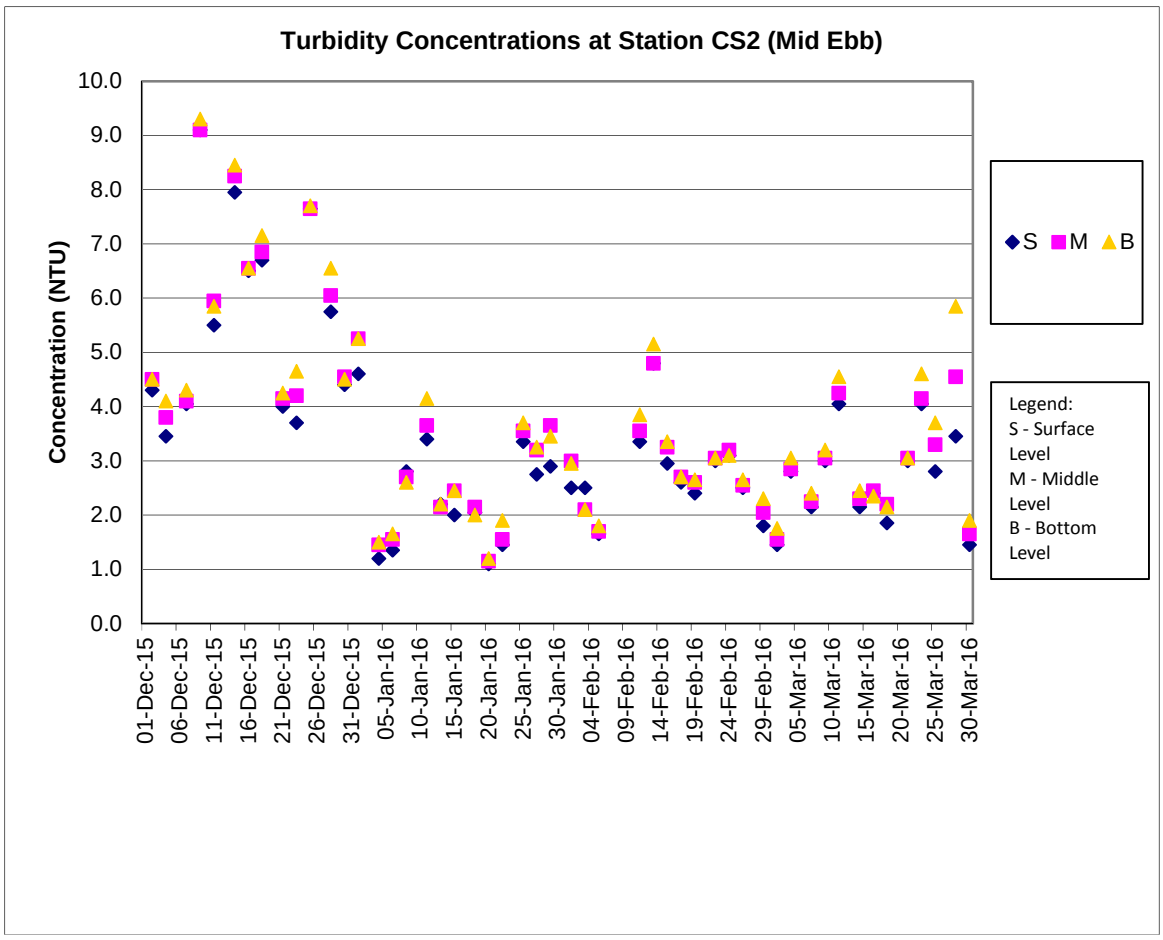

DO Concentrations at Station SR5 (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16
05-Mar-16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

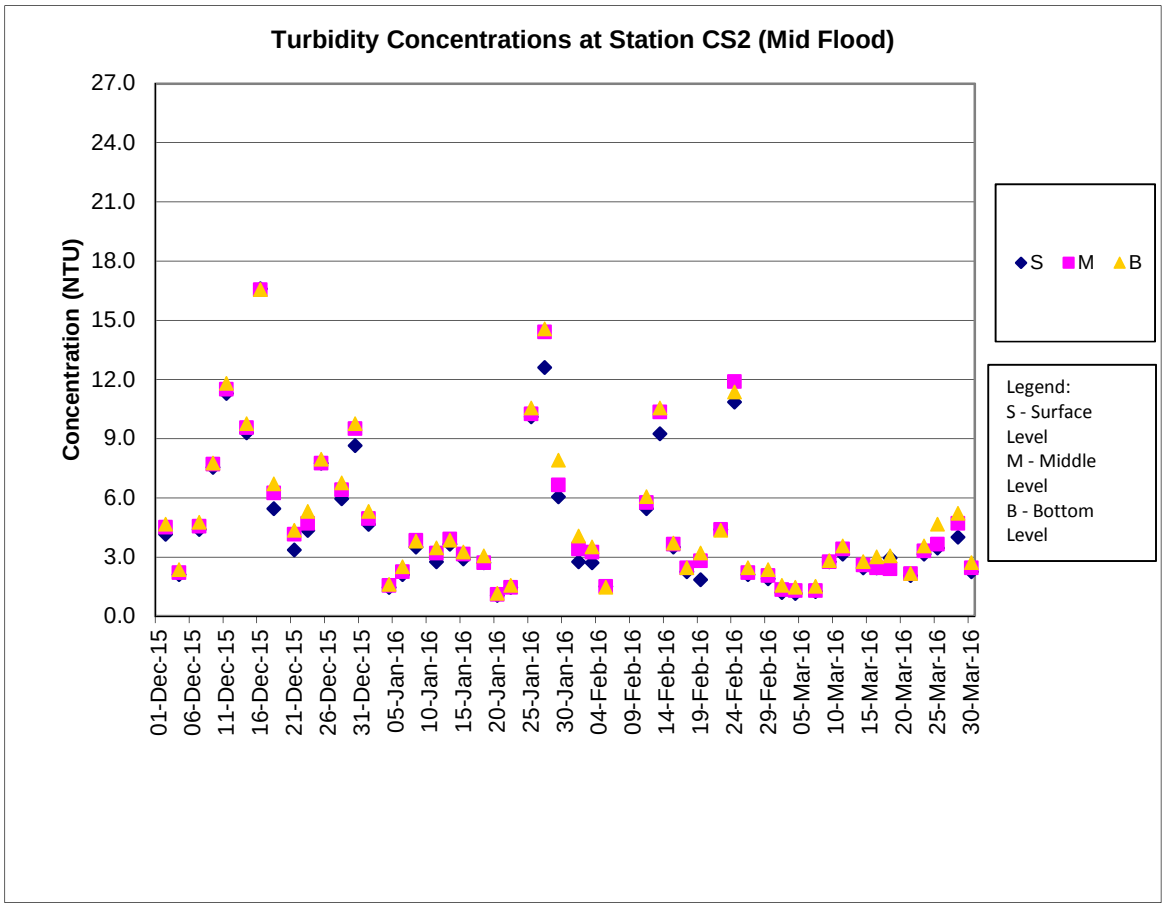

DO Concentrations at Station SR10A (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16
05-Mar-16
10-Mar-16
15-Mar-16
20-Mar-16
25-Mar-16
30-Mar-16
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

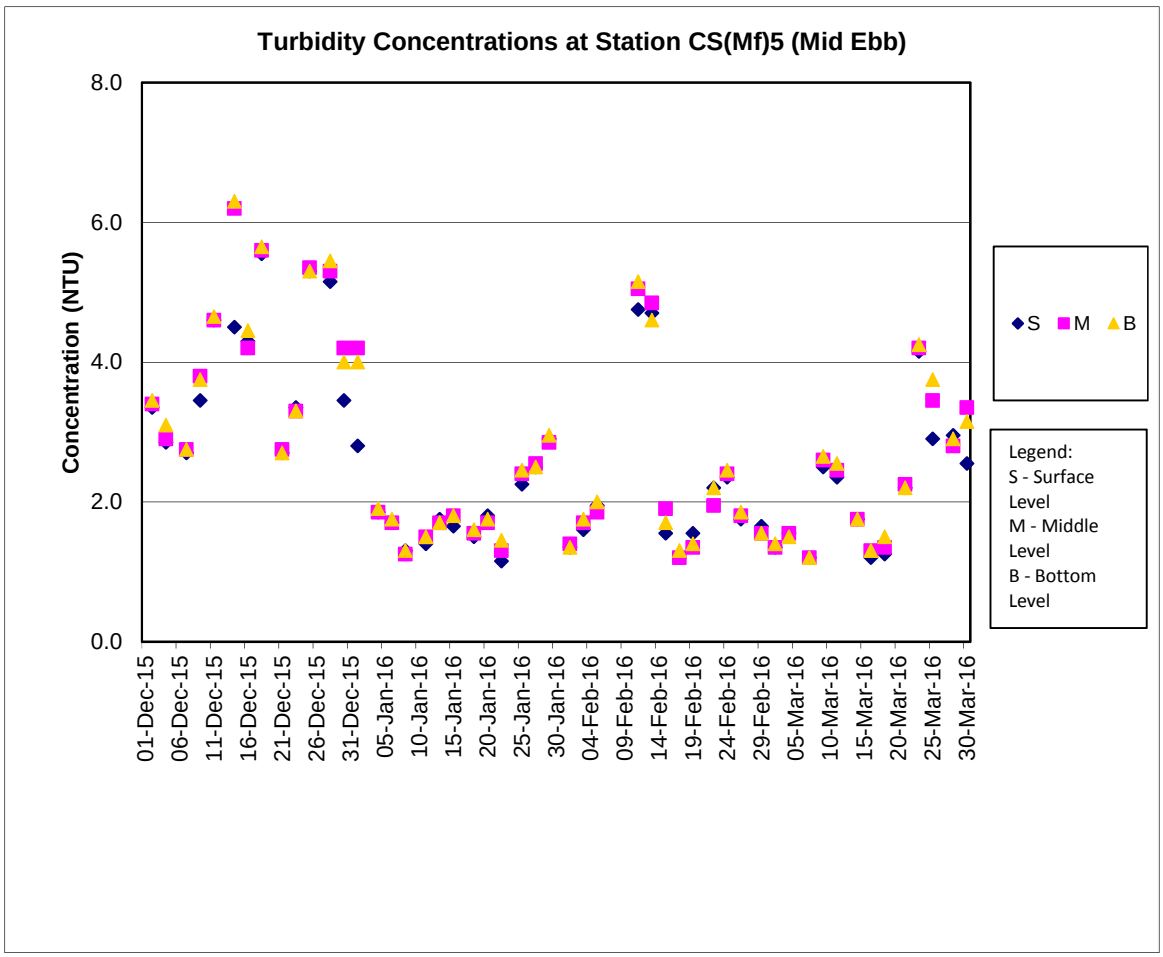

DO Concentrations at Station SR10A (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16
05-Mar-16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

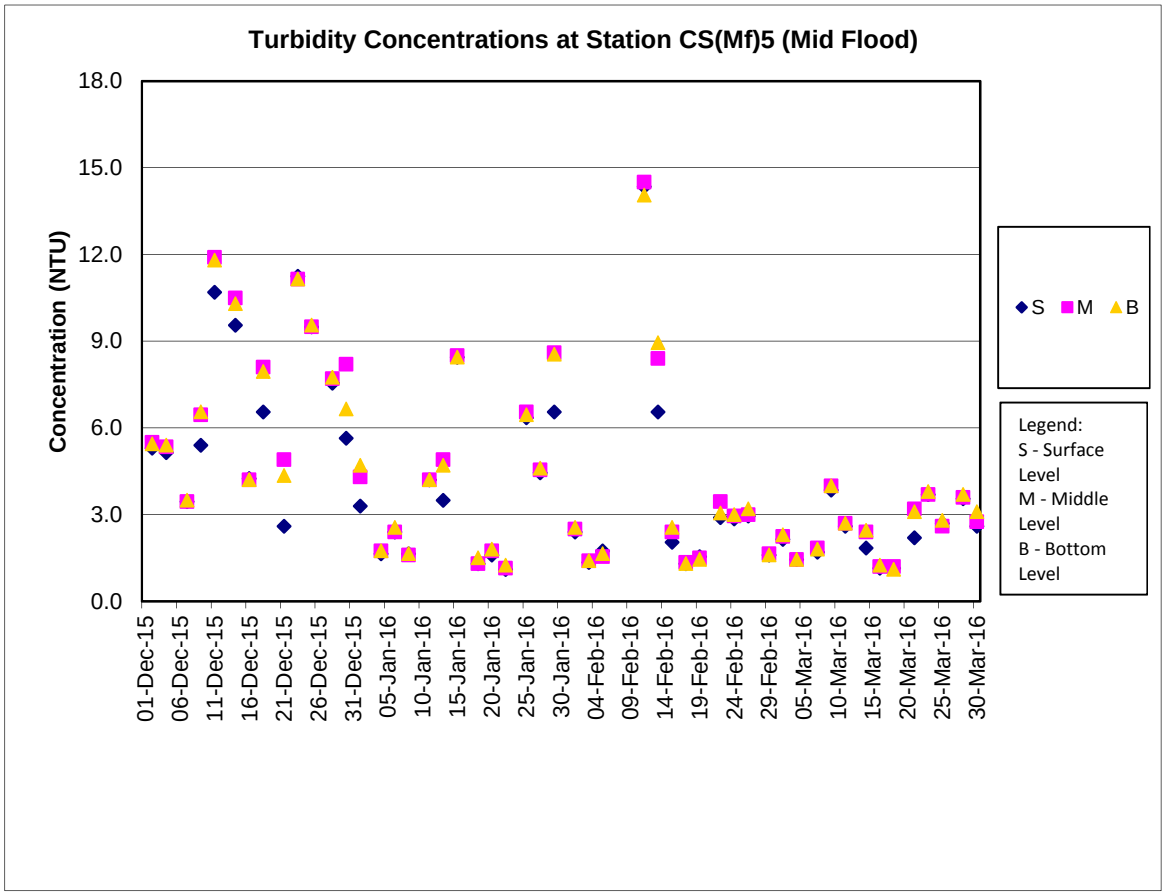

DO Concentrations at Station SR10B (Mid Ebb)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16
05-Mar-16
10-Mar-16
15-Mar-16
20-Mar-16
25-Mar-16
30-Mar-16
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

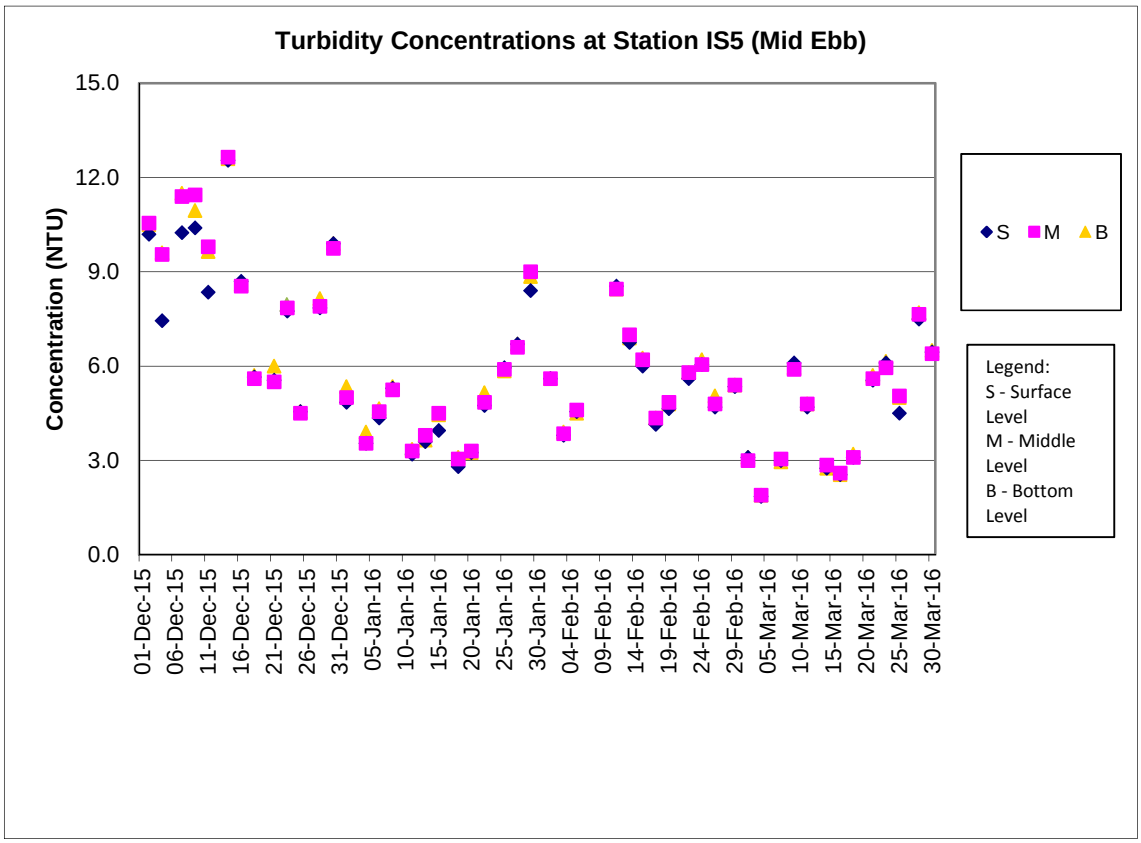

DO Concentrations at Station SR10B (Mid Flood)
Concentration (mg/L)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16
05-Mar-16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

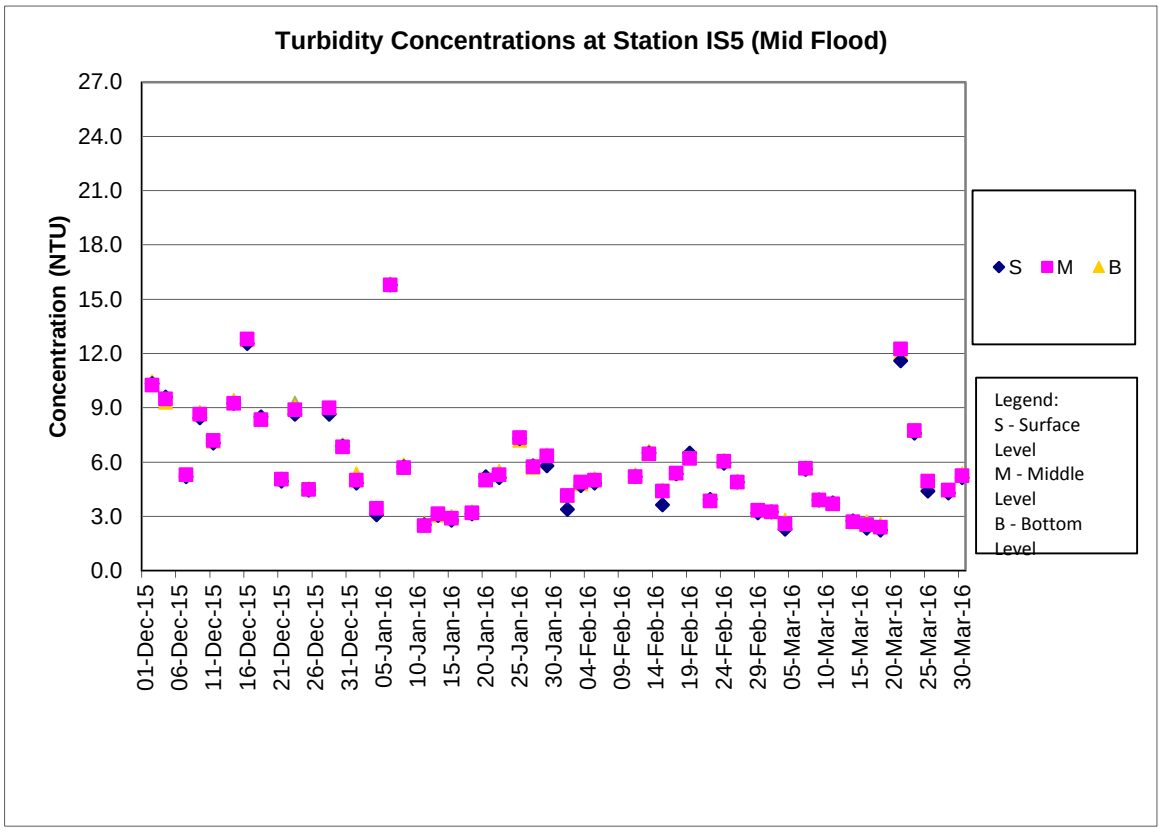

Turbidity Concentrations at Station CS2 (Mid Ebb)
Concentration (NTU)
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16
05-Mar-16
10-Mar-16
15-Mar-16
20-Mar-16
25-Mar-16
30-Mar-16
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

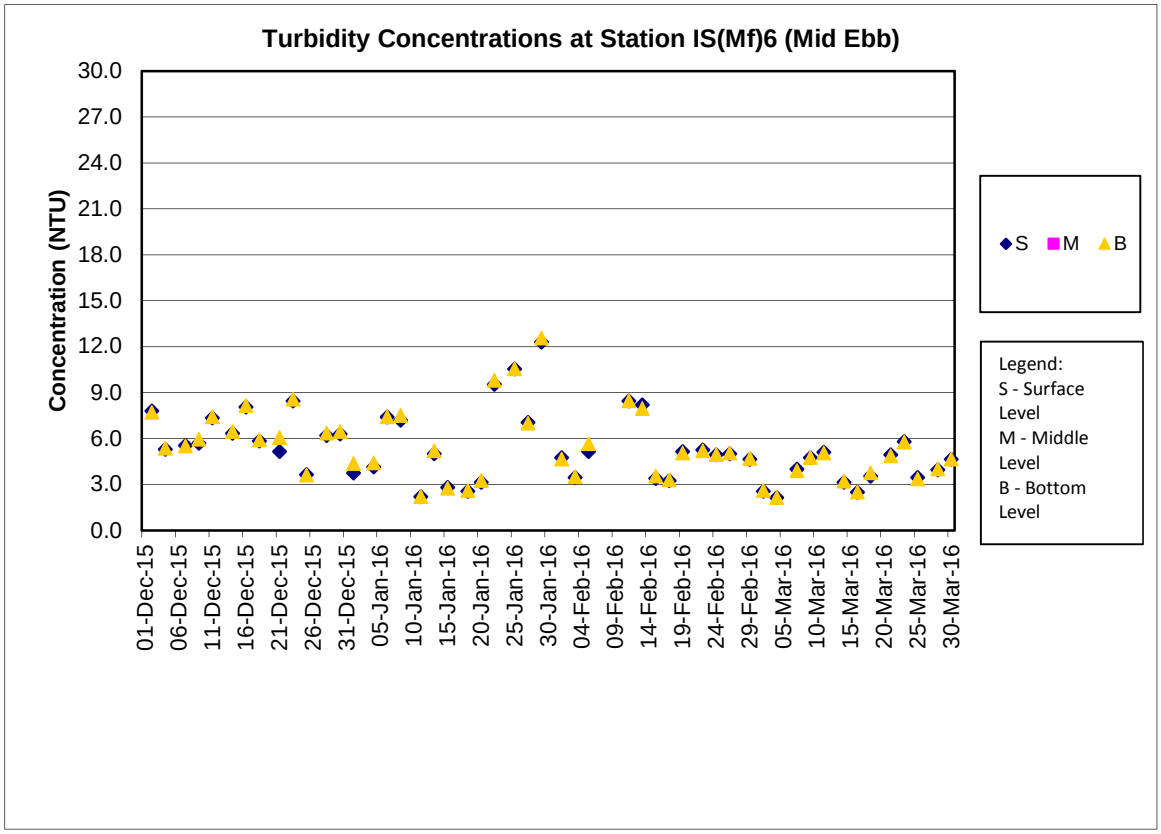

Turbidity Concentrations at Station CS2 (Mid Flood)
Concentration (NTU)
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16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

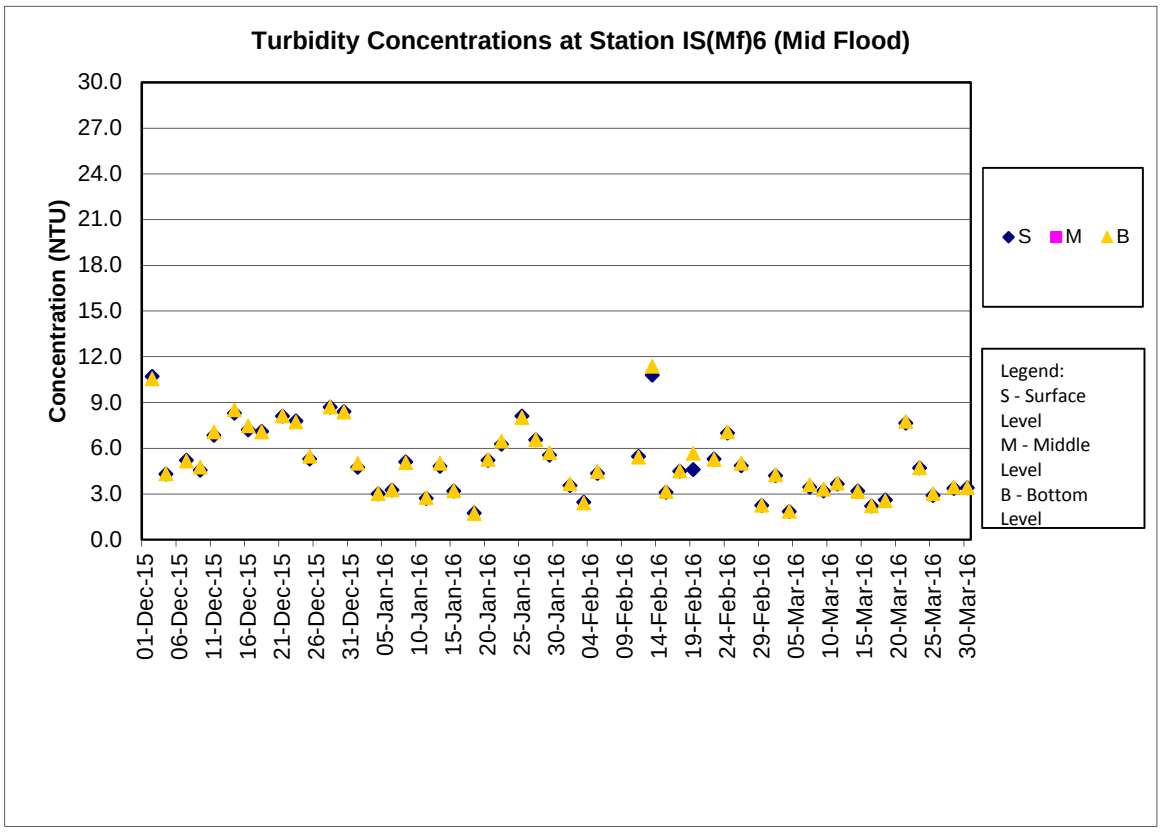

Turbidity Concentrations at Station CS(Mf)5 (Mid Ebb)
Concentration (NTU)
8.0
6.0
4.0
2.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16
05-Mar-16
10-Mar-16
15-Mar-16
20-Mar-16
25-Mar-16
30-Mar-16
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

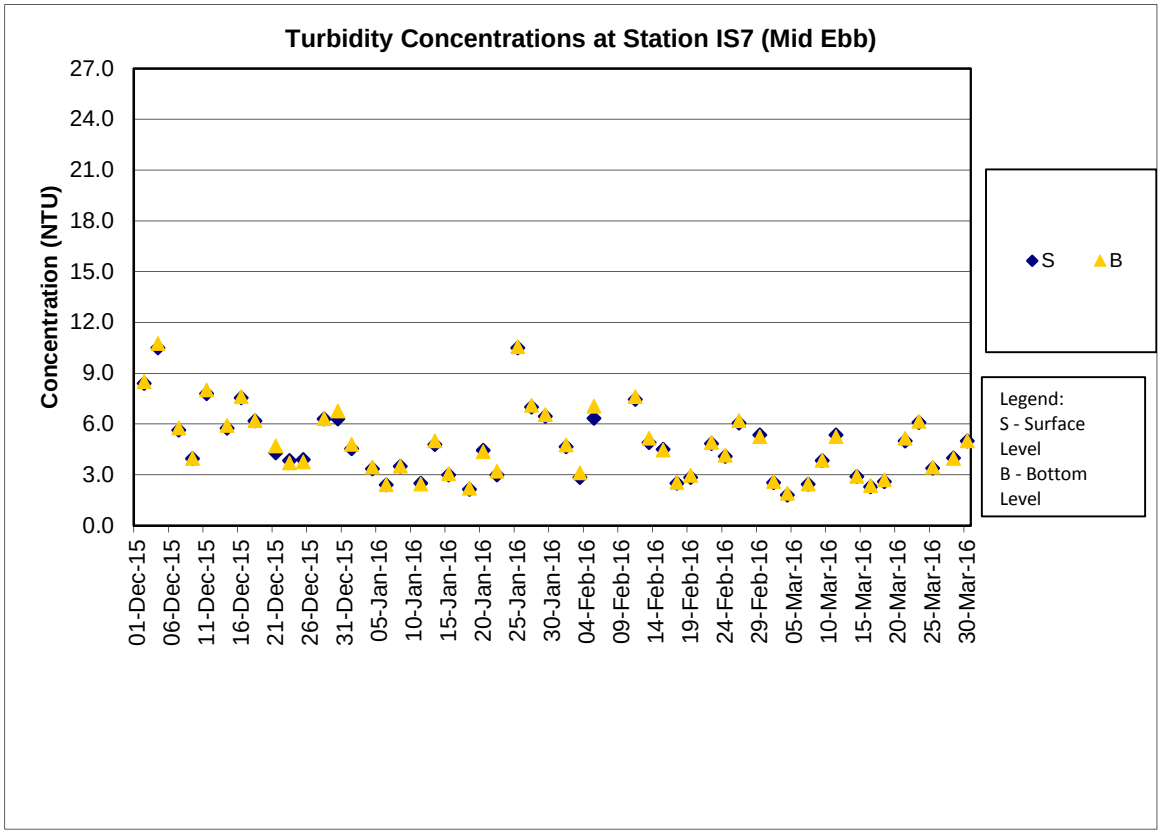

Turbidity Concentrations at Station CS(Mf)5 (Mid Flood)
Concentration (NTU)
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16
05-Mar-16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

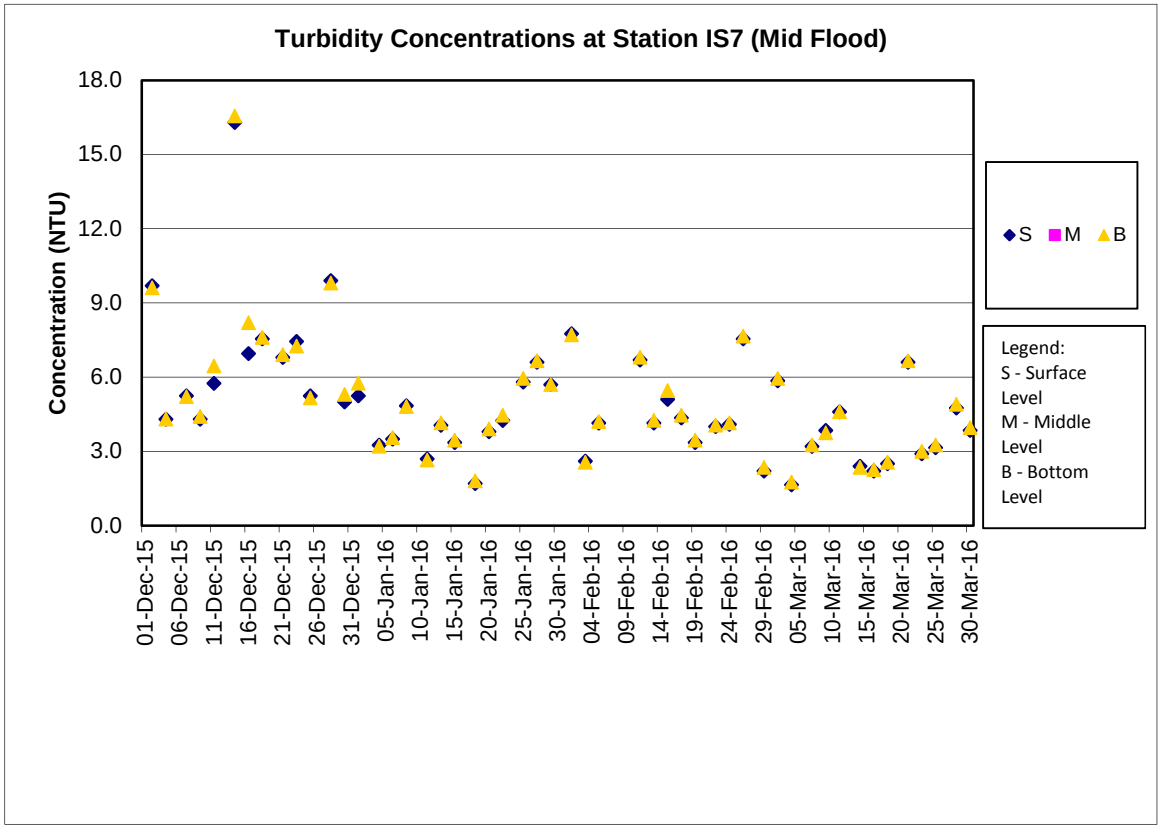

Turbidity Concentrations at Station IS5 (Mid Ebb)
Concentration (NTU)
15.0
12.0
9.0
6.0
3.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16
05-Mar-16
10-Mar-16
15-Mar-16
20-Mar-16
25-Mar-16
30-Mar-16
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

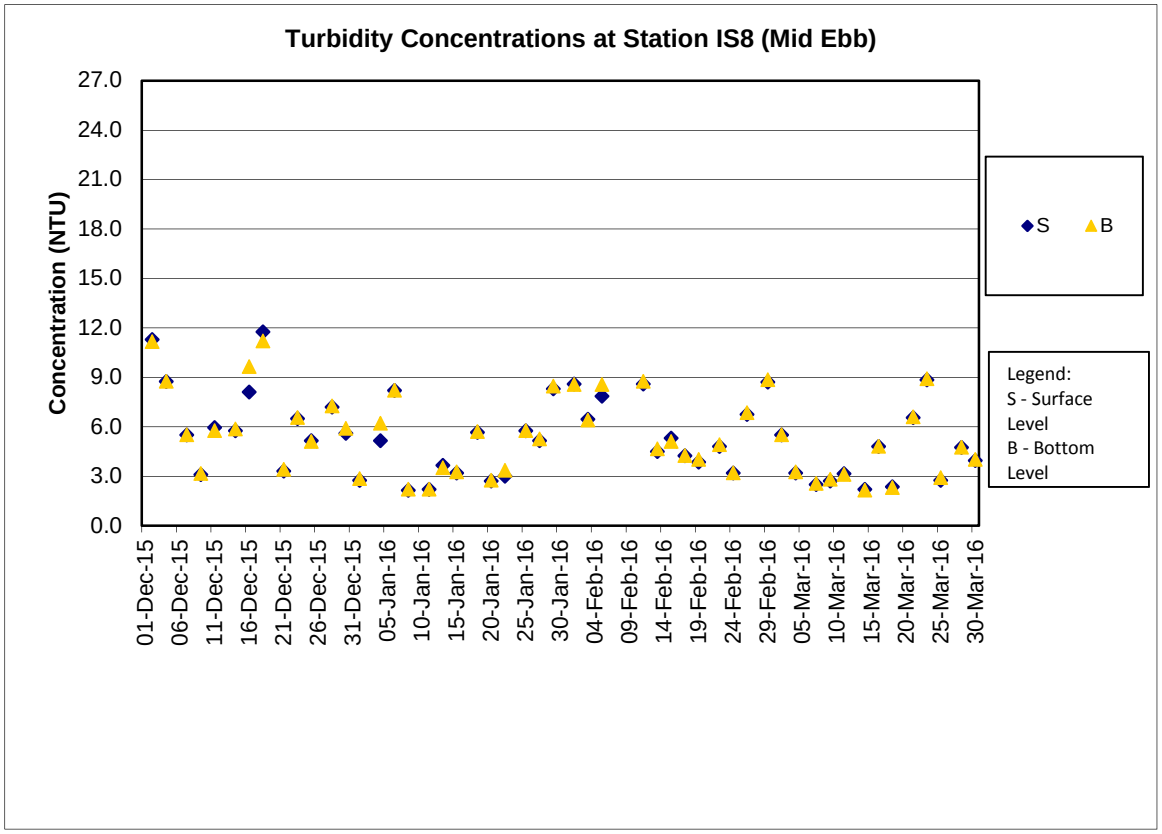

Turbidity Concentrations at Station IS5 (Mid Flood)
Concentration (NTU)
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16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

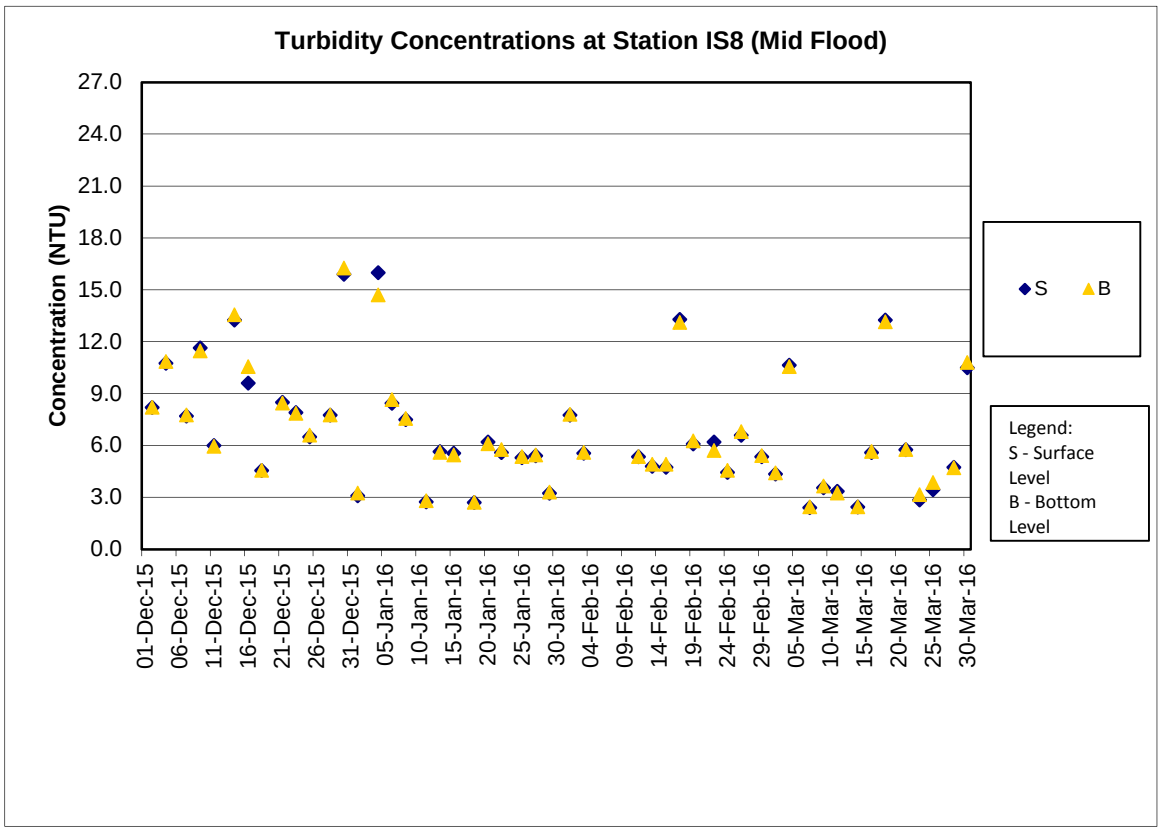

Turbidity Concentrations at Station IS(Mf)6 (Mid Ebb)
Concentration (NTU)
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16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

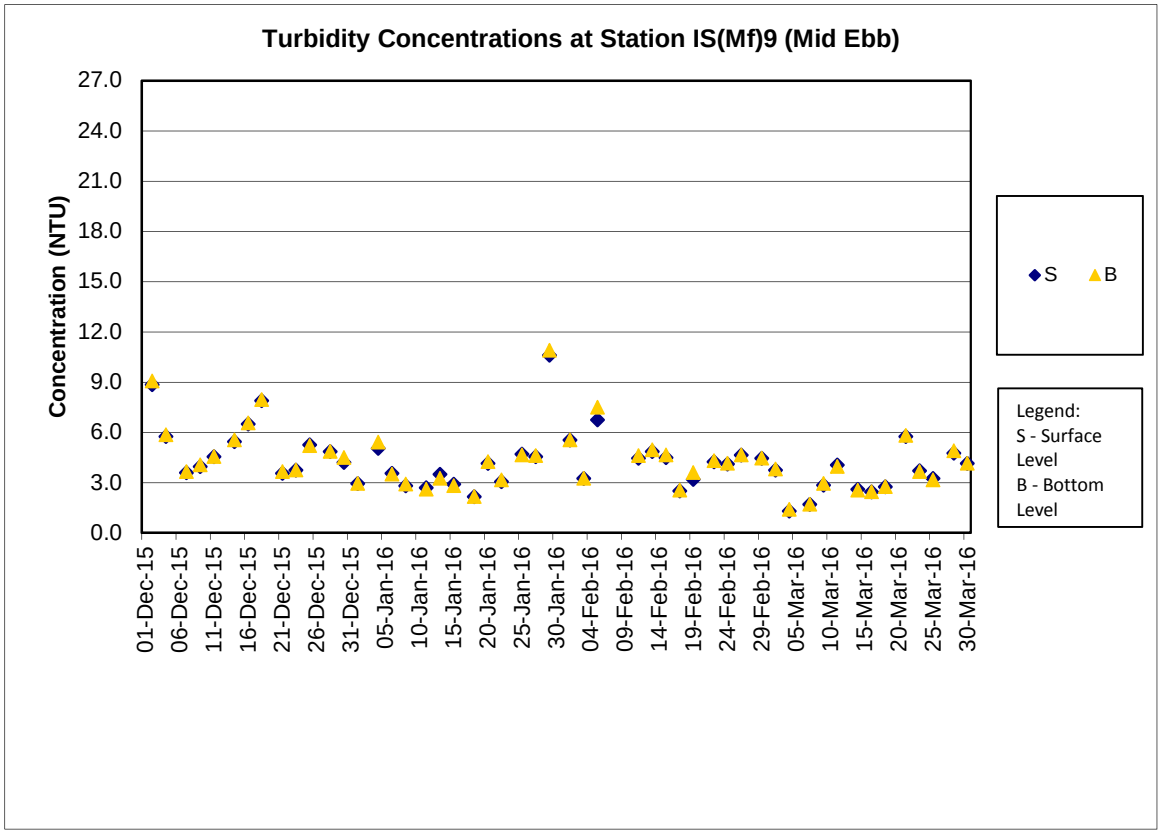

Turbidity Concentrations at Station IS(Mf)6 (Mid Flood)
Concentration (NTU)
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16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

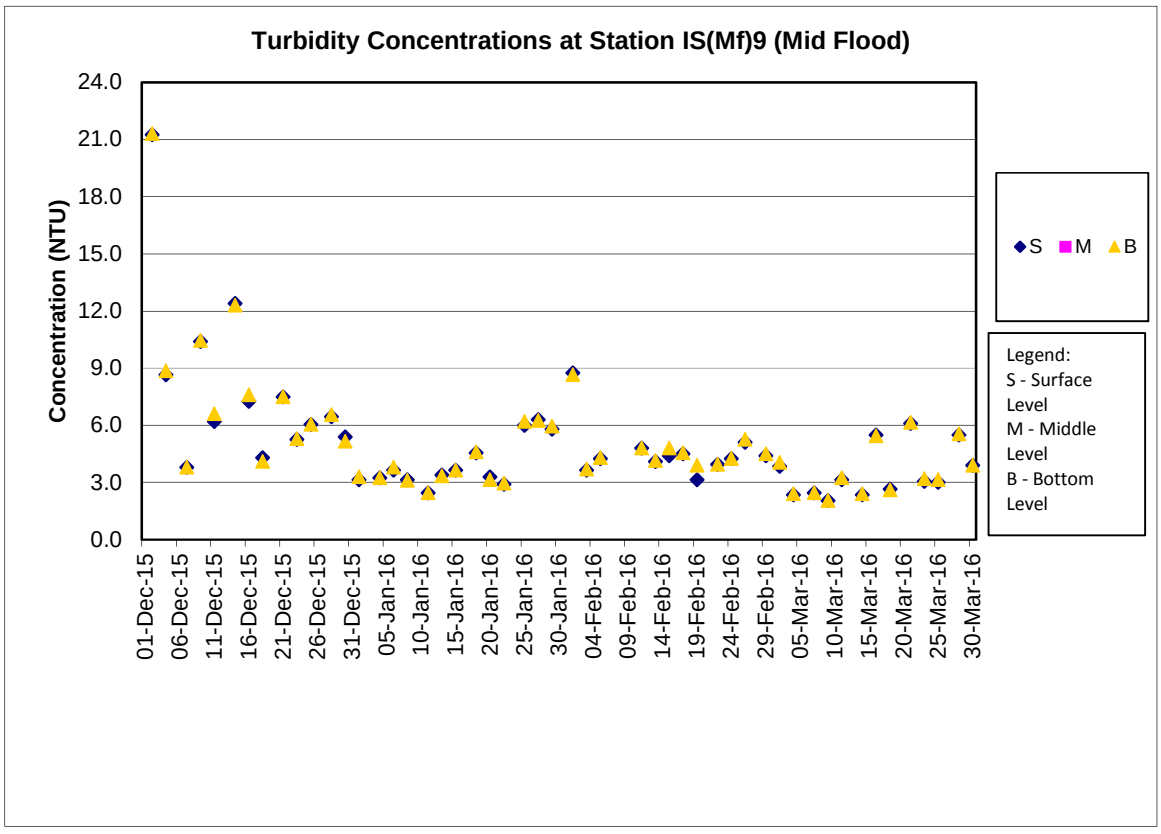

Turbidity Concentrations at Station IS7 (Mid Ebb)
Concentration (NTU)
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16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

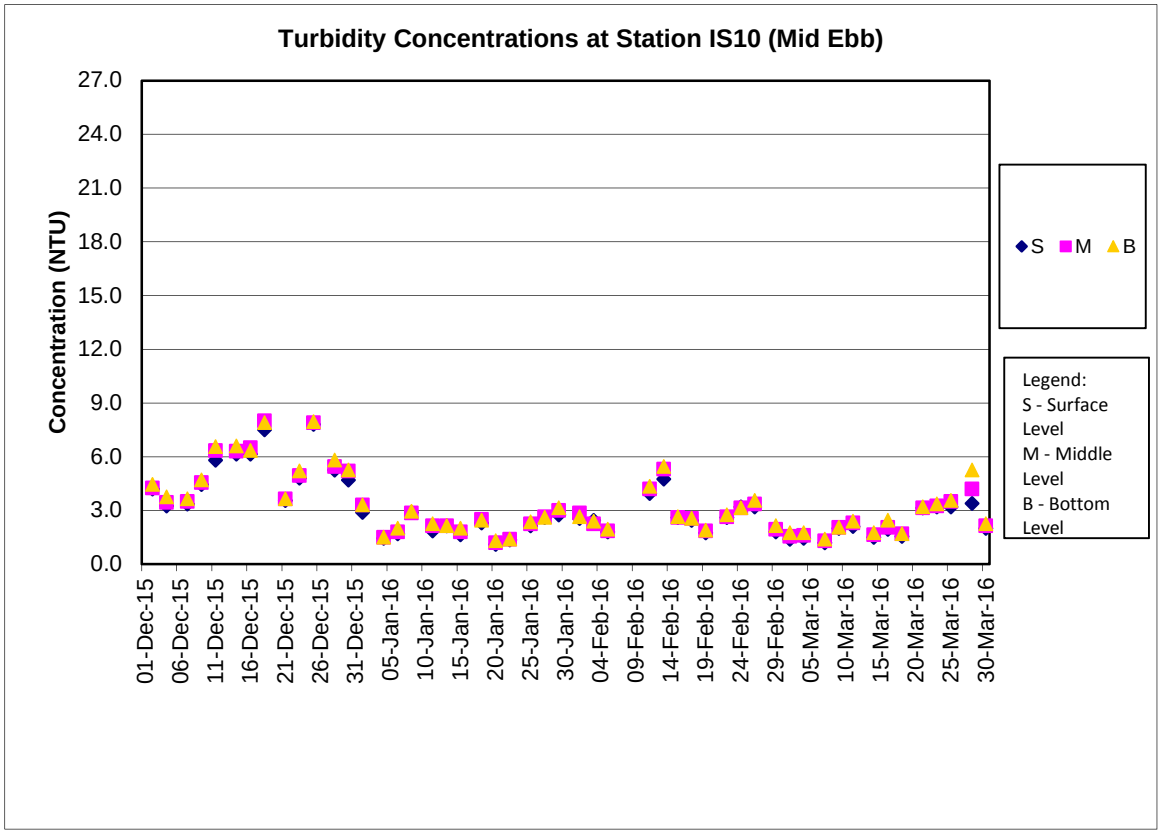

Turbidity Concentrations at Station IS7 (Mid Flood)
Concentration (NTU)
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16
05-Mar-16
10-Mar-16
15-Mar-16
20-Mar-16
25-Mar-16
30-Mar-16
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

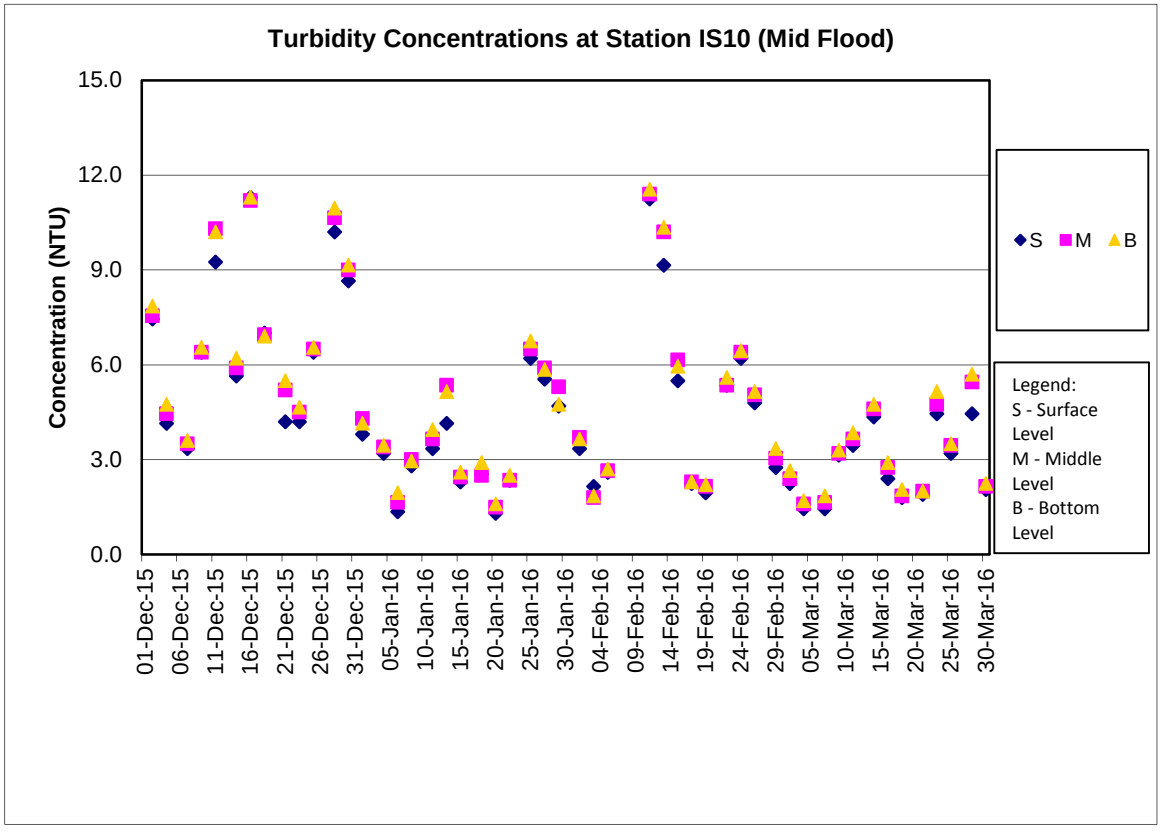

Turbidity Concentrations at Station IS8 (Mid Ebb)
Concentration (NTU)
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16
05-Mar-16
10-Mar-16
15-Mar-16
20-Mar-16
25-Mar-16
30-Mar-16
S
B
Legend:
S - Surface Level
B - Bottom Level

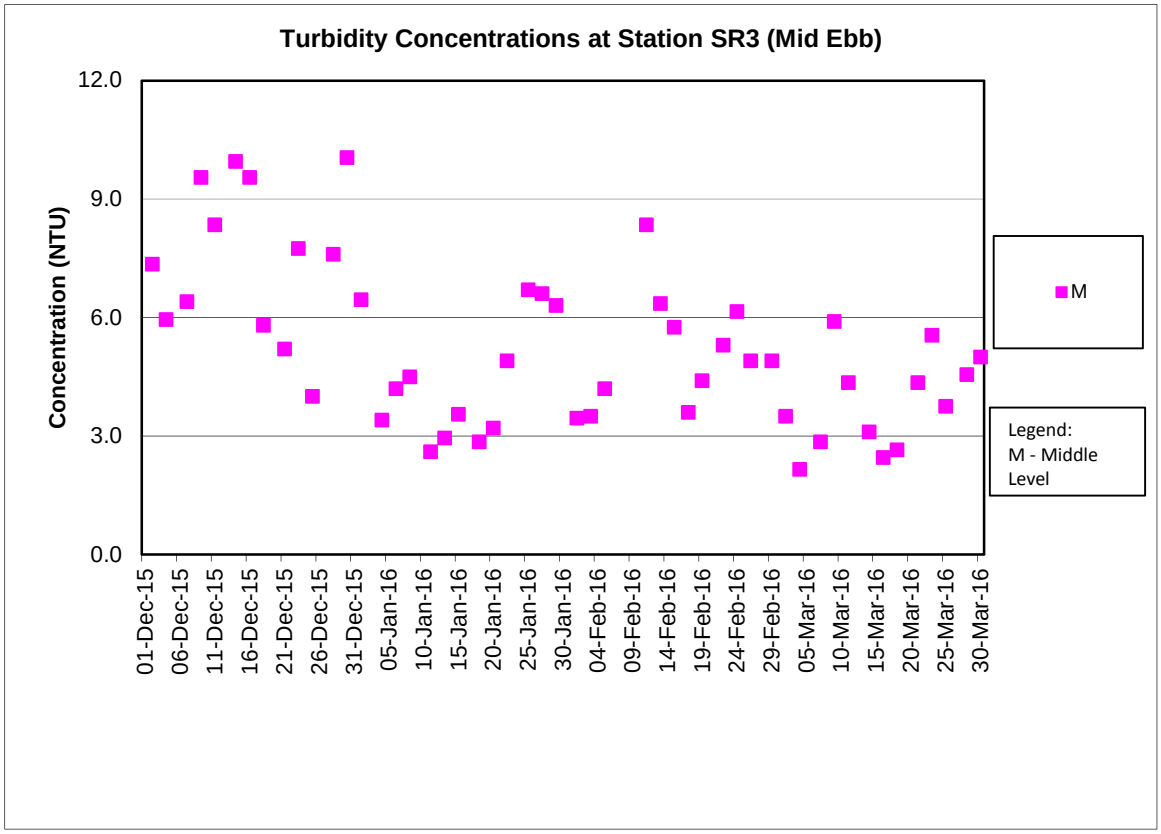

Turbidity Concentrations at Station IS8 (Mid Flood)
Concentration (NTU)
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16
05-Mar-16
10-Mar-16
15-Mar-16
20-Mar-16
25-Mar-16
30-Mar-16
S
B
Legend:
S - Surface Level
B - Bottom Level

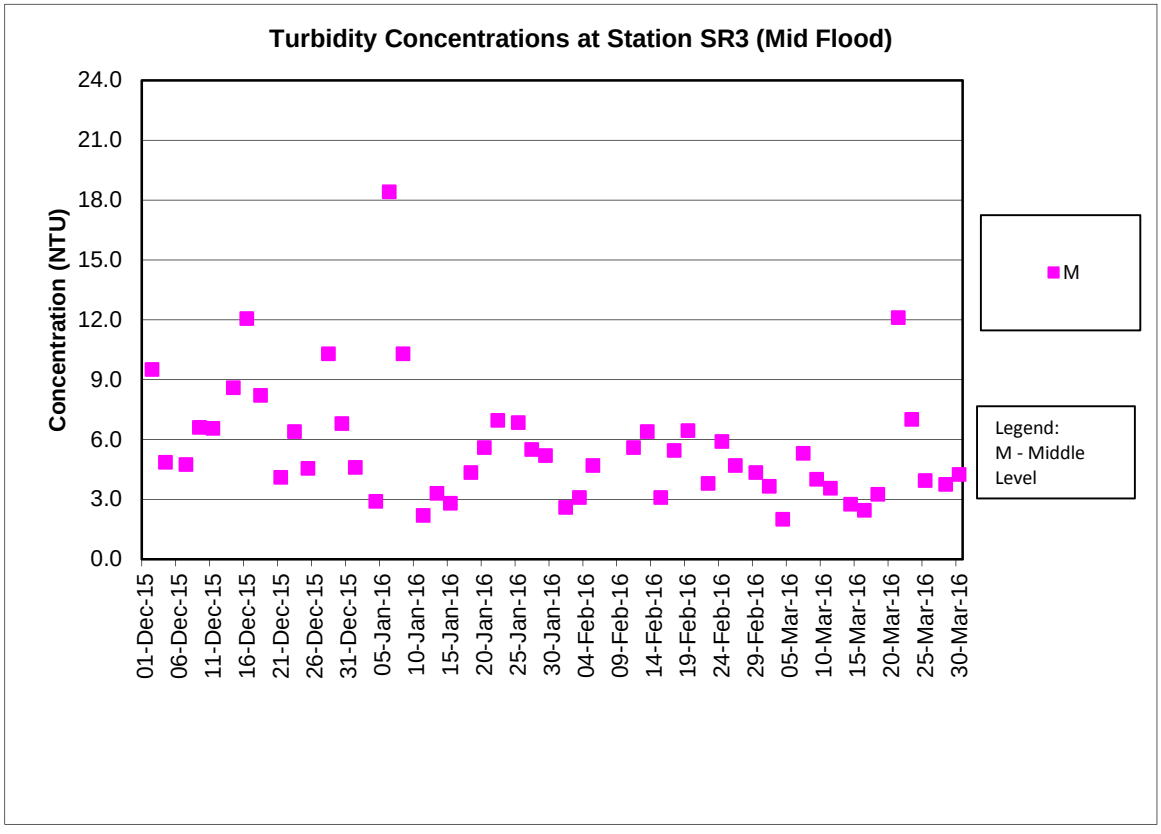

Turbidity Concentrations at Station IS(Mf)9 (Mid Ebb)
Concentration (NTU)
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16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

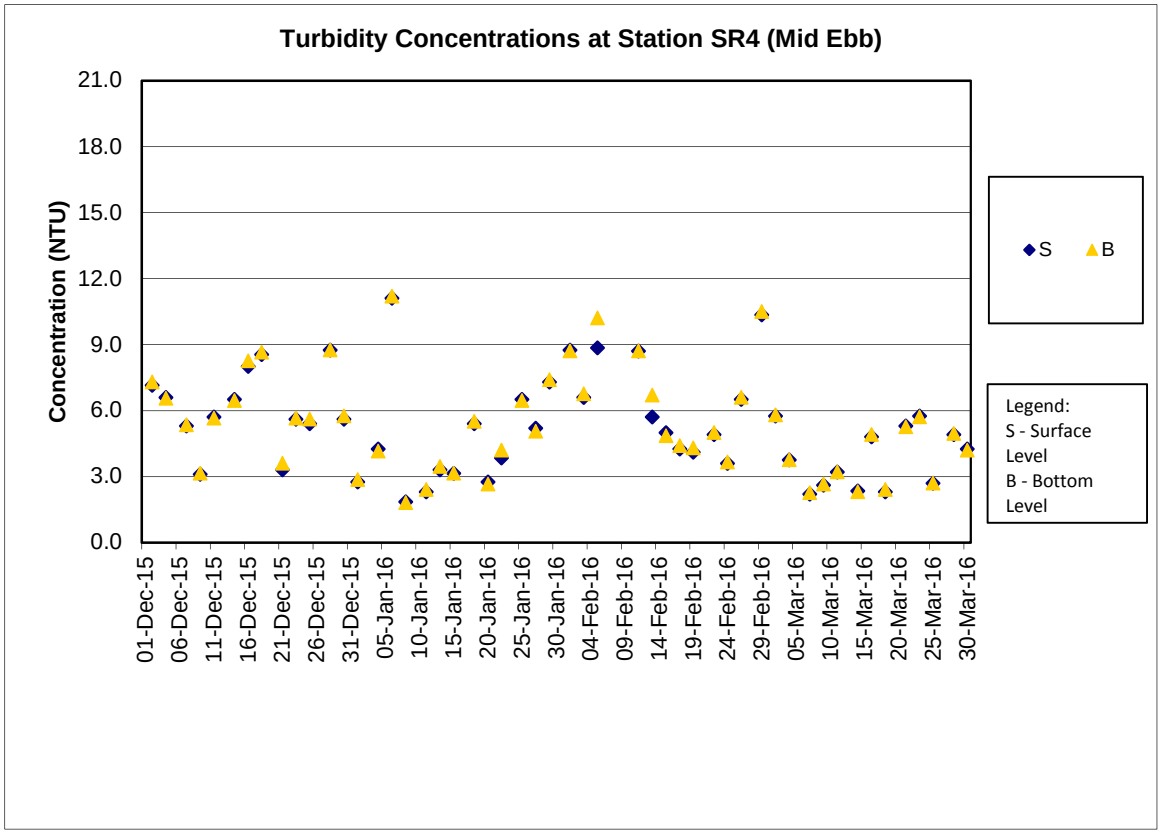

Turbidity Concentrations at Station IS(Mf)9 (Mid Flood)
Concentration (NTU)
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16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

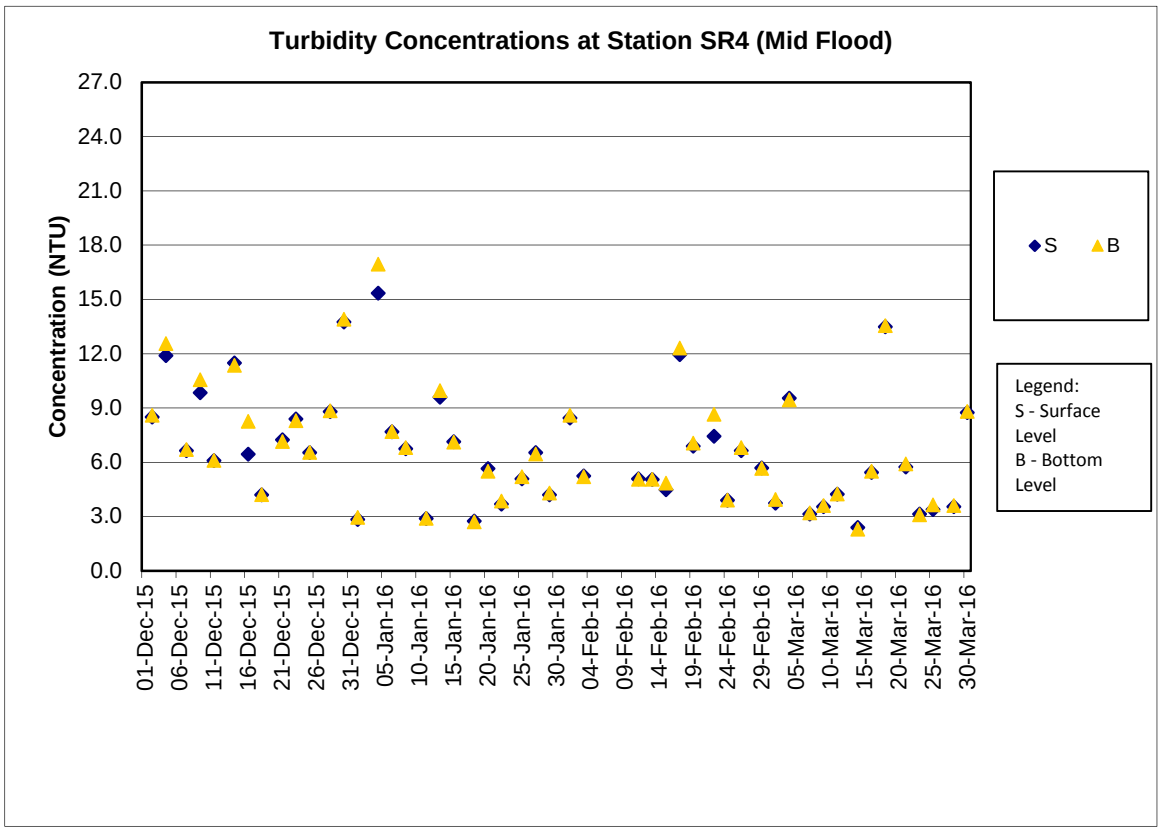

Turbidity Concentrations at Station IS10 (Mid Ebb)
Concentration (NTU)
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16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

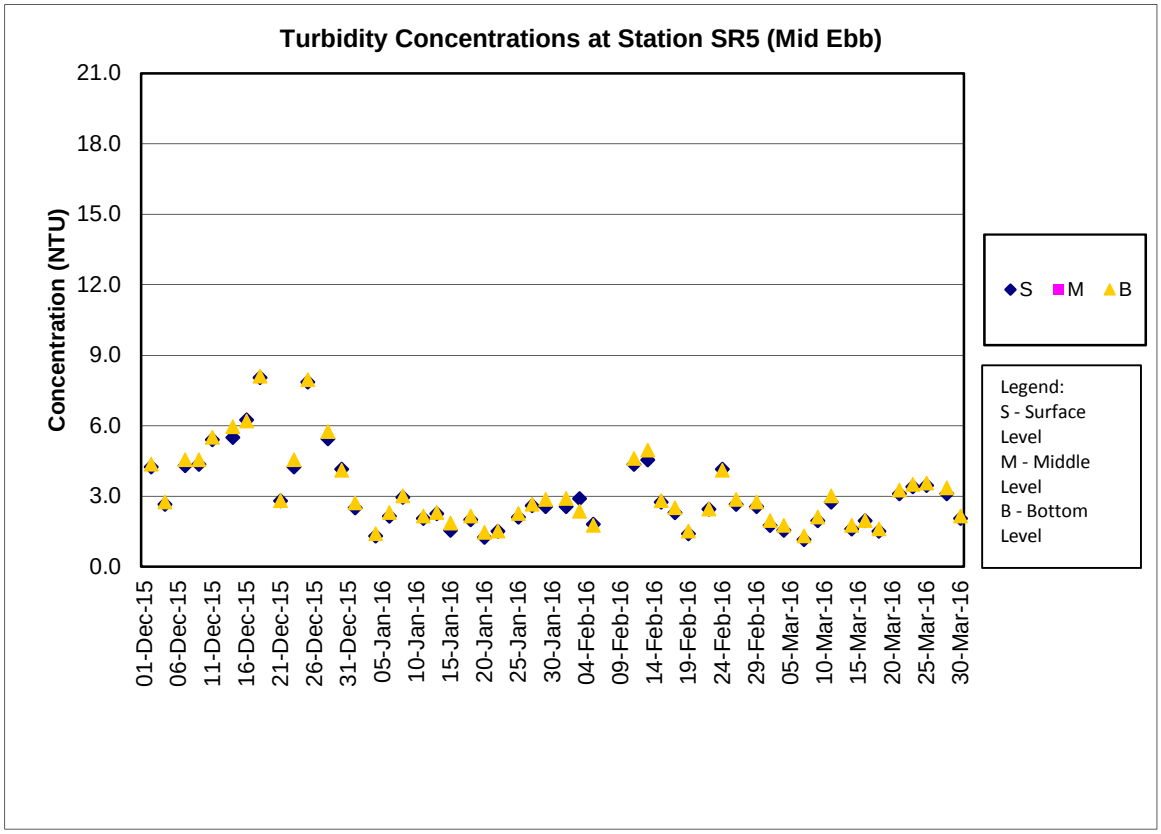

Turbidity Concentrations at Station IS10 (Mid Flood)
Concentration (NTU)
15.0
12.0
9.0
6.0
3.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16
05-Mar-16
10-Mar-16
15-Mar-16
20-Mar-16
25-Mar-16
30-Mar-16
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

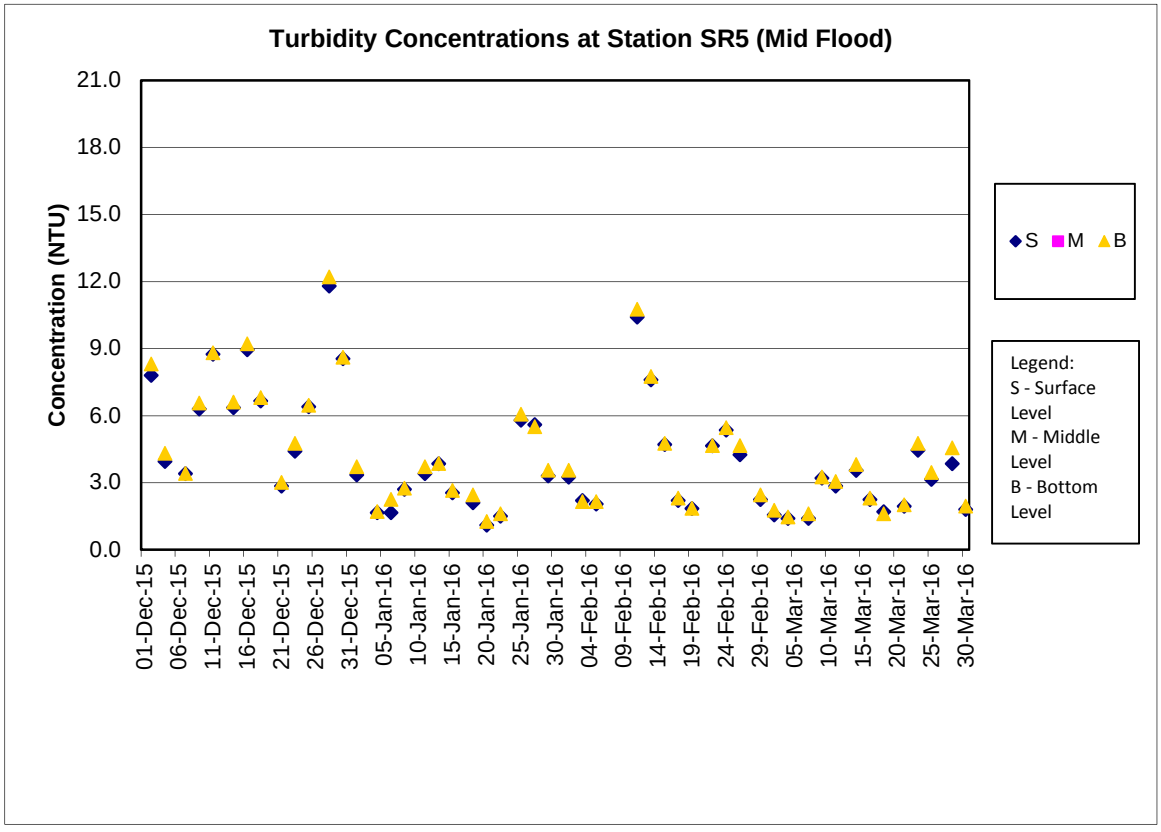

Turbidity Concentrations at Station SR3 (Mid Ebb)
Concentration (NTU)
12.0
9.0
6.0
3.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16
05-Mar-16
10-Mar-16
15-Mar-16
20-Mar-16
25-Mar-16
30-Mar-16
M
Legend:
M - Middle
Level

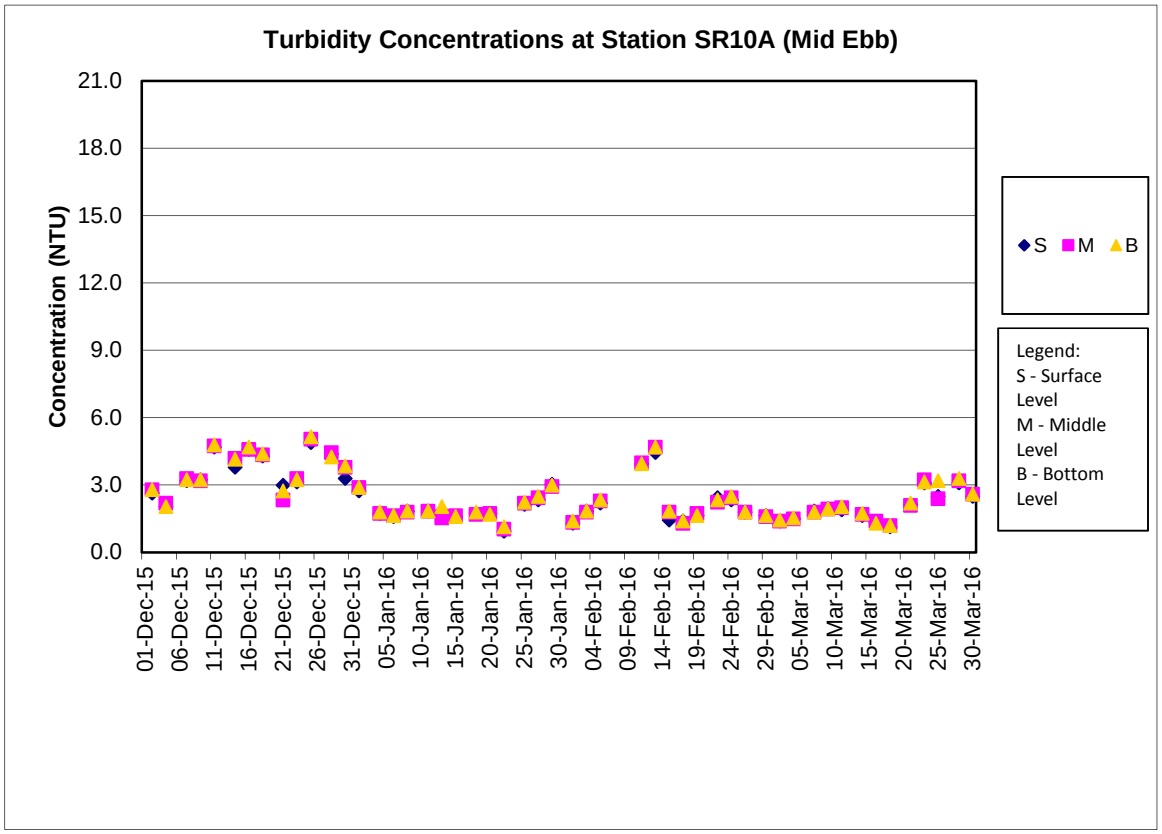

Turbidity Concentrations at Station SR3 (Mid Flood)
Concentration (NTU)
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16
05-Mar-16
10-Mar-16
15-Mar-16
20-Mar-16
25-Mar-16
30-Mar-16
M
Legend:
M - Middle
Level

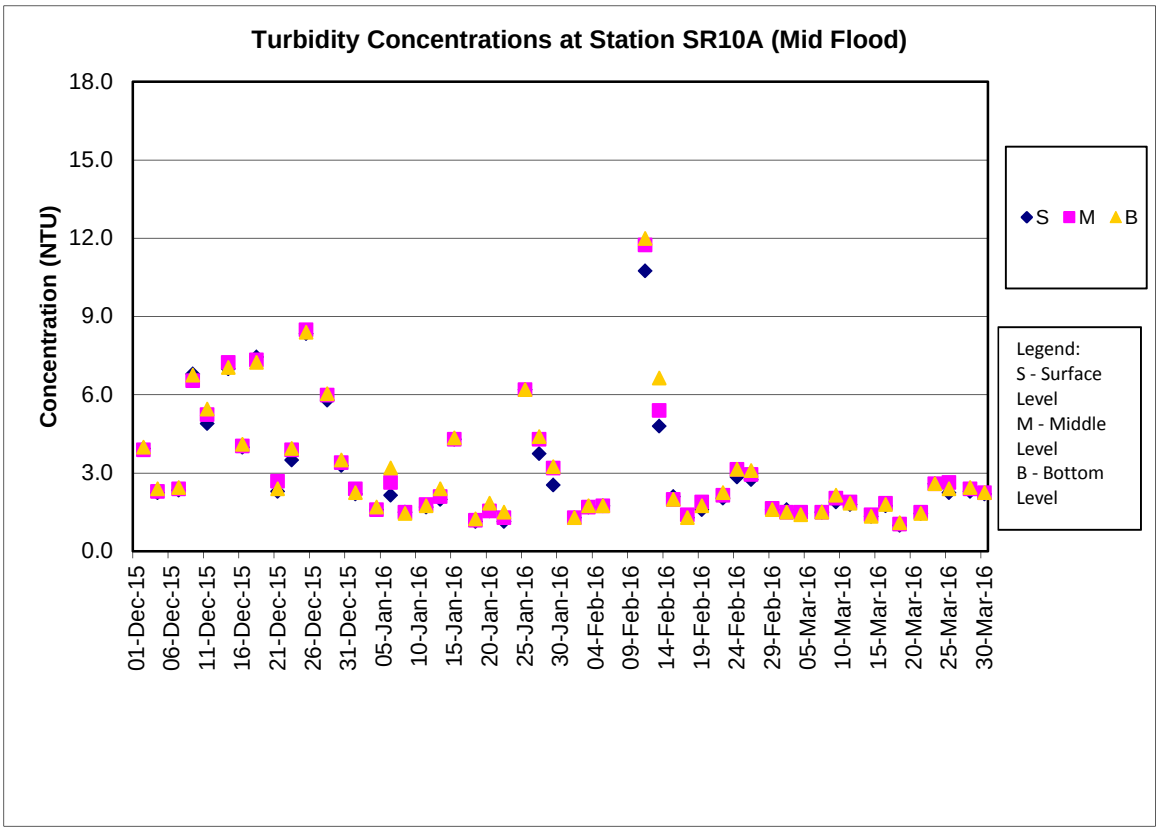

Turbidity Concentrations at Station SR4 (Mid Ebb)
Concentration (NTU)
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16
05-Mar-16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

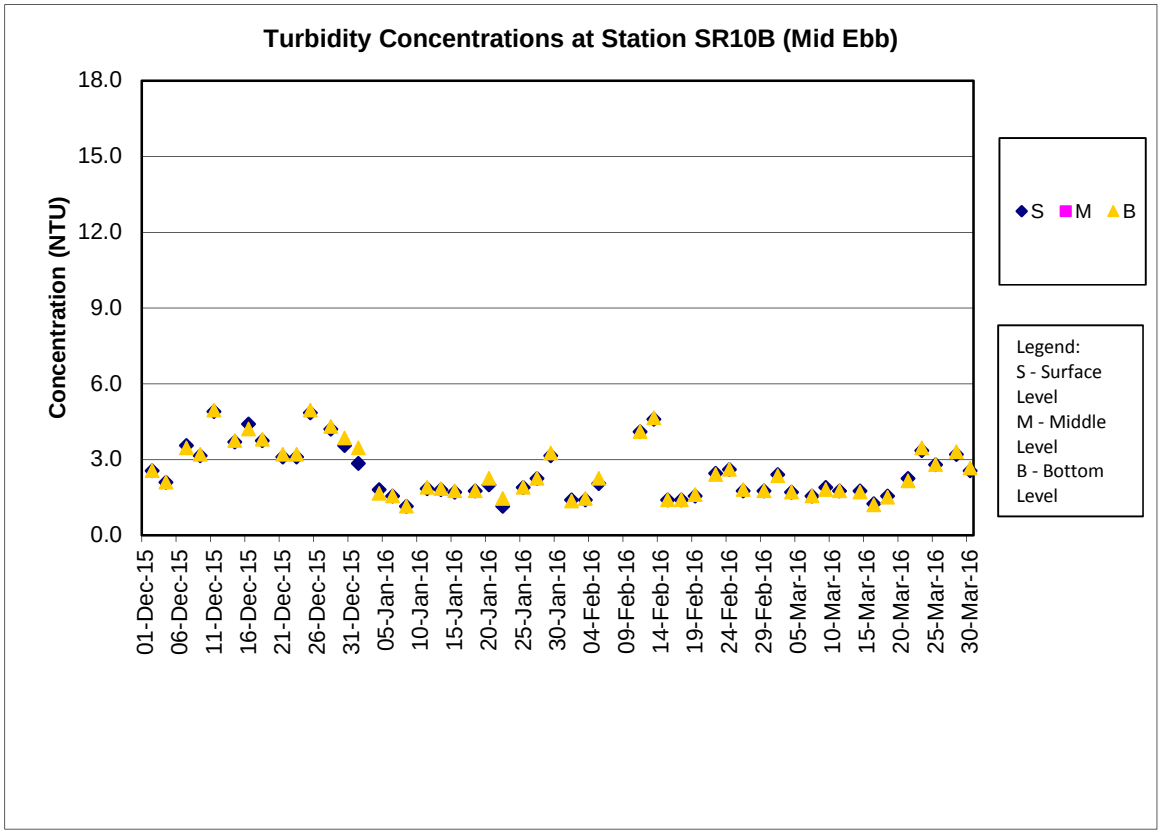

Turbidity Concentrations at Station SR4 (Mid Flood)
Concentration (NTU)
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16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

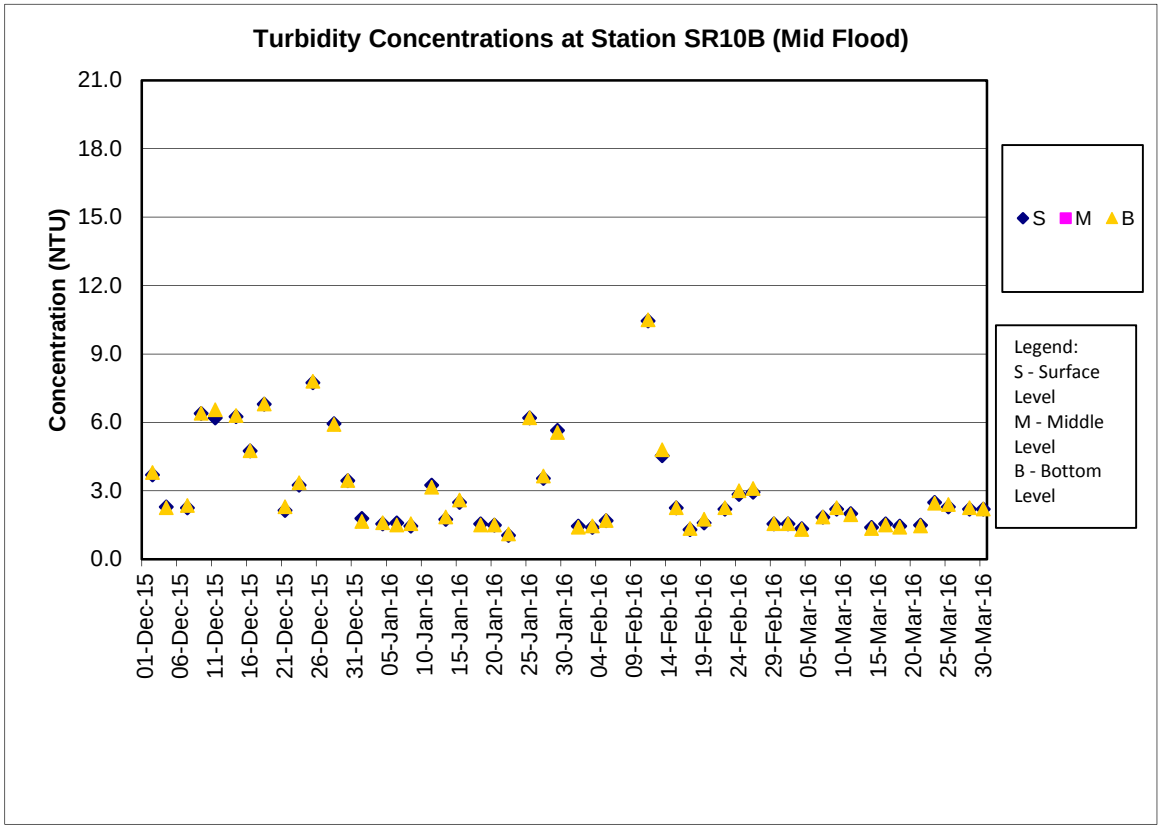

Turbidity Concentrations at Station SR5 (Mid Ebb)
Concentration (NTU)
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16
05-Mar-16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

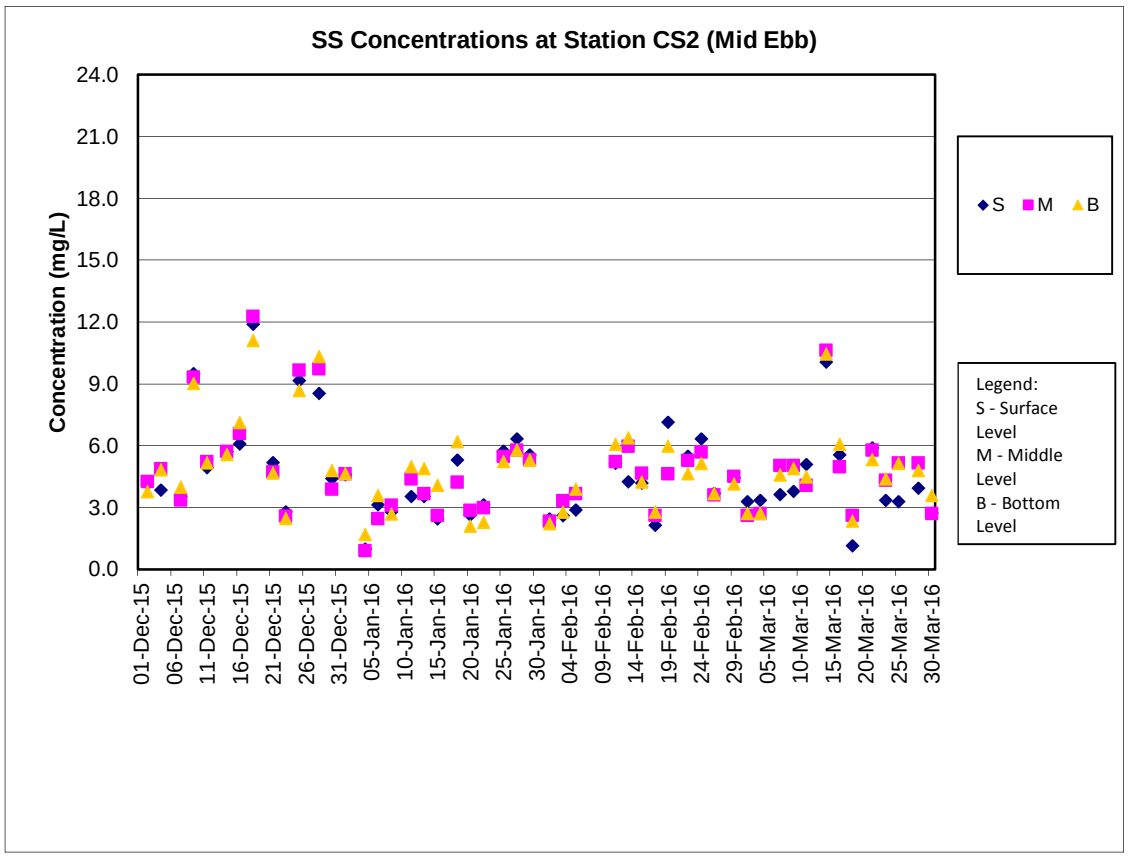

Turbidity Concentrations at Station SR5 (Mid Flood)
Concentration (NTU)
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16
05-Mar-16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

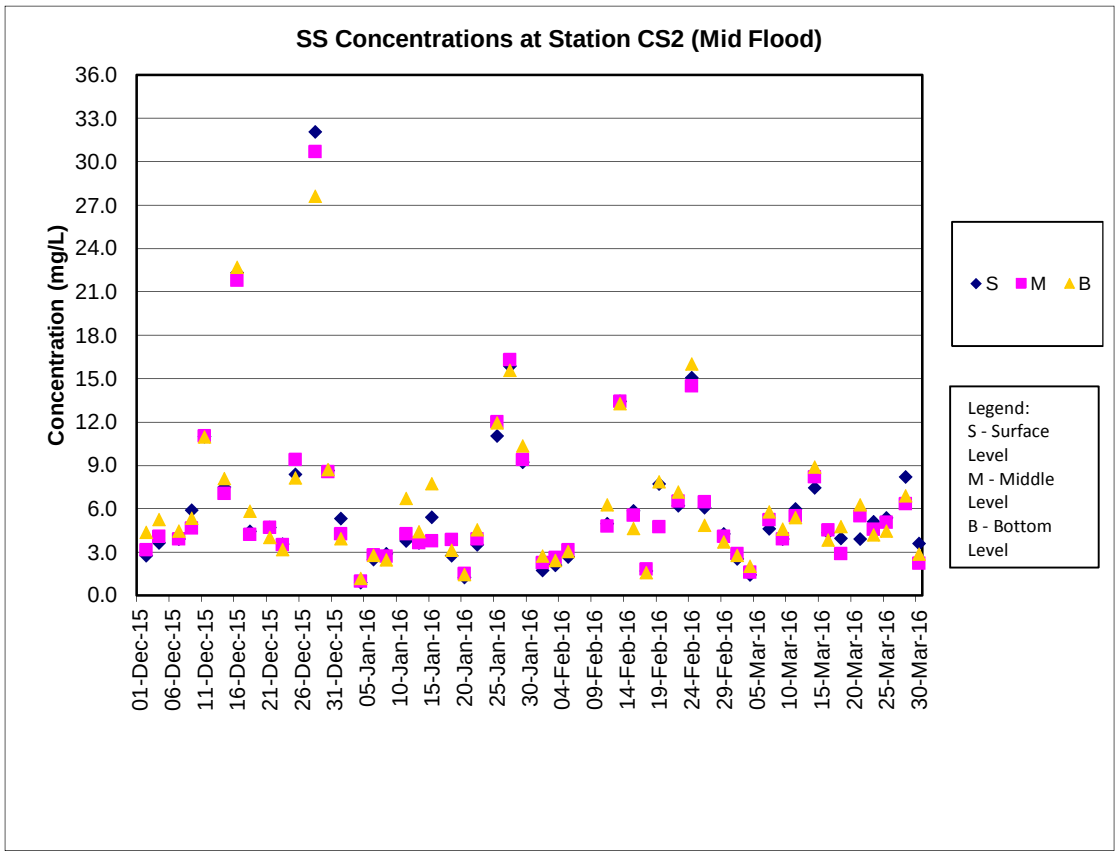

Turbidity Concentrations at Station SR10A (Mid Ebb)
Concentration (NTU)
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16
05-Mar-16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

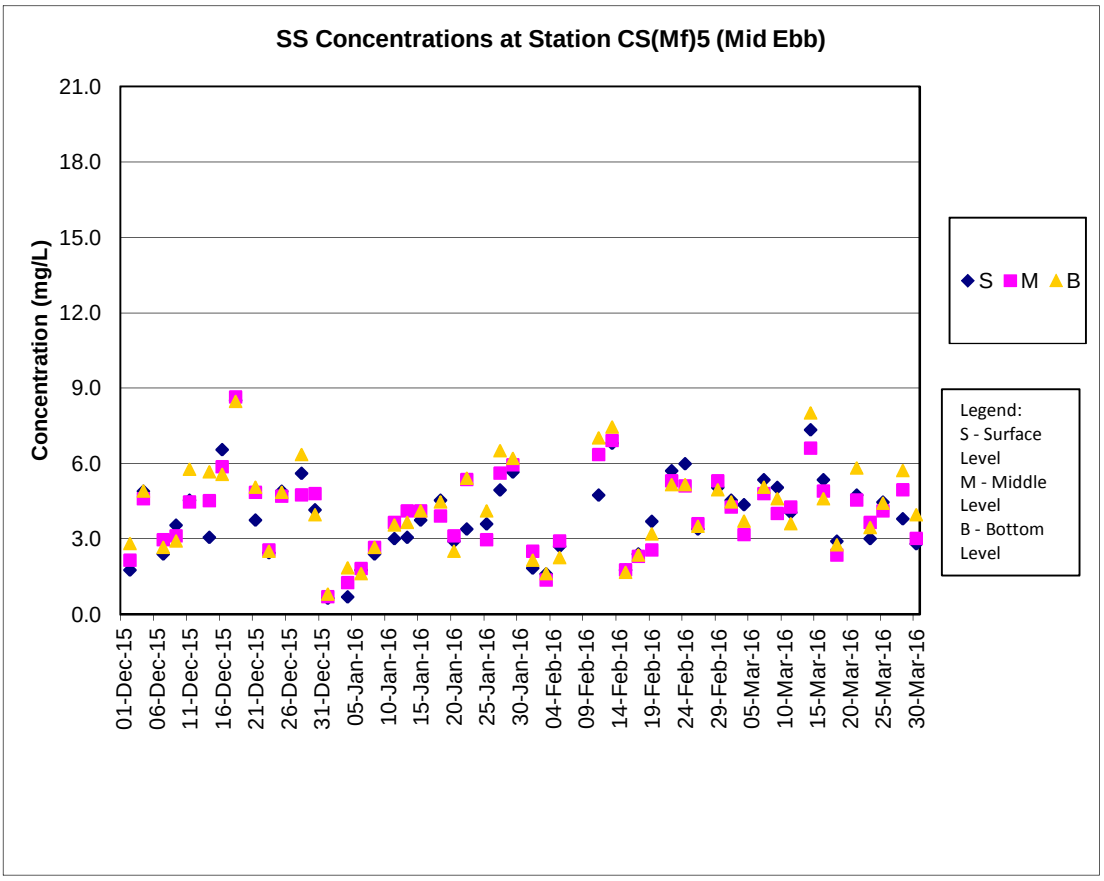

Turbidity Concentrations at Station SR10A (Mid Flood)
Concentration (NTU)
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16
05-Mar-16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

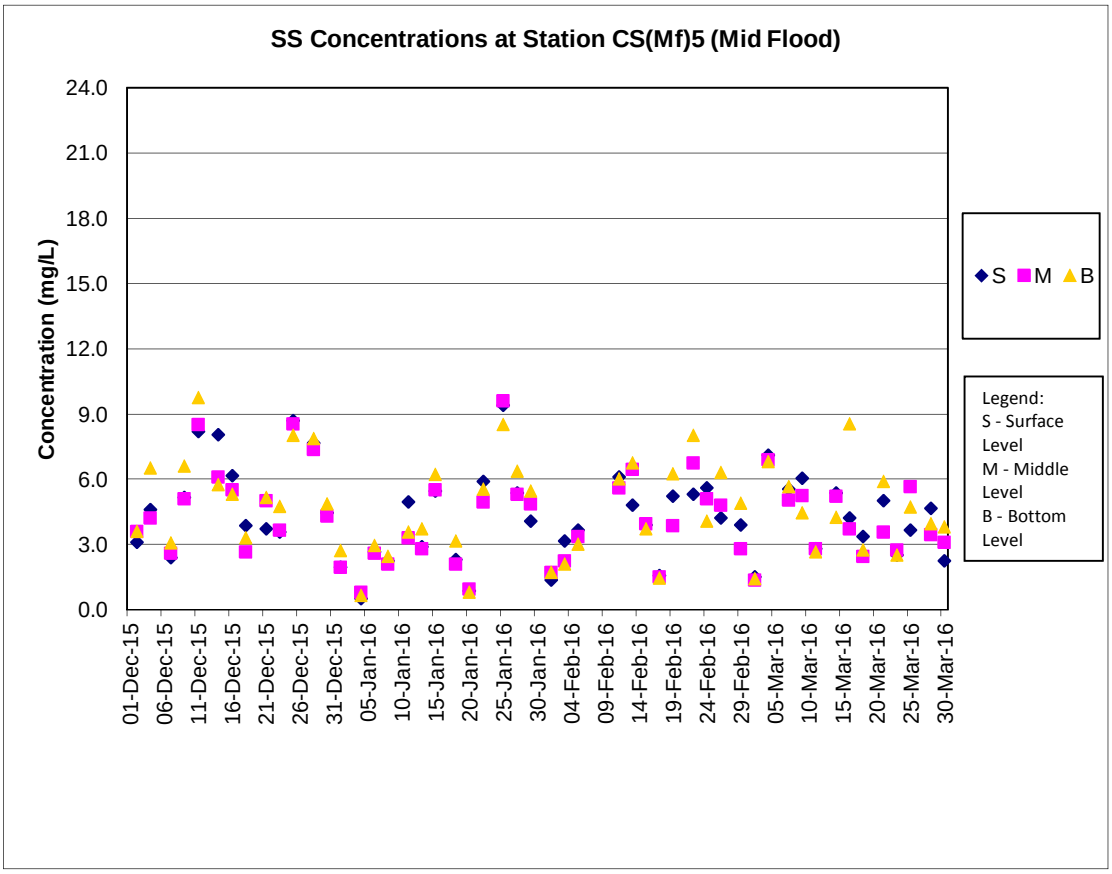

Turbidity Concentrations at Station SR10B (Mid Ebb)
Concentration (NTU)
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16
05-Mar-16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

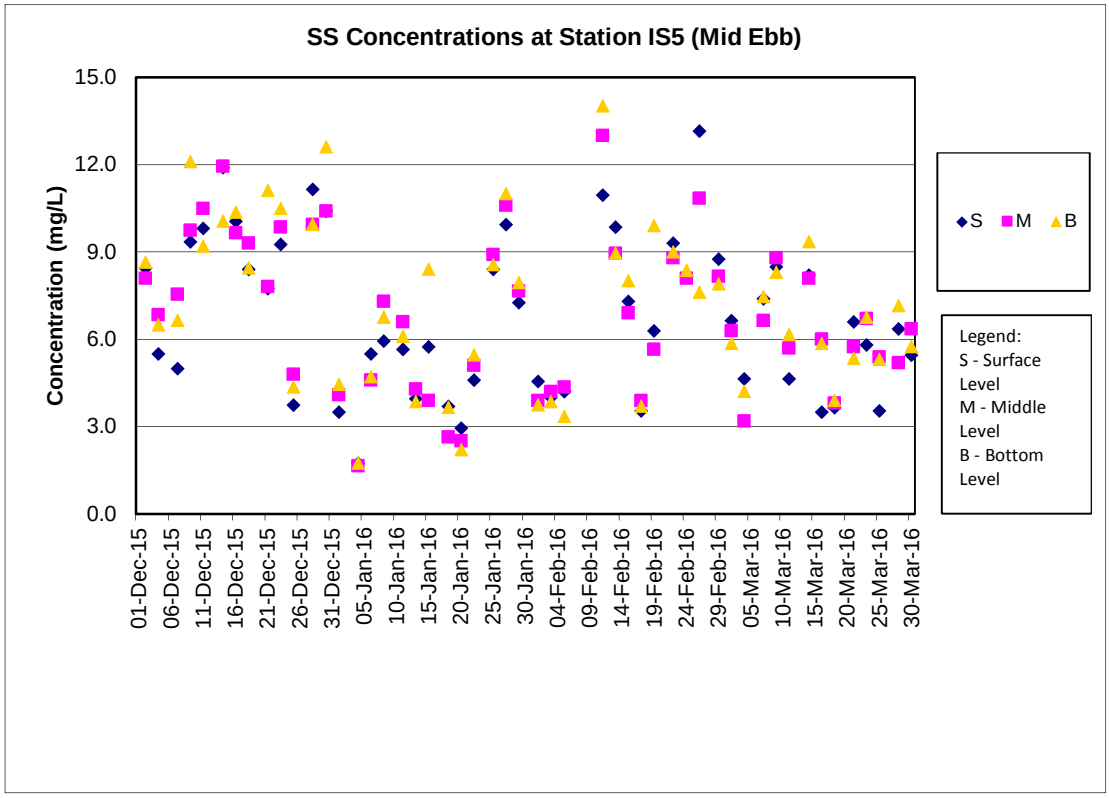

Turbidity Concentrations at Station SR10B (Mid Flood)
Concentration (NTU)
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16
05-Mar-16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

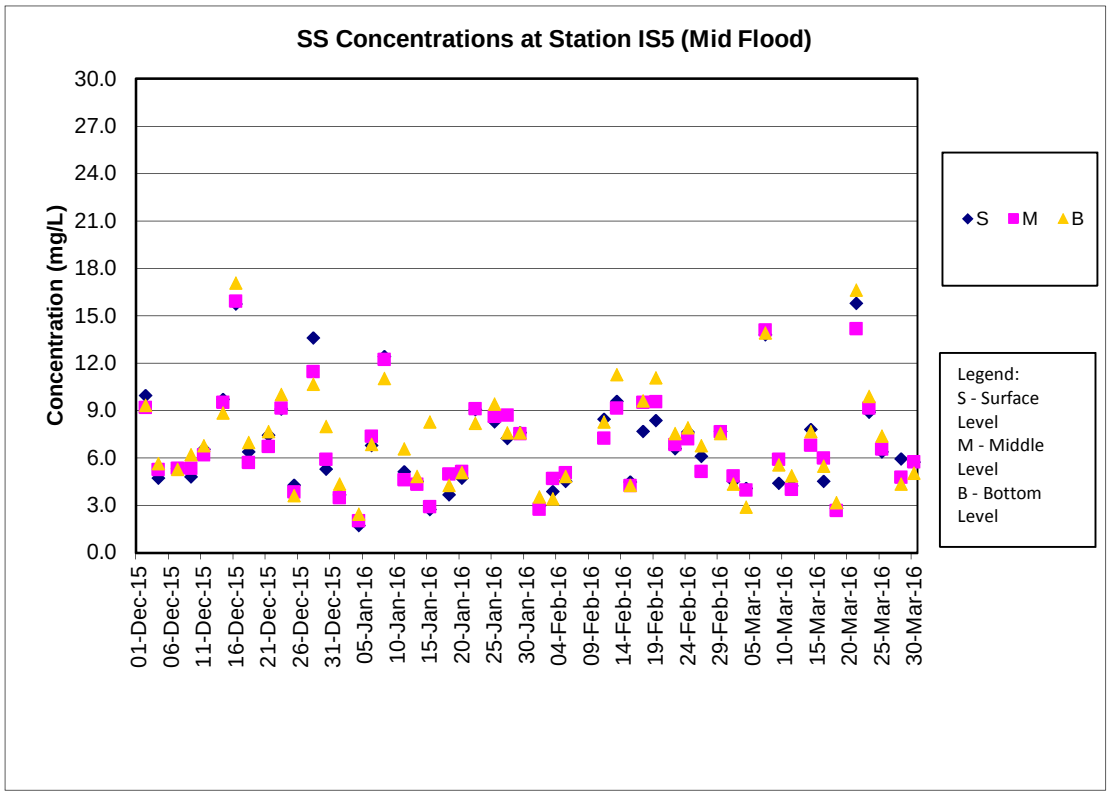

SS Concentrations at Station CS2 (Mid Ebb)
Concentration (mg/L)
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16
05-Mar-16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

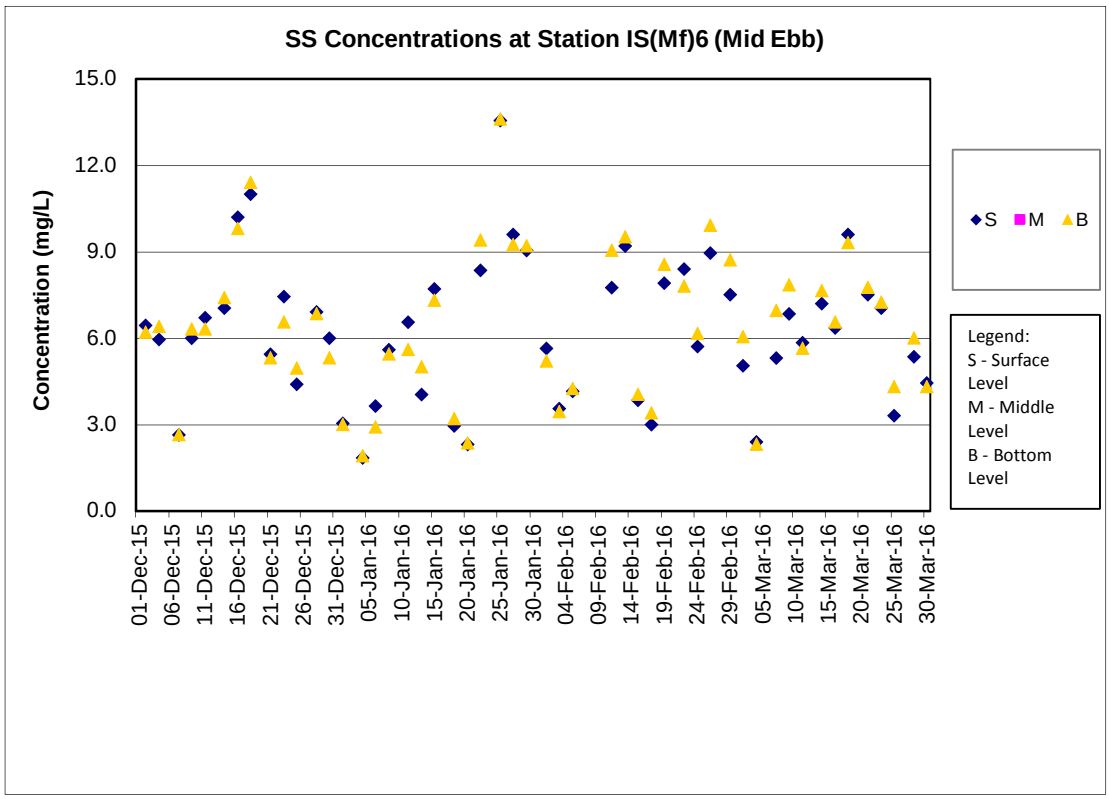

SS Concentrations at Station CS2 (Mid Flood)
Concentration (mg/L)
36.0
33.0
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16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

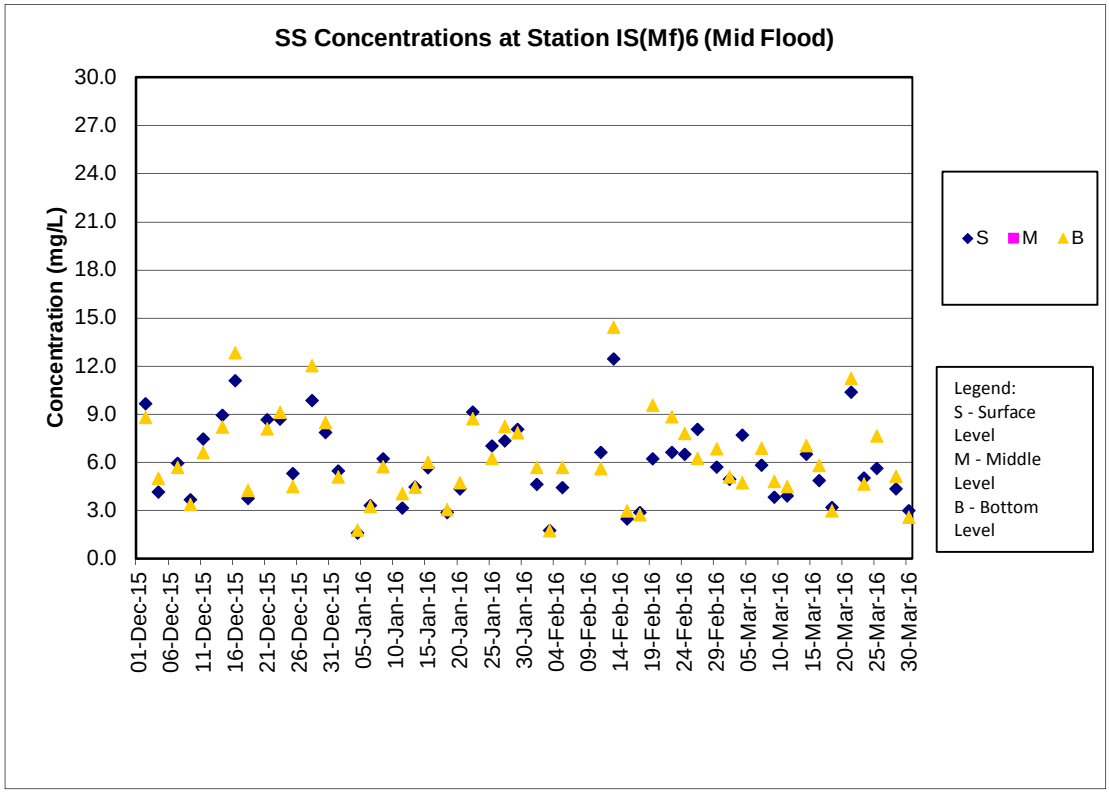

SS Concentrations at Station CS(Mf)5 (Mid Ebb)
Concentration (mg/L)
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16
05-Mar-16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

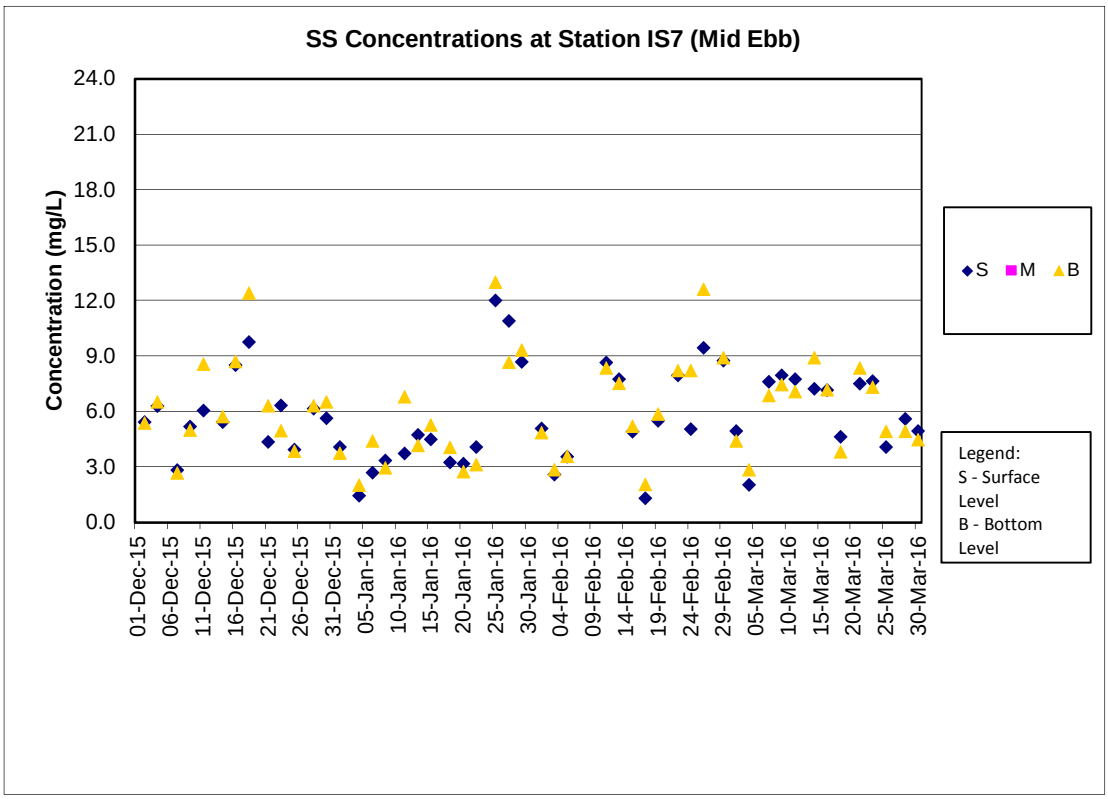

SS Concentrations at Station CS(Mf)5 (Mid Flood)
Concentration (mg/L)
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16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

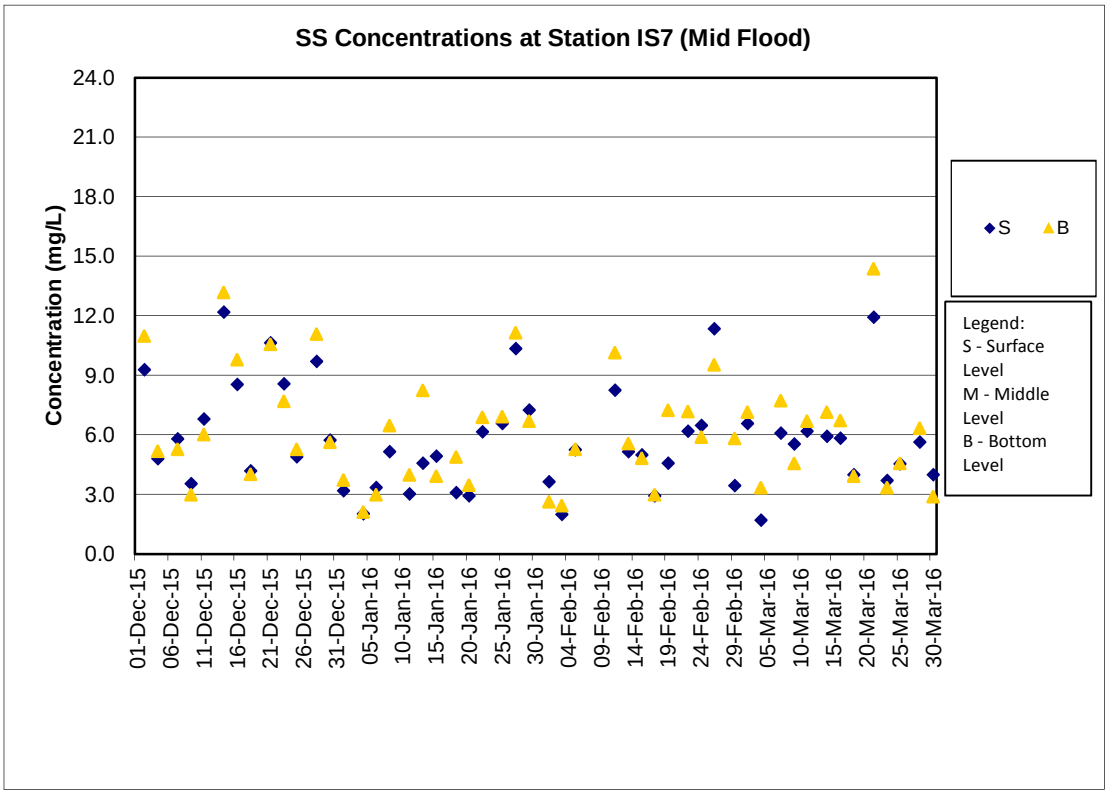

SS Concentrations at Station IS5 (Mid Ebb)
Concentration (mg/L)
15.0
12.0
9.0
6.0
3.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16
05-Mar-16
10-Mar-16
15-Mar-16
20-Mar-16
25-Mar-16
30-Mar-16
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

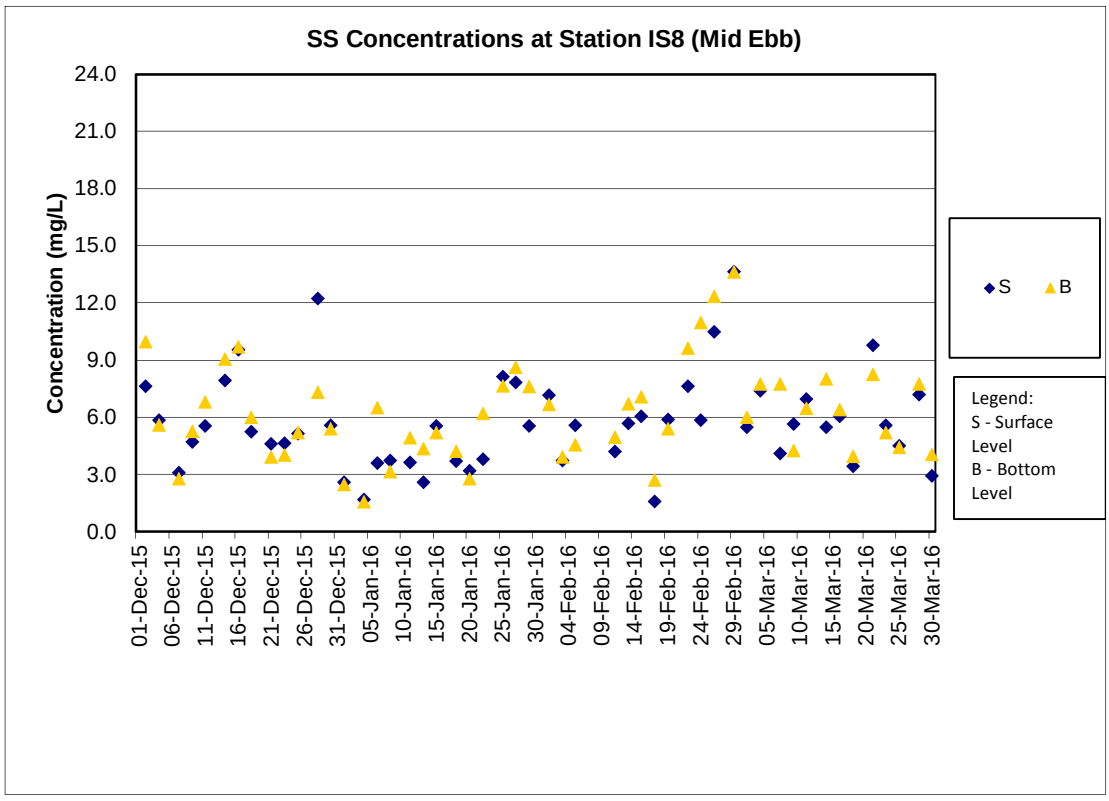

SS Concentrations at Station IS5 (Mid Flood)
Concentration (mg/L)
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16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

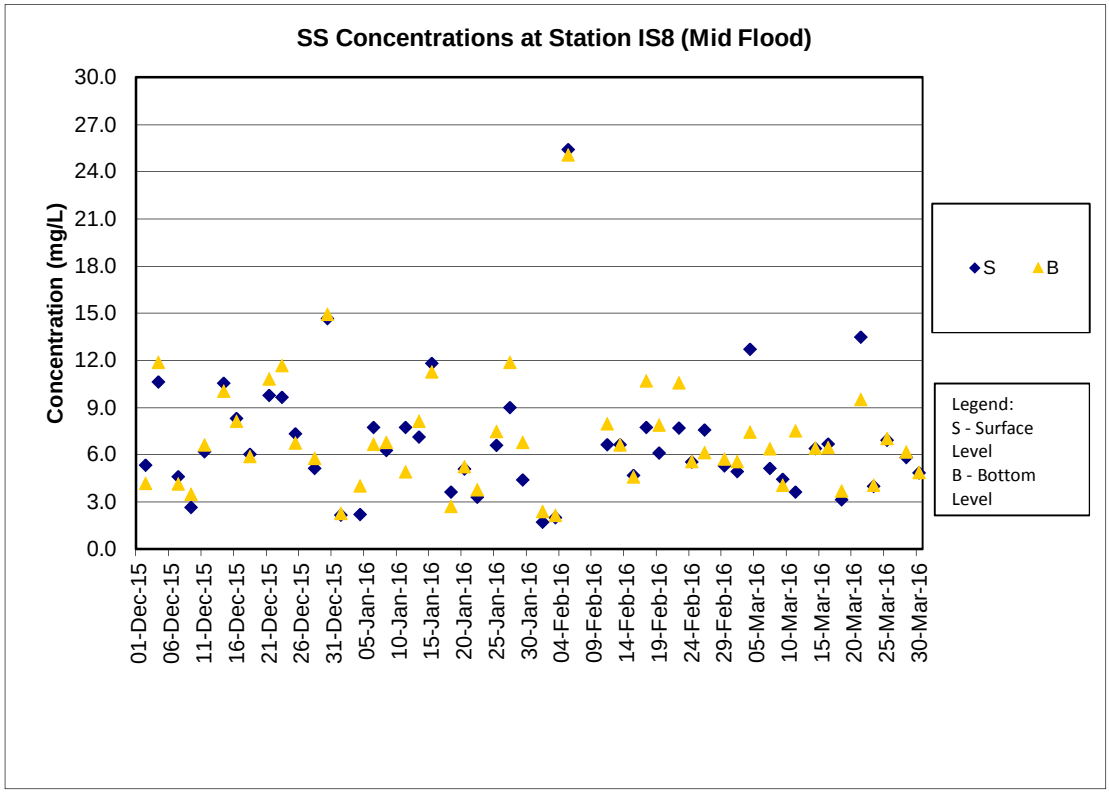

SS Concentrations at Station IS(Mf)6 (Mid Ebb)
Concentration (mg/L)
15.0
12.0
9.0
6.0
3.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16
05-Mar-16
10-Mar-16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

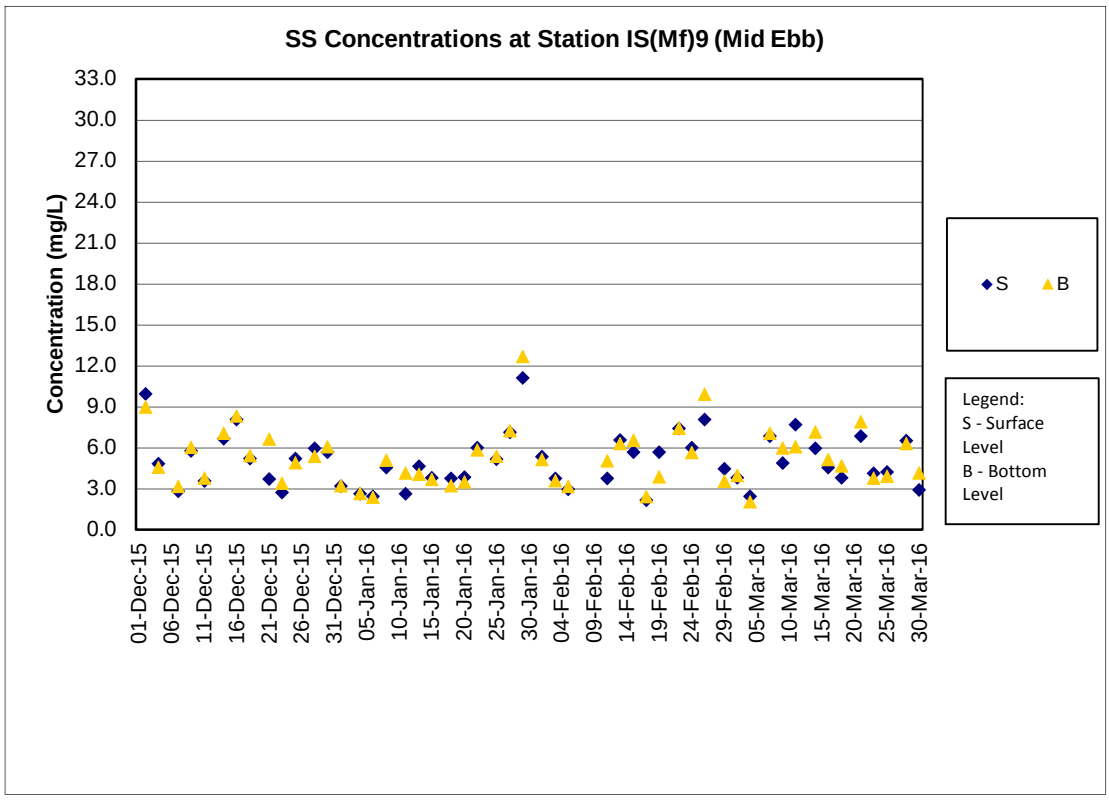

SS Concentrations at Station IS(Mf)6 (Mid Flood)
Concentration (mg/L)
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16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

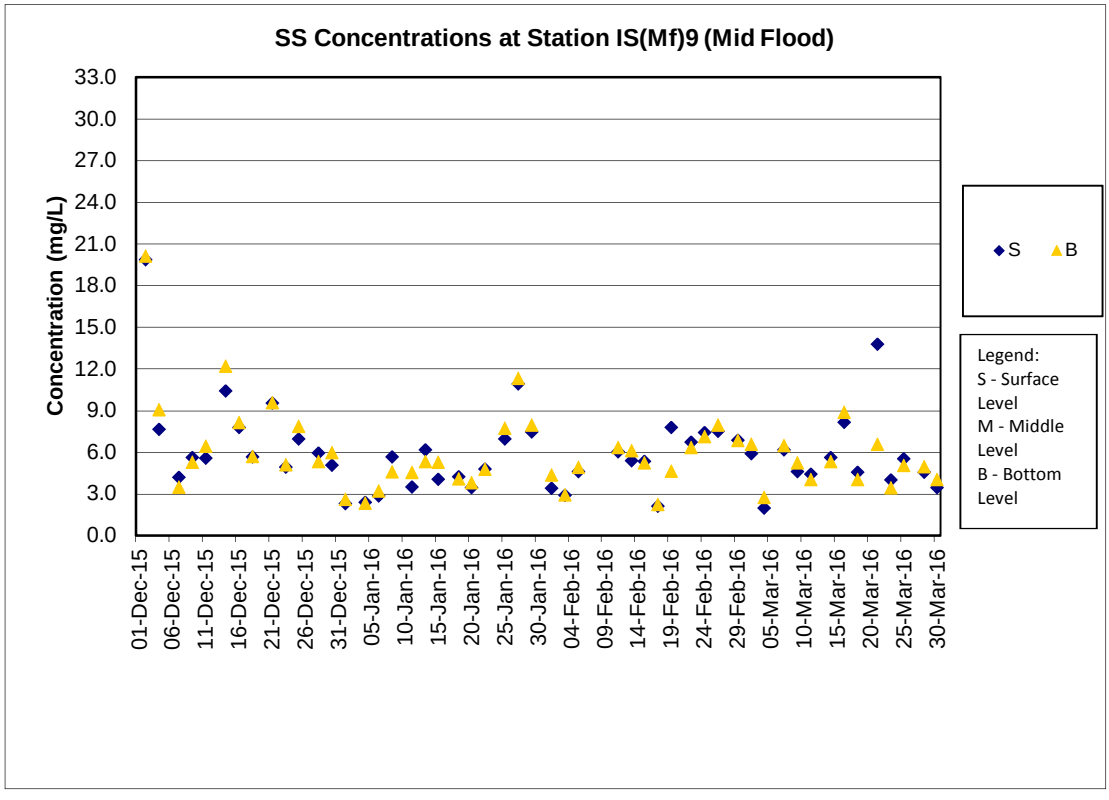

SS Concentrations at Station IS7 (Mid Ebb)
Concentration (mg/L)
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16
05-Mar-16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

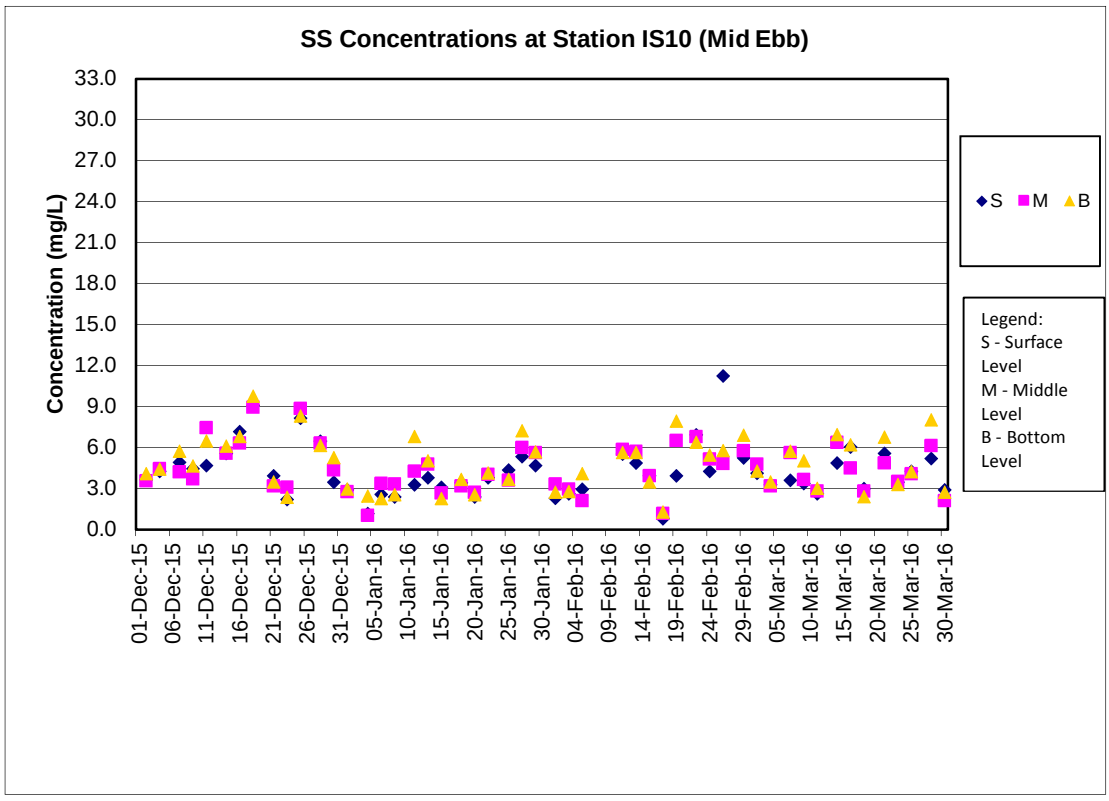

SS Concentrations at Station IS7 (Mid Flood)
Concentration (mg/L)
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16
05-Mar-16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

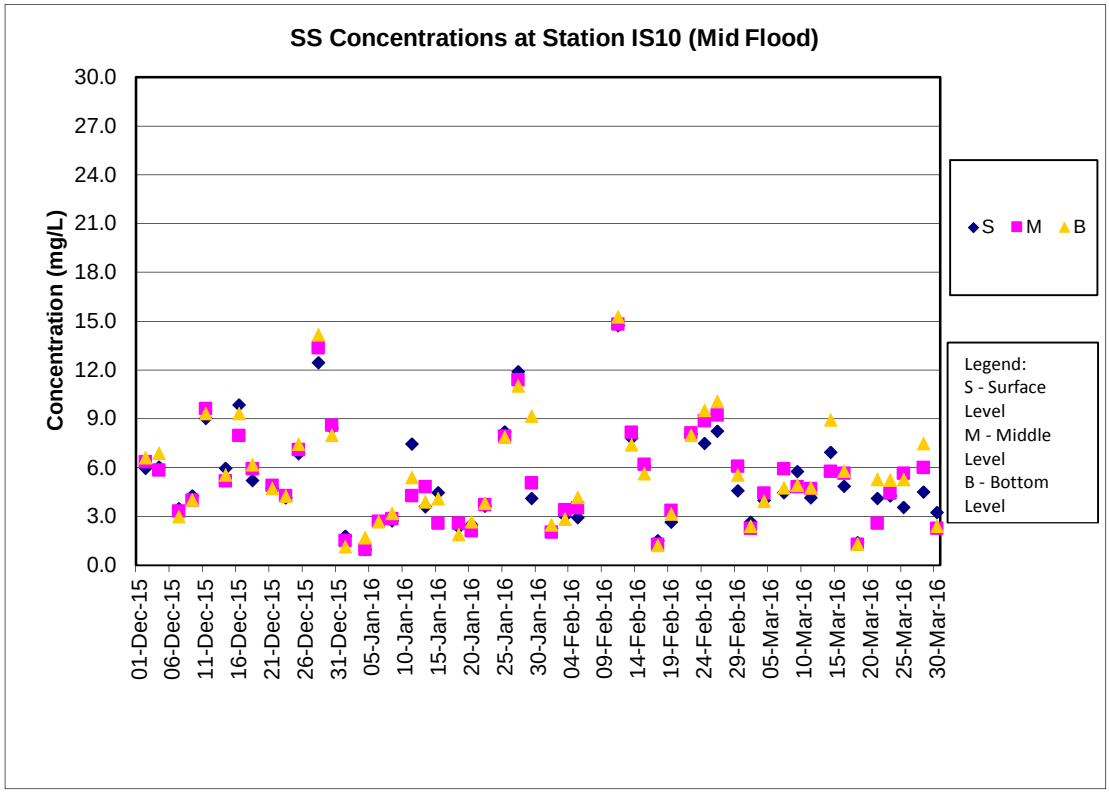

SS Concentrations at Station IS8 (Mid Ebb)
Concentration (mg/L)
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16
05-Mar-16
10-Mar-16
15-Mar-16
20-Mar-16
25-Mar-16
30-Mar-16
S
B
Legend:
S - Surface Level
B - Bottom Level

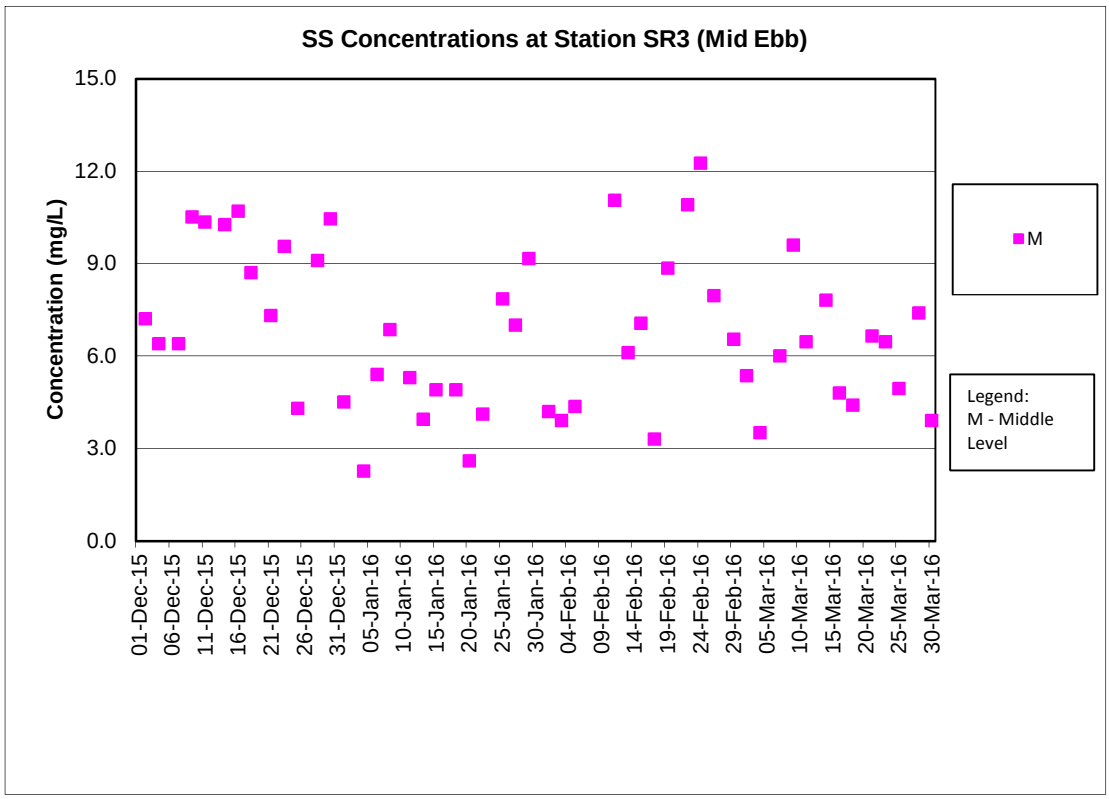

SS Concentrations at Station IS8 (Mid Flood)
Concentration (mg/L)
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16
05-Mar-16
10-Mar-16
15-Mar-16
20-Mar-16
25-Mar-16
30-Mar-16
S
B
Legend:
S - Surface Level
B - Bottom Level

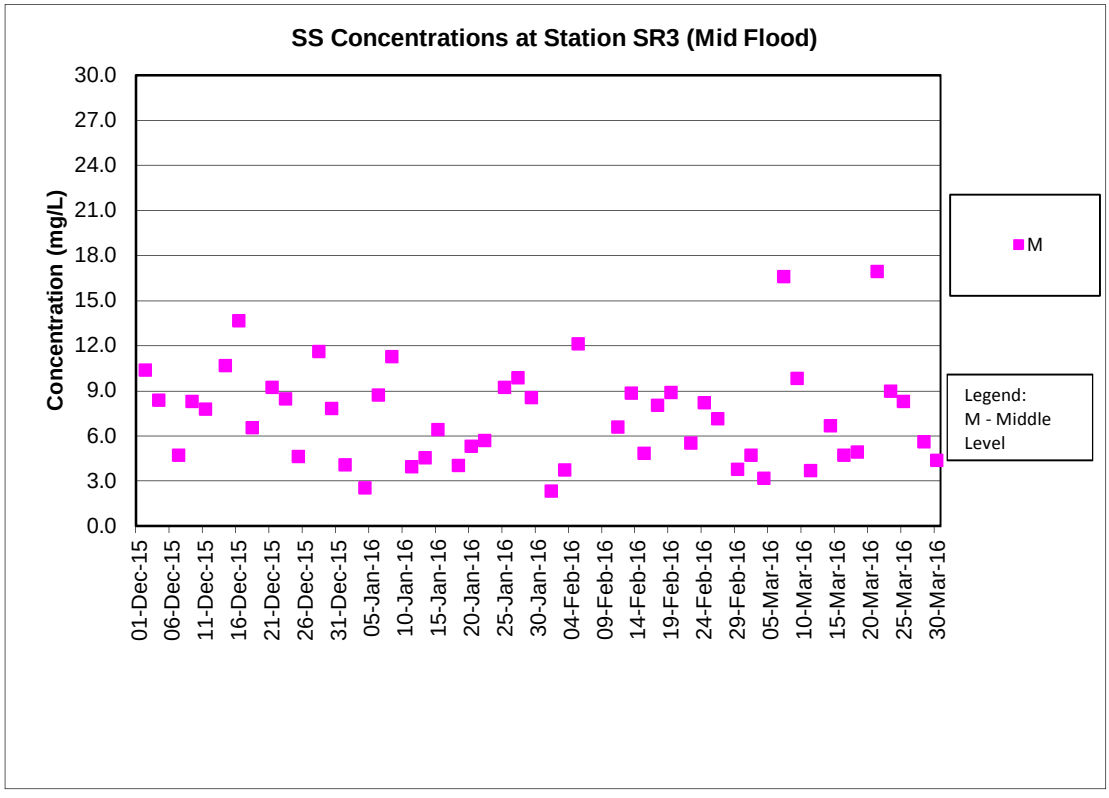

SS Concentrations at Station IS(Mf)9 (Mid Ebb)
Concentration (mg/L)
33.0
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16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

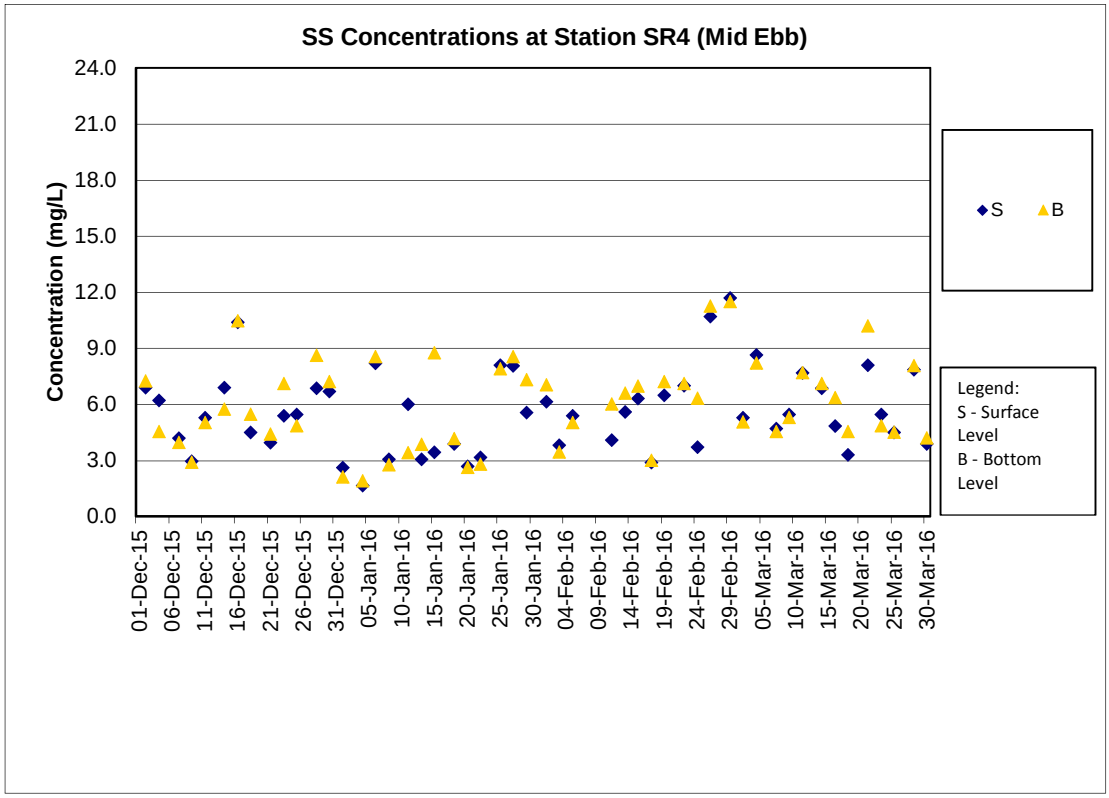

SS Concentrations at Station IS(Mf)9 (Mid Flood)
Concentration (mg/L)
33.0
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16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

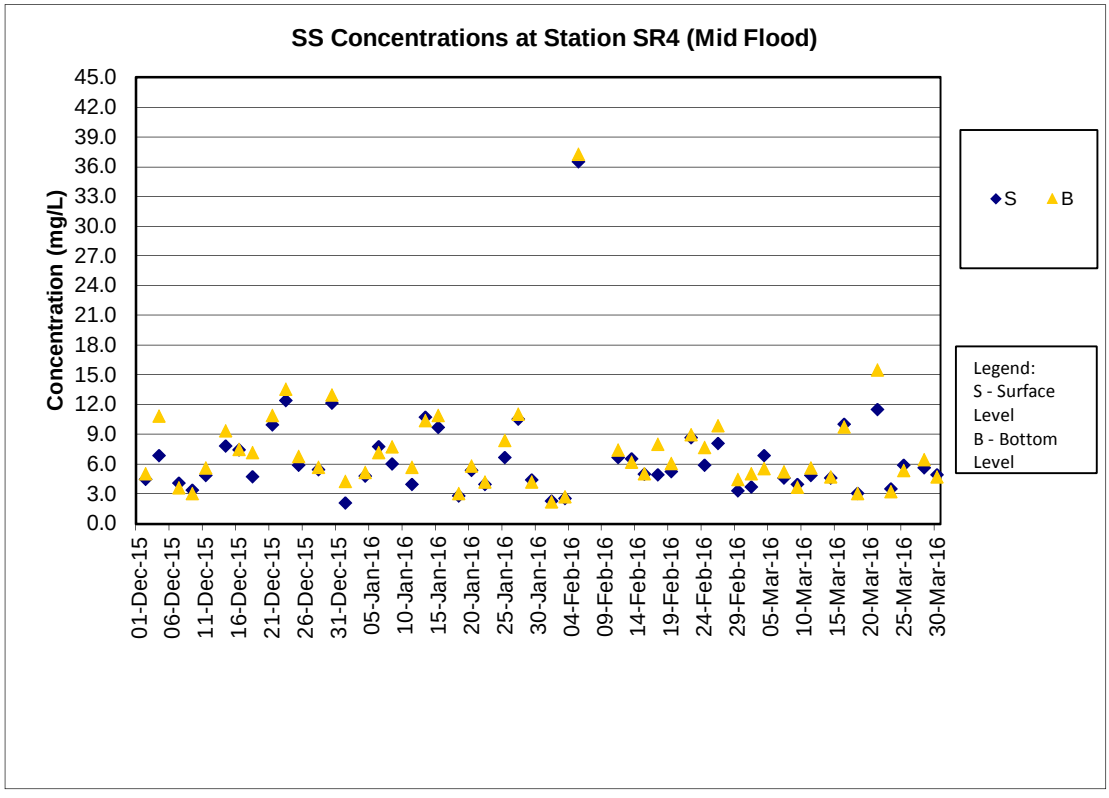

SS Concentrations at Station IS10 (Mid Ebb)
Concentration (mg/L)
33.0
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16
05-Mar-16
10-Mar-16
15-Mar-16
20-Mar-16
25-Mar-16
30-Mar-16
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

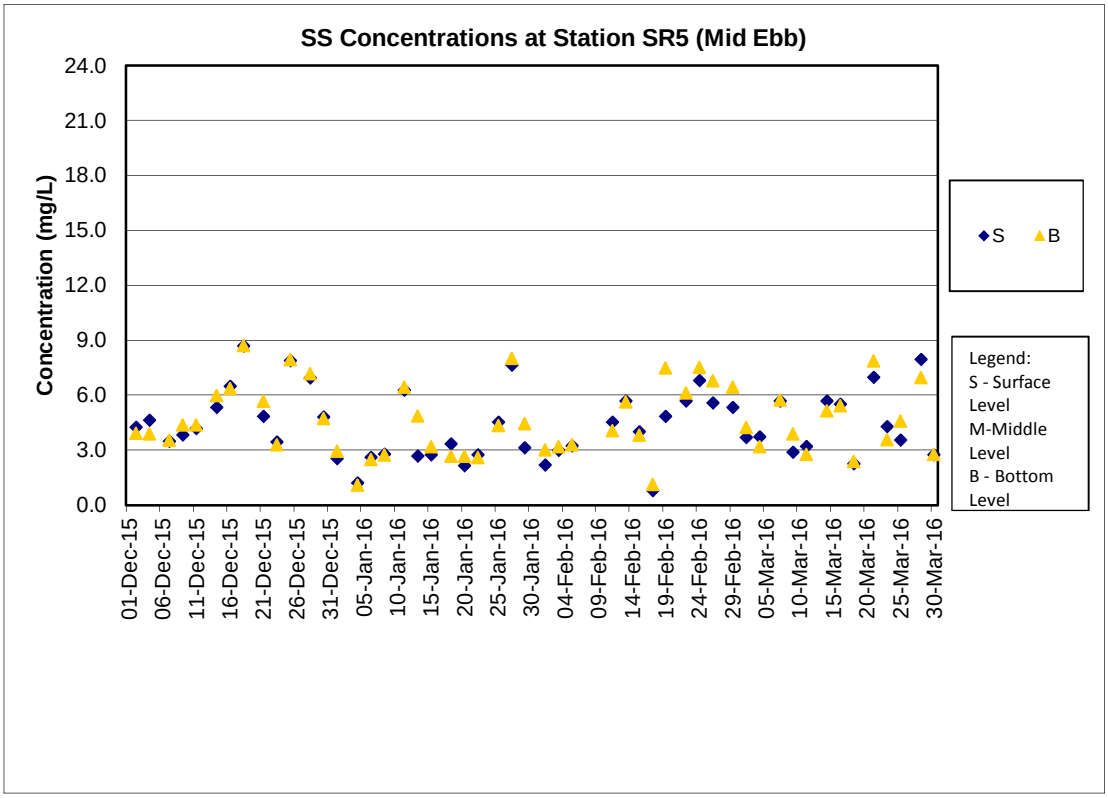

SS Concentrations at Station IS10 (Mid Flood)
Concentration (mg/L)
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16
05-Mar-16
10-Mar-16
15-Mar-16
20-Mar-16
25-Mar-16
30-Mar-16
S
M
B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

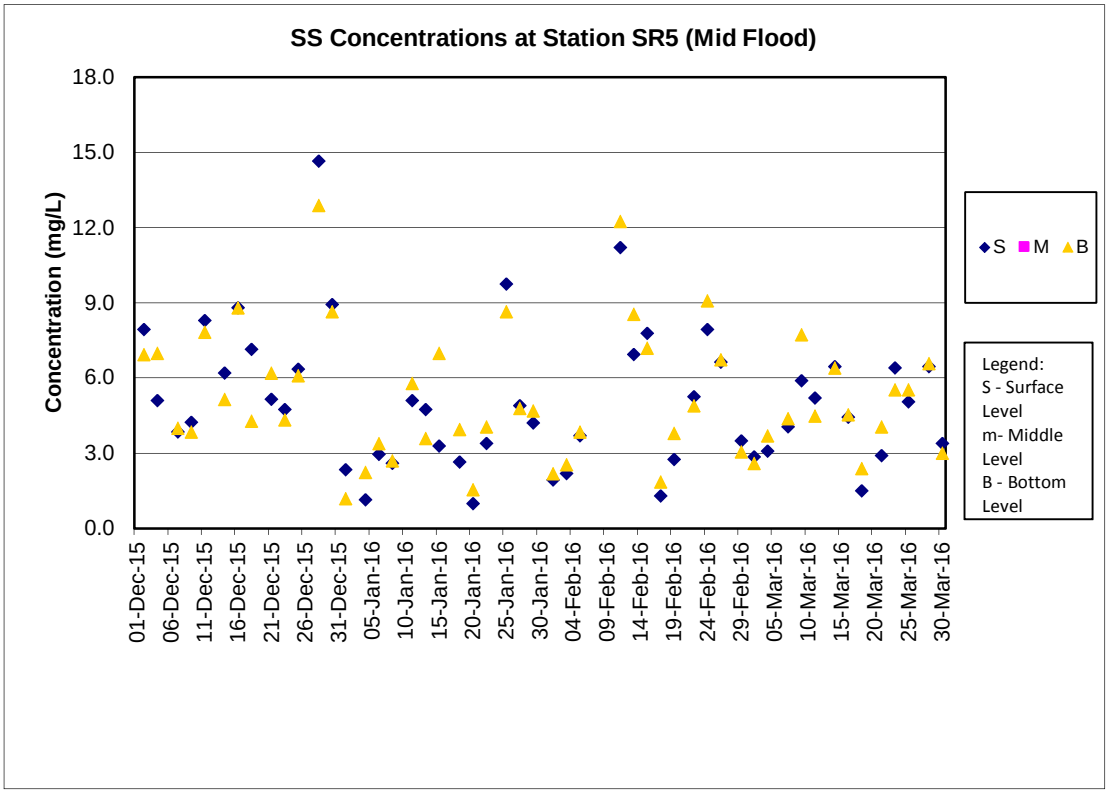

SS Concentrations at Station SR3 (Mid Ebb)
Concentration (mg/L)
15.0
12.0
9.0
6.0
3.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16
05-Mar-16
10-Mar-16
15-Mar-16
20-Mar-16
25-Mar-16
30-Mar-16
M
Legend:
M - Middle
Level

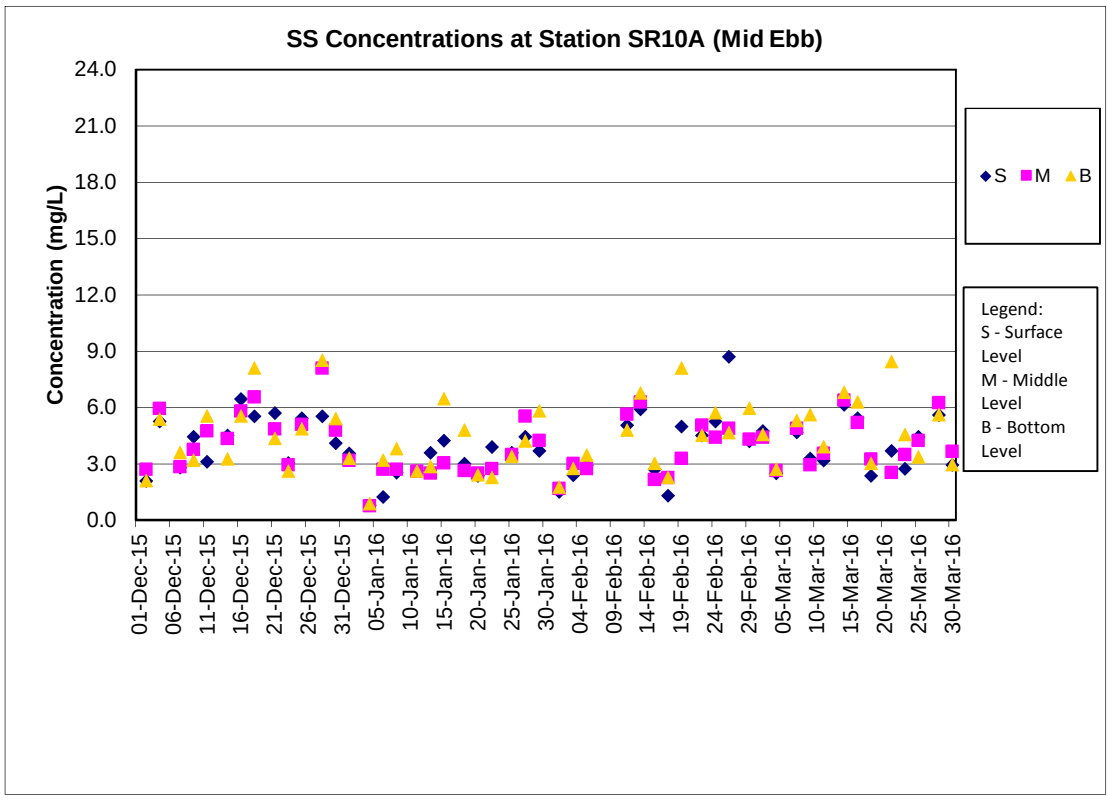

SS Concentrations at Station SR3 (Mid Flood)
Concentration (mg/L)
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16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

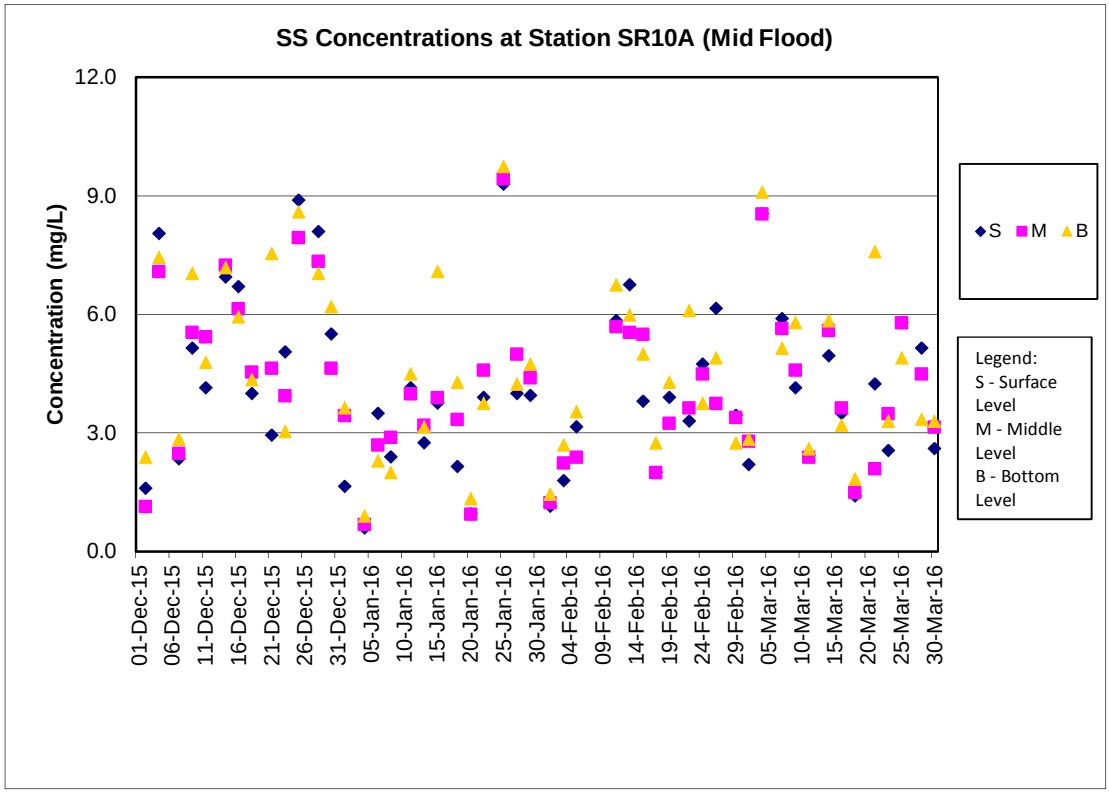

SS Concentrations at Station SR4 (Mid Ebb)
Concentration (mg/L)
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16
05-Mar-16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

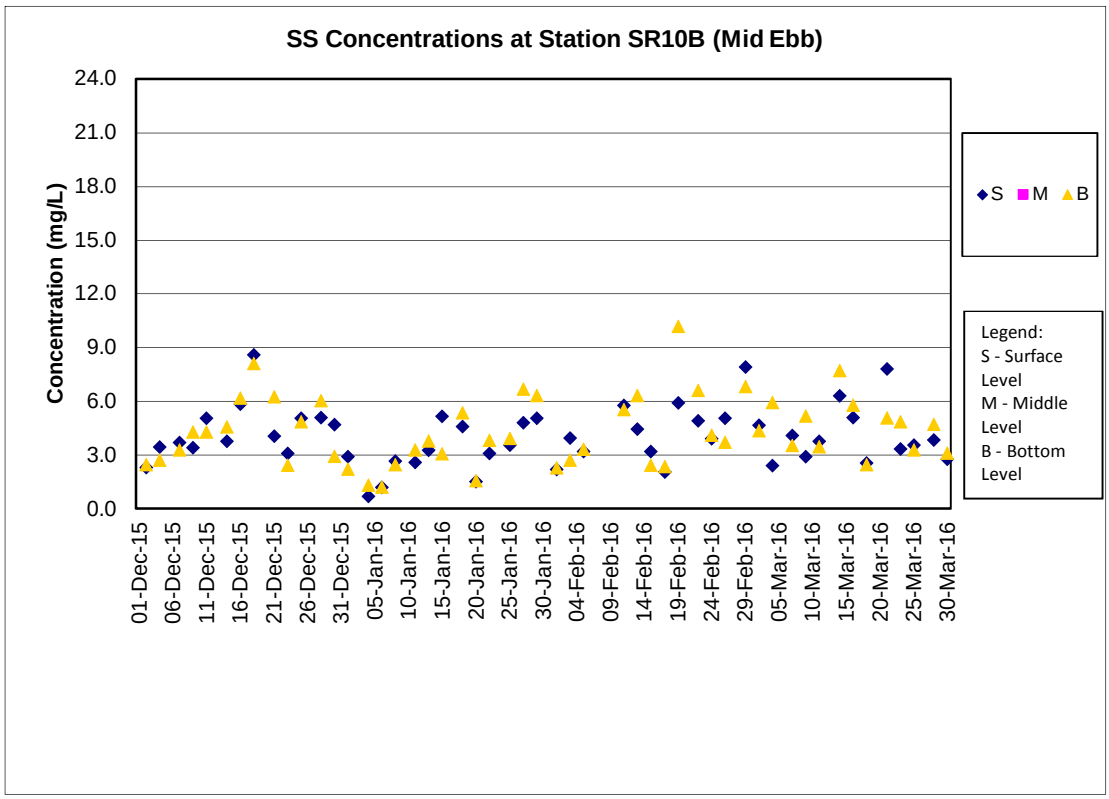

SS Concentrations at Station SR4 (Mid Flood)
Concentration (mg/L)
45.0
42.0
39.0
36.0
33.0
30.0
27.0
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16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

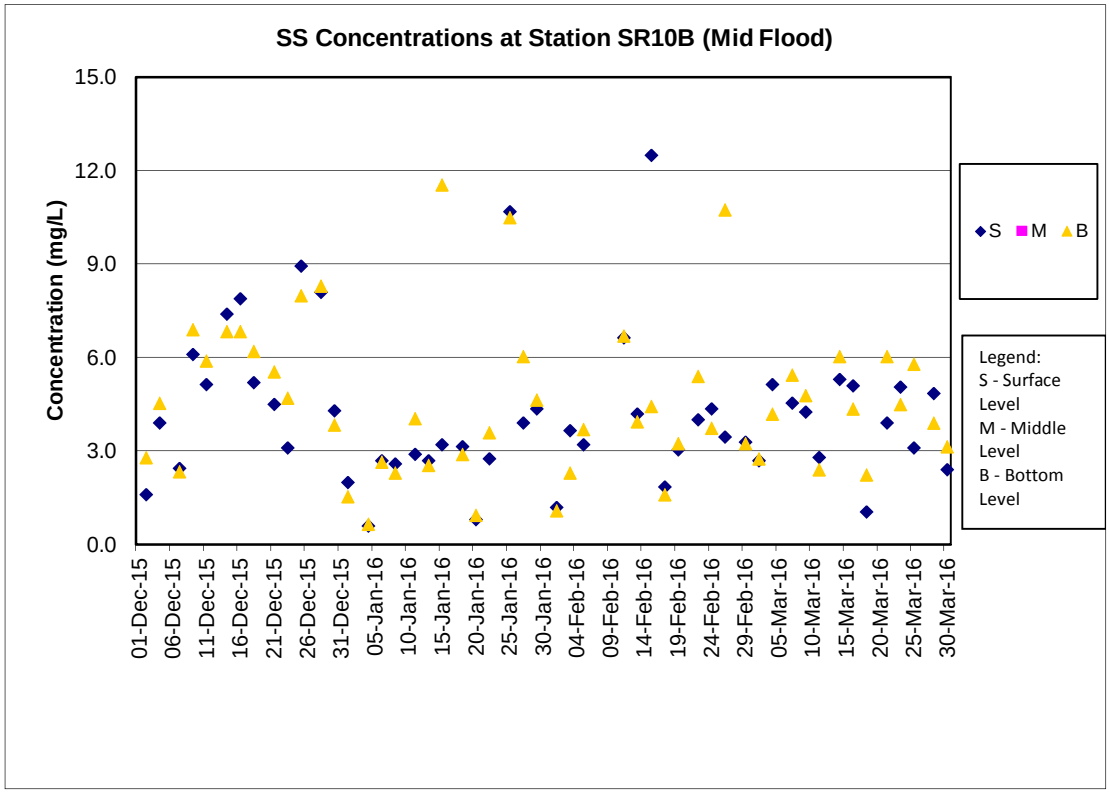

SS Concentrations at Station SR5 (Mid Ebb)
Concentration (mg/L)
24.0
21.0
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16
05-Mar-16
10-Mar-16
15-Mar-16
20-Mar-16
25-Mar-16
30-Mar-16
S
B
Legend:
S - Surface Level
M-Middle Level
B - Bottom Level


SS Concentrations at Station SR5 (Mid Flood)
Concentration (mg/L)
18.0
15.0
12.0
9.0
6.0
3.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16
05-Mar-16
10-Mar-16
15-Mar-16
20-Mar-16
25-Mar-16
30-Mar-16
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
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16
05-Mar-16
10-Mar-16
15-Mar-16
20-Mar-16
25-Mar-16
30-Mar-16
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


SS Concentrations at Station SR10A (Mid Flood)
Concentration (mg/L)
12.0
9.0
6.0
3.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16
05-Mar-16
10-Mar-16
15-Mar-16
20-Mar-16
25-Mar-16
30-Mar-16
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
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16
05-Mar-16
10-Mar-16
15-Mar-16
20-Mar-16
25-Mar-16
30-Mar-16
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level


SS Concentrations at Station SR10B (Mid Flood)
Concentration (mg/L)
15.0
12.0
9.0
6.0
3.0
0.0
01-Dec-15
06-Dec-15
11-Dec-15
16-Dec-15
21-Dec-15
26-Dec-15
31-Dec-15
05-Jan-16
10-Jan-16
15-Jan-16
20-Jan-16
25-Jan-16
30-Jan-16
04-Feb-16
09-Feb-16
14-Feb-16
19-Feb-16
24-Feb-16
29-Feb-16
05-Mar-16
10-Mar-16
15-Mar-16
20-Mar-16
25-Mar-16
30-Mar-16
S M B
Legend:
S - Surface Level
M - Middle Level
B - Bottom Level

APPENDIX F

Event and Action Plan

Event and Action Plan for Air Quality

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

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

Event and Action Plan for Noise

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

Event and Action Plan for Water Quality

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

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

Event and Action Plan for Dolphin Monitoring

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

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

Event and Action Plan for Mudflat Monitoring

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

APPENDIX G

Wind Data

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

Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction
01/03/2016	00:05	1.3	ENE
01/03/2016	00:10	1.3	E
01/03/2016	00:15	1.3	E
01/03/2016	00:20	2.2	ENE
01/03/2016	00:25	0.9	NNE
01/03/2016	00:30	1.3	E
01/03/2016	00:35	1.3	E
01/03/2016	00:40	0.9	N
01/03/2016	00:45	1.8	SW
01/03/2016	00:50	0.9	WSW
01/03/2016	00:55	2.2	ENE
01/03/2016	01:00	2.2	ENE
01/03/2016	01:05	0.9	ENE
01/03/2016	01:10	0.9	ENE
01/03/2016	01:15	0.9	NNE
01/03/2016	01:20	1.8	SSW
01/03/2016	01:25	1.8	E
01/03/2016	01:30	1.3	NE
01/03/2016	01:35	1.3	NE
01/03/2016	01:40	0.9	E
01/03/2016	01:45	1.3	NNE
01/03/2016	01:50	2.2	NE
01/03/2016	01:55	1.8	NNE
01/03/2016	02:00	1.8	WSW
01/03/2016	02:05	1.8	NNE
01/03/2016	02:10	0.9	NNE
01/03/2016	02:15	2.2	WSW
01/03/2016	02:20	1.8	NNE
01/03/2016	02:25	0.9	ENE
01/03/2016	02:30	1.8	ENE
01/03/2016	02:35	2.2	ENE
01/03/2016	02:40	2.2	ENE
01/03/2016	02:45	0.9	NNE
01/03/2016	02:50	1.3	E
01/03/2016	02:55	1.3	E
01/03/2016	03:00	0.9	N
01/03/2016	03:05	1.8	SW
01/03/2016	03:10	0.9	WSW
01/03/2016	03:15	2.2	ENE
01/03/2016	03:20	2.2	ENE
01/03/2016	03:25	3.6	ENE
01/03/2016	03:30	3.1	E
01/03/2016	03:35	2.2	E
01/03/2016	03:40	2.7	E
01/03/2016	03:45	1.3	NE
01/03/2016	03:50	1.8	ENE
01/03/2016	03:55	1.8	E
01/03/2016	04:00	2.7	E
01/03/2016	04:05	3.1	E
01/03/2016	04:10	1.3	E
01/03/2016	04:15	1.8	ENE
01/03/2016	04:20	1.8	NE
01/03/2016	04:25	1.3	ESE
01/03/2016	04:30	2.2	E
01/03/2016	04:35	0.9	SE
01/03/2016	04:40	0.9	NNE
01/03/2016	04:45	1.3	NE
01/03/2016	04:50	0.4	NE
01/03/2016	04:55	0.9	NNE
01/03/2016	05:00	1.8	W
01/03/2016	05:05	1.3	WNW
01/03/2016	05:10	1.3	W
01/03/2016	05:15	1.3	NW
01/03/2016	05:20	0.9	W
01/03/2016	05:25	0.9	N
01/03/2016	05:30	0.9	WNW
01/03/2016	05:35	0.9	N
01/03/2016	05:40	0.9	N
01/03/2016	05:45	0.9	N
01/03/2016	05:50	0.4	N
01/03/2016	05:55	0.9	NNW
01/03/2016	06:00	0.9	N
01/03/2016	06:05	0.4	NW
01/03/2016	06:10	0.4	NW
01/03/2016	06:15	0.4	E
01/03/2016	06:20	0.4	E
01/03/2016	06:25	0.4	ESE
01/03/2016	06:30	1.8	E
01/03/2016	06:35	0.4	WNW
01/03/2016	06:40	0.9	ENE
01/03/2016	06:45	2.2	ENE
01/03/2016	06:50	0.9	NNE
01/03/2016	06:55	1.3	E
01/03/2016	07:00	1.3	E
01/03/2016	07:05	0.9	N
01/03/2016	07:10	1.8	SW
01/03/2016	07:15	0.9	WSW
01/03/2016	07:20	2.2	ENE
01/03/2016	07:25	2.2	ENE
01/03/2016	07:30	1.3	WNW
01/03/2016	07:35	1.8	NW
01/03/2016	07:40	0.9	W
01/03/2016	07:45	1.3	E
01/03/2016	07:50	0.4	ENE
01/03/2016	07:55	1.3	E
01/03/2016	08:00	0.9	NE
01/03/2016	08:05	0.4	NNE
01/03/2016	08:10	0.9	NE
01/03/2016	08:15	0.4	NE
01/03/2016	08:20	0.9	NE
01/03/2016	08:25	1.3	NNE
01/03/2016	08:30	0.9	WSW
01/03/2016	08:35	1.3	NNW
01/03/2016	08:40	1.3	W
01/03/2016	08:45	1.3	ENE
01/03/2016	08:50	0.9	NNW
01/03/2016	08:55	2.2	NE
01/03/2016	09:00	2.2	ENE
01/03/2016	09:05	1.3	ESE
01/03/2016	09:10	1.8	ENE
01/03/2016	09:15	1.8	NE
01/03/2016	09:20	1.8	ENE
01/03/2016	09:25	2.2	NW
01/03/2016	09:30	1.3	N
01/03/2016	09:35	1.8	WNW
01/03/2016	09:40	1.8	ENE
01/03/2016	09:45	0.9	ENE
01/03/2016	09:50	1.3	ENE
01/03/2016	09:55	0.9	E
01/03/2016	10:00	2.7	WNW
01/03/2016	10:05	2.2	NW
01/03/2016	10:10	1.8	NW
01/03/2016	10:15	2.7	W
01/03/2016	10:20	1.8	NNW
01/03/2016	10:25	1.8	N
01/03/2016	10:30	2.2	ENE
01/03/2016	10:35	0.9	NNE
01/03/2016	10:40	1.3	E
01/03/2016	10:45	1.3	E
01/03/2016	10:50	0.9	N
01/03/2016	10:55	1.8	SW
01/03/2016	11:00	0.9	WSW
01/03/2016	11:05	2.2	ENE
01/03/2016	11:10	2.2	ENE
01/03/2016	11:15	1.3	W
01/03/2016	11:20	0.9	WSW
01/03/2016	11:25	1.3	NNE
01/03/2016	11:30	1.3	N
01/03/2016	11:35	0.9	WNW
01/03/2016	11:40	2.7	NNE
01/03/2016	11:45	1.3	NE
01/03/2016	11:50	1.8	NNE
01/03/2016	11:55	1.8	NNW
01/03/2016	12:00	1.3	S
01/03/2016	12:05	1.3	NNW
01/03/2016	12:10	1.3	NNW
01/03/2016	12:15	1.8	ENE
01/03/2016	12:20	0.9	NE
01/03/2016	12:25	0.9	NNE
01/03/2016	12:30	1.8	N
01/03/2016	12:35	2.2	NE
01/03/2016	12:40	1.8	NW
01/03/2016	12:45	3.1	SW
01/03/2016	12:50	2.2	NE
01/03/2016	12:55	2.7	NE
01/03/2016	13:00	1.8	NNW
01/03/2016	13:05	3.1	E
01/03/2016	13:10	1.8	ENE
01/03/2016	13:15	1.8	NE
01/03/2016	13:20	2.7	WNW
01/03/2016	13:25	2.2	WSW
01/03/2016	13:30	1.8	NW
01/03/2016	13:35	2.7	WSW
01/03/2016	13:40	2.7	W
01/03/2016	13:45	1.8	NW
01/03/2016	13:50	2.7	W
01/03/2016	13:55	2.2	NW
01/03/2016	14:00	2.2	ENE
01/03/2016	14:05	0.9	NNE
01/03/2016	14:10	1.3	E
01/03/2016	14:15	1.3	E
01/03/2016	14:20	0.9	N
01/03/2016	14:25	1.8	SW
01/03/2016	14:30	0.9	WSW
01/03/2016	14:35	2.2	ENE
01/03/2016	14:40	2.2	ENE
01/03/2016	14:45	0.9	NNE
01/03/2016	14:50	1.8	WNW
01/03/2016	14:55	1.8	NE
01/03/2016	15:00	1.8	N
01/03/2016	15:05	1.8	W
01/03/2016	15:10	2.2	E
01/03/2016	15:15	0.4	ENE
01/03/2016	15:20	1.8	NE
01/03/2016	15:25	0.4	ENE
01/03/2016	15:30	0.9	ENE
01/03/2016	15:35	0.9	W
01/03/2016	15:40	0.9	SW
01/03/2016	15:45	0.4	E
01/03/2016	15:50	0.9	ENE
01/03/2016	15:55	1.3	NE
01/03/2016	16:00	1.3	NE
01/03/2016	16:05	1.3	WNW
01/03/2016	16:10	0.4	WSW
01/03/2016	16:15	0.9	ENE
01/03/2016	16:20	0.9	W
01/03/2016	16:25	0.9	WNW
01/03/2016	16:30	1.3	NE
01/03/2016	16:35	1.8	SSE
01/03/2016	16:40	2.7	E
01/03/2016	16:45	2.7	E
01/03/2016	16:50	0.9	NW
01/03/2016	16:55	2.2	ENE
01/03/2016	17:00	1.8	N
01/03/2016	17:05	1.3	ENE
01/03/2016	17:10	0.4	N
01/03/2016	17:15	0.4	NNE
01/03/2016	17:20	2.2	ENE
01/03/2016	17:25	1.8	E
01/03/2016	17:30	2.2	ENE
01/03/2016	17:35	0.9	NNE
01/03/2016	17:40	1.3	E
01/03/2016	17:45	1.3	E
01/03/2016	17:50	0.9	N
01/03/2016	17:55	1.8	SW
01/03/2016	18:00	0.9	WSW
01/03/2016	18:05	2.2	ENE
01/03/2016	18:10	2.2	ENE
01/03/2016	18:15	1.3	NNE
01/03/2016	18:20	1.8	ENE
01/03/2016	18:25	0.9	E
01/03/2016	18:30	1.3	ENE
01/03/2016	18:35	0.4	ESE
01/03/2016	18:40	1.3	NW
01/03/2016	18:45	1.3	NW
01/03/2016	18:50	1.3	ENE
01/03/2016	18:55	0.9	NNE
01/03/2016	19:00	0.4	NE
01/03/2016	19:05	0.4	WNW
01/03/2016	19:10	1.3	ENE
01/03/2016	19:15	1.3	E
01/03/2016	19:20	1.3	NNE
01/03/2016	19:25	0.4	N
01/03/2016	19:30	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
01/03/2016	19:35	1.3	NNE
01/03/2016	19:40	1.3	E
01/03/2016	19:45	2.2	E
01/03/2016	19:50	1.8	E
01/03/2016	19:55	1.8	ENE
01/03/2016	20:00	2.2	E
01/03/2016	20:05	4	ENE
01/03/2016	20:10	1.3	E
01/03/2016	20:15	4	E
01/03/2016	20:20	0.9	NW
01/03/2016	20:25	1.3	ENE
01/03/2016	20:30	0.9	NNE
01/03/2016	20:35	1.8	ENE
01/03/2016	20:40	0.9	NE
01/03/2016	20:45	1.3	E
01/03/2016	20:50	1.8	E
01/03/2016	20:55	1.3	E
01/03/2016	21:00	0.4	E
01/03/2016	21:05	1.3	ENE
01/03/2016	21:10	1.8	E
01/03/2016	21:15	2.2	ENE
01/03/2016	21:20	0.9	NNE
01/03/2016	21:25	1.3	E
01/03/2016	21:30	1.3	E
01/03/2016	21:35	0.9	N
01/03/2016	21:40	1.8	SW
01/03/2016	21:45	0.9	WSW
01/03/2016	21:50	2.2	ENE
01/03/2016	21:55	2.2	ENE
01/03/2016	22:00	0.9	NNE
01/03/2016	22:05	1.3	SE
01/03/2016	22:10	0.9	E
01/03/2016	22:15	0.4	E
01/03/2016	22:20	0.4	ESE
01/03/2016	22:25	0.4	NE
01/03/2016	22:30	0.4	ENE
01/03/2016	22:35	0.4	E
01/03/2016	22:40	0.4	E
01/03/2016	22:45	0.9	NE
01/03/2016	22:50	0.9	E
01/03/2016	22:55	1.8	E
01/03/2016	23:00	2.2	E
01/03/2016	23:05	2.7	E
01/03/2016	23:10	2.2	ENE
01/03/2016	23:15	2.2	E
01/03/2016	23:20	0.9	E
01/03/2016	23:25	1.3	E
01/03/2016	23:30	1.8	ESE
01/03/2016	23:35	2.2	NE
01/03/2016	23:40	3.1	E
01/03/2016	23:45	3.6	ESE
01/03/2016	23:50	4.5	ENE
01/03/2016	23:55	4.5	E
02/03/2016	00:00	4.9	ENE
02/03/2016	00:05	3.1	E
02/03/2016	00:10	3.1	E
02/03/2016	00:15	2.2	ESE
02/03/2016	00:20	2.2	E
02/03/2016	00:25	1.3	NNE
02/03/2016	00:30	2.2	ENE
02/03/2016	00:35	2.7	ENE
02/03/2016	00:40	1.8	E
02/03/2016	00:45	2.2	E
02/03/2016	00:50	1.8	ENE
02/03/2016	00:55	1.8	NE
02/03/2016	01:00	1.3	ENE
02/03/2016	01:05	1.3	ENE
02/03/2016	01:10	2.7	NE
02/03/2016	01:15	3.1	ENE
02/03/2016	01:20	1.8	NE
02/03/2016	01:25	2.2	NW
02/03/2016	01:30	0.9	WSW
02/03/2016	01:35	1.3	NE
02/03/2016	01:40	1.3	NNE
02/03/2016	01:45	2.2	NNW
02/03/2016	01:50	1.8	NNW
02/03/2016	01:55	1.3	NNW
02/03/2016	02:00	1.3	NNE
02/03/2016	02:05	1.3	NE
02/03/2016	02:10	1.3	S
02/03/2016	02:15	1.8	WNW
02/03/2016	02:20	2.2	E
02/03/2016	02:25	3.1	ENE
02/03/2016	02:30	1.8	E
02/03/2016	02:35	1.3	NNE
02/03/2016	02:40	1.8	ENE
02/03/2016	02:45	2.2	ENE
02/03/2016	02:50	1.8	ENE
02/03/2016	02:55	2.7	ENE
02/03/2016	03:00	1.8	NE
02/03/2016	03:05	2.7	ENE
02/03/2016	03:10	1.8	ENE
02/03/2016	03:15	1.8	NE
02/03/2016	03:20	1.8	NE
02/03/2016	03:25	1.3	ENE
02/03/2016	03:30	1.8	NNE
02/03/2016	03:35	0.9	WNW
02/03/2016	03:40	0.9	NNE
02/03/2016	03:45	0.9	ENE
02/03/2016	03:50	1.8	N
02/03/2016	03:55	0.9	N
02/03/2016	04:00	1.8	NNE
02/03/2016	04:05	1.3	NE
02/03/2016	04:10	0.4	NNE
02/03/2016	04:15	0.9	N
02/03/2016	04:20	1.8	NNE
02/03/2016	04:25	0.9	NE
02/03/2016	04:30	1.8	NE
02/03/2016	04:35	1.8	NE
02/03/2016	04:40	0.9	NE
02/03/2016	04:45	1.3	N
02/03/2016	04:50	1.8	E
02/03/2016	04:55	2.2	E
02/03/2016	05:00	1.8	ENE
02/03/2016	05:05	1.8	NE
02/03/2016	05:10	1.3	ENE
02/03/2016	05:15	1.3	ENE
02/03/2016	05:20	2.7	NE
02/03/2016	05:25	3.1	ENE
02/03/2016	05:30	1.8	NE
02/03/2016	05:35	2.2	NW
02/03/2016	05:40	0.9	WSW
02/03/2016	05:45	1.3	NE
02/03/2016	05:50	1.3	NNE
02/03/2016	05:55	2.2	NNW
02/03/2016	06:00	1.8	NNW
02/03/2016	06:05	2.2	SW
02/03/2016	06:10	1.3	WNW
02/03/2016	06:15	1.3	NNW
02/03/2016	06:20	1.3	NE
02/03/2016	06:25	1.8	NNW
02/03/2016	06:30	1.8	WSW
02/03/2016	06:35	2.2	E
02/03/2016	06:40	3.1	N
02/03/2016	06:45	2.7	NNW
02/03/2016	06:50	2.2	ENE
02/03/2016	06:55	1.8	NW
02/03/2016	07:00	2.2	NE
02/03/2016	07:05	1.3	E
02/03/2016	07:10	2.2	NE
02/03/2016	07:15	2.2	NNW
02/03/2016	07:20	2.2	NE
02/03/2016	07:25	2.7	ENE
02/03/2016	07:30	2.2	NE
02/03/2016	07:35	1.3	E
02/03/2016	07:40	0.9	NNW
02/03/2016	07:45	3.1	NW
02/03/2016	07:50	3.6	WSW
02/03/2016	07:55	2.2	ESE
02/03/2016	08:00	1.8	NE
02/03/2016	08:05	1.8	NNE
02/03/2016	08:10	2.7	NNE
02/03/2016	08:15	1.8	NE
02/03/2016	08:20	2.2	NW
02/03/2016	08:25	3.1	ENE
02/03/2016	08:30	2.7	E
02/03/2016	08:35	1.8	E
02/03/2016	08:40	1.3	ENE
02/03/2016	08:45	2.2	ENE
02/03/2016	08:50	3.1	ENE
02/03/2016	08:55	1.8	E
02/03/2016	09:00	2.2	NE
02/03/2016	09:05	3.1	WSW
02/03/2016	09:10	2.2	NNW
02/03/2016	09:15	2.7	NE
02/03/2016	09:20	2.2	ENE
02/03/2016	09:25	1.8	WSW
02/03/2016	09:30	3.1	WNW
02/03/2016	09:35	1.8	NNE
02/03/2016	09:40	2.2	NE
02/03/2016	09:45	2.7	NE
02/03/2016	09:50	3.1	NE
02/03/2016	09:55	2.7	NNW
02/03/2016	10:00	2.2	NNE
02/03/2016	10:05	2.7	NE
02/03/2016	10:10	3.6	W
02/03/2016	10:15	2.2	E
02/03/2016	10:20	1.8	ENE
02/03/2016	10:25	1.8	NE
02/03/2016	10:30	1.3	ENE
02/03/2016	10:35	1.3	ENE
02/03/2016	10:40	2.7	NE
02/03/2016	10:45	3.1	ENE
02/03/2016	10:50	1.8	NE
02/03/2016	10:55	2.2	NW
02/03/2016	11:00	0.9	WSW
02/03/2016	11:05	1.3	NE
02/03/2016	11:10	1.3	NNE
02/03/2016	11:15	2.2	NNW
02/03/2016	11:20	1.8	NNW
02/03/2016	11:25	1.3	NNE
02/03/2016	11:30	1.8	ENE
02/03/2016	11:35	1.8	WNW
02/03/2016	11:40	1.8	NE
02/03/2016	11:45	2.7	W
02/03/2016	11:50	3.1	NW
02/03/2016	11:55	1.8	W
02/03/2016	12:00	1.8	NE
02/03/2016	12:05	2.7	WSW
02/03/2016	12:10	1.8	WNW
02/03/2016	12:15	1.8	NNW
02/03/2016	12:20	1.8	W
02/03/2016	12:25	2.2	N
02/03/2016	12:30	1.3	NNW
02/03/2016	12:35	1.8	NNE
02/03/2016	12:40	1.8	WNW
02/03/2016	12:45	1.8	NNW
02/03/2016	12:50	1.8	NW
02/03/2016	12:55	3.6	W
02/03/2016	13:00	2.7	WSW
02/03/2016	13:05	2.7	W
02/03/2016	13:10	1.3	WNW
02/03/2016	13:15	1.8	WSW
02/03/2016	13:20	1.8	W
02/03/2016	13:25	2.2	SE
02/03/2016	13:30	1.3	NE
02/03/2016	13:35	1.3	NNW
02/03/2016	13:40	1.8	NNE
02/03/2016	13:45	1.8	NW
02/03/2016	13:50	2.2	E
02/03/2016	13:55	2.2	WSW
02/03/2016	14:00	3.1	W
02/03/2016	14:05	2.2	W
02/03/2016	14:10	1.8	WSW
02/03/2016	14:15	1.3	WSW
02/03/2016	14:20	1.8	WSW
02/03/2016	14:25	1.3	ENE
02/03/2016	14:30	1.8	E
02/03/2016	14:35	1.8	E
02/03/2016	14:40	1.8	E
02/03/2016	14:45	1.3	NE
02/03/2016	14:50	1.3	N
02/03/2016	14:55	1.3	WNW
02/03/2016	15:00	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
02/03/2016	15:05	1.3	N
02/03/2016	15:10	1.8	NE
02/03/2016	15:15	1.8	NNE
02/03/2016	15:20	1.3	N
02/03/2016	15:25	1.3	N
02/03/2016	15:30	2.2	E
02/03/2016	15:35	1.8	NE
02/03/2016	15:40	1.8	ENE
02/03/2016	15:45	1.8	WNW
02/03/2016	15:50	1.8	NW
02/03/2016	15:55	2.2	WNW
02/03/2016	16:00	1.8	NW
02/03/2016	16:05	1.8	ENE
02/03/2016	16:10	1.8	NNE
02/03/2016	16:15	2.2	E
02/03/2016	16:20	1.8	ENE
02/03/2016	16:25	1.8	NE
02/03/2016	16:30	1.3	ENE
02/03/2016	16:35	1.3	ENE
02/03/2016	16:40	2.7	NE
02/03/2016	16:45	3.1	ENE
02/03/2016	16:50	1.8	NE
02/03/2016	16:55	2.2	NW
02/03/2016	17:00	0.9	WSW
02/03/2016	17:05	1.3	NE
02/03/2016	17:10	1.3	NNE
02/03/2016	17:15	2.2	NNW
02/03/2016	17:20	1.8	NNW
02/03/2016	17:25	1.8	WSW
02/03/2016	17:30	2.2	NE
02/03/2016	17:35	1.8	NNW
02/03/2016	17:40	1.8	N
02/03/2016	17:45	2.2	NE
02/03/2016	17:50	1.8	WNW
02/03/2016	17:55	1.8	NNW
02/03/2016	18:00	2.2	NW
02/03/2016	18:05	2.2	WSW
02/03/2016	18:10	1.8	N
02/03/2016	18:15	1.8	NNE
02/03/2016	18:20	2.7	ENE
02/03/2016	18:25	1.8	N
02/03/2016	18:30	2.2	WSW
02/03/2016	18:35	1.8	NNE
02/03/2016	18:40	1.3	N
02/03/2016	18:45	2.2	ENE
02/03/2016	18:50	1.8	NNE
02/03/2016	18:55	1.8	WNW
02/03/2016	19:00	1.3	NE
02/03/2016	19:05	1.8	ENE
02/03/2016	19:10	1.8	NNW
02/03/2016	19:15	1.3	NE
02/03/2016	19:20	1.8	ENE
02/03/2016	19:25	1.8	NNW
02/03/2016	19:30	1.3	N
02/03/2016	19:35	2.2	N
02/03/2016	19:40	1.8	ENE
02/03/2016	19:45	2.2	WSW
02/03/2016	19:50	1.3	N
02/03/2016	19:55	1.3	NNE
02/03/2016	20:00	2.7	NNE
02/03/2016	20:05	2.2	NW
02/03/2016	20:10	2.7	WNW
02/03/2016	20:15	2.2	E
02/03/2016	20:20	1.8	ENE
02/03/2016	20:25	1.8	NE
02/03/2016	20:30	1.3	ENE
02/03/2016	20:35	1.3	ENE
02/03/2016	20:40	2.7	NE
02/03/2016	20:45	3.1	ENE
02/03/2016	20:50	1.8	NE
02/03/2016	20:55	2.2	NW
02/03/2016	21:00	0.9	WSW
02/03/2016	21:05	1.3	NE
02/03/2016	21:10	1.3	NNE
02/03/2016	21:15	2.2	NNW
02/03/2016	21:20	1.8	NNW
02/03/2016	21:25	2.2	WSW
02/03/2016	21:30	2.7	WSW
02/03/2016	21:35	2.7	WSW
02/03/2016	21:40	2.7	W
02/03/2016	21:45	2.7	W
02/03/2016	21:50	2.2	W
02/03/2016	21:55	3.6	WSW
02/03/2016	22:00	3.1	WSW
02/03/2016	22:05	2.2	W
02/03/2016	22:10	2.7	W
02/03/2016	22:15	3.6	WSW
02/03/2016	22:20	2.7	WSW
02/03/2016	22:25	2.2	W
02/03/2016	22:30	2.2	NNW
02/03/2016	22:35	2.2	W
02/03/2016	22:40	2.2	E
02/03/2016	22:45	1.8	ENE
02/03/2016	22:50	1.8	NE
02/03/2016	22:55	1.3	ENE
02/03/2016	23:00	1.3	ENE
02/03/2016	23:05	2.7	NE
02/03/2016	23:10	3.1	ENE
02/03/2016	23:15	1.8	NE
02/03/2016	23:20	2.2	NW
02/03/2016	23:25	0.9	WSW
02/03/2016	23:30	1.3	NE
02/03/2016	23:35	1.3	NNE
02/03/2016	23:40	2.2	NNW
02/03/2016	23:45	1.8	NNW
02/03/2016	23:50	2.7	W
02/03/2016	23:55	1.8	W
03/03/2016	00:00	1.3	SW
03/03/2016	00:05	1.3	NE
03/03/2016	00:10	2.2	NE
03/03/2016	00:15	3.6	E
03/03/2016	00:20	3.6	E
03/03/2016	00:25	1.3	NW
03/03/2016	00:30	1.3	NNE
03/03/2016	00:35	0.9	NNE
03/03/2016	00:40	2.2	E
03/03/2016	00:45	2.2	NW
03/03/2016	00:50	1.8	WNW
03/03/2016	00:55	1.3	NNW
03/03/2016	01:00	1.8	ENE
03/03/2016	01:05	1.8	NW
03/03/2016	01:10	1.8	E
03/03/2016	01:15	1.3	ENE
03/03/2016	01:20	2.2	NNE
03/03/2016	01:25	0.9	E
03/03/2016	01:30	1.8	ENE
03/03/2016	01:35	1.8	ENE
03/03/2016	01:40	2.2	ENE
03/03/2016	01:45	1.3	WNW
03/03/2016	01:50	3.1	E
03/03/2016	01:55	3.6	ENE
03/03/2016	02:00	4	ENE
03/03/2016	02:05	4.9	ENE
03/03/2016	02:10	4.9	E
03/03/2016	02:15	4.9	E
03/03/2016	02:20	5.4	ENE
03/03/2016	02:25	5.4	ENE
03/03/2016	02:30	6.3	ENE
03/03/2016	02:35	5.8	ENE
03/03/2016	02:40	5.8	E
03/03/2016	02:45	6.3	ENE
03/03/2016	02:50	6.7	E
03/03/2016	02:55	5.4	E
03/03/2016	03:00	5.4	E
03/03/2016	03:05	4.9	ENE
03/03/2016	03:10	4	ENE
03/03/2016	03:15	5.8	ENE
03/03/2016	03:20	4.9	ENE
03/03/2016	03:25	4.5	E
03/03/2016	03:30	4.5	E
03/03/2016	03:35	4	E
03/03/2016	03:40	3.6	E
03/03/2016	03:45	4	ENE
03/03/2016	03:50	4	ENE
03/03/2016	03:55	4.5	E
03/03/2016	04:00	4.9	ENE
03/03/2016	04:05	4	E
03/03/2016	04:10	3.1	ENE
03/03/2016	04:15	1.3	NE
03/03/2016	04:20	2.2	NE
03/03/2016	04:25	3.6	E
03/03/2016	04:30	3.6	E
03/03/2016	04:35	1.3	NW
03/03/2016	04:40	1.3	NNE
03/03/2016	04:45	0.9	NNE
03/03/2016	04:50	2.2	E
03/03/2016	04:55	2.2	NW
03/03/2016	05:00	1.8	WNW
03/03/2016	05:05	1.3	NNW
03/03/2016	05:10	1.8	ENE
03/03/2016	05:15	1.8	NW
03/03/2016	05:20	1.8	E
03/03/2016	05:25	1.3	ENE
03/03/2016	05:30	2.2	NNE
03/03/2016	05:35	0.9	E
03/03/2016	05:40	3.1	ENE
03/03/2016	05:45	4	NE
03/03/2016	05:50	3.1	NE
03/03/2016	05:55	3.1	ENE
03/03/2016	06:00	4.9	NE
03/03/2016	06:05	5.4	NE
03/03/2016	06:10	5.8	NE
03/03/2016	06:15	5.4	NE
03/03/2016	06:20	4.5	NE
03/03/2016	06:25	3.6	ENE
03/03/2016	06:30	4	ENE
03/03/2016	06:35	4.9	ENE
03/03/2016	06:40	4.9	E
03/03/2016	06:45	5.8	ENE
03/03/2016	06:50	5.8	E
03/03/2016	06:55	6.3	ENE
03/03/2016	07:00	6.7	E
03/03/2016	07:05	4.9	ENE
03/03/2016	07:10	4.5	E
03/03/2016	07:15	4.5	E
03/03/2016	07:20	4	E
03/03/2016	07:25	4.9	ENE
03/03/2016	07:30	4	E
03/03/2016	07:35	3.1	ENE
03/03/2016	07:40	4	ENE
03/03/2016	07:45	5.4	ENE
03/03/2016	07:50	4	ENE
03/03/2016	07:55	4.9	E
03/03/2016	08:00	1.3	NE
03/03/2016	08:05	2.2	NE
03/03/2016	08:10	3.6	E
03/03/2016	08:15	3.6	E
03/03/2016	08:20	1.3	NW
03/03/2016	08:25	1.3	NNE
03/03/2016	08:30	0.9	NNE
03/03/2016	08:35	2.2	E
03/03/2016	08:40	2.2	NW
03/03/2016	08:45	1.8	WNW
03/03/2016	08:50	1.3	NNW
03/03/2016	08:55	1.8	ENE
03/03/2016	09:00	1.8	NW
03/03/2016	09:05	1.8	E
03/03/2016	09:10	1.3	ENE
03/03/2016	09:15	2.2	NNE
03/03/2016	09:20	0.9	E
03/03/2016	09:25	5.4	ENE
03/03/2016	09:30	5.4	ENE
03/03/2016	09:35	4.9	ENE
03/03/2016	09:40	4.5	NE
03/03/2016	09:45	4	ENE
03/03/2016	09:50	4.5	ENE
03/03/2016	09:55	4	ENE
03/03/2016	10:00	4.5	ENE
03/03/2016	10:05	4	NE
03/03/2016	10:10	5.4	NE
03/03/2016	10:15	4.9	NE
03/03/2016	10:20	5.4	NE
03/03/2016	10:25	4.9	ENE
03/03/2016	10:30	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
03/03/2016	10:35	4.5	ENE	03/03/2016	17:05	1.8	WNW	03/03/2016	23:35	0.9	E
03/03/2016	10:40	4	NE	03/03/2016	17:10	1.3	ENE	03/03/2016	23:40	2.7	W
03/03/2016	10:45	4.9	NE	03/03/2016	17:15	1.8	ENE	03/03/2016	23:45	2.7	W
03/03/2016	10:50	4.5	ENE	03/03/2016	17:20	2.2	ENE	03/03/2016	23:50	2.7	W
03/03/2016	10:55	5.4	NE	03/03/2016	17:25	1.3	WNW	03/03/2016	23:55	3.6	W
03/03/2016	11:00	4.5	NE	03/03/2016	17:30	1.3	WNW	04/03/2016	00:00	2.7	W
03/03/2016	11:05	5.4	ENE	03/03/2016	17:35	1.3	W	04/03/2016	00:05	1.3	W
03/03/2016	11:10	5.8	NE	03/03/2016	17:40	2.2	NNE	04/03/2016	00:10	1.8	WSW
03/03/2016	11:15	5.4	ENE	03/03/2016	17:45	1.8	W	04/03/2016	00:15	1.8	WSW
03/03/2016	11:20	4	NE	03/03/2016	17:50	1.3	ENE	04/03/2016	00:20	1.8	WSW
03/03/2016	11:25	4	NE	03/03/2016	17:55	1.3	W	04/03/2016	00:25	1.3	WSW
03/03/2016	11:30	4	ENE	03/03/2016	18:00	0.4	W	04/03/2016	00:30	1.8	WSW
03/03/2016	11:35	4.9	ENE	03/03/2016	18:05	1.3	N	04/03/2016	00:35	1.8	SW
03/03/2016	11:40	4.5	ENE	03/03/2016	18:10	1.3	NW	04/03/2016	00:40	2.7	WSW
03/03/2016	11:45	1.3	NE	03/03/2016	18:15	1.8	NNW	04/03/2016	00:45	1.8	SW
03/03/2016	11:50	2.2	NE	03/03/2016	18:20	1.8	WNW	04/03/2016	00:50	1.8	SW
03/03/2016	11:55	3.6	E	03/03/2016	18:25	3.1	NNE	04/03/2016	00:55	1.3	SSW
03/03/2016	12:00	3.6	E	03/03/2016	18:30	3.1	NE	04/03/2016	01:00	1.3	SSW
03/03/2016	12:05	1.3	NW	03/03/2016	18:35	2.7	NNE	04/03/2016	01:05	1.3	SW
03/03/2016	12:10	1.3	NNE	03/03/2016	18:40	3.1	NNE	04/03/2016	01:10	0.4	SSW
03/03/2016	12:15	0.9	NNE	03/03/2016	18:45	1.3	NE	04/03/2016	01:15	1.3	W
03/03/2016	12:20	2.2	E	03/03/2016	18:50	2.2	NE	04/03/2016	01:20	0.9	SSW
03/03/2016	12:25	2.2	NW	03/03/2016	18:55	3.6	E	04/03/2016	01:25	1.3	SSW
03/03/2016	12:30	1.8	WNW	03/03/2016	19:00	3.6	E	04/03/2016	01:30	1.3	WSW
03/03/2016	12:35	1.3	NNW	03/03/2016	19:05	1.3	NW	04/03/2016	01:35	0.9	W
03/03/2016	12:40	1.8	ENE	03/03/2016	19:10	1.3	NNE	04/03/2016	01:40	1.3	WSW
03/03/2016	12:45	1.8	NW	03/03/2016	19:15	0.9	NNE	04/03/2016	01:45	1.8	SW
03/03/2016	12:50	1.8	E	03/03/2016	19:20	2.2	E	04/03/2016	01:50	2.2	WSW
03/03/2016	12:55	1.3	ENE	03/03/2016	19:25	2.2	NW	04/03/2016	01:55	1.8	W
03/03/2016	13:00	2.2	NNE	03/03/2016	19:30	1.8	WNW	04/03/2016	02:00	2.2	W
03/03/2016	13:05	0.9	E	03/03/2016	19:35	1.3	NNW	04/03/2016	02:05	1.8	WSW
03/03/2016	13:10	4.9	NE	03/03/2016	19:40	1.8	ENE	04/03/2016	02:10	0.9	WSW
03/03/2016	13:15	5.4	NE	03/03/2016	19:45	1.8	NW	04/03/2016	02:15	1.8	WSW
03/03/2016	13:20	4.9	ENE	03/03/2016	19:50	1.8	E	04/03/2016	02:20	2.7	WSW
03/03/2016	13:25	5.4	ENE	03/03/2016	19:55	1.3	ENE	04/03/2016	02:25	2.2	WSW
03/03/2016	13:30	4.9	NE	03/03/2016	20:00	2.2	NNE	04/03/2016	02:30	2.2	WSW
03/03/2016	13:35	4.5	ENE	03/03/2016	20:05	0.9	E	04/03/2016	02:35	1.8	WSW
03/03/2016	13:40	5.4	NE	03/03/2016	20:10	0.4	ESE	04/03/2016	02:40	1.8	WSW
03/03/2016	13:45	4.5	NE	03/03/2016	20:15	0.9	WSW	04/03/2016	02:45	1.3	W
03/03/2016	13:50	5.4	ENE	03/03/2016	20:20	0.4	WNW	04/03/2016	02:50	0.9	W
03/03/2016	13:55	4	NE	03/03/2016	20:25	0.9	WNW	04/03/2016	02:55	0.9	WSW
03/03/2016	14:00	4	NE	03/03/2016	20:30	1.3	WNW	04/03/2016	03:00	1.3	W
03/03/2016	14:05	1.3	NNE	03/03/2016	20:35	2.7	WNW	04/03/2016	03:05	1.3	W
03/03/2016	14:10	2.7	ENE	03/03/2016	20:40	3.6	W	04/03/2016	03:10	1.3	W
03/03/2016	14:15	2.2	E	03/03/2016	20:45	3.1	W	04/03/2016	03:15	1.3	W
03/03/2016	14:20	2.2	WNW	03/03/2016	20:50	2.7	W	04/03/2016	03:20	0.9	NW
03/03/2016	14:25	2.7	NE	03/03/2016	20:55	0.9	W	04/03/2016	03:25	0.9	W
03/03/2016	14:30	1.3	NE	03/03/2016	21:00	0.4	WSW	04/03/2016	03:30	0.9	W
03/03/2016	14:35	2.2	NE	03/03/2016	21:05	2.2	W	04/03/2016	03:35	0.4	WSW
03/03/2016	14:40	3.6	E	03/03/2016	21:10	1.3	WSW	04/03/2016	03:40	0.4	WSW
03/03/2016	14:45	3.6	E	03/03/2016	21:15	1.3	W	04/03/2016	03:45	0.4	WSW
03/03/2016	14:50	2.2	NE	03/03/2016	21:20	0.9	WSW	04/03/2016	03:50	0.4	WSW
03/03/2016	14:55	2.2	ENE	03/03/2016	21:25	1.8	W	04/03/2016	03:55	0.4	WSW
03/03/2016	15:00	1.3	NW	03/03/2016	21:30	1.8	W	04/03/2016	04:00	0.9	WSW
03/03/2016	15:05	1.3	NNE	03/03/2016	21:35	1.8	W	04/03/2016	04:05	0.9	WSW
03/03/2016	15:10	0.9	NNE	03/03/2016	21:40	1.3	ENE	04/03/2016	04:10	0.9	WSW
03/03/2016	15:15	2.2	E	03/03/2016	21:45	1.3	W	04/03/2016	04:15	0.4	SW
03/03/2016	15:20	1.3	E	03/03/2016	21:50	0.4	W	04/03/2016	04:20	0.4	WSW
03/03/2016	15:25	1.3	NNE	03/03/2016	21:55	1.3	N	04/03/2016	04:25	2.7	WSW
03/03/2016	15:30	1.3	NE	03/03/2016	22:00	3.1	NNE	04/03/2016	04:30	1.8	SW
03/03/2016	15:35	2.2	NE	03/03/2016	22:05	3.1	NE	04/03/2016	04:35	1.8	SW
03/03/2016	15:40	3.6	E	03/03/2016	22:10	2.7	NNE	04/03/2016	04:40	1.3	SSW
03/03/2016	15:45	3.6	E	03/03/2016	22:15	1.3	NE	04/03/2016	04:45	1.3	SSW
03/03/2016	15:50	1.3	NW	03/03/2016	22:20	2.2	NE	04/03/2016	04:50	1.3	SW
03/03/2016	15:55	1.3	NNE	03/03/2016	22:25	3.6	E	04/03/2016	04:55	0.4	SSW
03/03/2016	16:00	0.9	NNE	03/03/2016	22:30	3.6	E	04/03/2016	05:00	1.3	W
03/03/2016	16:05	2.2	E	03/03/2016	22:35	1.3	NW	04/03/2016	05:05	0.9	SSW
03/03/2016	16:10	2.2	NW	03/03/2016	22:40	1.3	NNE	04/03/2016	05:10	1.3	SSW
03/03/2016	16:15	1.8	WNW	03/03/2016	22:45	0.9	NNE	04/03/2016	05:15	1.3	WSW
03/03/2016	16:20	1.3	NNW	03/03/2016	22:50	2.2	E	04/03/2016	05:20	0.9	W
03/03/2016	16:25	1.8	ENE	03/03/2016	22:55	2.2	NW	04/03/2016	05:25	1.3	WSW
03/03/2016	16:30	1.8	NW	03/03/2016	23:00	1.8	WNW	04/03/2016	05:30	1.8	SW
03/03/2016	16:35	1.8	E	03/03/2016	23:05	1.3	NNW	04/03/2016	05:35	2.2	WSW
03/03/2016	16:40	1.3	ENE	03/03/2016	23:10	1.8	ENE	04/03/2016	05:40	1.8	W
03/03/2016	16:45	2.2	NNE	03/03/2016	23:15	1.8	NW	04/03/2016	05:45	2.2	W
03/03/2016	16:50	0.9	E	03/03/2016	23:20	1.8	E	04/03/2016	05:50	0.4	SSW
03/03/2016	16:55	1.3	ENE	03/03/2016	23:25	1.3	ENE	04/03/2016	05:55	1.3	W
03/03/2016	17:00	1.3	ENE	03/03/2016	23:30	2.2	NNE	04/03/2016	06:00	0.9	SSW

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
04/03/2016	06:05	2.2	WSW	04/03/2016	12:35	1.3	WSW	04/03/2016	19:05	1.8	SW
04/03/2016	06:10	1.8	W	04/03/2016	12:40	1.8	SW	04/03/2016	19:10	2.2	WSW
04/03/2016	06:15	2.2	W	04/03/2016	12:45	2.2	WSW	04/03/2016	19:15	1.8	W
04/03/2016	06:20	1.8	WSW	04/03/2016	12:50	1.8	W	04/03/2016	19:20	2.2	W
04/03/2016	06:25	2.7	WSW	04/03/2016	12:55	2.2	W	04/03/2016	19:25	5.8	ENE
04/03/2016	06:30	2.2	WSW	04/03/2016	13:00	0.4	NE	04/03/2016	19:30	5.8	ENE
04/03/2016	06:35	2.2	WSW	04/03/2016	13:05	1.8	WNW	04/03/2016	19:35	5.8	ENE
04/03/2016	06:40	0.9	WSW	04/03/2016	13:10	0.9	WNW	04/03/2016	19:40	4.5	E
04/03/2016	06:45	1.3	W	04/03/2016	13:15	2.2	NE	04/03/2016	19:45	4.5	ENE
04/03/2016	06:50	1.3	W	04/03/2016	13:20	2.7	NNE	04/03/2016	19:50	4.5	ENE
04/03/2016	06:55	1.3	W	04/03/2016	13:25	3.1	NE	04/03/2016	19:55	4	ENE
04/03/2016	07:00	0.9	W	04/03/2016	13:30	3.6	NE	04/03/2016	20:00	3.6	NE
04/03/2016	07:05	0.4	WSW	04/03/2016	13:35	4.9	NE	04/03/2016	20:05	5.4	ENE
04/03/2016	07:10	0.4	WSW	04/03/2016	13:40	3.6	NE	04/03/2016	20:10	5.4	ENE
04/03/2016	07:15	0.9	WSW	04/03/2016	13:45	2.2	ENE	04/03/2016	20:15	5.8	ENE
04/03/2016	07:20	1.3	WNW	04/03/2016	13:50	2.2	NE	04/03/2016	20:20	5.8	ENE
04/03/2016	07:25	2.2	W	04/03/2016	13:55	2.2	ENE	04/03/2016	20:25	4.5	ENE
04/03/2016	07:30	0.9	WNW	04/03/2016	14:00	3.1	NE	04/03/2016	20:30	6.3	ENE
04/03/2016	07:35	0.4	WNW	04/03/2016	14:05	4.5	ENE	04/03/2016	20:35	4.9	ENE
04/03/2016	07:40	0.4	WNW	04/03/2016	14:10	2.7	ENE	04/03/2016	20:40	4.9	ENE
04/03/2016	07:45	0.4	ENE	04/03/2016	14:15	2.2	E	04/03/2016	20:45	5.8	ENE
04/03/2016	07:50	0.4	ENE	04/03/2016	14:20	6.3	ENE	04/03/2016	20:50	6.3	ENE
04/03/2016	07:55	0.4	NE	04/03/2016	14:25	5.8	ENE	04/03/2016	20:55	5.4	ENE
04/03/2016	08:00	0.4	NE	04/03/2016	14:30	7.2	ENE	04/03/2016	21:00	4.5	ENE
04/03/2016	08:05	2.7	WSW	04/03/2016	14:35	6.3	E	04/03/2016	21:05	5.4	ENE
04/03/2016	08:10	1.8	SW	04/03/2016	14:40	5.8	E	04/03/2016	21:10	6.3	ENE
04/03/2016	08:15	1.8	SW	04/03/2016	14:45	6.7	E	04/03/2016	21:15	4	NE
04/03/2016	08:20	1.3	SSW	04/03/2016	14:50	5.8	ENE	04/03/2016	21:20	5.4	ENE
04/03/2016	08:25	1.3	SSW	04/03/2016	14:55	7.2	E	04/03/2016	21:25	2.7	WSW
04/03/2016	08:30	1.3	SW	04/03/2016	15:00	5.4	E	04/03/2016	21:30	1.8	SW
04/03/2016	08:35	0.4	SSW	04/03/2016	15:05	2.7	WSW	04/03/2016	21:35	1.8	SW
04/03/2016	08:40	1.3	W	04/03/2016	15:10	1.8	SW	04/03/2016	21:40	1.3	SSW
04/03/2016	08:45	0.9	SSW	04/03/2016	15:15	1.8	SW	04/03/2016	21:45	1.3	SSW
04/03/2016	08:50	1.3	SSW	04/03/2016	15:20	1.3	SSW	04/03/2016	21:50	1.3	SW
04/03/2016	08:55	1.3	WSW	04/03/2016	15:25	1.3	SSW	04/03/2016	21:55	0.4	SSW
04/03/2016	09:00	0.9	W	04/03/2016	15:30	1.3	SW	04/03/2016	22:00	1.3	W
04/03/2016	09:05	1.3	WSW	04/03/2016	15:35	0.4	SSW	04/03/2016	22:05	0.9	SSW
04/03/2016	09:10	1.8	SW	04/03/2016	15:40	1.3	W	04/03/2016	22:10	1.3	SSW
04/03/2016	09:15	2.2	WSW	04/03/2016	15:45	0.9	SSW	04/03/2016	22:15	1.3	WSW
04/03/2016	09:20	1.8	W	04/03/2016	15:50	1.3	SSW	04/03/2016	22:20	0.9	W
04/03/2016	09:25	2.2	W	04/03/2016	15:55	1.3	WSW	04/03/2016	22:25	1.3	WSW
04/03/2016	09:30	0.9	WNW	04/03/2016	16:00	0.9	W	04/03/2016	22:30	1.8	SW
04/03/2016	09:35	2.2	NE	04/03/2016	16:05	1.3	WSW	04/03/2016	22:35	2.2	WSW
04/03/2016	09:40	2.7	NNE	04/03/2016	16:10	1.8	SW	04/03/2016	22:40	1.8	W
04/03/2016	09:45	3.6	NNE	04/03/2016	16:15	2.2	WSW	04/03/2016	22:45	2.2	W
04/03/2016	09:50	4	ENE	04/03/2016	16:20	1.8	W	04/03/2016	22:50	4.5	E
04/03/2016	09:55	3.1	NE	04/03/2016	16:25	2.2	W	04/03/2016	22:55	4.5	ENE
04/03/2016	10:00	3.6	NE	04/03/2016	16:30	5.8	ENE	04/03/2016	23:00	4.9	E
04/03/2016	10:05	4.9	NE	04/03/2016	16:35	7.2	ENE	04/03/2016	23:05	4.9	ENE
04/03/2016	10:10	3.6	NE	04/03/2016	16:40	5.8	E	04/03/2016	23:10	4.5	ENE
04/03/2016	10:15	3.6	NE	04/03/2016	16:45	5.4	ENE	04/03/2016	23:15	4	ENE
04/03/2016	10:20	3.1	NNE	04/03/2016	16:50	6.3	E	04/03/2016	23:20	3.6	NE
04/03/2016	10:25	3.1	NNE	04/03/2016	16:55	5.8	E	04/03/2016	23:25	5.4	E
04/03/2016	10:30	2.2	ENE	04/03/2016	17:00	6.7	E	04/03/2016	23:30	4.5	E
04/03/2016	10:35	2.2	NE	04/03/2016	17:05	6.3	E	04/03/2016	23:35	4.5	E
04/03/2016	10:40	2.2	ENE	04/03/2016	17:10	7.2	E	04/03/2016	23:40	4.5	E
04/03/2016	10:45	3.1	NE	04/03/2016	17:15	5.8	ENE	04/03/2016	23:45	4.5	NE
04/03/2016	10:50	4.5	ENE	04/03/2016	17:20	7.2	E	04/03/2016	23:50	5.4	ENE
04/03/2016	10:55	3.6	NE	04/03/2016	17:25	5.4	E	04/03/2016	23:55	5.4	E
04/03/2016	11:00	2.7	ENE	04/03/2016	17:30	6.3	ENE	05/03/2016	00:00	5.4	ENE
04/03/2016	11:05	2.7	ENE	04/03/2016	17:35	4.5	ENE	05/03/2016	00:05	3.6	N
04/03/2016	11:10	2.2	E	04/03/2016	17:40	4.5	ENE	05/03/2016	00:10	4.9	N
04/03/2016	11:15	4.9	ENE	04/03/2016	17:45	3.6	ENE	05/03/2016	00:15	4.5	NNE
04/03/2016	11:20	4	ENE	04/03/2016	17:50	4.9	E	05/03/2016	00:20	4.5	NE
04/03/2016	11:25	4.5	E	04/03/2016	17:55	5.8	E	05/03/2016	00:25	4	NE
04/03/2016	11:30	4.5	ENE	04/03/2016	18:00	2.7	WSW	05/03/2016	00:30	5.4	ENE
04/03/2016	11:35	2.7	WSW	04/03/2016	18:05	1.8	SW	05/03/2016	00:35	4.5	NE
04/03/2016	11:40	1.8	SW	04/03/2016	18:10	1.8	SW	05/03/2016	00:40	4	NE
04/03/2016	11:45	1.8	SW	04/03/2016	18:15	1.3	SSW	05/03/2016	00:45	4	NW
04/03/2016	11:50	1.3	SSW	04/03/2016	18:20	1.3	SSW	05/03/2016	00:50	4.9	NW
04/03/2016	11:55	1.3	SSW	04/03/2016	18:25	1.3	SW	05/03/2016	00:55	4	N
04/03/2016	12:00	1.3	SW	04/03/2016	18:30	0.4	SSW	05/03/2016	01:00	3.6	NW
04/03/2016	12:05	0.4	SSW	04/03/2016	18:35	1.3	W	05/03/2016	01:05	3.1	NW
04/03/2016	12:10	1.3	W	04/03/2016	18:40	0.9	SSW	05/03/2016	01:10	3.6	N
04/03/2016	12:15	0.9	SSW	04/03/2016	18:45	1.3	SSW	05/03/2016	01:15	4.5	N
04/03/2016	12:20	1.3	SSW	04/03/2016	18:50	1.3	WSW	05/03/2016	01:20	3.1	NNW
04/03/2016	12:25	1.3	WSW	04/03/2016	18:55	0.9	W	05/03/2016	01:25	3.1	N
04/03/2016	12:30	0.9	W	04/03/2016	19:00	1.3	WSW	05/03/2016	01:30	2.7	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
05/03/2016	01:35	2.7	NNE	05/03/2016	08:05	4.5	N	05/03/2016	14:35	4.5	NE
05/03/2016	01:40	3.1	NE	05/03/2016	08:10	3.6	ENE	05/03/2016	14:40	3.1	NE
05/03/2016	01:45	3.6	W	05/03/2016	08:15	3.6	NW	05/03/2016	14:45	5.8	ENE
05/03/2016	01:50	8	ENE	05/03/2016	08:20	3.1	NW	05/03/2016	14:50	6.7	ENE
05/03/2016	01:55	7.6	ENE	05/03/2016	08:25	3.6	N	05/03/2016	14:55	6.3	ENE
05/03/2016	02:00	7.2	ENE	05/03/2016	08:30	4.5	N	05/03/2016	15:00	5.8	ENE
05/03/2016	02:05	6.7	ENE	05/03/2016	08:35	3.1	NNW	05/03/2016	15:05	4	NE
05/03/2016	02:10	7.2	NE	05/03/2016	08:40	3.1	N	05/03/2016	15:10	2.2	E
05/03/2016	02:15	6.7	NE	05/03/2016	08:45	2.7	NNE	05/03/2016	15:15	3.6	NE
05/03/2016	02:20	7.2	NE	05/03/2016	08:50	2.7	NNE	05/03/2016	15:20	1.3	NE
05/03/2016	02:25	6.3	NE	05/03/2016	08:55	3.1	NE	05/03/2016	15:25	2.7	W
05/03/2016	02:30	5.4	NE	05/03/2016	09:00	3.6	W	05/03/2016	15:30	2.7	NNW
05/03/2016	02:35	7.6	ENE	05/03/2016	09:05	8	ENE	05/03/2016	15:35	1.3	SSE
05/03/2016	02:40	6.7	NE	05/03/2016	09:10	7.6	ENE	05/03/2016	15:40	1.8	SW
05/03/2016	02:45	6.7	NE	05/03/2016	09:15	7.2	ENE	05/03/2016	15:45	0.9	NNE
05/03/2016	02:50	5.8	ENE	05/03/2016	09:20	6.7	ENE	05/03/2016	15:50	2.7	NE
05/03/2016	02:55	7.2	NE	05/03/2016	09:25	3.1	WNW	05/03/2016	15:55	2.2	NE
05/03/2016	03:00	6.3	NE	05/03/2016	09:30	3.1	WNW	05/03/2016	16:00	2.2	N
05/03/2016	03:05	8	NE	05/03/2016	09:35	4	W	05/03/2016	16:05	2.2	ENE
05/03/2016	03:10	6.3	NE	05/03/2016	09:40	3.1	N	05/03/2016	16:10	4.5	E
05/03/2016	03:15	7.6	ENE	05/03/2016	09:45	2.7	NNE	05/03/2016	16:15	3.6	ENE
05/03/2016	03:20	5.4	ENE	05/03/2016	09:50	4.9	NNE	05/03/2016	16:20	3.6	NW
05/03/2016	03:25	6.3	ENE	05/03/2016	09:55	4	NE	05/03/2016	16:25	3.1	NW
05/03/2016	03:30	5.8	NE	05/03/2016	10:00	4	NNE	05/03/2016	16:30	3.6	N
05/03/2016	03:35	7.6	ENE	05/03/2016	10:05	4.9	N	05/03/2016	16:35	4.5	N
05/03/2016	03:40	7.6	NE	05/03/2016	10:10	5.4	NE	05/03/2016	16:40	3.1	NNW
05/03/2016	03:45	9.4	NE	05/03/2016	10:15	6.7	NE	05/03/2016	16:45	3.1	N
05/03/2016	03:50	8.9	NE	05/03/2016	10:20	8.5	NE	05/03/2016	16:50	2.7	NNE
05/03/2016	03:55	8	NE	05/03/2016	10:25	8.5	NE	05/03/2016	16:55	2.7	NNE
05/03/2016	04:00	3.6	NW	05/03/2016	10:30	8.5	NE	05/03/2016	17:00	3.1	NE
05/03/2016	04:05	3.1	NW	05/03/2016	10:35	8	NE	05/03/2016	17:05	3.6	W
05/03/2016	04:10	3.6	N	05/03/2016	10:40	8.9	NE	05/03/2016	17:10	8	ENE
05/03/2016	04:15	4.5	N	05/03/2016	10:45	9.4	NE	05/03/2016	17:15	7.6	ENE
05/03/2016	04:20	3.1	NNW	05/03/2016	10:50	8.9	NE	05/03/2016	17:20	7.2	ENE
05/03/2016	04:25	3.1	N	05/03/2016	10:55	8.9	NE	05/03/2016	17:25	6.7	ENE
05/03/2016	04:30	2.7	NNE	05/03/2016	11:00	9.4	NE	05/03/2016	17:30	3.6	NW
05/03/2016	04:35	2.7	NNE	05/03/2016	11:05	9.4	NE	05/03/2016	17:35	3.1	NW
05/03/2016	04:40	3.1	NE	05/03/2016	11:10	8.5	ENE	05/03/2016	17:40	1.8	NNW
05/03/2016	04:45	3.6	W	05/03/2016	11:15	8.9	ENE	05/03/2016	17:45	0.9	NNE
05/03/2016	04:50	8	ENE	05/03/2016	11:20	9.4	NE	05/03/2016	17:50	1.3	NNE
05/03/2016	04:55	7.6	ENE	05/03/2016	11:25	9.4	NE	05/03/2016	17:55	1.3	E
05/03/2016	05:00	7.2	ENE	05/03/2016	11:30	9.4	NE	05/03/2016	18:00	1.8	ENE
05/03/2016	05:05	6.7	ENE	05/03/2016	11:35	9.4	ENE	05/03/2016	18:05	1.8	ENE
05/03/2016	05:10	7.6	NE	05/03/2016	11:40	8.5	ENE	05/03/2016	18:10	0.4	ENE
05/03/2016	05:15	7.6	ENE	05/03/2016	11:45	8.9	NE	05/03/2016	18:15	3.6	ENE
05/03/2016	05:20	7.2	ENE	05/03/2016	11:50	3.6	NW	05/03/2016	18:20	4	E
05/03/2016	05:25	7.6	ENE	05/03/2016	11:55	3.1	NW	05/03/2016	18:25	4	ENE
05/03/2016	05:30	7.2	NE	05/03/2016	12:00	3.6	N	05/03/2016	18:30	2.7	E
05/03/2016	05:35	8.5	NE	05/03/2016	12:05	4.5	N	05/03/2016	18:35	2.7	ENE
05/03/2016	05:40	4.5	ENE	05/03/2016	12:10	3.1	NNW	05/03/2016	18:40	3.1	E
05/03/2016	05:45	4.5	ENE	05/03/2016	12:15	3.1	N	05/03/2016	18:45	2.7	ENE
05/03/2016	05:50	4.5	NE	05/03/2016	12:20	2.7	NNE	05/03/2016	18:50	1.3	E
05/03/2016	05:55	6.3	ENE	05/03/2016	12:25	2.7	NNE	05/03/2016	18:55	1.3	E
05/03/2016	06:00	5.8	ENE	05/03/2016	12:30	3.1	NE	05/03/2016	19:00	1.8	NE
05/03/2016	06:05	4	NE	05/03/2016	12:35	3.6	W	05/03/2016	19:05	3.6	ENE
05/03/2016	06:10	2.2	E	05/03/2016	12:40	8	ENE	05/03/2016	19:10	3.1	E
05/03/2016	06:15	2.7	W	05/03/2016	12:45	7.6	ENE	05/03/2016	19:15	4	ENE
05/03/2016	06:20	2.7	NNW	05/03/2016	12:50	7.2	ENE	05/03/2016	19:20	3.6	ENE
05/03/2016	06:25	1.3	SSE	05/03/2016	12:55	6.7	ENE	05/03/2016	19:25	4	ENE
05/03/2016	06:30	1.8	SW	05/03/2016	13:00	7.2	ENE	05/03/2016	19:30	5.8	E
05/03/2016	06:35	2.2	N	05/03/2016	13:05	8.5	ENE	05/03/2016	19:35	5.8	ENE
05/03/2016	06:40	2.2	ENE	05/03/2016	13:10	7.6	ENE	05/03/2016	19:40	5.8	ENE
05/03/2016	06:45	4.5	E	05/03/2016	13:15	8	ENE	05/03/2016	19:45	4.9	E
05/03/2016	06:50	4	E	05/03/2016	13:20	6.3	ENE	05/03/2016	19:50	4.5	ENE
05/03/2016	06:55	7.2	E	05/03/2016	13:25	6.3	ENE	05/03/2016	19:55	3.1	ENE
05/03/2016	07:00	5.4	ENE	05/03/2016	13:30	7.2	ENE	05/03/2016	20:00	4.5	ENE
05/03/2016	07:05	4.9	E	05/03/2016	13:35	6.7	ENE	05/03/2016	20:05	3.6	NW
05/03/2016	07:10	4.9	E	05/03/2016	13:40	7.2	NE	05/03/2016	20:10	3.1	NW
05/03/2016	07:15	4.9	E	05/03/2016	13:45	6.7	ENE	05/03/2016	20:15	3.6	N
05/03/2016	07:20	3.6	ENE	05/03/2016	13:50	7.6	ENE	05/03/2016	20:20	4.5	N
05/03/2016	07:25	2.7	NNW	05/03/2016	13:55	7.2	NE	05/03/2016	20:25	3.1	NNW
05/03/2016	07:30	0.4	E	05/03/2016	14:00	8.5	NE	05/03/2016	20:30	3.1	N
05/03/2016	07:35	1.8	NNW	05/03/2016	14:05	8	NE	05/03/2016	20:35	2.7	NNE
05/03/2016	07:40	0.9	NNE	05/03/2016	14:10	7.2	NE	05/03/2016	20:40	2.7	NNE
05/03/2016	07:45	1.3	NNE	05/03/2016	14:15	7.2	ENE	05/03/2016	20:45	3.1	NE
05/03/2016	07:50	1.3	E	05/03/2016	14:20	4.9	E	05/03/2016	20:50	3.6	W
05/03/2016	07:55	1.8	ENE	05/03/2016	14:25	4.5	ENE	05/03/2016	20:55	8	ENE
05/03/2016	08:00	3.6	N	05/03/2016	14:30	4.5	ENE	05/03/2016	21:00	7.6	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
05/03/2016	21:05	7.2	ENE	06/03/2016	03:35	1.8	ENE	06/03/2016	10:05	3.6	NE
05/03/2016	21:10	6.7	ENE	06/03/2016	03:40	2.2	E	06/03/2016	10:10	5.8	ENE
05/03/2016	21:15	2.2	E	06/03/2016	03:45	2.7	NE	06/03/2016	10:15	6.3	ENE
05/03/2016	21:20	3.1	NE	06/03/2016	03:50	2.7	NE	06/03/2016	10:20	6.3	E
05/03/2016	21:25	3.6	ENE	06/03/2016	03:55	2.2	ENE	06/03/2016	10:25	4.9	NE
05/03/2016	21:30	4.9	ENE	06/03/2016	04:00	1.8	E	06/03/2016	10:30	6.3	ENE
05/03/2016	21:35	2.7	NNE	06/03/2016	04:05	3.1	ENE	06/03/2016	10:35	6.3	ENE
05/03/2016	21:40	4.9	NNE	06/03/2016	04:10	2.7	ENE	06/03/2016	10:40	6.3	NE
05/03/2016	21:45	4	NE	06/03/2016	04:15	3.1	NE	06/03/2016	10:45	4.9	ENE
05/03/2016	21:50	4	NNE	06/03/2016	04:20	4.5	NE	06/03/2016	10:50	6.3	NE
05/03/2016	21:55	4.9	N	06/03/2016	04:25	4.5	NE	06/03/2016	10:55	6.7	ENE
05/03/2016	22:00	8.5	NE	06/03/2016	04:30	4.5	NE	06/03/2016	11:00	6.3	ENE
05/03/2016	22:05	8.5	NE	06/03/2016	04:35	4	ENE	06/03/2016	11:05	5.8	NE
05/03/2016	22:10	8.5	NE	06/03/2016	04:40	4.5	NE	06/03/2016	11:10	6.7	NE
05/03/2016	22:15	8	NE	06/03/2016	04:45	3.6	NE	06/03/2016	11:15	6.3	NE
05/03/2016	22:20	8.9	NE	06/03/2016	04:50	4	ENE	06/03/2016	11:20	3.6	ENE
05/03/2016	22:25	8.9	NE	06/03/2016	04:55	3.6	NE	06/03/2016	11:25	2.7	E
05/03/2016	22:30	9.4	NE	06/03/2016	05:00	4.5	NE	06/03/2016	11:30	1.8	ENE
05/03/2016	22:35	9.4	NE	06/03/2016	05:05	3.6	ENE	06/03/2016	11:35	1.8	NNE
05/03/2016	22:40	9.4	NE	06/03/2016	05:10	2.7	E	06/03/2016	11:40	2.7	ENE
05/03/2016	22:45	9.4	NE	06/03/2016	05:15	1.8	ENE	06/03/2016	11:45	2.7	ENE
05/03/2016	22:50	9.4	ENE	06/03/2016	05:20	1.8	NNE	06/03/2016	11:50	3.6	NE
05/03/2016	22:55	8.5	ENE	06/03/2016	05:25	2.7	ENE	06/03/2016	11:55	2.7	ENE
05/03/2016	23:00	8.9	NE	06/03/2016	05:30	2.7	ENE	06/03/2016	12:00	4.9	ENE
05/03/2016	23:05	6.7	ENE	06/03/2016	05:35	3.6	NE	06/03/2016	12:05	5.4	NE
05/03/2016	23:10	7.6	ENE	06/03/2016	05:40	2.7	ENE	06/03/2016	12:10	5.4	ENE
05/03/2016	23:15	7.2	ENE	06/03/2016	05:45	4.9	ENE	06/03/2016	12:15	5.8	NE
05/03/2016	23:20	7.6	NE	06/03/2016	05:50	5.4	NE	06/03/2016	12:20	5.4	ENE
05/03/2016	23:25	8	NE	06/03/2016	05:55	5.4	ENE	06/03/2016	12:25	5.8	ENE
05/03/2016	23:30	7.2	ENE	06/03/2016	06:00	5.8	NE	06/03/2016	12:30	6.3	ENE
05/03/2016	23:35	7.6	ENE	06/03/2016	06:05	5.4	ENE	06/03/2016	12:35	6.3	E
05/03/2016	23:40	7.6	NE	06/03/2016	06:10	5.8	ENE	06/03/2016	12:40	6.3	NE
05/03/2016	23:45	1.3	NE	06/03/2016	06:15	6.3	ENE	06/03/2016	12:45	6.7	ENE
05/03/2016	23:50	1.8	NE	06/03/2016	06:20	6.3	E	06/03/2016	12:50	6.3	ENE
05/03/2016	23:55	0.4	NW	06/03/2016	06:25	6.3	NE	06/03/2016	12:55	0.9	NNE
06/03/2016	00:00	1.3	NE	06/03/2016	06:30	6.7	ENE	06/03/2016	13:00	1.8	NNE
06/03/2016	00:05	2.2	NE	06/03/2016	06:35	6.3	ENE	06/03/2016	13:05	1.8	NNE
06/03/2016	00:10	2.2	ENE	06/03/2016	06:40	4	NE	06/03/2016	13:10	0.9	ENE
06/03/2016	00:15	1.8	E	06/03/2016	06:45	4	NE	06/03/2016	13:15	2.2	NE
06/03/2016	00:20	3.1	ENE	06/03/2016	06:50	3.6	NE	06/03/2016	13:20	3.1	NE
06/03/2016	00:25	2.7	ENE	06/03/2016	06:55	3.1	E	06/03/2016	13:25	2.2	E
06/03/2016	00:30	3.1	NE	06/03/2016	07:00	4	E	06/03/2016	13:30	2.7	ENE
06/03/2016	00:35	4.5	NE	06/03/2016	07:05	4	ENE	06/03/2016	13:35	2.2	ENE
06/03/2016	00:40	4.5	NE	06/03/2016	07:10	4	NE	06/03/2016	13:40	1.8	E
06/03/2016	00:45	4.5	NE	06/03/2016	07:15	4.5	ENE	06/03/2016	13:45	3.1	ENE
06/03/2016	00:50	4	ENE	06/03/2016	07:20	4.9	ENE	06/03/2016	13:50	2.7	ENE
06/03/2016	00:55	4.5	NE	06/03/2016	07:25	4.9	NE	06/03/2016	13:55	3.1	NE
06/03/2016	01:00	3.6	NE	06/03/2016	07:30	4	NE	06/03/2016	14:00	4.5	NE
06/03/2016	01:05	4	ENE	06/03/2016	07:35	4	NE	06/03/2016	14:05	4.5	NE
06/03/2016	01:10	3.6	NE	06/03/2016	07:40	3.6	NE	06/03/2016	14:10	4.5	NE
06/03/2016	01:15	4	NE	06/03/2016	07:45	3.6	ENE	06/03/2016	14:15	4	ENE
06/03/2016	01:20	4	ENE	06/03/2016	07:50	4.5	ENE	06/03/2016	14:20	4.5	NE
06/03/2016	01:25	4	ENE	06/03/2016	07:55	4.5	NE	06/03/2016	14:25	3.6	NE
06/03/2016	01:30	3.1	E	06/03/2016	08:00	4.9	NE	06/03/2016	14:30	4	ENE
06/03/2016	01:35	4	E	06/03/2016	08:05	3.6	ENE	06/03/2016	14:35	3.6	NE
06/03/2016	01:40	4	ENE	06/03/2016	08:10	2.7	E	06/03/2016	14:40	1.3	W
06/03/2016	01:45	2.7	E	06/03/2016	08:15	1.8	ENE	06/03/2016	14:45	0.9	WNW
06/03/2016	01:50	2.7	ENE	06/03/2016	08:20	1.8	NNE	06/03/2016	14:50	0.9	W
06/03/2016	01:55	2.2	ENE	06/03/2016	08:25	0.9	NNE	06/03/2016	14:55	1.3	WNW
06/03/2016	02:00	2.7	NE	06/03/2016	08:30	1.8	NNE	06/03/2016	15:00	1.3	NNW
06/03/2016	02:05	4.5	NE	06/03/2016	08:35	1.8	NNE	06/03/2016	15:05	0.9	NNW
06/03/2016	02:10	4	NE	06/03/2016	08:40	0.9	ENE	06/03/2016	15:10	0.9	NNW
06/03/2016	02:15	3.1	E	06/03/2016	08:45	2.2	NE	06/03/2016	15:15	0.9	N
06/03/2016	02:20	4	NE	06/03/2016	08:50	2.7	ENE	06/03/2016	15:20	0.9	N
06/03/2016	02:25	2.7	NE	06/03/2016	08:55	2.7	ENE	06/03/2016	15:25	0.4	NW
06/03/2016	02:30	2.7	NE	06/03/2016	09:00	3.6	NE	06/03/2016	15:30	0.9	N
06/03/2016	02:35	2.7	ENE	06/03/2016	09:05	2.2	ENE	06/03/2016	15:35	0.4	N
06/03/2016	02:40	2.2	NE	06/03/2016	09:10	1.8	E	06/03/2016	15:40	0.4	N
06/03/2016	02:45	2.7	NE	06/03/2016	09:15	3.1	ENE	06/03/2016	15:45	0.9	N
06/03/2016	02:50	4	NE	06/03/2016	09:20	2.7	ENE	06/03/2016	15:50	0.9	NNW
06/03/2016	02:55	4	NE	06/03/2016	09:25	3.1	NE	06/03/2016	15:55	0.9	NW
06/03/2016	03:00	4.5	NE	06/03/2016	09:30	4.5	NE	06/03/2016	16:00	0.9	NNW
06/03/2016	03:05	3.6	NE	06/03/2016	09:35	4.5	NE	06/03/2016	16:05	0.9	NNW
06/03/2016	03:10	4	NE	06/03/2016	09:40	4.5	NE	06/03/2016	16:10	0.9	NNW
06/03/2016	03:15	4	NE	06/03/2016	09:45	4	ENE	06/03/2016	16:15	0.9	NNW
06/03/2016	03:20	2.7	NE	06/03/2016	09:50	4.5	NE	06/03/2016	16:20	0.9	NNW
06/03/2016	03:25	1.8	ENE	06/03/2016	09:55	3.6	NE	06/03/2016	16:25	0.4	NNE
06/03/2016	03:30	1.8	ENE	06/03/2016	10:00	4	ENE	06/03/2016	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
06/03/2016	16:35	0.9	WNW	06/03/2016	23:05	0.9	WNW	07/03/2016	05:35	1.8	NNE
06/03/2016	16:40	0.9	WNW	06/03/2016	23:10	1.3	W	07/03/2016	05:40	1.3	NNE
06/03/2016	16:45	0.9	WNW	06/03/2016	23:15	0.4	WSW	07/03/2016	05:45	1.8	NE
06/03/2016	16:50	0.9	WNW	06/03/2016	23:20	0.9	W	07/03/2016	05:50	1.8	NE
06/03/2016	16:55	0.9	WNW	06/03/2016	23:25	0.9	W	07/03/2016	05:55	1.3	N
06/03/2016	17:00	1.8	ENE	06/03/2016	23:30	0.9	NW	07/03/2016	06:00	1.3	N
06/03/2016	17:05	1.8	NNE	06/03/2016	23:35	0.9	NW	07/03/2016	06:05	0.9	NNE
06/03/2016	17:10	2.7	ENE	06/03/2016	23:40	0.9	NE	07/03/2016	06:10	0.9	N
06/03/2016	17:15	2.7	ENE	06/03/2016	23:45	1.8	NE	07/03/2016	06:15	1.8	NE
06/03/2016	17:20	2.2	ENE	06/03/2016	23:50	1.3	NNE	07/03/2016	06:20	1.8	NE
06/03/2016	17:25	1.8	E	06/03/2016	23:55	1.3	NNE	07/03/2016	06:25	2.2	NE
06/03/2016	17:30	3.1	ENE	07/03/2016	00:00	1.3	NE	07/03/2016	06:30	1.8	NE
06/03/2016	17:35	2.7	ENE	07/03/2016	00:05	0.9	NNE	07/03/2016	06:35	1.8	NE
06/03/2016	17:40	3.1	NE	07/03/2016	00:10	0.9	N	07/03/2016	06:40	1.3	NE
06/03/2016	17:45	4.5	NE	07/03/2016	00:15	1.8	NE	07/03/2016	06:45	0.4	NE
06/03/2016	17:50	4.5	NE	07/03/2016	00:20	2.2	NE	07/03/2016	06:50	0.4	S
06/03/2016	17:55	4.5	NE	07/03/2016	00:25	1.8	NE	07/03/2016	06:55	0.4	SW
06/03/2016	18:00	4	ENE	07/03/2016	00:30	1.8	NE	07/03/2016	07:00	0.4	SSW
06/03/2016	18:05	4.5	NE	07/03/2016	00:35	0.4	S	07/03/2016	07:05	0.9	SW
06/03/2016	18:10	3.6	NE	07/03/2016	00:40	0.4	SW	07/03/2016	07:10	0.9	SSW
06/03/2016	18:15	4	ENE	07/03/2016	00:45	0.4	SSW	07/03/2016	07:15	0.9	NNW
06/03/2016	18:20	3.6	NE	07/03/2016	00:50	0.9	NNW	07/03/2016	07:20	0.9	NNW
06/03/2016	18:25	2.7	WNW	07/03/2016	00:55	0.9	NNW	07/03/2016	07:25	0.9	W
06/03/2016	18:30	1.8	WNW	07/03/2016	01:00	0.9	W	07/03/2016	07:30	0.9	WSW
06/03/2016	18:35	1.8	W	07/03/2016	01:05	0.4	WSW	07/03/2016	07:35	0.9	WSW
06/03/2016	18:40	1.8	W	07/03/2016	01:10	0.9	SW	07/03/2016	07:40	0.4	WSW
06/03/2016	18:45	1.3	W	07/03/2016	01:15	0.9	N	07/03/2016	07:45	0.9	SW
06/03/2016	18:50	0.9	NNW	07/03/2016	01:20	0.9	S	07/03/2016	07:50	0.9	N
06/03/2016	18:55	0.9	N	07/03/2016	01:25	0.4	SW	07/03/2016	07:55	0.9	E
06/03/2016	19:00	0.9	N	07/03/2016	01:30	0.9	SW	07/03/2016	08:00	0.4	ENE
06/03/2016	19:05	0.4	NW	07/03/2016	01:35	1.8	NE	07/03/2016	08:05	0.9	S
06/03/2016	19:10	0.9	N	07/03/2016	01:40	1.8	ENE	07/03/2016	08:10	0.4	SW
06/03/2016	19:15	0.9	NNW	07/03/2016	01:45	1.3	NNE	07/03/2016	08:15	0.9	SW
06/03/2016	19:20	0.9	NNW	07/03/2016	01:50	1.3	NE	07/03/2016	08:20	0.9	SW
06/03/2016	19:25	0.9	NNW	07/03/2016	01:55	1.3	NE	07/03/2016	08:25	1.3	WSW
06/03/2016	19:30	0.9	NNW	07/03/2016	02:00	0.9	E	07/03/2016	08:30	0.4	WSW
06/03/2016	19:35	0.9	NNW	07/03/2016	02:05	1.3	NNE	07/03/2016	08:35	0.4	WSW
06/03/2016	19:40	0.9	WNW	07/03/2016	02:10	0.4	NNE	07/03/2016	08:40	0.4	WSW
06/03/2016	19:45	0.9	WNW	07/03/2016	02:15	1.3	ENE	07/03/2016	08:45	0.4	WSW
06/03/2016	19:50	0.9	WNW	07/03/2016	02:20	1.3	ENE	07/03/2016	08:50	0.9	NNE
06/03/2016	19:55	2.2	NE	07/03/2016	02:25	1.3	ENE	07/03/2016	08:55	0.9	N
06/03/2016	20:00	1.8	ENE	07/03/2016	02:30	0.9	ENE	07/03/2016	09:00	1.8	NE
06/03/2016	20:05	2.2	NE	07/03/2016	02:35	1.8	NE	07/03/2016	09:05	2.2	NE
06/03/2016	20:10	3.6	NE	07/03/2016	02:40	0.9	NE	07/03/2016	09:10	1.8	NE
06/03/2016	20:15	2.2	ENE	07/03/2016	02:45	0.9	NE	07/03/2016	09:15	1.8	NE
06/03/2016	20:20	3.6	NE	07/03/2016	02:50	1.3	NE	07/03/2016	09:20	0.4	S
06/03/2016	20:25	2.7	ENE	07/03/2016	02:55	0.9	ENE	07/03/2016	09:25	0.4	SW
06/03/2016	20:30	0.9	ESE	07/03/2016	03:00	0.9	ENE	07/03/2016	09:30	0.4	SSW
06/03/2016	20:35	1.8	ESE	07/03/2016	03:05	1.3	NE	07/03/2016	09:35	0.9	NNW
06/03/2016	20:40	1.8	ENE	07/03/2016	03:10	1.3	NE	07/03/2016	09:40	0.9	NNW
06/03/2016	20:45	2.7	E	07/03/2016	03:15	2.2	NE	07/03/2016	09:45	0.9	W
06/03/2016	20:50	2.2	ENE	07/03/2016	03:20	1.8	NE	07/03/2016	09:50	0.4	WSW
06/03/2016	20:55	2.7	NE	07/03/2016	03:25	1.8	NNE	07/03/2016	09:55	0.9	SW
06/03/2016	21:00	4.5	NE	07/03/2016	03:30	1.8	NE	07/03/2016	10:00	0.9	N
06/03/2016	21:05	2.2	ENE	07/03/2016	03:35	1.3	NNE	07/03/2016	10:05	0.9	S
06/03/2016	21:10	1.8	E	07/03/2016	03:40	1.8	NE	07/03/2016	10:10	0.4	SW
06/03/2016	21:15	3.1	ENE	07/03/2016	03:45	1.8	NE	07/03/2016	10:15	0.9	SW
06/03/2016	21:20	2.7	ENE	07/03/2016	03:50	1.3	NNE	07/03/2016	10:20	3.1	NE
06/03/2016	21:25	3.1	NE	07/03/2016	03:55	1.3	NE	07/03/2016	10:25	3.6	NE
06/03/2016	21:30	4.5	NE	07/03/2016	04:00	0.9	NNE	07/03/2016	10:30	2.7	NE
06/03/2016	21:35	4.5	NE	07/03/2016	04:05	0.9	N	07/03/2016	10:35	2.7	NE
06/03/2016	21:40	4.5	NE	07/03/2016	04:10	1.8	NE	07/03/2016	10:40	2.7	E
06/03/2016	21:45	4	ENE	07/03/2016	04:15	2.2	NE	07/03/2016	10:45	2.7	ENE
06/03/2016	21:50	4.5	NE	07/03/2016	04:20	1.8	NE	07/03/2016	10:50	3.1	NE
06/03/2016	21:55	3.6	NE	07/03/2016	04:25	1.8	NE	07/03/2016	10:55	3.1	E
06/03/2016	22:00	4	ENE	07/03/2016	04:30	0.4	S	07/03/2016	11:00	3.1	E
06/03/2016	22:05	3.6	NE	07/03/2016	04:35	0.4	SW	07/03/2016	11:05	3.6	ENE
06/03/2016	22:10	0.9	WSW	07/03/2016	04:40	0.4	SSW	07/03/2016	11:10	3.1	E
06/03/2016	22:15	0.9	WSW	07/03/2016	04:45	0.9	NNW	07/03/2016	11:15	4.5	E
06/03/2016	22:20	0.9	WSW	07/03/2016	04:50	0.9	NNW	07/03/2016	11:20	4	E
06/03/2016	22:25	0.4	WSW	07/03/2016	04:55	0.9	W	07/03/2016	11:25	3.6	E
06/03/2016	22:30	0.4	WSW	07/03/2016	05:00	0.4	WSW	07/03/2016	11:30	3.6	NE
06/03/2016	22:35	0.4	WSW	07/03/2016	05:05	0.9	SW	07/03/2016	11:35	4	NE
06/03/2016	22:40	0.4	WSW	07/03/2016	05:10	0.9	N	07/03/2016	11:40	3.6	NE
06/03/2016	22:45	0.9	W	07/03/2016	05:15	0.9	S	07/03/2016	11:45	3.6	NE
06/03/2016	22:50	0.4	W	07/03/2016	05:20	0.4	SW	07/03/2016	11:50	4	NE
06/03/2016	22:55	0.4	W	07/03/2016	05:25	0.9	SW	07/03/2016	11:55	4.5	NE
06/03/2016	23:00	0.4	W	07/03/2016	05:30	1.8	NE	07/03/2016	12:00	3.6	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
07/03/2016	12:05	0.9	NNE	07/03/2016	18:35	2.7	ENE	08/03/2016	01:05	1.3	NNE
07/03/2016	12:10	0.9	N	07/03/2016	18:40	3.1	E	08/03/2016	01:10	1.3	NNE
07/03/2016	12:15	1.8	NE	07/03/2016	18:45	3.6	ENE	08/03/2016	01:15	1.3	NE
07/03/2016	12:20	2.2	NE	07/03/2016	18:50	3.1	E	08/03/2016	01:20	0.9	NE
07/03/2016	12:25	1.8	NE	07/03/2016	18:55	0.9	WSW	08/03/2016	01:25	0.9	NE
07/03/2016	12:30	1.8	NE	07/03/2016	19:00	0.4	WSW	08/03/2016	01:30	0.9	NNE
07/03/2016	12:35	0.4	S	07/03/2016	19:05	0.9	SW	08/03/2016	01:35	1.3	NNE
07/03/2016	12:40	0.4	SW	07/03/2016	19:10	0.9	N	08/03/2016	01:40	1.8	NNE
07/03/2016	12:45	0.4	SSW	07/03/2016	19:15	0.9	E	08/03/2016	01:45	1.8	NE
07/03/2016	12:50	0.9	NNW	07/03/2016	19:20	0.4	ENE	08/03/2016	01:50	2.2	NE
07/03/2016	12:55	0.9	NNW	07/03/2016	19:25	0.9	S	08/03/2016	01:55	2.2	NE
07/03/2016	13:00	0.9	W	07/03/2016	19:30	0.4	SW	08/03/2016	02:00	0.9	E
07/03/2016	13:05	0.4	WSW	07/03/2016	19:35	0.9	SW	08/03/2016	02:05	1.3	NNE
07/03/2016	13:10	0.9	SW	07/03/2016	19:40	0.9	SW	08/03/2016	02:10	1.8	NNE
07/03/2016	13:15	0.9	N	07/03/2016	19:45	1.3	WSW	08/03/2016	02:15	1.3	ENE
07/03/2016	13:20	0.9	S	07/03/2016	19:50	0.4	WSW	08/03/2016	02:20	1.3	ENE
07/03/2016	13:25	0.4	SW	07/03/2016	19:55	0.4	W	08/03/2016	02:25	1.3	ENE
07/03/2016	13:30	0.9	SW	07/03/2016	20:00	1.8	NE	08/03/2016	02:30	1.3	ENE
07/03/2016	13:35	4	NE	07/03/2016	20:05	1.8	NE	08/03/2016	02:35	0.9	ENE
07/03/2016	13:40	4.5	NE	07/03/2016	20:10	0.4	NE	08/03/2016	02:40	0.9	ENE
07/03/2016	13:45	4	ENE	07/03/2016	20:15	0.9	NNE	08/03/2016	02:45	0.9	NE
07/03/2016	13:50	4	NE	07/03/2016	20:20	0.9	E	08/03/2016	02:50	1.3	NE
07/03/2016	13:55	4.5	NE	07/03/2016	20:25	1.8	NE	08/03/2016	02:55	1.8	N
07/03/2016	14:00	4.5	NE	07/03/2016	20:30	2.2	NE	08/03/2016	03:00	1.3	N
07/03/2016	14:05	4	NE	07/03/2016	20:35	0.9	NNE	08/03/2016	03:05	1.8	NNE
07/03/2016	14:10	4	NE	07/03/2016	20:40	0.9	N	08/03/2016	03:10	1.3	NNE
07/03/2016	14:15	3.6	NE	07/03/2016	20:45	1.8	NE	08/03/2016	03:15	1.8	NNE
07/03/2016	14:20	3.6	NE	07/03/2016	20:50	2.2	NE	08/03/2016	03:20	1.8	NNE
07/03/2016	14:25	3.1	NE	07/03/2016	20:55	1.8	NE	08/03/2016	03:25	1.3	NNE
07/03/2016	14:30	3.6	NE	07/03/2016	21:00	1.8	NE	08/03/2016	03:30	1.3	NNE
07/03/2016	14:35	2.2	NNE	07/03/2016	21:05	0.4	S	08/03/2016	03:35	1.3	NE
07/03/2016	14:40	2.7	NE	07/03/2016	21:10	0.4	SW	08/03/2016	03:40	1.3	NE
07/03/2016	14:45	2.7	NE	07/03/2016	21:15	0.4	SSW	08/03/2016	03:45	0.9	NE
07/03/2016	14:50	2.2	NE	07/03/2016	21:20	0.9	NNW	08/03/2016	03:50	0.9	NE
07/03/2016	14:55	3.1	NE	07/03/2016	21:25	0.9	NNW	08/03/2016	03:55	0.4	NE
07/03/2016	15:00	3.1	NE	07/03/2016	21:30	0.9	W	08/03/2016	04:00	1.3	NE
07/03/2016	15:05	3.1	NE	07/03/2016	21:35	0.4	WSW	08/03/2016	04:05	1.3	NE
07/03/2016	15:10	3.1	NE	07/03/2016	21:40	0.9	SW	08/03/2016	04:10	2.2	NE
07/03/2016	15:15	2.7	NE	07/03/2016	21:45	0.9	N	08/03/2016	04:15	1.8	NE
07/03/2016	15:20	0.9	NNE	07/03/2016	21:50	0.9	S	08/03/2016	04:20	1.8	NNE
07/03/2016	15:25	0.9	N	07/03/2016	21:55	0.4	SW	08/03/2016	04:25	1.3	NE
07/03/2016	15:30	1.8	NE	07/03/2016	22:00	0.9	SW	08/03/2016	04:30	0.9	NE
07/03/2016	15:35	2.2	NE	07/03/2016	22:05	3.6	NE	08/03/2016	04:35	0.9	NE
07/03/2016	15:40	1.8	NE	07/03/2016	22:10	4	NE	08/03/2016	04:40	0.9	NNE
07/03/2016	15:45	1.8	NE	07/03/2016	22:15	4	ENE	08/03/2016	04:45	1.3	NNE
07/03/2016	15:50	0.4	S	07/03/2016	22:20	4	NE	08/03/2016	04:50	1.8	NNE
07/03/2016	15:55	0.4	SW	07/03/2016	22:25	4.5	NE	08/03/2016	04:55	1.8	NE
07/03/2016	16:00	0.4	SSW	07/03/2016	22:30	4.9	NE	08/03/2016	05:00	2.2	NE
07/03/2016	16:05	0.9	NNW	07/03/2016	22:35	4.9	NE	08/03/2016	05:05	2.2	NE
07/03/2016	16:10	0.9	NNW	07/03/2016	22:40	4.9	NE	08/03/2016	05:10	0.9	E
07/03/2016	16:15	0.9	W	07/03/2016	22:45	4.9	NE	08/03/2016	05:15	1.3	NNE
07/03/2016	16:20	0.4	WSW	07/03/2016	22:50	4	NE	08/03/2016	05:20	1.8	NNE
07/03/2016	16:25	0.9	SW	07/03/2016	22:55	4	NE	08/03/2016	05:25	1.3	ENE
07/03/2016	16:30	0.9	N	07/03/2016	23:00	4	NE	08/03/2016	05:30	1.8	NW
07/03/2016	16:35	0.9	S	07/03/2016	23:05	4.5	NE	08/03/2016	05:35	1.8	W
07/03/2016	16:40	0.4	SW	07/03/2016	23:10	4.5	NE	08/03/2016	05:40	0.9	WNW
07/03/2016	16:45	0.9	SW	07/03/2016	23:15	4.5	NE	08/03/2016	05:45	1.8	W
07/03/2016	16:50	0.9	W	07/03/2016	23:20	4.5	NE	08/03/2016	05:50	1.3	W
07/03/2016	16:55	0.9	SW	07/03/2016	23:25	4	NE	08/03/2016	05:55	0.4	W
07/03/2016	17:00	1.3	WSW	07/03/2016	23:30	4.5	NE	08/03/2016	06:00	1.3	NNE
07/03/2016	17:05	0.4	WSW	07/03/2016	23:35	4	ENE	08/03/2016	06:05	1.3	E
07/03/2016	17:10	0.4	WSW	07/03/2016	23:40	4	NE	08/03/2016	06:10	1.8	ENE
07/03/2016	17:15	0.4	W	07/03/2016	23:45	4.5	NE	08/03/2016	06:15	4	ENE
07/03/2016	17:20	0.4	W	07/03/2016	23:50	4.5	NE	08/03/2016	06:20	3.6	ENE
07/03/2016	17:25	1.8	NE	07/03/2016	23:55	3.1	NE	08/03/2016	06:25	1.8	ENE
07/03/2016	17:30	1.8	NE	08/03/2016	00:00	3.6	NE	08/03/2016	06:30	0.4	ENE
07/03/2016	17:35	0.9	NNE	08/03/2016	00:05	2.2	NNE	08/03/2016	06:35	3.6	ENE
07/03/2016	17:40	0.9	E	08/03/2016	00:10	1.8	NE	08/03/2016	06:40	4	E
07/03/2016	17:45	1.8	NE	08/03/2016	00:15	1.3	NE	08/03/2016	06:45	1.3	E
07/03/2016	17:50	2.7	NE	08/03/2016	00:20	1.8	NE	08/03/2016	06:50	1.3	E
07/03/2016	17:55	2.7	ENE	08/03/2016	00:25	1.3	NE	08/03/2016	06:55	1.8	NE
07/03/2016	18:00	2.7	ENE	08/03/2016	00:30	1.3	ENE	08/03/2016	07:00	3.6	ENE
07/03/2016	18:05	3.1	NE	08/03/2016	00:35	1.8	NE	08/03/2016	07:05	3.1	E
07/03/2016	18:10	3.1	NE	08/03/2016	00:40	1.8	NE	08/03/2016	07:10	5.8	E
07/03/2016	18:15	3.6	ENE	08/03/2016	00:45	1.8	ENE	08/03/2016	07:15	5.8	ENE
07/03/2016	18:20	3.1	NE	08/03/2016	00:50	1.8	NNE	08/03/2016	07:20	5.8	ENE
07/03/2016	18:25	2.7	NE	08/03/2016	00:55	1.3	NE	08/03/2016	07:25	4.9	E
07/03/2016	18:30	2.7	E	08/03/2016	01:00	1.3	NE	08/03/2016	07:30	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
08/03/2016	07:35	5.4	ENE	08/03/2016	14:05	4.5	NE	08/03/2016	20:35	4.9	E
08/03/2016	07:40	3.1	E	08/03/2016	14:10	4.5	NE	08/03/2016	20:40	4.5	ENE
08/03/2016	07:45	4	E	08/03/2016	14:15	4.5	NE	08/03/2016	20:45	3.1	ENE
08/03/2016	07:50	4	ENE	08/03/2016	14:20	4.5	NE	08/03/2016	20:50	4.5	ENE
08/03/2016	07:55	5.4	ENE	08/03/2016	14:25	4	NE	08/03/2016	20:55	5.4	ENE
08/03/2016	08:00	4.9	ENE	08/03/2016	14:30	4.5	NE	08/03/2016	21:00	3.1	E
08/03/2016	08:05	4.9	NE	08/03/2016	14:35	4	ENE	08/03/2016	21:05	4	E
08/03/2016	08:10	5.4	NE	08/03/2016	14:40	4	NE	08/03/2016	21:10	4	ENE
08/03/2016	08:15	4.5	ENE	08/03/2016	14:45	4.5	NE	08/03/2016	21:15	4.5	ENE
08/03/2016	08:20	0.9	WNW	08/03/2016	14:50	4.5	NE	08/03/2016	21:20	4.9	ENE
08/03/2016	08:25	1.3	W	08/03/2016	14:55	4	NE	08/03/2016	21:25	5.4	ENE
08/03/2016	08:30	1.3	NE	08/03/2016	15:00	2.7	NE	08/03/2016	21:30	4.9	ENE
08/03/2016	08:35	0.9	NE	08/03/2016	15:05	2.7	NE	08/03/2016	21:35	4.9	NE
08/03/2016	08:40	0.9	NE	08/03/2016	15:10	2.2	NE	08/03/2016	21:40	5.4	NE
08/03/2016	08:45	0.9	NNE	08/03/2016	15:15	1.3	NE	08/03/2016	21:45	1.3	NE
08/03/2016	08:50	1.3	NNE	08/03/2016	15:20	0.9	NE	08/03/2016	21:50	0.9	NE
08/03/2016	08:55	1.8	NNE	08/03/2016	15:25	0.9	NE	08/03/2016	21:55	0.9	NE
08/03/2016	09:00	1.8	NE	08/03/2016	15:30	0.9	NNE	08/03/2016	22:00	0.9	NNE
08/03/2016	09:05	2.2	NE	08/03/2016	15:35	1.3	NNE	08/03/2016	22:05	1.3	NNE
08/03/2016	09:10	2.2	NE	08/03/2016	15:40	1.8	NNE	08/03/2016	22:10	1.8	NNE
08/03/2016	09:15	0.9	E	08/03/2016	15:45	1.8	NE	08/03/2016	22:15	1.8	NE
08/03/2016	09:20	1.3	NNE	08/03/2016	15:50	2.2	NE	08/03/2016	22:20	2.2	NE
08/03/2016	09:25	1.8	NNE	08/03/2016	15:55	2.2	NE	08/03/2016	22:25	2.2	NE
08/03/2016	09:30	1.3	ENE	08/03/2016	16:00	0.9	E	08/03/2016	22:30	0.9	E
08/03/2016	09:35	4	NE	08/03/2016	16:05	1.3	NNE	08/03/2016	22:35	1.3	NNE
08/03/2016	09:40	4.5	NE	08/03/2016	16:10	1.8	NNE	08/03/2016	22:40	1.8	NNE
08/03/2016	09:45	4.5	NE	08/03/2016	16:15	1.3	ENE	08/03/2016	22:45	1.3	ENE
08/03/2016	09:50	4.5	NE	08/03/2016	16:20	3.1	NW	08/03/2016	22:50	4.5	NE
08/03/2016	09:55	4.5	NE	08/03/2016	16:25	1.3	NNE	08/03/2016	22:55	2.7	NE
08/03/2016	10:00	4.5	NE	08/03/2016	16:30	1.8	NNE	08/03/2016	23:00	2.7	NE
08/03/2016	10:05	1.8	NE	08/03/2016	16:35	1.8	NNE	08/03/2016	23:05	2.2	NE
08/03/2016	10:10	1.3	NE	08/03/2016	16:40	1.8	NNW	08/03/2016	23:10	2.2	NE
08/03/2016	10:15	1.3	NE	08/03/2016	16:45	2.2	WNW	08/03/2016	23:15	1.8	NE
08/03/2016	10:20	1.3	NE	08/03/2016	16:50	2.2	WNW	08/03/2016	23:20	3.6	E
08/03/2016	10:25	1.3	NE	08/03/2016	16:55	1.8	WNW	08/03/2016	23:25	4.9	E
08/03/2016	10:30	1.3	NE	08/03/2016	17:00	1.8	NW	08/03/2016	23:30	4.9	E
08/03/2016	10:35	1.3	NE	08/03/2016	17:05	1.8	W	08/03/2016	23:35	3.6	ENE
08/03/2016	10:40	0.9	WSW	08/03/2016	17:10	1.8	W	08/03/2016	23:40	2.7	WSW
08/03/2016	10:45	0.9	WSW	08/03/2016	17:15	1.8	W	08/03/2016	23:45	3.6	NW
08/03/2016	10:50	0.4	WSW	08/03/2016	17:20	0.9	WNW	08/03/2016	23:50	3.1	NW
08/03/2016	10:55	2.7	ENE	08/03/2016	17:25	1.8	W	08/03/2016	23:55	1.3	NNE
08/03/2016	11:00	2.7	E	08/03/2016	17:30	1.3	W	09/03/2016	00:00	1.8	NNW
08/03/2016	11:05	3.1	NE	08/03/2016	17:35	0.4	W	09/03/2016	00:05	4.5	ENE
08/03/2016	11:10	3.1	NE	08/03/2016	17:40	1.8	NNW	09/03/2016	00:10	3.1	E
08/03/2016	11:15	3.1	NE	08/03/2016	17:45	0.9	NNE	09/03/2016	00:15	3.6	E
08/03/2016	11:20	3.6	ENE	08/03/2016	17:50	1.3	NNE	09/03/2016	00:20	3.1	ENE
08/03/2016	11:25	3.1	NE	08/03/2016	17:55	1.3	E	09/03/2016	00:25	3.1	ENE
08/03/2016	11:30	3.6	E	08/03/2016	18:00	1.8	ENE	09/03/2016	00:30	4	ENE
08/03/2016	11:35	2.7	E	08/03/2016	18:05	4	ENE	09/03/2016	00:35	2.7	ENE
08/03/2016	11:40	3.6	NE	08/03/2016	18:10	4.5	ENE	09/03/2016	00:40	4	ENE
08/03/2016	11:45	1.3	NE	08/03/2016	18:15	1.3	NE	09/03/2016	00:45	4.5	ENE
08/03/2016	11:50	0.9	NE	08/03/2016	18:20	0.9	NE	09/03/2016	00:50	4.5	ENE
08/03/2016	11:55	0.9	NE	08/03/2016	18:25	0.9	NE	09/03/2016	00:55	3.1	ENE
08/03/2016	12:00	0.9	NNE	08/03/2016	18:30	0.9	NNE	09/03/2016	01:00	2.7	ENE
08/03/2016	12:05	1.3	NNE	08/03/2016	18:35	1.3	NNE	09/03/2016	01:05	4.5	ENE
08/03/2016	12:10	1.8	NNE	08/03/2016	18:40	1.8	NNE	09/03/2016	01:10	4	E
08/03/2016	12:15	1.8	NE	08/03/2016	18:45	1.8	NE	09/03/2016	01:15	3.6	ENE
08/03/2016	12:20	2.2	NE	08/03/2016	18:50	2.2	NE	09/03/2016	01:20	2.7	ENE
08/03/2016	12:25	2.2	NE	08/03/2016	18:55	2.2	NE	09/03/2016	01:25	3.1	ENE
08/03/2016	12:30	0.9	E	08/03/2016	19:00	0.9	E	09/03/2016	01:30	4	E
08/03/2016	12:35	1.3	NNE	08/03/2016	19:05	1.3	NNE	09/03/2016	01:35	4	E
08/03/2016	12:40	1.8	NNE	08/03/2016	19:10	1.8	NNE	09/03/2016	01:40	3.6	ENE
08/03/2016	12:45	1.3	ENE	08/03/2016	19:15	1.3	ENE	09/03/2016	01:45	3.1	E
08/03/2016	12:50	2.7	NE	08/03/2016	19:20	2.7	E	09/03/2016	01:50	4	ENE
08/03/2016	12:55	4.9	NE	08/03/2016	19:25	2.7	ENE	09/03/2016	01:55	3.1	ENE
08/03/2016	13:00	4.9	ENE	08/03/2016	19:30	3.1	E	09/03/2016	02:00	2.7	E
08/03/2016	13:05	4.5	NE	08/03/2016	19:35	2.7	ENE	09/03/2016	02:05	2.2	ENE
08/03/2016	13:10	4.5	NE	08/03/2016	19:40	1.3	E	09/03/2016	02:10	4	ENE
08/03/2016	13:15	4	NE	08/03/2016	19:45	1.3	E	09/03/2016	02:15	4.5	ENE
08/03/2016	13:20	4	NE	08/03/2016	19:50	1.8	NE	09/03/2016	02:20	4	ENE
08/03/2016	13:25	4	NE	08/03/2016	19:55	3.6	ENE	09/03/2016	02:25	3.6	ENE
08/03/2016	13:30	4	NE	08/03/2016	20:00	3.1	E	09/03/2016	02:30	4	E
08/03/2016	13:35	4	NE	08/03/2016	20:05	4	ENE	09/03/2016	02:35	4	ENE
08/03/2016	13:40	3.6	NE	08/03/2016	20:10	3.6	ENE	09/03/2016	02:40	5.4	ENE
08/03/2016	13:45	4	NE	08/03/2016	20:15	4	ENE	09/03/2016	02:45	4.5	ENE
08/03/2016	13:50	4	NE	08/03/2016	20:20	5.8	E	09/03/2016	02:50	4	ENE
08/03/2016	13:55	4.5	NE	08/03/2016	20:25	5.8	ENE	09/03/2016	02:55	3.6	E
08/03/2016	14:00	4.5	NE	08/03/2016	20:30	5.8	ENE	09/03/2016	03:00	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
09/03/2016	03:05	3.1	ENE	09/03/2016	09:35	3.1	E	09/03/2016	16:05	4	E
09/03/2016	03:10	2.7	ENE	09/03/2016	09:40	4	ENE	09/03/2016	16:10	4	E
09/03/2016	03:15	3.1	E	09/03/2016	09:45	2.7	E	09/03/2016	16:15	3.6	ENE
09/03/2016	03:20	4.5	ENE	09/03/2016	09:50	2.2	ENE	09/03/2016	16:20	3.1	E
09/03/2016	03:25	3.6	ENE	09/03/2016	09:55	4	ENE	09/03/2016	16:25	4	ENE
09/03/2016	03:30	4.5	ENE	09/03/2016	10:00	3.6	ENE	09/03/2016	16:30	3.6	ENE
09/03/2016	03:35	4.9	E	09/03/2016	10:05	4	E	09/03/2016	16:35	3.6	ENE
09/03/2016	03:40	4	ENE	09/03/2016	10:10	4	ENE	09/03/2016	16:40	1.8	E
09/03/2016	03:45	4	E	09/03/2016	10:15	5.4	ENE	09/03/2016	16:45	1.8	ENE
09/03/2016	03:50	3.6	ENE	09/03/2016	10:20	4.5	ENE	09/03/2016	16:50	2.7	NE
09/03/2016	03:55	2.7	ENE	09/03/2016	10:25	3.6	E	09/03/2016	16:55	2.7	E
09/03/2016	04:00	4	ENE	09/03/2016	10:30	2.7	ENE	09/03/2016	17:00	3.1	E
09/03/2016	04:05	4.5	ENE	09/03/2016	10:35	3.1	ENE	09/03/2016	17:05	3.6	NNE
09/03/2016	04:10	4.5	ENE	09/03/2016	10:40	2.7	ENE	09/03/2016	17:10	4	WNW
09/03/2016	04:15	3.1	ENE	09/03/2016	10:45	3.1	E	09/03/2016	17:15	2.2	NNE
09/03/2016	04:20	2.7	ENE	09/03/2016	10:50	3.6	ENE	09/03/2016	17:20	4	NNE
09/03/2016	04:25	4.5	ENE	09/03/2016	10:55	4.5	ENE	09/03/2016	17:25	4.9	W
09/03/2016	04:30	4	E	09/03/2016	11:00	4.9	E	09/03/2016	17:30	2.7	WNW
09/03/2016	04:35	3.6	ENE	09/03/2016	11:05	4	ENE	09/03/2016	17:35	2.2	ENE
09/03/2016	04:40	2.7	ENE	09/03/2016	11:10	4	E	09/03/2016	17:40	4	NW
09/03/2016	04:45	3.1	ENE	09/03/2016	11:15	3.6	ENE	09/03/2016	17:45	4	ENE
09/03/2016	04:50	4	E	09/03/2016	11:20	2.7	E	09/03/2016	17:50	4.5	W
09/03/2016	04:55	4	E	09/03/2016	11:25	4	ENE	09/03/2016	17:55	3.6	NNE
09/03/2016	05:00	3.6	ENE	09/03/2016	11:30	4	ENE	09/03/2016	18:00	4	ENE
09/03/2016	05:05	3.1	E	09/03/2016	11:35	4.5	ENE	09/03/2016	18:05	2.7	NE
09/03/2016	05:10	4	ENE	09/03/2016	11:40	2.7	ENE	09/03/2016	18:10	2.7	NE
09/03/2016	05:15	4	ENE	09/03/2016	11:45	4	ENE	09/03/2016	18:15	2.2	NE
09/03/2016	05:20	4	ENE	09/03/2016	11:50	4.5	ENE	09/03/2016	18:20	3.6	NE
09/03/2016	05:25	3.6	ENE	09/03/2016	11:55	4.5	ENE	09/03/2016	18:25	2.7	NE
09/03/2016	05:30	4.5	ENE	09/03/2016	12:00	3.1	ENE	09/03/2016	18:30	1.3	N
09/03/2016	05:35	4.5	ENE	09/03/2016	12:05	2.7	ENE	09/03/2016	18:35	2.2	NE
09/03/2016	05:40	4.9	E	09/03/2016	12:10	4.5	ENE	09/03/2016	18:40	2.7	ENE
09/03/2016	05:45	3.6	ENE	09/03/2016	12:15	4	E	09/03/2016	18:45	4	ENE
09/03/2016	05:50	4	ENE	09/03/2016	12:20	3.6	ENE	09/03/2016	18:50	4.5	ENE
09/03/2016	05:55	4	ENE	09/03/2016	12:25	2.7	ENE	09/03/2016	18:55	4.5	ENE
09/03/2016	06:00	3.6	ENE	09/03/2016	12:30	3.1	ENE	09/03/2016	19:00	3.1	ENE
09/03/2016	06:05	3.6	ENE	09/03/2016	12:35	4	E	09/03/2016	19:05	2.7	ENE
09/03/2016	06:10	2.7	ENE	09/03/2016	12:40	4	E	09/03/2016	19:10	4.5	ENE
09/03/2016	06:15	3.6	ENE	09/03/2016	12:45	3.6	ENE	09/03/2016	19:15	4	E
09/03/2016	06:20	4.5	ENE	09/03/2016	12:50	3.1	E	09/03/2016	19:20	3.6	ENE
09/03/2016	06:25	3.1	ENE	09/03/2016	12:55	4	ENE	09/03/2016	19:25	2.7	ENE
09/03/2016	06:30	3.1	ENE	09/03/2016	13:00	2.7	ENE	09/03/2016	19:30	3.1	ENE
09/03/2016	06:35	2.2	ENE	09/03/2016	13:05	3.6	ENE	09/03/2016	19:35	4	E
09/03/2016	06:40	3.6	ENE	09/03/2016	13:10	4.5	ENE	09/03/2016	19:40	4	E
09/03/2016	06:45	4.5	ENE	09/03/2016	13:15	3.1	ENE	09/03/2016	19:45	3.6	ENE
09/03/2016	06:50	4.5	ENE	09/03/2016	13:20	3.1	ENE	09/03/2016	19:50	3.1	E
09/03/2016	06:55	4	ENE	09/03/2016	13:25	2.2	ENE	09/03/2016	19:55	4	ENE
09/03/2016	07:00	4.5	ENE	09/03/2016	13:30	4.5	ENE	09/03/2016	20:00	4	NE
09/03/2016	07:05	5.4	ENE	09/03/2016	13:35	4	ENE	09/03/2016	20:05	1.8	ENE
09/03/2016	07:10	4	ENE	09/03/2016	13:40	4.5	ENE	09/03/2016	20:10	0.9	ESE
09/03/2016	07:15	3.1	ENE	09/03/2016	13:45	5.4	ENE	09/03/2016	20:15	2.2	ENE
09/03/2016	07:20	4	ENE	09/03/2016	13:50	4	ENE	09/03/2016	20:20	3.1	E
09/03/2016	07:25	3.6	E	09/03/2016	13:55	3.1	ENE	09/03/2016	20:25	2.2	NE
09/03/2016	07:30	4.9	E	09/03/2016	14:00	4	ENE	09/03/2016	20:30	3.1	NE
09/03/2016	07:35	4.5	ENE	09/03/2016	14:05	3.6	E	09/03/2016	20:35	3.6	ENE
09/03/2016	07:40	4.5	ENE	09/03/2016	14:10	4.5	ENE	09/03/2016	20:40	3.6	ENE
09/03/2016	07:45	5.4	NE	09/03/2016	14:15	5.4	NE	09/03/2016	20:45	1.8	E
09/03/2016	07:50	5.4	NE	09/03/2016	14:20	5.4	NE	09/03/2016	20:50	1.8	ENE
09/03/2016	07:55	5.8	NE	09/03/2016	14:25	5.8	NE	09/03/2016	20:55	2.7	ENE
09/03/2016	08:00	6.3	NE	09/03/2016	14:30	6.3	NE	09/03/2016	21:00	4	ENE
09/03/2016	08:05	5.8	NE	09/03/2016	14:35	5.8	NE	09/03/2016	21:05	4.5	ENE
09/03/2016	08:10	4.5	ENE	09/03/2016	14:40	1.8	W	09/03/2016	21:10	4.5	ENE
09/03/2016	08:15	3.1	E	09/03/2016	14:45	4	E	09/03/2016	21:15	3.1	ENE
09/03/2016	08:20	3.6	E	09/03/2016	14:50	3.1	NNE	09/03/2016	21:20	2.7	ENE
09/03/2016	08:25	2.7	ENE	09/03/2016	14:55	4.5	WSW	09/03/2016	21:25	4.5	ENE
09/03/2016	08:30	4	ENE	09/03/2016	15:00	2.7	NE	09/03/2016	21:30	4	E
09/03/2016	08:35	4.5	ENE	09/03/2016	15:05	3.6	NNE	09/03/2016	21:35	3.6	ENE
09/03/2016	08:40	4.5	ENE	09/03/2016	15:10	2.7	ENE	09/03/2016	21:40	2.7	ENE
09/03/2016	08:45	3.1	ENE	09/03/2016	15:15	4	ENE	09/03/2016	21:45	3.1	ENE
09/03/2016	08:50	2.7	ENE	09/03/2016	15:20	4.5	ENE	09/03/2016	21:50	4	E
09/03/2016	08:55	4.5	ENE	09/03/2016	15:25	4.5	ENE	09/03/2016	21:55	4	E
09/03/2016	09:00	4	E	09/03/2016	15:30	3.1	ENE	09/03/2016	22:00	3.6	ENE
09/03/2016	09:05	3.6	ENE	09/03/2016	15:35	2.7	ENE	09/03/2016	22:05	3.1	E
09/03/2016	09:10	2.7	ENE	09/03/2016	15:40	4.5	ENE	09/03/2016	22:10	4	ENE
09/03/2016	09:15	3.1	ENE	09/03/2016	15:45	4	E	09/03/2016	22:15	0.4	E
09/03/2016	09:20	4	E	09/03/2016	15:50	3.6	ENE	09/03/2016	22:20	0.9	NNE
09/03/2016	09:25	4	E	09/03/2016	15:55	2.7	ENE	09/03/2016	22:25	0.9	ENE
09/03/2016	09:30	3.6	ENE	09/03/2016	16:00	3.1	ENE	09/03/2016	22:30	0	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
09/03/2016	22:35	1.3	E	10/03/2016	05:05	0.9	NNW	10/03/2016	11:35	4.5	ENE
09/03/2016	22:40	0.4	S	10/03/2016	05:10	0.9	NNW	10/03/2016	11:40	2.7	ENE
09/03/2016	22:45	0.4	S	10/03/2016	05:15	0.9	NNW	10/03/2016	11:45	2.7	NNE
09/03/2016	22:50	0.4	NNE	10/03/2016	05:20	0.9	NNW	10/03/2016	11:50	1.3	N
09/03/2016	22:55	0.4	N	10/03/2016	05:25	0.9	NNW	10/03/2016	11:55	1.3	NNW
09/03/2016	23:00	1.3	N	10/03/2016	05:30	1.3	E	10/03/2016	12:00	3.1	ENE
09/03/2016	23:05	0.9	SW	10/03/2016	05:35	2.7	ENE	10/03/2016	12:05	3.1	ENE
09/03/2016	23:10	0.9	SSE	10/03/2016	05:40	0.9	NNW	10/03/2016	12:10	1.8	NE
09/03/2016	23:15	1.3	ENE	10/03/2016	05:45	0.9	NNW	10/03/2016	12:15	2.2	NE
09/03/2016	23:20	0.4	E	10/03/2016	05:50	0.9	NNW	10/03/2016	12:20	1.8	N
09/03/2016	23:25	0.9	ENE	10/03/2016	05:55	0.9	W	10/03/2016	12:25	1.8	NNE
09/03/2016	23:30	4.9	E	10/03/2016	06:00	0.4	NE	10/03/2016	12:30	2.7	NE
09/03/2016	23:35	3.6	ENE	10/03/2016	06:05	0.4	N	10/03/2016	12:35	2.7	ENE
09/03/2016	23:40	3.6	ENE	10/03/2016	06:10	0.9	NNW	10/03/2016	12:40	2.7	ENE
09/03/2016	23:45	4.9	ENE	10/03/2016	06:15	0.4	NNW	10/03/2016	12:45	0.4	NNW
09/03/2016	23:50	3.6	ENE	10/03/2016	06:20	0.9	WNW	10/03/2016	12:50	0.9	WNW
09/03/2016	23:55	4.5	ENE	10/03/2016	06:25	0.9	NNW	10/03/2016	12:55	0.9	NNW
10/03/2016	00:00	4.5	ENE	10/03/2016	06:30	0.9	NNW	10/03/2016	13:00	0.9	NNW
10/03/2016	00:05	0.9	NNW	10/03/2016	06:35	0.9	WSW	10/03/2016	13:05	0.9	WSW
10/03/2016	00:10	0.9	NNW	10/03/2016	06:40	0.4	NNW	10/03/2016	13:10	1.8	W
10/03/2016	00:15	0.9	NNW	10/03/2016	06:45	0.9	NNW	10/03/2016	13:15	2.2	W
10/03/2016	00:20	0.9	W	10/03/2016	06:50	0.9	NNW	10/03/2016	13:20	0.4	NNW
10/03/2016	00:25	0.9	WNW	10/03/2016	06:55	0.9	NNW	10/03/2016	13:25	0.9	NNW
10/03/2016	00:30	0.9	W	10/03/2016	07:00	0.9	NNW	10/03/2016	13:30	0.9	NNW
10/03/2016	00:35	0.9	W	10/03/2016	07:05	1.8	ENE	10/03/2016	13:35	0.9	NNW
10/03/2016	00:40	0.9	WSW	10/03/2016	07:10	1.8	ENE	10/03/2016	13:40	0.9	NNW
10/03/2016	00:45	0.4	NE	10/03/2016	07:15	2.7	ENE	10/03/2016	13:45	0.9	NNW
10/03/2016	00:50	0.4	N	10/03/2016	07:20	2.7	ENE	10/03/2016	13:50	1.3	E
10/03/2016	00:55	0.9	NNW	10/03/2016	07:25	2.2	ENE	10/03/2016	13:55	2.7	ENE
10/03/2016	01:00	0.4	NNW	10/03/2016	07:30	1.8	NE	10/03/2016	14:00	4.5	ENE
10/03/2016	01:05	0.9	WNW	10/03/2016	07:35	0.9	E	10/03/2016	14:05	4	ENE
10/03/2016	01:10	0.9	NNW	10/03/2016	07:40	0.4	E	10/03/2016	14:10	4.9	ENE
10/03/2016	01:15	0.9	NNW	10/03/2016	07:45	1.8	E	10/03/2016	14:15	5.4	E
10/03/2016	01:20	0.9	WSW	10/03/2016	07:50	2.2	ENE	10/03/2016	14:20	4.5	ENE
10/03/2016	01:25	1.8	W	10/03/2016	07:55	2.7	E	10/03/2016	14:25	4	ENE
10/03/2016	01:30	2.2	W	10/03/2016	08:00	3.1	ENE	10/03/2016	14:30	3.6	ENE
10/03/2016	01:35	0.4	NNW	10/03/2016	08:05	1.8	ENE	10/03/2016	14:35	4	ENE
10/03/2016	01:40	0.9	NNW	10/03/2016	08:10	2.7	ENE	10/03/2016	14:40	4	ENE
10/03/2016	01:45	0.9	NNW	10/03/2016	08:15	0.9	NNW	10/03/2016	14:45	3.6	ENE
10/03/2016	01:50	0.9	NNW	10/03/2016	08:20	0.9	NNW	10/03/2016	14:50	1.8	NNE
10/03/2016	01:55	0.9	NNW	10/03/2016	08:25	0.9	NNW	10/03/2016	14:55	4.9	ENE
10/03/2016	02:00	0.9	NNW	10/03/2016	08:30	0.9	NNW	10/03/2016	15:00	5.4	ENE
10/03/2016	02:05	1.3	E	10/03/2016	08:35	0.9	NNW	10/03/2016	15:05	2.7	ENE
10/03/2016	02:10	1.8	ENE	10/03/2016	08:40	0.9	NNW	10/03/2016	15:10	2.7	NNE
10/03/2016	02:15	1.8	ENE	10/03/2016	08:45	2.2	NE	10/03/2016	15:15	1.3	N
10/03/2016	02:20	2.7	ENE	10/03/2016	08:50	1.3	NE	10/03/2016	15:20	1.3	NNW
10/03/2016	02:25	2.7	ENE	10/03/2016	08:55	1.8	ENE	10/03/2016	15:25	1.8	NE
10/03/2016	02:30	2.2	ENE	10/03/2016	09:00	1.8	ENE	10/03/2016	15:30	2.2	NE
10/03/2016	02:35	2.2	ENE	10/03/2016	09:05	1.8	NE	10/03/2016	15:35	1.8	N
10/03/2016	02:40	2.2	ENE	10/03/2016	09:10	0.4	NNW	10/03/2016	15:40	2.7	ENE
10/03/2016	02:45	1.8	NE	10/03/2016	09:15	0.9	WNW	10/03/2016	15:45	2.7	ENE
10/03/2016	02:50	0.9	E	10/03/2016	09:20	0.9	NNW	10/03/2016	15:50	3.6	ENE
10/03/2016	02:55	0.4	E	10/03/2016	09:25	0.9	NNW	10/03/2016	15:55	3.6	ENE
10/03/2016	03:00	1.8	E	10/03/2016	09:30	0.9	WSW	10/03/2016	16:00	3.1	ENE
10/03/2016	03:05	2.2	ENE	10/03/2016	09:35	1.8	W	10/03/2016	16:05	2.7	ENE
10/03/2016	03:10	2.7	E	10/03/2016	09:40	2.2	W	10/03/2016	16:10	3.6	E
10/03/2016	03:15	3.1	ENE	10/03/2016	09:45	0.4	NNW	10/03/2016	16:15	0.4	NNW
10/03/2016	03:20	2.2	ENE	10/03/2016	09:50	0.9	NNW	10/03/2016	16:20	0.9	WNW
10/03/2016	03:25	2.2	E	10/03/2016	09:55	0.9	NNW	10/03/2016	16:25	0.9	NNW
10/03/2016	03:30	1.8	ENE	10/03/2016	10:00	0.9	NNW	10/03/2016	16:30	0.9	NNW
10/03/2016	03:35	2.7	ENE	10/03/2016	10:05	0.9	NNW	10/03/2016	16:35	0.9	WSW
10/03/2016	03:40	0.9	NNW	10/03/2016	10:10	0.9	NNW	10/03/2016	16:40	1.8	W
10/03/2016	03:45	0.9	NNW	10/03/2016	10:15	1.3	E	10/03/2016	16:45	2.2	W
10/03/2016	03:50	0.9	NNW	10/03/2016	10:20	5.4	E	10/03/2016	16:50	0.4	NNW
10/03/2016	03:55	0.9	NNW	10/03/2016	10:25	4.5	ENE	10/03/2016	16:55	0.9	NNW
10/03/2016	04:00	0.9	NNW	10/03/2016	10:30	5.8	E	10/03/2016	17:00	0.9	NNW
10/03/2016	04:05	0.9	NNW	10/03/2016	10:35	2.7	ENE	10/03/2016	17:05	0.9	NNW
10/03/2016	04:10	0.9	NNW	10/03/2016	10:40	4	ENE	10/03/2016	17:10	0.9	NNW
10/03/2016	04:15	2.7	ENE	10/03/2016	10:45	3.6	ENE	10/03/2016	17:15	0.9	NNW
10/03/2016	04:20	2.2	NE	10/03/2016	10:50	4	ENE	10/03/2016	17:20	1.3	E
10/03/2016	04:25	0.4	NNW	10/03/2016	10:55	4	ENE	10/03/2016	17:25	4	ENE
10/03/2016	04:30	0.9	WNW	10/03/2016	11:00	3.6	ENE	10/03/2016	17:30	2.7	ENE
10/03/2016	04:35	0.9	NNW	10/03/2016	11:05	2.7	NE	10/03/2016	17:35	3.1	ENE
10/03/2016	04:40	0.9	NNW	10/03/2016	11:10	3.6	ENE	10/03/2016	17:40	3.1	NE
10/03/2016	04:45	0.9	WSW	10/03/2016	11:15	1.8	NNE	10/03/2016	17:45	3.6	ENE
10/03/2016	04:50	1.8	W	10/03/2016	11:20	4.9	ENE	10/03/2016	17:50	3.6	ENE
10/03/2016	04:55	2.2	W	10/03/2016	11:25	5.4	ENE	10/03/2016	17:55	3.1	ENE
10/03/2016	05:00	0.4	NNW	10/03/2016	11:30	5.4	E	10/03/2016	18:00	4.9	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
10/03/2016	18:05	4.9	ENE	11/03/2016	00:35	0.4	E	11/03/2016	07:05	0.9	N
10/03/2016	18:10	4.9	E	11/03/2016	00:40	0.4	E	11/03/2016	07:10	1.8	N
10/03/2016	18:15	4.9	E	11/03/2016	00:45	0.9	SSW	11/03/2016	07:15	1.8	N
10/03/2016	18:20	0.9	NNW	11/03/2016	00:50	0.9	SSW	11/03/2016	07:20	2.7	W
10/03/2016	18:25	0.9	NNW	11/03/2016	00:55	0.9	SSW	11/03/2016	07:25	3.1	W
10/03/2016	18:30	2.2	NE	11/03/2016	01:00	0.4	SSW	11/03/2016	07:30	2.7	W
10/03/2016	18:35	1.3	NE	11/03/2016	01:05	0.4	SSW	11/03/2016	07:35	2.2	N
10/03/2016	18:40	1.8	ENE	11/03/2016	01:10	0.4	SSW	11/03/2016	07:40	2.2	NE
10/03/2016	18:45	1.8	NNE	11/03/2016	01:15	0.4	SSW	11/03/2016	07:45	2.2	NE
10/03/2016	18:50	3.6	ENE	11/03/2016	01:20	1.3	SW	11/03/2016	07:50	2.2	NNE
10/03/2016	18:55	1.8	NE	11/03/2016	01:25	1.8	SW	11/03/2016	07:55	2.7	NNE
10/03/2016	19:00	0.9	NNE	11/03/2016	01:30	1.3	SSW	11/03/2016	08:00	2.2	NNE
10/03/2016	19:05	3.6	ENE	11/03/2016	01:35	1.3	SSW	11/03/2016	08:05	1.3	N
10/03/2016	19:10	1.3	E	11/03/2016	01:40	0.4	SSW	11/03/2016	08:10	1.8	NNW
10/03/2016	19:15	2.7	ENE	11/03/2016	01:45	0.4	SSW	11/03/2016	08:15	2.2	N
10/03/2016	19:20	4.5	ENE	11/03/2016	01:50	0.4	SSW	11/03/2016	08:20	1.8	N
10/03/2016	19:25	0.4	NNW	11/03/2016	01:55	0.9	SSW	11/03/2016	08:25	1.3	E
10/03/2016	19:30	0.9	WNW	11/03/2016	02:00	3.1	W	11/03/2016	08:30	0.9	E
10/03/2016	19:35	0.9	NNW	11/03/2016	02:05	3.1	W	11/03/2016	08:35	0.4	E
10/03/2016	19:40	0.9	NNW	11/03/2016	02:10	0.4	SSW	11/03/2016	08:40	0.4	E
10/03/2016	19:45	0.9	WSW	11/03/2016	02:15	0.9	E	11/03/2016	08:45	0.9	SSW
10/03/2016	19:50	1.8	W	11/03/2016	02:20	1.8	NE	11/03/2016	08:50	0.9	SSW
10/03/2016	19:55	2.2	W	11/03/2016	02:25	1.3	ENE	11/03/2016	08:55	0.9	SSW
10/03/2016	20:00	0.4	NNW	11/03/2016	02:30	0.4	ENE	11/03/2016	09:00	0.4	SSW
10/03/2016	20:05	0.9	NNW	11/03/2016	02:35	0.9	E	11/03/2016	09:05	0.4	SSW
10/03/2016	20:10	0.9	NNW	11/03/2016	02:40	0.9	E	11/03/2016	09:10	0.4	SSW
10/03/2016	20:15	0.9	NNW	11/03/2016	02:45	0.9	E	11/03/2016	09:15	0.4	SSW
10/03/2016	20:20	0.9	NNW	11/03/2016	02:50	0.9	SW	11/03/2016	09:20	1.3	SW
10/03/2016	20:25	0.9	NNW	11/03/2016	02:55	3.6	W	11/03/2016	09:25	1.8	SW
10/03/2016	20:30	1.3	E	11/03/2016	03:00	4	W	11/03/2016	09:30	1.3	SSW
10/03/2016	20:35	1.3	N	11/03/2016	03:05	3.6	W	11/03/2016	09:35	1.3	SSW
10/03/2016	20:40	1.3	NNW	11/03/2016	03:10	2.7	WSW	11/03/2016	09:40	0.4	SSW
10/03/2016	20:45	1.8	NE	11/03/2016	03:15	1.3	W	11/03/2016	09:45	1.3	NNW
10/03/2016	20:50	2.2	NE	11/03/2016	03:20	2.2	SE	11/03/2016	09:50	1.8	NW
10/03/2016	20:55	1.8	N	11/03/2016	03:25	0.4	W	11/03/2016	09:55	2.2	W
10/03/2016	21:00	2.7	ENE	11/03/2016	03:30	3.1	WNW	11/03/2016	10:00	1.3	NE
10/03/2016	21:05	2.7	ENE	11/03/2016	03:35	3.6	WNW	11/03/2016	10:05	1.8	NE
10/03/2016	21:10	3.6	ENE	11/03/2016	03:40	3.6	WNW	11/03/2016	10:10	0.9	NNW
10/03/2016	21:15	3.6	ENE	11/03/2016	03:45	2.2	SSW	11/03/2016	10:15	0.9	N
10/03/2016	21:20	3.6	E	11/03/2016	03:50	2.2	SW	11/03/2016	10:20	0.9	NW
10/03/2016	21:25	4	ENE	11/03/2016	03:55	1.3	E	11/03/2016	10:25	0.9	N
10/03/2016	21:30	3.6	E	11/03/2016	04:00	1.3	E	11/03/2016	10:30	1.8	N
10/03/2016	21:35	3.1	NE	11/03/2016	04:05	0.9	E	11/03/2016	10:35	2.7	W
10/03/2016	21:40	2.7	NE	11/03/2016	04:10	1.3	E	11/03/2016	10:40	3.1	W
10/03/2016	21:45	2.2	ENE	11/03/2016	04:15	0.9	E	11/03/2016	10:45	2.7	W
10/03/2016	21:50	4	E	11/03/2016	04:20	0.4	E	11/03/2016	10:50	2.2	N
10/03/2016	21:55	4	E	11/03/2016	04:25	0.4	E	11/03/2016	10:55	2.2	NNE
10/03/2016	22:00	4	ENE	11/03/2016	04:30	0.9	SSW	11/03/2016	11:00	2.7	NNE
10/03/2016	22:05	3.1	ENE	11/03/2016	04:35	0.9	SSW	11/03/2016	11:05	2.2	NNE
10/03/2016	22:10	2.7	ENE	11/03/2016	04:40	0.9	SSW	11/03/2016	11:10	1.3	N
10/03/2016	22:15	3.1	ENE	11/03/2016	04:45	0.4	SSW	11/03/2016	11:15	1.8	NNW
10/03/2016	22:20	3.1	NE	11/03/2016	04:50	0.4	SSW	11/03/2016	11:20	2.2	N
10/03/2016	22:25	3.6	ENE	11/03/2016	04:55	0.4	SSW	11/03/2016	11:25	1.8	N
10/03/2016	22:30	4.9	ENE	11/03/2016	05:00	0.4	SSW	11/03/2016	11:30	1.3	NE
10/03/2016	22:35	4.9	ENE	11/03/2016	05:05	1.3	SW	11/03/2016	11:35	0.9	ENE
10/03/2016	22:40	4.9	E	11/03/2016	05:10	1.8	SW	11/03/2016	11:40	2.2	NNE
10/03/2016	22:45	0.4	NNW	11/03/2016	05:15	1.3	SSW	11/03/2016	11:45	1.3	ENE
10/03/2016	22:50	0.9	WNW	11/03/2016	05:20	1.3	SSW	11/03/2016	11:50	1.3	N
10/03/2016	22:55	0.9	NNW	11/03/2016	05:25	0.4	SSW	11/03/2016	11:55	1.3	NNW
10/03/2016	23:00	0.9	NNW	11/03/2016	05:30	0.9	E	11/03/2016	12:00	1.8	NNE
10/03/2016	23:05	0.9	WSW	11/03/2016	05:35	0.9	E	11/03/2016	12:05	1.3	WNW
10/03/2016	23:10	1.8	W	11/03/2016	05:40	0.9	SW	11/03/2016	12:10	1.8	N
10/03/2016	23:15	2.2	W	11/03/2016	05:45	3.6	W	11/03/2016	12:15	1.3	E
10/03/2016	23:20	0.4	NNW	11/03/2016	05:50	4	W	11/03/2016	12:20	0.9	E
10/03/2016	23:25	0.9	NNW	11/03/2016	05:55	1.3	W	11/03/2016	12:25	0.4	E
10/03/2016	23:30	0.9	NNW	11/03/2016	06:00	2.2	SE	11/03/2016	12:30	0.4	E
10/03/2016	23:35	0.9	NNW	11/03/2016	06:05	0.4	W	11/03/2016	12:35	0.9	SSW
10/03/2016	23:40	0.9	NNW	11/03/2016	06:10	3.1	WNW	11/03/2016	12:40	0.9	SSW
10/03/2016	23:45	0.9	NNW	11/03/2016	06:15	3.6	WNW	11/03/2016	12:45	0.9	SSW
10/03/2016	23:50	1.3	E	11/03/2016	06:20	3.6	WNW	11/03/2016	12:50	0.4	SSW
10/03/2016	23:55	4.5	NE	11/03/2016	06:25	2.2	SSW	11/03/2016	12:55	0.4	SSW
11/03/2016	00:00	4.5	E	11/03/2016	06:30	1.8	N	11/03/2016	13:00	0.4	SSW
11/03/2016	00:05	3.1	E	11/03/2016	06:35	1.3	NE	11/03/2016	13:05	0.4	SSW
11/03/2016	00:10	2.2	E	11/03/2016	06:40	1.8	NE	11/03/2016	13:10	1.3	SW
11/03/2016	00:15	1.8	E	11/03/2016	06:45	0.9	NNW	11/03/2016	13:15	1.8	SW
11/03/2016	00:20	1.3	E	11/03/2016	06:50	0.9	N	11/03/2016	13:20	1.3	SSW
11/03/2016	00:25	1.3	E	11/03/2016	06:55	0.9	NW	11/03/2016	13:25	1.3	SSW
11/03/2016	00:30	0.9	E	11/03/2016	07:00	0.9	N	11/03/2016	13:30	0.4	SSW

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
11/03/2016	13:35	2.7	WNW	11/03/2016	20:05	0.9	SSW	12/03/2016	02:35	2.7	ENE
11/03/2016	13:40	1.8	WNW	11/03/2016	20:10	0.9	SSW	12/03/2016	02:40	3.1	E
11/03/2016	13:45	2.2	W	11/03/2016	20:15	0.9	SSW	12/03/2016	02:45	3.1	ENE
11/03/2016	13:50	2.7	W	11/03/2016	20:20	0.4	SSW	12/03/2016	02:50	2.7	ENE
11/03/2016	13:55	2.7	WNW	11/03/2016	20:25	0.4	SSW	12/03/2016	02:55	1.8	NE
11/03/2016	14:00	3.1	W	11/03/2016	20:30	0.4	SSW	12/03/2016	03:00	2.2	NE
11/03/2016	14:05	2.7	W	11/03/2016	20:35	0.4	SSW	12/03/2016	03:05	3.6	E
11/03/2016	14:10	3.1	W	11/03/2016	20:40	1.3	SW	12/03/2016	03:10	2.7	E
11/03/2016	14:15	3.1	W	11/03/2016	20:45	1.8	SW	12/03/2016	03:15	3.1	ENE
11/03/2016	14:20	2.7	W	11/03/2016	20:50	1.3	SSW	12/03/2016	03:20	0.9	ESE
11/03/2016	14:25	3.1	W	11/03/2016	20:55	1.3	SSW	12/03/2016	03:25	1.8	E
11/03/2016	14:30	3.1	W	11/03/2016	21:00	0.4	SSW	12/03/2016	03:30	2.7	ENE
11/03/2016	14:35	3.1	W	11/03/2016	21:05	0.4	NNE	12/03/2016	03:35	2.2	ENE
11/03/2016	14:40	2.7	W	11/03/2016	21:10	1.3	NE	12/03/2016	03:40	1.8	ENE
11/03/2016	14:45	3.1	WSW	11/03/2016	21:15	0.9	NE	12/03/2016	03:45	2.2	ENE
11/03/2016	14:50	2.7	W	11/03/2016	21:20	0.9	NE	12/03/2016	03:50	1.8	ENE
11/03/2016	14:55	3.1	W	11/03/2016	21:25	0.4	NE	12/03/2016	03:55	1.8	ENE
11/03/2016	15:00	2.2	WSW	11/03/2016	21:30	1.3	N	12/03/2016	04:00	1.8	ENE
11/03/2016	15:05	2.2	W	11/03/2016	21:35	0.9	NE	12/03/2016	04:05	1.3	NE
11/03/2016	15:10	1.8	WNW	11/03/2016	21:40	0.9	WSW	12/03/2016	04:10	1.3	ENE
11/03/2016	15:15	2.7	WSW	11/03/2016	21:45	0.9	SSW	12/03/2016	04:15	0.9	E
11/03/2016	15:20	2.2	W	11/03/2016	21:50	0.4	S	12/03/2016	04:20	1.8	NE
11/03/2016	15:25	3.1	WNW	11/03/2016	21:55	0.4	S	12/03/2016	04:25	2.2	NE
11/03/2016	15:30	2.7	WNW	11/03/2016	22:00	0.9	SSW	12/03/2016	04:30	1.8	E
11/03/2016	15:35	2.2	W	11/03/2016	22:05	0.9	SSW	12/03/2016	04:35	1.3	E
11/03/2016	15:40	1.8	W	11/03/2016	22:10	1.3	NE	12/03/2016	04:40	1.8	E
11/03/2016	15:45	2.2	W	11/03/2016	22:15	0.9	NE	12/03/2016	04:45	1.8	E
11/03/2016	15:50	2.2	WNW	11/03/2016	22:20	0.9	NE	12/03/2016	04:50	2.2	ENE
11/03/2016	15:55	1.8	W	11/03/2016	22:25	0.4	NE	12/03/2016	04:55	1.8	ENE
11/03/2016	16:00	1.3	E	11/03/2016	22:30	1.3	N	12/03/2016	05:00	1.3	E
11/03/2016	16:05	0.9	E	11/03/2016	22:35	1.3	E	12/03/2016	05:05	0.4	E
11/03/2016	16:10	0.4	E	11/03/2016	22:40	0.9	ENE	12/03/2016	05:10	1.3	NE
11/03/2016	16:15	0.4	E	11/03/2016	22:45	1.3	E	12/03/2016	05:15	1.3	ENE
11/03/2016	16:20	0.9	SSW	11/03/2016	22:50	0.9	E	12/03/2016	05:20	1.8	E
11/03/2016	16:25	0.9	SSW	11/03/2016	22:55	0.4	E	12/03/2016	05:25	1.3	ENE
11/03/2016	16:30	0.9	SSW	11/03/2016	23:00	0.4	E	12/03/2016	05:30	1.3	E
11/03/2016	16:35	0.4	SSW	11/03/2016	23:05	0.9	SSW	12/03/2016	05:35	1.3	ENE
11/03/2016	16:40	0.4	SSW	11/03/2016	23:10	0.9	SSW	12/03/2016	05:40	0.4	ENE
11/03/2016	16:45	0.4	SSW	11/03/2016	23:15	0.9	SSW	12/03/2016	05:45	1.8	E
11/03/2016	16:50	0.4	SSW	11/03/2016	23:20	0.4	SSW	12/03/2016	05:50	1.8	E
11/03/2016	16:55	1.3	SW	11/03/2016	23:25	0.4	SSW	12/03/2016	05:55	2.2	E
11/03/2016	17:00	1.8	SW	11/03/2016	23:30	0.4	SSW	12/03/2016	06:00	2.2	ENE
11/03/2016	17:05	1.3	SSW	11/03/2016	23:35	0.4	SSW	12/03/2016	06:05	2.2	E
11/03/2016	17:10	1.3	SSW	11/03/2016	23:40	1.3	SW	12/03/2016	06:10	3.1	E
11/03/2016	17:15	0.4	SSW	11/03/2016	23:45	1.8	SW	12/03/2016	06:15	2.7	E
11/03/2016	17:20	1.8	W	11/03/2016	23:50	1.3	SSW	12/03/2016	06:20	2.2	E
11/03/2016	17:25	2.2	W	11/03/2016	23:55	1.3	SSW	12/03/2016	06:25	1.8	E
11/03/2016	17:30	2.2	W	12/03/2016	00:00	0.4	SSW	12/03/2016	06:30	2.2	E
11/03/2016	17:35	2.2	W	12/03/2016	00:05	1.8	E	12/03/2016	06:35	2.7	E
11/03/2016	17:40	2.2	WNW	12/03/2016	00:10	1.3	E	12/03/2016	06:40	1.8	NE
11/03/2016	17:45	2.7	WNW	12/03/2016	00:15	1.8	E	12/03/2016	06:45	2.2	E
11/03/2016	17:50	1.8	WNW	12/03/2016	00:20	1.8	E	12/03/2016	06:50	2.2	E
11/03/2016	17:55	2.7	W	12/03/2016	00:25	2.2	ENE	12/03/2016	06:55	2.7	E
11/03/2016	18:00	3.1	W	12/03/2016	00:30	1.8	ENE	12/03/2016	07:00	2.2	E
11/03/2016	18:05	3.1	W	12/03/2016	00:35	1.3	E	12/03/2016	07:05	2.2	ENE
11/03/2016	18:10	2.7	W	12/03/2016	00:40	0.4	E	12/03/2016	07:10	2.7	ENE
11/03/2016	18:15	3.1	W	12/03/2016	00:45	1.3	NE	12/03/2016	07:15	1.3	NNE
11/03/2016	18:20	3.1	W	12/03/2016	00:50	1.3	ENE	12/03/2016	07:20	2.2	E
11/03/2016	18:25	3.1	W	12/03/2016	00:55	1.8	E	12/03/2016	07:25	2.2	E
11/03/2016	18:30	2.7	W	12/03/2016	01:00	1.3	ENE	12/03/2016	07:30	2.2	ENE
11/03/2016	18:35	2.2	WSW	12/03/2016	01:05	1.3	E	12/03/2016	07:35	2.2	E
11/03/2016	18:40	2.2	W	12/03/2016	01:10	1.3	ENE	12/03/2016	07:40	3.1	E
11/03/2016	18:45	1.8	WNW	12/03/2016	01:15	0.4	ENE	12/03/2016	07:45	3.1	ENE
11/03/2016	18:50	2.7	WSW	12/03/2016	01:20	1.8	E	12/03/2016	07:50	1.8	E
11/03/2016	18:55	2.2	W	12/03/2016	01:25	1.8	ENE	12/03/2016	07:55	1.3	E
11/03/2016	19:00	3.1	WNW	12/03/2016	01:30	1.8	ENE	12/03/2016	08:00	1.8	NE
11/03/2016	19:05	2.7	WNW	12/03/2016	01:35	1.8	E	12/03/2016	08:05	2.7	E
11/03/2016	19:10	2.2	W	12/03/2016	01:40	2.7	ENE	12/03/2016	08:10	1.8	E
11/03/2016	19:15	1.8	W	12/03/2016	01:45	3.1	E	12/03/2016	08:15	2.7	ESE
11/03/2016	19:20	2.2	WNW	12/03/2016	01:50	2.2	ENE	12/03/2016	08:20	2.7	E
11/03/2016	19:25	2.2	WNW	12/03/2016	01:55	3.1	E	12/03/2016	08:25	1.8	E
11/03/2016	19:30	2.2	WNW	12/03/2016	02:00	3.1	E	12/03/2016	08:30	4.5	E
11/03/2016	19:35	2.7	WNW	12/03/2016	02:05	3.6	E	12/03/2016	08:35	4.5	E
11/03/2016	19:40	2.2	WNW	12/03/2016	02:10	1.8	ENE	12/03/2016	08:40	3.6	E
11/03/2016	19:45	1.3	E	12/03/2016	02:15	1.8	ENE	12/03/2016	08:45	2.7	E
11/03/2016	19:50	0.9	E	12/03/2016	02:20	2.7	E	12/03/2016	08:50	3.1	E
11/03/2016	19:55	0.4	E	12/03/2016	02:25	2.7	E	12/03/2016	08:55	3.1	E
11/03/2016	20:00	0.4	E	12/03/2016	02:30	2.7	ENE	12/03/2016	09:00	3.6	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
12/03/2016	09:05	2.7	ENE
12/03/2016	09:10	3.1	E
12/03/2016	09:15	3.6	E
12/03/2016	09:20	2.2	E
12/03/2016	09:25	2.7	E
12/03/2016	09:30	2.7	E
12/03/2016	09:35	2.7	E
12/03/2016	09:40	2.7	ENE
12/03/2016	09:45	4	E
12/03/2016	09:50	3.1	E
12/03/2016	09:55	3.1	E
12/03/2016	10:00	4.5	E
12/03/2016	10:05	1.8	E
12/03/2016	10:10	1.3	E
12/03/2016	10:15	1.8	E
12/03/2016	10:20	1.8	E
12/03/2016	10:25	2.2	ENE
12/03/2016	10:30	1.8	ENE
12/03/2016	10:35	1.3	E
12/03/2016	10:40	0.4	E
12/03/2016	10:45	1.3	NE
12/03/2016	10:50	1.3	ENE
12/03/2016	10:55	1.8	E
12/03/2016	11:00	1.3	ENE
12/03/2016	11:05	1.3	E
12/03/2016	11:10	1.3	ENE
12/03/2016	11:15	0.4	ENE
12/03/2016	11:20	1.8	E
12/03/2016	11:25	3.6	NE
12/03/2016	11:30	3.1	ENE
12/03/2016	11:35	4	ENE
12/03/2016	11:40	3.6	ENE
12/03/2016	11:45	3.6	NE
12/03/2016	11:50	5.4	NE
12/03/2016	11:55	5.4	ENE
12/03/2016	12:00	4.9	E
12/03/2016	12:05	6.3	E
12/03/2016	12:10	5.8	ENE
12/03/2016	12:15	5.8	ENE
12/03/2016	12:20	5.4	ENE
12/03/2016	12:25	5.4	E
12/03/2016	12:30	5.8	ENE
12/03/2016	12:35	5.4	ENE
12/03/2016	12:40	6.3	E
12/03/2016	12:45	5.4	ENE
12/03/2016	12:50	5.4	ENE
12/03/2016	12:55	3.6	E
12/03/2016	13:00	5.4	E
12/03/2016	13:05	5.4	E
12/03/2016	13:10	4.5	E
12/03/2016	13:15	4	E
12/03/2016	13:20	4.9	E
12/03/2016	13:25	5.8	E
12/03/2016	13:30	5.8	ENE
12/03/2016	13:35	5.4	E
12/03/2016	13:40	6.3	NE
12/03/2016	13:45	7.2	NE
12/03/2016	13:50	7.2	NE
12/03/2016	13:55	5.8	ENE
12/03/2016	14:00	6.3	E
12/03/2016	14:05	5.8	E
12/03/2016	14:10	6.7	E
12/03/2016	14:15	4.9	ENE
12/03/2016	14:20	5.4	NE
12/03/2016	14:25	4.9	ENE
12/03/2016	14:30	5.8	E
12/03/2016	14:35	5.8	E
12/03/2016	14:40	5.4	ENE
12/03/2016	14:45	5.4	E
12/03/2016	14:50	5.4	ENE
12/03/2016	14:55	5.4	ENE
12/03/2016	15:00	6.3	ENE
12/03/2016	15:05	5.8	ENE
12/03/2016	15:10	5.8	ENE
12/03/2016	15:15	6.7	E
12/03/2016	15:20	6.7	ENE
12/03/2016	15:25	3.6	ENE
12/03/2016	15:30	4.5	E
12/03/2016	15:35	1.8	E
12/03/2016	15:40	1.3	E
12/03/2016	15:45	1.8	E
12/03/2016	15:50	1.8	E
12/03/2016	15:55	2.2	ENE
12/03/2016	16:00	1.8	ENE
12/03/2016	16:05	1.3	E
12/03/2016	16:10	0.4	E
12/03/2016	16:15	1.3	NE
12/03/2016	16:20	1.3	ENE
12/03/2016	16:25	1.8	E
12/03/2016	16:30	1.3	ENE
12/03/2016	16:35	1.3	E
12/03/2016	16:40	1.3	ENE
12/03/2016	16:45	0.4	ENE
12/03/2016	16:50	1.8	E
12/03/2016	16:55	4.9	E
12/03/2016	17:00	4.5	E
12/03/2016	17:05	6.7	E
12/03/2016	17:10	5.4	E
12/03/2016	17:15	4.5	E
12/03/2016	17:20	4.5	ENE
12/03/2016	17:25	4	ENE
12/03/2016	17:30	4.5	ENE
12/03/2016	17:35	4	ENE
12/03/2016	17:40	4	ENE
12/03/2016	17:45	4.5	ENE
12/03/2016	17:50	4	ENE
12/03/2016	17:55	4.9	ENE
12/03/2016	18:00	4.9	E
12/03/2016	18:05	4	E
12/03/2016	18:10	4	E
12/03/2016	18:15	4.9	E
12/03/2016	18:20	4.9	E
12/03/2016	18:25	5.8	E
12/03/2016	18:30	5.4	E
12/03/2016	18:35	4.5	E
12/03/2016	18:40	5.8	E
12/03/2016	18:45	4.9	ENE
12/03/2016	18:50	4.9	ENE
12/03/2016	18:55	4	ENE
12/03/2016	19:00	6.7	E
12/03/2016	19:05	6.7	ENE
12/03/2016	19:10	3.6	ENE
12/03/2016	19:15	4.5	E
12/03/2016	19:20	4	E
12/03/2016	19:25	4	E
12/03/2016	19:30	5.8	ENE
12/03/2016	19:35	7.2	NE
12/03/2016	19:40	6.3	ENE
12/03/2016	19:45	5.4	ENE
12/03/2016	19:50	4.9	NE
12/03/2016	19:55	5.4	ENE
12/03/2016	20:00	4.9	ENE
12/03/2016	20:05	4.9	ENE
12/03/2016	20:10	4.5	E
12/03/2016	20:15	4.9	E
12/03/2016	20:20	4	ENE
12/03/2016	20:25	4.5	ENE
12/03/2016	20:30	4	ENE
12/03/2016	20:35	1.8	E
12/03/2016	20:40	1.3	E
12/03/2016	20:45	1.8	E
12/03/2016	20:50	1.8	E
12/03/2016	20:55	2.2	ENE
12/03/2016	21:00	1.8	ENE
12/03/2016	21:05	1.3	E
12/03/2016	21:10	0.4	E
12/03/2016	21:15	1.3	NE
12/03/2016	21:20	1.3	ENE
12/03/2016	21:25	1.8	E
12/03/2016	21:30	1.3	ENE
12/03/2016	21:35	1.3	E
12/03/2016	21:40	1.3	ENE
12/03/2016	21:45	0.4	ENE
12/03/2016	21:50	1.8	E
12/03/2016	21:55	5.8	ENE
12/03/2016	22:00	7.2	ENE
12/03/2016	22:05	6.7	ENE
12/03/2016	22:10	3.6	NE
12/03/2016	22:15	2.7	E
12/03/2016	22:20	3.6	ENE
12/03/2016	22:25	1.8	ENE
12/03/2016	22:30	2.7	ENE
12/03/2016	22:35	3.6	ENE
12/03/2016	22:40	3.1	ENE
12/03/2016	22:45	4	E
12/03/2016	22:50	4.5	ENE
12/03/2016	22:55	6.3	E
12/03/2016	23:00	6.7	E
12/03/2016	23:05	6.3	E
12/03/2016	23:10	5.8	ENE
12/03/2016	23:15	7.2	ENE
12/03/2016	23:20	2.7	E
12/03/2016	23:25	3.6	ENE
12/03/2016	23:30	1.8	ENE
12/03/2016	23:35	2.7	ENE
12/03/2016	23:40	3.6	ENE
12/03/2016	23:45	3.6	ENE
12/03/2016	23:50	2.7	NE
12/03/2016	23:55	3.1	ENE
13/03/2016	00:00	3.6	ENE
13/03/2016	00:05	1.8	E
13/03/2016	00:10	1.3	NE
13/03/2016	00:15	1.3	E
13/03/2016	00:20	1.3	NE
13/03/2016	00:25	1.3	ENE
13/03/2016	00:30	2.2	ENE
13/03/2016	00:35	2.7	E
13/03/2016	00:40	4	E
13/03/2016	00:45	2.2	E
13/03/2016	00:50	3.1	E
13/03/2016	00:55	2.2	ENE
13/03/2016	01:00	2.7	NE
13/03/2016	01:05	2.7	ENE
13/03/2016	01:10	3.6	ENE
13/03/2016	01:15	4	ENE
13/03/2016	01:20	2.7	E
13/03/2016	01:25	1.3	NE
13/03/2016	01:30	3.1	NE
13/03/2016	01:35	4	NE
13/03/2016	01:40	3.6	NE
13/03/2016	01:45	3.6	NE
13/03/2016	01:50	4	NE
13/03/2016	01:55	4	NE
13/03/2016	02:00	4	NE
13/03/2016	02:05	4	E
13/03/2016	02:10	3.1	ENE
13/03/2016	02:15	3.6	ENE
13/03/2016	02:20	2.7	ENE
13/03/2016	02:25	2.7	ENE
13/03/2016	02:30	3.1	E
13/03/2016	02:35	3.6	ENE
13/03/2016	02:40	4.9	ENE
13/03/2016	02:45	4.5	ENE
13/03/2016	02:50	4	ENE
13/03/2016	02:55	1.8	E
13/03/2016	03:00	1.3	NE
13/03/2016	03:05	1.3	E
13/03/2016	03:10	1.3	ENE
13/03/2016	03:15	2.2	ENE
13/03/2016	03:20	2.7	E
13/03/2016	03:25	4	E
13/03/2016	03:30	2.2	E
13/03/2016	03:35	2.7	NE
13/03/2016	03:40	2.7	ENE
13/03/2016	03:45	3.6	ENE
13/03/2016	03:50	4	ENE
13/03/2016	03:55	4	NE
13/03/2016	04:00	3.6	NE
13/03/2016	04:05	3.6	NE
13/03/2016	04:10	1.8	E
13/03/2016	04:15	1.3	NE
13/03/2016	04:20	1.3	E
13/03/2016	04:25	1.3	NE
13/03/2016	04:30	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
13/03/2016	04:35	2.2	ENE
13/03/2016	04:40	2.7	E
13/03/2016	04:45	4	E
13/03/2016	04:50	2.2	E
13/03/2016	04:55	3.1	E
13/03/2016	05:00	2.2	ENE
13/03/2016	05:05	2.7	NE
13/03/2016	05:10	2.7	ENE
13/03/2016	05:15	3.6	ENE
13/03/2016	05:20	4	ENE
13/03/2016	05:25	2.7	E
13/03/2016	05:30	2.7	NE
13/03/2016	05:35	2.2	N
13/03/2016	05:40	2.2	ENE
13/03/2016	05:45	4	ENE
13/03/2016	05:50	2.7	ENE
13/03/2016	05:55	3.6	ENE
13/03/2016	06:00	4	ENE
13/03/2016	06:05	4.9	ENE
13/03/2016	06:10	5.8	E
13/03/2016	06:15	5.4	ENE
13/03/2016	06:20	6.3	E
13/03/2016	06:25	4.9	ENE
13/03/2016	06:30	5.4	E
13/03/2016	06:35	5.8	ENE
13/03/2016	06:40	5.4	ENE
13/03/2016	06:45	4.9	ENE
13/03/2016	06:50	4.5	ENE
13/03/2016	06:55	4	ENE
13/03/2016	07:00	4	E
13/03/2016	07:05	3.6	ENE
13/03/2016	07:10	4	ENE
13/03/2016	07:15	4	NE
13/03/2016	07:20	4	ENE
13/03/2016	07:25	4	E
13/03/2016	07:30	2.7	E
13/03/2016	07:35	2.2	E
13/03/2016	07:40	1.8	E
13/03/2016	07:45	1.3	NE
13/03/2016	07:50	1.3	E
13/03/2016	07:55	1.3	NE
13/03/2016	08:00	1.3	ENE
13/03/2016	08:05	2.2	ENE
13/03/2016	08:10	2.7	E
13/03/2016	08:15	4	E
13/03/2016	08:20	2.2	E
13/03/2016	08:25	3.1	E
13/03/2016	08:30	2.2	ENE
13/03/2016	08:35	2.7	NE
13/03/2016	08:40	2.7	ENE
13/03/2016	08:45	3.6	ENE
13/03/2016	08:50	4	ENE
13/03/2016	08:55	2.7	E
13/03/2016	09:00	3.6	ENE
13/03/2016	09:05	4	ENE
13/03/2016	09:10	2.2	NE
13/03/2016	09:15	2.7	NE
13/03/2016	09:20	3.1	NE
13/03/2016	09:25	2.7	NE
13/03/2016	09:30	2.7	ENE
13/03/2016	09:35	3.6	ENE
13/03/2016	09:40	4	ENE
13/03/2016	09:45	4.9	ENE
13/03/2016	09:50	6.3	E
13/03/2016	09:55	4.9	ENE
13/03/2016	10:00	5.4	E
13/03/2016	10:05	5.8	ENE
13/03/2016	10:10	5.4	ENE
13/03/2016	10:15	4	E
13/03/2016	10:20	3.6	ENE
13/03/2016	10:25	4	ENE
13/03/2016	10:30	4	NE
13/03/2016	10:35	4	ENE
13/03/2016	10:40	2.2	E
13/03/2016	10:45	1.8	E
13/03/2016	10:50	3.1	ENE
13/03/2016	10:55	4	NE
13/03/2016	11:00	3.6	ENE
13/03/2016	11:05	4.9	NE
13/03/2016	11:10	1.8	E
13/03/2016	11:15	1.3	NE
13/03/2016	11:20	1.3	E
13/03/2016	11:25	1.3	NE
13/03/2016	11:30	1.3	ENE
13/03/2016	11:35	2.2	ENE
13/03/2016	11:40	2.7	E
13/03/2016	11:45	4	E
13/03/2016	11:50	2.2	E
13/03/2016	11:55	3.1	E
13/03/2016	12:00	2.2	ENE
13/03/2016	12:05	2.7	NE
13/03/2016	12:10	2.7	ENE
13/03/2016	12:15	3.6	ENE
13/03/2016	12:20	4	ENE
13/03/2016	12:25	2.7	E
13/03/2016	12:30	4	NE
13/03/2016	12:35	4.5	ENE
13/03/2016	12:40	4.5	NE
13/03/2016	12:45	4.5	NE
13/03/2016	12:50	4	NE
13/03/2016	12:55	4.5	ENE
13/03/2016	13:00	4.5	NE
13/03/2016	13:05	4.5	NE
13/03/2016	13:10	4	ENE
13/03/2016	13:15	4	NE
13/03/2016	13:20	4.9	NE
13/03/2016	13:25	4	ENE
13/03/2016	13:30	4	ENE
13/03/2016	13:35	4	ENE
13/03/2016	13:40	4.9	ENE
13/03/2016	13:45	4.9	ENE
13/03/2016	13:50	4.5	ENE
13/03/2016	13:55	4.5	ENE
13/03/2016	14:00	4.9	ENE
13/03/2016	14:05	4	ENE
13/03/2016	14:10	4	ENE
13/03/2016	14:15	4.5	NE
13/03/2016	14:20	4.5	ENE
13/03/2016	14:25	4	NE
13/03/2016	14:30	3.1	NE
13/03/2016	14:35	4	ENE
13/03/2016	14:40	3.6	NE
13/03/2016	14:45	3.1	NE
13/03/2016	14:50	4	NE
13/03/2016	14:55	1.8	E
13/03/2016	15:00	1.3	NE
13/03/2016	15:05	1.3	E
13/03/2016	15:10	1.3	NE
13/03/2016	15:15	1.3	ENE
13/03/2016	15:20	2.2	ENE
13/03/2016	15:25	2.7	E
13/03/2016	15:30	4	E
13/03/2016	15:35	2.2	E
13/03/2016	15:40	3.1	E
13/03/2016	15:45	2.2	ENE
13/03/2016	15:50	2.7	NE
13/03/2016	15:55	2.7	ENE
13/03/2016	16:00	3.6	ENE
13/03/2016	16:05	4	ENE
13/03/2016	16:10	2.7	E
13/03/2016	16:15	4	ENE
13/03/2016	16:20	4	NE
13/03/2016	16:25	4	ENE
13/03/2016	16:30	2.2	E
13/03/2016	16:35	1.8	E
13/03/2016	16:40	3.1	ENE
13/03/2016	16:45	4	NE
13/03/2016	16:50	3.6	ENE
13/03/2016	16:55	4.9	NE
13/03/2016	17:00	5.4	NE
13/03/2016	17:05	4	ENE
13/03/2016	17:10	4.5	ENE
13/03/2016	17:15	4	ENE
13/03/2016	17:20	4	ENE
13/03/2016	17:25	4.5	NE
13/03/2016	17:30	3.6	ENE
13/03/2016	17:35	3.6	ENE
13/03/2016	17:40	4	ENE
13/03/2016	17:45	3.6	NE
13/03/2016	17:50	2.7	NE
13/03/2016	17:55	4	NE
13/03/2016	18:00	4.5	NE
13/03/2016	18:05	4	NE
13/03/2016	18:10	1.8	E
13/03/2016	18:15	1.3	NE
13/03/2016	18:20	1.3	E
13/03/2016	18:25	1.3	NE
13/03/2016	18:30	1.3	ENE
13/03/2016	18:35	2.2	ENE
13/03/2016	18:40	2.7	E
13/03/2016	18:45	4	E
13/03/2016	18:50	2.2	E
13/03/2016	18:55	3.1	E
13/03/2016	19:00	2.2	ENE
13/03/2016	19:05	2.7	NE
13/03/2016	19:10	2.7	ENE
13/03/2016	19:15	3.6	ENE
13/03/2016	19:20	4	ENE
13/03/2016	19:25	2.7	E
13/03/2016	19:30	4.5	NE
13/03/2016	19:35	4.5	ENE
13/03/2016	19:40	4	ENE
13/03/2016	19:45	3.6	NE
13/03/2016	19:50	3.1	NE
13/03/2016	19:55	4	NE
13/03/2016	20:00	4.5	ENE
13/03/2016	20:05	4.5	ENE
13/03/2016	20:10	4	ENE
13/03/2016	20:15	4	ENE
13/03/2016	20:20	3.6	ENE
13/03/2016	20:25	3.6	ENE
13/03/2016	20:30	3.1	ENE
13/03/2016	20:35	4	ENE
13/03/2016	20:40	3.6	ENE
13/03/2016	20:45	4.9	ENE
13/03/2016	20:50	3.1	ENE
13/03/2016	20:55	4	ENE
13/03/2016	21:00	3.1	E
13/03/2016	21:05	4	ENE
13/03/2016	21:10	4	ENE
13/03/2016	21:15	2.7	E
13/03/2016	21:20	2.2	E
13/03/2016	21:25	2.2	E
13/03/2016	21:30	1.3	ENE
13/03/2016	21:35	0.4	E
13/03/2016	21:40	1.3	ENE
13/03/2016	21:45	1.8	ENE
13/03/2016	21:50	2.2	E
13/03/2016	21:55	1.8	E
13/03/2016	22:00	1.3	NE
13/03/2016	22:05	1.3	E
13/03/2016	22:10	1.3	NE
13/03/2016	22:15	1.3	ENE
13/03/2016	22:20	2.2	ENE
13/03/2016	22:25	2.7	E
13/03/2016	22:30	4	E
13/03/2016	22:35	2.2	E
13/03/2016	22:40	3.1	E
13/03/2016	22:45	2.2	ENE
13/03/2016	22:50	2.7	NE
13/03/2016	22:55	2.7	ENE
13/03/2016	23:00	3.6	ENE
13/03/2016	23:05	4	ENE
13/03/2016	23:10	2.7	E
13/03/2016	23:15	1.3	ENE
13/03/2016	23:20	0.4	E
13/03/2016	23:25	1.3	ENE
13/03/2016	23:30	1.8	ENE
13/03/2016	23:35	2.2	E
13/03/2016	23:40	0.9	ESE
13/03/2016	23:45	1.3	W
13/03/2016	23:50	1.8	W
13/03/2016	23:55	1.3	W
14/03/2016	00:00	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
14/03/2016	00:05	1.8	WNW	14/03/2016	06:35	1.8	WNW	14/03/2016	13:05	1.3	NW
14/03/2016	00:10	1.3	W	14/03/2016	06:40	2.2	N	14/03/2016	13:10	1.8	W
14/03/2016	00:15	0.9	NW	14/03/2016	06:45	1.3	WNW	14/03/2016	13:15	1.8	WNW
14/03/2016	00:20	1.3	W	14/03/2016	06:50	2.2	NW	14/03/2016	13:20	1.8	W
14/03/2016	00:25	1.3	NW	14/03/2016	06:55	1.8	E	14/03/2016	13:25	1.8	NW
14/03/2016	00:30	1.8	W	14/03/2016	07:00	2.2	WNW	14/03/2016	13:30	1.8	NW
14/03/2016	00:35	1.8	WNW	14/03/2016	07:05	1.8	NNW	14/03/2016	13:35	1.8	WNW
14/03/2016	00:40	1.8	W	14/03/2016	07:10	1.8	S	14/03/2016	13:40	3.1	NW
14/03/2016	00:45	1.8	NW	14/03/2016	07:15	2.2	WSW	14/03/2016	13:45	2.7	NW
14/03/2016	00:50	1.8	NW	14/03/2016	07:20	3.6	NW	14/03/2016	13:50	1.8	W
14/03/2016	00:55	1.8	WNW	14/03/2016	07:25	1.8	SSW	14/03/2016	13:55	2.7	W
14/03/2016	01:00	3.1	NW	14/03/2016	07:30	2.7	ENE	14/03/2016	14:00	2.7	NW
14/03/2016	01:05	2.7	NW	14/03/2016	07:35	4.9	ENE	14/03/2016	14:05	2.7	NW
14/03/2016	01:10	1.8	W	14/03/2016	07:40	2.2	NW	14/03/2016	14:10	5.4	ENE
14/03/2016	01:15	2.7	W	14/03/2016	07:45	1.3	ENE	14/03/2016	14:15	5.4	E
14/03/2016	01:20	2.7	NW	14/03/2016	07:50	2.2	W	14/03/2016	14:20	5.8	ENE
14/03/2016	01:25	2.7	NW	14/03/2016	07:55	3.1	WSW	14/03/2016	14:25	5.8	ENE
14/03/2016	01:30	1.8	NW	14/03/2016	08:00	3.1	WSW	14/03/2016	14:30	4.9	E
14/03/2016	01:35	2.2	WNW	14/03/2016	08:05	1.8	NNE	14/03/2016	14:35	4.9	ENE
14/03/2016	01:40	2.2	NW	14/03/2016	08:10	2.7	ENE	14/03/2016	14:40	4	ENE
14/03/2016	01:45	2.2	NW	14/03/2016	08:15	4	NE	14/03/2016	14:45	4.9	ENE
14/03/2016	01:50	0.9	WNW	14/03/2016	08:20	3.1	NE	14/03/2016	14:50	4	ENE
14/03/2016	01:55	1.3	W	14/03/2016	08:25	4.5	ENE	14/03/2016	14:55	4.9	ENE
14/03/2016	02:00	2.7	W	14/03/2016	08:30	4.5	NE	14/03/2016	15:00	4.9	E
14/03/2016	02:05	0.9	NE	14/03/2016	08:35	3.6	NE	14/03/2016	15:05	5.4	E
14/03/2016	02:10	0.9	WSW	14/03/2016	08:40	4	NE	14/03/2016	15:10	5.4	ENE
14/03/2016	02:15	1.8	W	14/03/2016	08:45	4	NE	14/03/2016	15:15	4.9	ENE
14/03/2016	02:20	1.8	WNW	14/03/2016	08:50	4.9	NE	14/03/2016	15:20	4.5	ENE
14/03/2016	02:25	2.2	N	14/03/2016	08:55	4.9	NE	14/03/2016	15:25	4.9	ENE
14/03/2016	02:30	1.3	WNW	14/03/2016	09:00	4.5	NE	14/03/2016	15:30	4.9	ENE
14/03/2016	02:35	2.2	SW	14/03/2016	09:05	4.9	NE	14/03/2016	15:35	5.8	ENE
14/03/2016	02:40	2.2	W	14/03/2016	09:10	4	NE	14/03/2016	15:40	3.1	ENE
14/03/2016	02:45	2.2	NW	14/03/2016	09:15	3.1	NE	14/03/2016	15:45	2.7	E
14/03/2016	02:50	1.8	E	14/03/2016	09:20	3.6	ENE	14/03/2016	15:50	1.3	ENE
14/03/2016	02:55	2.2	WNW	14/03/2016	09:25	4	ENE	14/03/2016	15:55	1.8	ESE
14/03/2016	03:00	1.8	NNW	14/03/2016	09:30	1.8	WNW	14/03/2016	16:00	0.9	NNE
14/03/2016	03:05	1.8	S	14/03/2016	09:35	1.3	W	14/03/2016	16:05	2.7	ENE
14/03/2016	03:10	2.7	WSW	14/03/2016	09:40	0.9	NW	14/03/2016	16:10	3.6	ENE
14/03/2016	03:15	1.8	W	14/03/2016	09:45	1.3	W	14/03/2016	16:15	1.8	WNW
14/03/2016	03:20	2.2	WSW	14/03/2016	09:50	1.3	NW	14/03/2016	16:20	1.3	W
14/03/2016	03:25	3.6	NW	14/03/2016	09:55	1.8	W	14/03/2016	16:25	0.9	NW
14/03/2016	03:30	1.8	SSW	14/03/2016	10:00	1.8	WNW	14/03/2016	16:30	1.3	W
14/03/2016	03:35	2.7	ENE	14/03/2016	10:05	1.8	W	14/03/2016	16:35	1.3	NW
14/03/2016	03:40	4.9	ENE	14/03/2016	10:10	1.8	NW	14/03/2016	16:40	1.8	W
14/03/2016	03:45	2.2	ENE	14/03/2016	10:15	1.8	NW	14/03/2016	16:45	1.8	WNW
14/03/2016	03:50	2.2	WNW	14/03/2016	10:20	1.8	WNW	14/03/2016	16:50	1.8	W
14/03/2016	03:55	1.8	WNW	14/03/2016	10:25	3.1	NW	14/03/2016	16:55	1.8	NW
14/03/2016	04:00	1.3	W	14/03/2016	10:30	2.7	NW	14/03/2016	17:00	1.8	NW
14/03/2016	04:05	0.9	NW	14/03/2016	10:35	1.8	W	14/03/2016	17:05	1.8	WNW
14/03/2016	04:10	1.3	W	14/03/2016	10:40	2.7	W	14/03/2016	17:10	3.1	NW
14/03/2016	04:15	1.3	NW	14/03/2016	10:45	2.7	NW	14/03/2016	17:15	2.7	NW
14/03/2016	04:20	1.8	W	14/03/2016	10:50	2.7	NW	14/03/2016	17:20	1.8	W
14/03/2016	04:25	1.8	WNW	14/03/2016	10:55	4.5	ENE	14/03/2016	17:25	2.7	W
14/03/2016	04:30	1.8	W	14/03/2016	11:00	4	ENE	14/03/2016	17:30	2.7	NW
14/03/2016	04:35	1.8	NW	14/03/2016	11:05	4.5	ENE	14/03/2016	17:35	2.7	NW
14/03/2016	04:40	1.8	NW	14/03/2016	11:10	4.9	E	14/03/2016	17:40	4.9	E
14/03/2016	04:45	1.8	WNW	14/03/2016	11:15	4.9	ENE	14/03/2016	17:45	4.5	ENE
14/03/2016	04:50	3.1	NW	14/03/2016	11:20	4	ENE	14/03/2016	17:50	5.4	ENE
14/03/2016	04:55	2.7	NW	14/03/2016	11:25	4.9	ENE	14/03/2016	17:55	4.9	E
14/03/2016	05:00	1.8	W	14/03/2016	11:30	4	ENE	14/03/2016	18:00	5.4	ENE
14/03/2016	05:05	2.7	W	14/03/2016	11:35	4.9	ENE	14/03/2016	18:05	4.9	ENE
14/03/2016	05:10	2.7	NW	14/03/2016	11:40	4.9	E	14/03/2016	18:10	4	ENE
14/03/2016	05:15	2.7	NW	14/03/2016	11:45	4	ENE	14/03/2016	18:15	4.5	ENE
14/03/2016	05:20	3.6	NNE	14/03/2016	11:50	4.9	E	14/03/2016	18:20	3.6	ENE
14/03/2016	05:25	1.3	NE	14/03/2016	11:55	5.8	ENE	14/03/2016	18:25	4.5	ENE
14/03/2016	05:30	0.9	NE	14/03/2016	12:00	5.4	E	14/03/2016	18:30	4	ENE
14/03/2016	05:35	1.8	NE	14/03/2016	12:05	5.4	ENE	14/03/2016	18:35	4.5	ENE
14/03/2016	05:40	0.9	NE	14/03/2016	12:10	4.9	ENE	14/03/2016	18:40	3.1	ENE
14/03/2016	05:45	0.4	E	14/03/2016	12:15	4.5	ENE	14/03/2016	18:45	3.6	ENE
14/03/2016	05:50	0.9	SW	14/03/2016	12:20	4.9	ENE	14/03/2016	18:50	1.3	ENE
14/03/2016	05:55	2.7	E	14/03/2016	12:25	4.9	ENE	14/03/2016	18:55	1.8	ESE
14/03/2016	06:00	1.8	NW	14/03/2016	12:30	5.8	ENE	14/03/2016	19:00	0.9	NNE
14/03/2016	06:05	2.2	WNW	14/03/2016	12:35	5.8	ENE	14/03/2016	19:05	2.7	ENE
14/03/2016	06:10	2.2	NW	14/03/2016	12:40	4	NE	14/03/2016	19:10	3.6	ENE
14/03/2016	06:15	2.2	NW	14/03/2016	12:45	1.8	WNW	14/03/2016	19:15	4	ENE
14/03/2016	06:20	0.9	WNW	14/03/2016	12:50	1.3	W	14/03/2016	19:20	4.5	ENE
14/03/2016	06:25	0.9	WSW	14/03/2016	12:55	0.9	NW	14/03/2016	19:25	3.1	NE
14/03/2016	06:30	1.8	W	14/03/2016	13:00	1.3	W	14/03/2016	19:30	2.2	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
14/03/2016	19:35	2.7	ENE	15/03/2016	02:05	4.5	E	15/03/2016	08:35	0.4	NW
14/03/2016	19:40	2.7	ENE	15/03/2016	02:10	1.8	E	15/03/2016	08:40	0.9	SE
14/03/2016	19:45	4.5	E	15/03/2016	02:15	0.9	ENE	15/03/2016	08:45	0.4	SW
14/03/2016	19:50	4	ENE	15/03/2016	02:20	2.2	ENE	15/03/2016	08:50	0.4	SW
14/03/2016	19:55	2.7	ENE	15/03/2016	02:25	2.7	E	15/03/2016	08:55	0.4	SW
14/03/2016	20:00	4	ENE	15/03/2016	02:30	2.2	ENE	15/03/2016	09:00	0.4	SW
14/03/2016	20:05	3.1	ENE	15/03/2016	02:35	3.1	E	15/03/2016	09:05	1.3	NE
14/03/2016	20:10	4.9	ENE	15/03/2016	02:40	2.2	E	15/03/2016	09:10	1.3	N
14/03/2016	20:15	5.4	ENE	15/03/2016	02:45	3.6	ENE	15/03/2016	09:15	1.3	SW
14/03/2016	20:20	1.8	WNW	15/03/2016	02:50	3.1	ENE	15/03/2016	09:20	0.4	WSW
14/03/2016	20:25	1.3	W	15/03/2016	02:55	6.7	E	15/03/2016	09:25	0.4	NE
14/03/2016	20:30	0.9	NW	15/03/2016	03:00	6.7	E	15/03/2016	09:30	1.3	ENE
14/03/2016	20:35	1.3	W	15/03/2016	03:05	4	E	15/03/2016	09:35	1.3	ENE
14/03/2016	20:40	1.3	NW	15/03/2016	03:10	4.9	E	15/03/2016	09:40	0.4	NNE
14/03/2016	20:45	1.8	W	15/03/2016	03:15	5.8	E	15/03/2016	09:45	2.2	ENE
14/03/2016	20:50	1.8	WNW	15/03/2016	03:20	5.8	E	15/03/2016	09:50	2.2	E
14/03/2016	20:55	1.8	W	15/03/2016	03:25	5.8	E	15/03/2016	09:55	1.3	ENE
14/03/2016	21:00	1.8	NW	15/03/2016	03:30	4.5	E	15/03/2016	10:00	2.7	ENE
14/03/2016	21:05	1.8	NW	15/03/2016	03:35	0.9	NW	15/03/2016	10:05	1.8	NE
14/03/2016	21:10	1.8	WNW	15/03/2016	03:40	1.3	WNW	15/03/2016	10:10	0.9	NNE
14/03/2016	21:15	3.1	NW	15/03/2016	03:45	1.3	WSW	15/03/2016	10:15	0.4	SW
14/03/2016	21:20	2.7	NW	15/03/2016	03:50	0.9	NW	15/03/2016	10:20	1.3	E
14/03/2016	21:25	1.8	W	15/03/2016	03:55	0.4	NW	15/03/2016	10:25	1.8	ENE
14/03/2016	21:30	2.7	W	15/03/2016	04:00	0.9	SE	15/03/2016	10:30	2.2	ENE
14/03/2016	21:35	2.7	NW	15/03/2016	04:05	0.4	SW	15/03/2016	10:35	1.8	ENE
14/03/2016	21:40	2.7	NW	15/03/2016	04:10	0.4	SW	15/03/2016	10:40	2.2	ENE
14/03/2016	21:45	1.8	NNW	15/03/2016	04:15	0.4	SW	15/03/2016	10:45	2.2	ENE
14/03/2016	21:50	1.3	NNW	15/03/2016	04:20	0.4	SW	15/03/2016	10:50	4	ENE
14/03/2016	21:55	1.3	W	15/03/2016	04:25	1.3	NE	15/03/2016	10:55	3.6	E
14/03/2016	22:00	0.4	E	15/03/2016	04:30	1.3	N	15/03/2016	11:00	3.6	ENE
14/03/2016	22:05	1.3	SSW	15/03/2016	04:35	1.3	SW	15/03/2016	11:05	3.1	E
14/03/2016	22:10	4	NE	15/03/2016	04:40	0.4	WSW	15/03/2016	11:10	2.7	E
14/03/2016	22:15	1.8	WNW	15/03/2016	04:45	0.4	NE	15/03/2016	11:15	4	ESE
14/03/2016	22:20	1.3	W	15/03/2016	04:50	1.3	ENE	15/03/2016	11:20	3.1	E
14/03/2016	22:25	0.9	NW	15/03/2016	04:55	1.3	ENE	15/03/2016	11:25	3.1	E
14/03/2016	22:30	1.3	W	15/03/2016	05:00	0.4	NNE	15/03/2016	11:30	5.4	E
14/03/2016	22:35	1.3	NW	15/03/2016	05:05	1.3	ENE	15/03/2016	11:35	5.4	ENE
14/03/2016	22:40	1.8	W	15/03/2016	05:10	1.8	ENE	15/03/2016	11:40	5.4	E
14/03/2016	22:45	1.8	WNW	15/03/2016	05:15	2.7	ENE	15/03/2016	11:45	0.9	NW
14/03/2016	22:50	1.8	W	15/03/2016	05:20	0.9	NW	15/03/2016	11:50	1.3	WNW
14/03/2016	22:55	1.8	NW	15/03/2016	05:25	1.3	WNW	15/03/2016	11:55	1.3	WSW
14/03/2016	23:00	1.8	NW	15/03/2016	05:30	0.9	NW	15/03/2016	12:00	0.9	NW
14/03/2016	23:05	1.8	WNW	15/03/2016	05:35	0.4	NW	15/03/2016	12:05	0.4	NW
14/03/2016	23:10	3.1	NW	15/03/2016	05:40	0.9	SE	15/03/2016	12:10	0.9	SE
14/03/2016	23:15	2.7	NW	15/03/2016	05:45	0.4	SW	15/03/2016	12:15	0.4	SW
14/03/2016	23:20	1.8	W	15/03/2016	05:50	0.4	SW	15/03/2016	12:20	0.4	SW
14/03/2016	23:25	2.7	W	15/03/2016	05:55	0.4	SW	15/03/2016	12:25	0.4	SW
14/03/2016	23:30	2.7	NW	15/03/2016	06:00	0.4	SW	15/03/2016	12:30	0.4	SW
14/03/2016	23:35	2.7	NW	15/03/2016	06:05	1.3	NE	15/03/2016	12:35	1.3	NE
14/03/2016	23:40	1.8	NW	15/03/2016	06:10	1.3	SW	15/03/2016	12:40	1.3	N
14/03/2016	23:45	1.3	NNW	15/03/2016	06:15	0.4	WSW	15/03/2016	12:45	1.3	SW
14/03/2016	23:50	1.3	W	15/03/2016	06:20	0.4	NE	15/03/2016	12:50	0.4	WSW
14/03/2016	23:55	0.4	E	15/03/2016	06:25	1.3	ENE	15/03/2016	12:55	0.4	NE
15/03/2016	00:00	1.3	SSW	15/03/2016	06:30	1.3	ENE	15/03/2016	13:00	1.3	ENE
15/03/2016	00:05	0.9	NW	15/03/2016	06:35	0.4	NNE	15/03/2016	13:05	1.3	ENE
15/03/2016	00:10	1.3	WNW	15/03/2016	06:40	0.4	NNE	15/03/2016	13:10	0.4	NNE
15/03/2016	00:15	1.3	WSW	15/03/2016	06:45	0.4	NNE	15/03/2016	13:15	1.8	NNE
15/03/2016	00:20	0.9	NW	15/03/2016	06:50	1.3	E	15/03/2016	13:20	2.2	N
15/03/2016	00:25	0.4	NW	15/03/2016	06:55	2.7	E	15/03/2016	13:25	2.7	N
15/03/2016	00:30	0.9	SE	15/03/2016	07:00	3.1	E	15/03/2016	13:30	1.8	NE
15/03/2016	00:35	0.4	SW	15/03/2016	07:05	4.5	E	15/03/2016	13:35	1.3	NNE
15/03/2016	00:40	0.4	SW	15/03/2016	07:10	2.2	ENE	15/03/2016	13:40	2.7	NE
15/03/2016	00:45	0.4	SW	15/03/2016	07:15	2.7	E	15/03/2016	13:45	3.6	NE
15/03/2016	00:50	0.4	SW	15/03/2016	07:20	2.2	ENE	15/03/2016	13:50	2.2	ENE
15/03/2016	00:55	1.3	NE	15/03/2016	07:25	3.1	E	15/03/2016	13:55	2.2	E
15/03/2016	01:00	1.3	N	15/03/2016	07:30	2.2	E	15/03/2016	14:00	1.3	ENE
15/03/2016	01:05	1.3	SW	15/03/2016	07:35	6.7	E	15/03/2016	14:05	2.7	ENE
15/03/2016	01:10	0.4	WSW	15/03/2016	07:40	6.7	E	15/03/2016	14:10	0.4	SW
15/03/2016	01:15	0.4	NE	15/03/2016	07:45	4	E	15/03/2016	14:15	1.3	E
15/03/2016	01:20	1.3	ENE	15/03/2016	07:50	4.9	E	15/03/2016	14:20	1.8	ENE
15/03/2016	01:25	1.3	ENE	15/03/2016	07:55	5.8	E	15/03/2016	14:25	2.2	ENE
15/03/2016	01:30	0.4	NNE	15/03/2016	08:00	4.5	E	15/03/2016	14:30	1.8	ENE
15/03/2016	01:35	0.4	NNE	15/03/2016	08:05	4	E	15/03/2016	14:35	4	ENE
15/03/2016	01:40	0.4	NNE	15/03/2016	08:10	4.5	ENE	15/03/2016	14:40	3.6	E
15/03/2016	01:45	0.4	NNE	15/03/2016	08:15	0.9	NW	15/03/2016	14:45	3.6	ENE
15/03/2016	01:50	1.3	E	15/03/2016	08:20	1.3	WNW	15/03/2016	14:50	3.1	E
15/03/2016	01:55	2.7	E	15/03/2016	08:25	1.3	WSW	15/03/2016	14:55	2.7	E
15/03/2016	02:00	3.1	E	15/03/2016	08:30	0.9	NW	15/03/2016	15:00	4	ESE

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
15/03/2016	15:05	3.1	E	15/03/2016	21:35	2.2	ENE	16/03/2016	04:05	0.4	WNW
15/03/2016	15:10	5.4	ENE	15/03/2016	21:40	1.3	NNE	16/03/2016	04:10	0.4	WNW
15/03/2016	15:15	0.9	NW	15/03/2016	21:45	2.2	E	16/03/2016	04:15	0.4	WNW
15/03/2016	15:20	1.3	WNW	15/03/2016	21:50	3.6	E	16/03/2016	04:20	0.4	WNW
15/03/2016	15:25	1.3	WSW	15/03/2016	21:55	1.3	E	16/03/2016	04:25	0.4	WNW
15/03/2016	15:30	0.9	NW	15/03/2016	22:00	3.1	E	16/03/2016	04:30	0.4	WNW
15/03/2016	15:35	0.4	NW	15/03/2016	22:05	3.6	E	16/03/2016	04:35	0.4	WNW
15/03/2016	15:40	0.9	SE	15/03/2016	22:10	2.7	E	16/03/2016	04:40	0.4	WNW
15/03/2016	15:45	0.4	SW	15/03/2016	22:15	1.8	ENE	16/03/2016	04:45	0.4	WSW
15/03/2016	15:50	0.4	SW	15/03/2016	22:20	3.6	ENE	16/03/2016	04:50	1.8	WNW
15/03/2016	15:55	0.4	SW	15/03/2016	22:25	3.6	E	16/03/2016	04:55	1.3	WNW
15/03/2016	16:00	0.4	SW	15/03/2016	22:30	2.2	ENE	16/03/2016	05:00	2.2	WNW
15/03/2016	16:05	1.3	NE	15/03/2016	22:35	0.9	NW	16/03/2016	05:05	1.3	WNW
15/03/2016	16:10	1.3	N	15/03/2016	22:40	1.3	WNW	16/03/2016	05:10	1.3	WNW
15/03/2016	16:15	1.3	SW	15/03/2016	22:45	1.3	WSW	16/03/2016	05:15	0.4	WNW
15/03/2016	16:20	0.4	WSW	15/03/2016	22:50	0.9	NW	16/03/2016	05:20	1.3	W
15/03/2016	16:25	0.4	NE	15/03/2016	22:55	0.4	NW	16/03/2016	05:25	0.4	ESE
15/03/2016	16:30	1.3	ENE	15/03/2016	23:00	0.9	SE	16/03/2016	05:30	0.9	W
15/03/2016	16:35	1.3	ENE	15/03/2016	23:05	0.4	SW	16/03/2016	05:35	1.3	W
15/03/2016	16:40	0.4	NNE	15/03/2016	23:10	0.4	SW	16/03/2016	05:40	3.1	NE
15/03/2016	16:45	1.8	NE	15/03/2016	23:15	0.4	SW	16/03/2016	05:45	2.2	ENE
15/03/2016	16:50	1.3	NNE	15/03/2016	23:20	0.4	SW	16/03/2016	05:50	1.8	ENE
15/03/2016	16:55	0.9	ENE	15/03/2016	23:25	1.3	NE	16/03/2016	05:55	0.4	N
15/03/2016	17:00	2.2	ENE	15/03/2016	23:30	1.3	N	16/03/2016	06:00	0.4	N
15/03/2016	17:05	2.2	ENE	15/03/2016	23:35	1.3	SW	16/03/2016	06:05	1.3	SW
15/03/2016	17:10	0.9	ENE	15/03/2016	23:40	0.4	WSW	16/03/2016	06:10	1.3	WSW
15/03/2016	17:15	2.7	ENE	15/03/2016	23:45	0.4	NE	16/03/2016	06:15	0.4	WSW
15/03/2016	17:20	2.7	E	15/03/2016	23:50	1.3	ENE	16/03/2016	06:20	0.4	WSW
15/03/2016	17:25	3.6	E	15/03/2016	23:55	1.3	ENE	16/03/2016	06:25	0.4	SW
15/03/2016	17:30	2.7	E	16/03/2016	00:00	0.4	NNE	16/03/2016	06:30	0.4	W
15/03/2016	17:35	3.1	ENE	16/03/2016	00:05	0.4	WNW	16/03/2016	06:35	0.4	WNW
15/03/2016	17:40	3.6	ENE	16/03/2016	00:10	0.4	WSW	16/03/2016	06:40	0.4	WNW
15/03/2016	17:45	2.7	E	16/03/2016	00:15	0.4	WNW	16/03/2016	06:45	1.3	WSW
15/03/2016	17:50	3.1	ENE	16/03/2016	00:20	0.4	WNW	16/03/2016	06:50	0.4	WNW
15/03/2016	17:55	2.7	ENE	16/03/2016	00:25	0.4	WNW	16/03/2016	06:55	0.4	WNW
15/03/2016	18:00	2.2	ENE	16/03/2016	00:30	0.4	WSW	16/03/2016	07:00	0.4	NW
15/03/2016	18:05	1.3	NNE	16/03/2016	00:35	0.4	WNW	16/03/2016	07:05	0.4	NE
15/03/2016	18:10	2.2	E	16/03/2016	00:40	0.4	WNW	16/03/2016	07:10	0.4	ESE
15/03/2016	18:15	3.6	E	16/03/2016	00:45	0.9	WSW	16/03/2016	07:15	0.4	NW
15/03/2016	18:20	2.7	ENE	16/03/2016	00:50	0.9	WNW	16/03/2016	07:20	0.4	SW
15/03/2016	18:25	1.8	E	16/03/2016	00:55	0.4	WNW	16/03/2016	07:25	0.4	ESE
15/03/2016	18:30	1.3	E	16/03/2016	01:00	0.4	WNW	16/03/2016	07:30	0.4	ESE
15/03/2016	18:35	3.1	E	16/03/2016	01:05	0.4	NW	16/03/2016	07:35	0.9	W
15/03/2016	18:40	3.6	E	16/03/2016	01:10	0.4	NE	16/03/2016	07:40	2.2	ENE
15/03/2016	18:45	2.7	E	16/03/2016	01:15	0.4	ESE	16/03/2016	07:45	1.8	ENE
15/03/2016	18:50	1.8	ENE	16/03/2016	01:20	0.4	ESE	16/03/2016	07:50	0.4	N
15/03/2016	18:55	3.6	ENE	16/03/2016	01:25	0.4	ESE	16/03/2016	07:55	0.4	N
15/03/2016	19:00	3.6	E	16/03/2016	01:30	0.4	NW	16/03/2016	08:00	1.3	SW
15/03/2016	19:05	0.9	NW	16/03/2016	01:35	0.4	SW	16/03/2016	08:05	1.3	WSW
15/03/2016	19:10	1.3	WNW	16/03/2016	01:40	0.4	ESE	16/03/2016	08:10	0.4	SW
15/03/2016	19:15	1.3	WSW	16/03/2016	01:45	0.4	ESE	16/03/2016	08:15	0.4	W
15/03/2016	19:20	0.9	NW	16/03/2016	01:50	0.9	W	16/03/2016	08:20	0.4	WNW
15/03/2016	19:25	0.4	NW	16/03/2016	01:55	1.3	W	16/03/2016	08:25	0.4	WNW
15/03/2016	19:30	0.9	SE	16/03/2016	02:00	3.1	NE	16/03/2016	08:30	1.3	WSW
15/03/2016	19:35	0.4	SW	16/03/2016	02:05	2.2	ENE	16/03/2016	08:35	1.3	W
15/03/2016	19:40	0.4	SW	16/03/2016	02:10	1.8	ENE	16/03/2016	08:40	0.4	WSW
15/03/2016	19:45	0.4	SW	16/03/2016	02:15	0.4	N	16/03/2016	08:45	0.4	WSW
15/03/2016	19:50	0.4	SW	16/03/2016	02:20	0.4	N	16/03/2016	08:50	0.4	WSW
15/03/2016	19:55	1.3	NE	16/03/2016	02:25	1.3	SW	16/03/2016	08:55	0.4	WSW
15/03/2016	20:00	1.3	N	16/03/2016	02:30	1.3	WSW	16/03/2016	09:00	0.4	WSW
15/03/2016	20:05	1.3	SW	16/03/2016	02:35	0.4	WSW	16/03/2016	09:05	0.4	WSW
15/03/2016	20:10	0.4	WSW	16/03/2016	02:40	0.4	WSW	16/03/2016	09:10	0.4	WSW
15/03/2016	20:15	0.4	NE	16/03/2016	02:45	0.4	SW	16/03/2016	09:15	0.4	WNW
15/03/2016	20:20	1.3	ENE	16/03/2016	02:50	0.4	W	16/03/2016	09:20	0.4	WNW
15/03/2016	20:25	1.3	ENE	16/03/2016	02:55	0.4	WNW	16/03/2016	09:25	0.4	WNW
15/03/2016	20:30	0.4	NNE	16/03/2016	03:00	0.4	WNW	16/03/2016	09:30	0.4	WNW
15/03/2016	20:35	2.2	E	16/03/2016	03:05	1.3	WSW	16/03/2016	09:35	0.4	WNW
15/03/2016	20:40	1.8	E	16/03/2016	03:10	1.3	W	16/03/2016	09:40	0.4	WSW
15/03/2016	20:45	2.2	ENE	16/03/2016	03:15	1.3	W	16/03/2016	09:45	1.8	WNW
15/03/2016	20:50	2.2	ENE	16/03/2016	03:20	1.3	W	16/03/2016	09:50	1.3	WNW
15/03/2016	20:55	0.9	ENE	16/03/2016	03:25	0.4	WSW	16/03/2016	09:55	2.2	WNW
15/03/2016	21:00	2.7	ENE	16/03/2016	03:30	0.4	WSW	16/03/2016	10:00	1.3	WNW
15/03/2016	21:05	2.7	E	16/03/2016	03:35	0.4	WSW	16/03/2016	10:05	1.3	WNW
15/03/2016	21:10	3.6	E	16/03/2016	03:40	0.4	WSW	16/03/2016	10:10	0.4	WNW
15/03/2016	21:15	2.7	E	16/03/2016	03:45	0.4	WSW	16/03/2016	10:15	1.3	ENE
15/03/2016	21:20	2.7	E	16/03/2016	03:50	0.4	WSW	16/03/2016	10:20	1.3	ENE
15/03/2016	21:25	3.1	ENE	16/03/2016	03:55	0.4	WSW	16/03/2016	10:25	0.4	ESE
15/03/2016	21:30	2.7	ENE	16/03/2016	04:00	0.4	WSW	16/03/2016	10:30	0.9	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
16/03/2016	10:35	1.3	W	16/03/2016	17:05	0.4	ESE	16/03/2016	23:35	0.4	W
16/03/2016	10:40	3.1	NE	16/03/2016	17:10	0.9	W	16/03/2016	23:40	0.4	WNW
16/03/2016	10:45	2.2	ENE	16/03/2016	17:15	1.3	W	16/03/2016	23:45	0.4	WNW
16/03/2016	10:50	1.8	ENE	16/03/2016	17:20	3.1	NE	16/03/2016	23:50	1.3	WSW
16/03/2016	10:55	0.4	N	16/03/2016	17:25	2.2	ENE	16/03/2016	23:55	3.6	ENE
16/03/2016	11:00	0.4	N	16/03/2016	17:30	1.8	ENE	17/03/2016	00:00	3.1	ENE
16/03/2016	11:05	1.3	SW	16/03/2016	17:35	0.4	N	17/03/2016	00:05	4.5	ENE
16/03/2016	11:10	1.3	WSW	16/03/2016	17:40	0.4	N	17/03/2016	00:10	3.1	E
16/03/2016	11:15	0.4	WSW	16/03/2016	17:45	1.3	SW	17/03/2016	00:15	3.6	E
16/03/2016	11:20	0.4	WSW	16/03/2016	17:50	1.3	WSW	17/03/2016	00:20	3.1	ENE
16/03/2016	11:25	0.4	SW	16/03/2016	17:55	0.4	WSW	17/03/2016	00:25	3.6	E
16/03/2016	11:30	0.4	W	16/03/2016	18:00	0.4	WSW	17/03/2016	00:30	2.7	ENE
16/03/2016	11:35	0.4	WNW	16/03/2016	18:05	0.4	SW	17/03/2016	00:35	3.1	ENE
16/03/2016	11:40	0.4	WNW	16/03/2016	18:10	0.4	W	17/03/2016	00:40	2.7	ENE
16/03/2016	11:45	1.3	WSW	16/03/2016	18:15	0.4	WNW	17/03/2016	00:45	3.1	E
16/03/2016	11:50	1.8	E	16/03/2016	18:20	0.4	WNW	17/03/2016	00:50	3.1	ENE
16/03/2016	11:55	1.3	E	16/03/2016	18:25	1.3	WSW	17/03/2016	00:55	2.7	ENE
16/03/2016	12:00	1.3	ENE	16/03/2016	18:30	1.3	E	17/03/2016	01:00	4.5	ENE
16/03/2016	12:05	1.8	NE	16/03/2016	18:35	0.4	ENE	17/03/2016	01:05	4	E
16/03/2016	12:10	1.3	ENE	16/03/2016	18:40	1.3	E	17/03/2016	01:10	3.6	ENE
16/03/2016	12:15	1.3	E	16/03/2016	18:45	0.9	ESE	17/03/2016	01:15	2.7	ENE
16/03/2016	12:20	1.3	NNE	16/03/2016	18:50	1.3	NE	17/03/2016	01:20	3.1	ENE
16/03/2016	12:25	2.2	E	16/03/2016	18:55	0.9	ENE	17/03/2016	01:25	4	E
16/03/2016	12:30	2.7	ENE	16/03/2016	19:00	1.8	ESE	17/03/2016	01:30	4	E
16/03/2016	12:35	2.2	ENE	16/03/2016	19:05	1.3	ENE	17/03/2016	01:35	3.6	ENE
16/03/2016	12:40	2.2	E	16/03/2016	19:10	1.3	NE	17/03/2016	01:40	3.1	E
16/03/2016	12:45	1.3	NW	16/03/2016	19:15	1.8	E	17/03/2016	01:45	4	ENE
16/03/2016	12:50	0.9	W	16/03/2016	19:20	2.2	E	17/03/2016	01:50	3.1	ENE
16/03/2016	12:55	2.7	E	16/03/2016	19:25	0.4	ENE	17/03/2016	01:55	2.7	E
16/03/2016	13:00	2.2	ENE	16/03/2016	19:30	3.1	ENE	17/03/2016	02:00	2.2	ENE
16/03/2016	13:05	1.3	NW	16/03/2016	19:35	3.1	E	17/03/2016	02:05	4	ENE
16/03/2016	13:10	0.9	ESE	16/03/2016	19:40	3.6	E	17/03/2016	02:10	4.5	ENE
16/03/2016	13:15	0.4	NE	16/03/2016	19:45	3.6	E	17/03/2016	02:15	4	ENE
16/03/2016	13:20	1.3	N	16/03/2016	19:50	3.1	ENE	17/03/2016	02:20	3.6	ENE
16/03/2016	13:25	0.9	N	16/03/2016	19:55	4	ENE	17/03/2016	02:25	4.5	ENE
16/03/2016	13:30	1.3	NNE	16/03/2016	20:00	3.6	E	17/03/2016	02:30	3.6	ENE
16/03/2016	13:35	1.3	NNE	16/03/2016	20:05	2.7	E	17/03/2016	02:35	4.5	ENE
16/03/2016	13:40	0.4	ESE	16/03/2016	20:10	3.6	E	17/03/2016	02:40	3.1	ENE
16/03/2016	13:45	0.9	W	16/03/2016	20:15	3.1	ENE	17/03/2016	02:45	4	ENE
16/03/2016	13:50	1.3	W	16/03/2016	20:20	3.6	ENE	17/03/2016	02:50	2.7	ENE
16/03/2016	13:55	3.1	NE	16/03/2016	20:25	3.1	ENE	17/03/2016	02:55	4	ENE
16/03/2016	14:00	2.2	ENE	16/03/2016	20:30	4.5	ENE	17/03/2016	03:00	4.5	ENE
16/03/2016	14:05	1.8	ENE	16/03/2016	20:35	3.1	ENE	17/03/2016	03:05	4.5	ENE
16/03/2016	14:10	0.4	N	16/03/2016	20:40	0.4	ESE	17/03/2016	03:10	4	E
16/03/2016	14:15	0.4	N	16/03/2016	20:45	0.9	W	17/03/2016	03:15	4	ENE
16/03/2016	14:20	1.3	SW	16/03/2016	20:50	1.3	W	17/03/2016	03:20	5.4	ENE
16/03/2016	14:25	1.3	WSW	16/03/2016	20:55	3.1	NE	17/03/2016	03:25	4.5	ENE
16/03/2016	14:30	0.4	WSW	16/03/2016	21:00	2.2	ENE	17/03/2016	03:30	4	ENE
16/03/2016	14:35	0.4	WSW	16/03/2016	21:05	1.8	ENE	17/03/2016	03:35	4.9	E
16/03/2016	14:40	0.4	SW	16/03/2016	21:10	0.4	N	17/03/2016	03:40	4	ENE
16/03/2016	14:45	0.4	W	16/03/2016	21:15	0.4	N	17/03/2016	03:45	4	E
16/03/2016	14:50	0.4	WNW	16/03/2016	21:20	1.3	SW	17/03/2016	03:50	3.1	ENE
16/03/2016	14:55	0.4	WNW	16/03/2016	21:25	1.3	WSW	17/03/2016	03:55	3.1	ENE
16/03/2016	15:00	1.3	WSW	16/03/2016	21:30	0.4	WSW	17/03/2016	04:00	2.2	ENE
16/03/2016	15:05	3.1	W	16/03/2016	21:35	0.4	WSW	17/03/2016	04:05	3.6	ENE
16/03/2016	15:10	3.1	W	16/03/2016	21:40	0.4	SW	17/03/2016	04:10	2.7	E
16/03/2016	15:15	2.2	W	16/03/2016	21:45	0.4	W	17/03/2016	04:15	4	ENE
16/03/2016	15:20	1.3	NE	16/03/2016	21:50	0.4	WNW	17/03/2016	04:20	4	ENE
16/03/2016	15:25	2.7	WSW	16/03/2016	21:55	0.4	WNW	17/03/2016	04:25	4.5	ENE
16/03/2016	15:30	1.3	E	16/03/2016	22:00	1.3	WSW	17/03/2016	04:30	3.1	ENE
16/03/2016	15:35	1.3	ENE	16/03/2016	22:05	0.4	ENE	17/03/2016	04:35	3.6	ENE
16/03/2016	15:40	1.8	NE	16/03/2016	22:10	0.9	ESE	17/03/2016	04:40	4	ENE
16/03/2016	15:45	1.3	ENE	16/03/2016	22:15	1.3	NE	17/03/2016	04:45	2.7	ENE
16/03/2016	15:50	1.3	E	16/03/2016	22:20	0.9	ENE	17/03/2016	04:50	3.1	ENE
16/03/2016	15:55	1.3	NNE	16/03/2016	22:25	1.8	ESE	17/03/2016	04:55	4	E
16/03/2016	16:00	2.2	E	16/03/2016	22:30	0.4	ESE	17/03/2016	05:00	4	E
16/03/2016	16:05	2.7	ENE	16/03/2016	22:35	0.9	W	17/03/2016	05:05	3.6	ENE
16/03/2016	16:10	2.2	ENE	16/03/2016	22:40	1.3	W	17/03/2016	05:10	3.1	E
16/03/2016	16:15	2.7	E	16/03/2016	22:45	3.1	NE	17/03/2016	05:15	4	ENE
16/03/2016	16:20	2.2	ENE	16/03/2016	22:50	2.2	ENE	17/03/2016	05:20	3.1	ENE
16/03/2016	16:25	1.3	NW	16/03/2016	22:55	1.8	ENE	17/03/2016	05:25	2.7	E
16/03/2016	16:30	0.9	ESE	16/03/2016	23:00	0.4	N	17/03/2016	05:30	2.2	ENE
16/03/2016	16:35	0.4	NE	16/03/2016	23:05	0.4	N	17/03/2016	05:35	4	ENE
16/03/2016	16:40	1.3	NNE	16/03/2016	23:10	1.3	SW	17/03/2016	05:40	4.5	ENE
16/03/2016	16:45	1.3	NNE	16/03/2016	23:15	1.3	WSW	17/03/2016	05:45	4	ENE
16/03/2016	16:50	1.8	N	16/03/2016	23:20	0.4	WSW	17/03/2016	05:50	3.6	ENE
16/03/2016	16:55	2.2	NNW	16/03/2016	23:25	0.4	WSW	17/03/2016	05:55	4.5	ENE
16/03/2016	17:00	1.3	NNW	16/03/2016	23:30	0.4	SW	17/03/2016	06:00	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	Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction
17/03/2016	06:05	3.6	E	17/03/2016	12:35	5.4	ENE	17/03/2016	19:05	3.1	E
17/03/2016	06:10	3.1	ENE	17/03/2016	12:40	5.4	NE	17/03/2016	19:10	4	ENE
17/03/2016	06:15	3.6	E	17/03/2016	12:45	4.9	NE	17/03/2016	19:15	3.1	ENE
17/03/2016	06:20	2.7	ENE	17/03/2016	12:50	5.4	ENE	17/03/2016	19:20	2.7	E
17/03/2016	06:25	3.1	E	17/03/2016	12:55	4.5	NE	17/03/2016	19:25	2.2	ENE
17/03/2016	06:30	3.1	ENE	17/03/2016	13:00	5.8	ENE	17/03/2016	19:30	4	ENE
17/03/2016	06:35	2.7	ENE	17/03/2016	13:05	4.9	ENE	17/03/2016	19:35	4.5	ENE
17/03/2016	06:40	4.5	ENE	17/03/2016	13:10	4.5	ENE	17/03/2016	19:40	4	ENE
17/03/2016	06:45	3.6	ENE	17/03/2016	13:15	4.5	NE	17/03/2016	19:45	3.6	ENE
17/03/2016	06:50	2.7	ENE	17/03/2016	13:20	4.9	NE	17/03/2016	19:50	0.4	ENE
17/03/2016	06:55	3.1	ENE	17/03/2016	13:25	4.9	ENE	17/03/2016	19:55	0.4	S
17/03/2016	07:00	4	E	17/03/2016	13:30	4	NE	17/03/2016	20:00	0.4	S
17/03/2016	07:05	4	E	17/03/2016	13:35	2.7	E	17/03/2016	20:05	0.4	NNE
17/03/2016	07:10	3.6	ENE	17/03/2016	13:40	5.4	NE	17/03/2016	20:10	0.4	N
17/03/2016	07:15	3.1	ENE	17/03/2016	13:45	6.3	NE	17/03/2016	20:15	1.3	N
17/03/2016	07:20	2.7	E	17/03/2016	13:50	5.8	NE	17/03/2016	20:20	0.9	SW
17/03/2016	07:25	2.2	ENE	17/03/2016	13:55	5.4	NE	17/03/2016	20:25	0.9	SSE
17/03/2016	07:30	4	ENE	17/03/2016	14:00	5.4	NE	17/03/2016	20:30	0.4	NNW
17/03/2016	07:35	4.5	ENE	17/03/2016	14:05	5.4	NE	17/03/2016	20:35	0.9	NNE
17/03/2016	07:40	4.5	ENE	17/03/2016	14:10	5.4	NE	17/03/2016	20:40	0.4	NNE
17/03/2016	07:45	3.6	ENE	17/03/2016	14:15	4.9	NE	17/03/2016	20:45	0.9	NNE
17/03/2016	07:50	4.5	ENE	17/03/2016	14:20	4.9	NE	17/03/2016	20:50	1.3	E
17/03/2016	07:55	3.1	ENE	17/03/2016	14:25	5.4	NE	17/03/2016	20:55	0.4	N
17/03/2016	08:00	4	ENE	17/03/2016	14:30	4.5	ENE	17/03/2016	21:00	1.3	ENE
17/03/2016	08:05	2.7	ENE	17/03/2016	14:35	5.8	NE	17/03/2016	21:05	0.4	SSE
17/03/2016	08:10	4.5	ENE	17/03/2016	14:40	2.7	ENE	17/03/2016	21:10	1.3	NNW
17/03/2016	08:15	4	E	17/03/2016	14:45	3.1	ENE	17/03/2016	21:15	1.3	N
17/03/2016	08:20	4	ENE	17/03/2016	14:50	4	E	17/03/2016	21:20	3.1	NE
17/03/2016	08:25	5.4	ENE	17/03/2016	14:55	4	E	17/03/2016	21:25	1.8	E
17/03/2016	08:30	4.5	ENE	17/03/2016	15:00	3.6	ENE	17/03/2016	21:30	1.3	NE
17/03/2016	08:35	4	ENE	17/03/2016	15:05	3.1	E	17/03/2016	21:35	0.9	E
17/03/2016	08:40	4	ENE	17/03/2016	15:10	4	ENE	17/03/2016	21:40	2.2	NE
17/03/2016	08:45	4	E	17/03/2016	15:15	3.1	ENE	17/03/2016	21:45	2.7	E
17/03/2016	08:50	3.1	ENE	17/03/2016	15:20	2.7	E	17/03/2016	21:50	0.9	NE
17/03/2016	08:55	3.1	ENE	17/03/2016	15:25	2.2	ENE	17/03/2016	21:55	0.9	NE
17/03/2016	09:00	2.2	ENE	17/03/2016	15:30	4	ENE	17/03/2016	22:00	0.4	ENE
17/03/2016	09:05	3.6	ENE	17/03/2016	15:35	4.5	ENE	17/03/2016	22:05	0.4	S
17/03/2016	09:10	2.7	E	17/03/2016	15:40	4	ENE	17/03/2016	22:10	0.4	NNE
17/03/2016	09:15	4	ENE	17/03/2016	15:45	3.6	ENE	17/03/2016	22:15	0.4	N
17/03/2016	09:20	4.5	ENE	17/03/2016	15:50	2.7	E	17/03/2016	22:20	1.3	N
17/03/2016	09:25	3.1	ENE	17/03/2016	15:55	4	E	17/03/2016	22:25	0.9	SW
17/03/2016	09:30	3.6	ENE	17/03/2016	16:00	3.1	NNE	17/03/2016	22:30	0.4	NNW
17/03/2016	09:35	4	ENE	17/03/2016	16:05	4.5	WSW	17/03/2016	22:35	2.7	ENE
17/03/2016	09:40	4	ENE	17/03/2016	16:10	2.7	NE	17/03/2016	22:40	3.1	ENE
17/03/2016	09:45	3.6	ENE	17/03/2016	16:15	3.6	NNE	17/03/2016	22:45	4	E
17/03/2016	09:50	3.1	ENE	17/03/2016	16:20	4	NE	17/03/2016	22:50	4	E
17/03/2016	09:55	3.6	ENE	17/03/2016	16:25	3.6	NNE	17/03/2016	22:55	3.6	ENE
17/03/2016	10:00	3.6	ENE	17/03/2016	16:30	4	NE	17/03/2016	23:00	3.1	E
17/03/2016	10:05	3.6	ENE	17/03/2016	16:35	3.1	E	17/03/2016	23:05	4	ENE
17/03/2016	10:10	3.6	ENE	17/03/2016	16:40	3.1	NE	17/03/2016	23:10	3.1	ENE
17/03/2016	10:15	2.7	ENE	17/03/2016	16:45	3.6	ENE	17/03/2016	23:15	2.7	E
17/03/2016	10:20	2.7	ENE	17/03/2016	16:50	3.6	ENE	17/03/2016	23:20	2.2	ENE
17/03/2016	10:25	3.1	ENE	17/03/2016	16:55	1.8	E	17/03/2016	23:25	4	ENE
17/03/2016	10:30	4	E	17/03/2016	17:00	1.8	ENE	17/03/2016	23:30	4.5	ENE
17/03/2016	10:35	4	E	17/03/2016	17:05	2.7	NE	17/03/2016	23:35	4	ENE
17/03/2016	10:40	3.6	ENE	17/03/2016	17:10	2.7	E	17/03/2016	23:40	3.6	ENE
17/03/2016	10:45	3.1	E	17/03/2016	17:15	3.1	E	17/03/2016	23:45	0.9	E
17/03/2016	10:50	4	ENE	17/03/2016	17:20	4	ENE	17/03/2016	23:50	1.3	E
17/03/2016	10:55	3.1	ENE	17/03/2016	17:25	2.7	NE	17/03/2016	23:55	0.4	E
17/03/2016	11:00	2.7	E	17/03/2016	17:30	2.7	NE	18/03/2016	00:00	0.4	E
17/03/2016	11:05	2.2	ENE	17/03/2016	17:35	2.2	NE	18/03/2016	00:05	1.8	W
17/03/2016	11:10	4	ENE	17/03/2016	17:40	3.6	NE	18/03/2016	00:10	1.8	ENE
17/03/2016	11:15	4.5	ENE	17/03/2016	17:45	2.7	NE	18/03/2016	00:15	2.2	E
17/03/2016	11:20	4	ENE	17/03/2016	17:50	1.3	N	18/03/2016	00:20	0.9	SW
17/03/2016	11:25	3.6	ENE	17/03/2016	17:55	2.2	NE	18/03/2016	00:25	0.9	ENE
17/03/2016	11:30	4.9	NE	17/03/2016	18:00	3.1	NNE	18/03/2016	00:30	2.2	WNW
17/03/2016	11:35	5.4	NE	17/03/2016	18:05	4.5	WSW	18/03/2016	00:35	1.8	NE
17/03/2016	11:40	4.5	ENE	17/03/2016	18:10	2.7	NE	18/03/2016	00:40	3.1	NW
17/03/2016	11:45	4.9	NE	17/03/2016	18:15	3.6	NNE	18/03/2016	00:45	2.2	W
17/03/2016	11:50	4.9	ENE	17/03/2016	18:20	4	NE	18/03/2016	00:50	0.9	W
17/03/2016	11:55	5.8	NE	17/03/2016	18:25	4	NE	18/03/2016	00:55	2.2	WNW
17/03/2016	12:00	4.9	NE	17/03/2016	18:30	3.1	E	18/03/2016	01:00	1.8	W
17/03/2016	12:05	4.9	ENE	17/03/2016	18:35	3.1	NE	18/03/2016	01:05	2.2	ENE
17/03/2016	12:10	4.9	ENE	17/03/2016	18:40	2.7	ENE	18/03/2016	01:10	1.8	NW
17/03/2016	12:15	4.9	NE	17/03/2016	18:45	3.1	ENE	18/03/2016	01:15	1.8	NNW
17/03/2016	12:20	4.9	NE	17/03/2016	18:50	4	E	18/03/2016	01:20	2.2	WNW
17/03/2016	12:25	5.4	NE	17/03/2016	18:55	4	E	18/03/2016	01:25	3.1	WNW
17/03/2016	12:30	4.9	ENE	17/03/2016	19:00	3.6	ENE	18/03/2016	01:30	2.2	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
18/03/2016	01:35	1.3	ENE	18/03/2016	08:05	2.2	NNE	18/03/2016	14:35	1.3	WSW
18/03/2016	01:40	1.3	NNE	18/03/2016	08:10	2.7	NNE	18/03/2016	14:40	1.3	ENE
18/03/2016	01:45	1.8	NW	18/03/2016	08:15	2.7	NE	18/03/2016	14:45	1.3	ENE
18/03/2016	01:50	2.7	WNW	18/03/2016	08:20	2.2	N	18/03/2016	14:50	1.3	NNE
18/03/2016	01:55	2.2	W	18/03/2016	08:25	3.6	NW	18/03/2016	14:55	2.2	ENE
18/03/2016	02:00	2.2	WNW	18/03/2016	08:30	4	NE	18/03/2016	15:00	0.9	ENE
18/03/2016	02:05	2.7	W	18/03/2016	08:35	2.7	NE	18/03/2016	15:05	1.3	NNE
18/03/2016	02:10	1.8	WNW	18/03/2016	08:40	3.6	ENE	18/03/2016	15:10	1.8	NW
18/03/2016	02:15	1.3	N	18/03/2016	08:45	2.7	ENE	18/03/2016	15:15	1.8	E
18/03/2016	02:20	2.2	NNE	18/03/2016	08:50	3.6	ENE	18/03/2016	15:20	1.8	NE
18/03/2016	02:25	1.8	NW	18/03/2016	08:55	3.1	ENE	18/03/2016	15:25	1.3	NE
18/03/2016	02:30	1.8	NNE	18/03/2016	09:00	2.7	NE	18/03/2016	15:30	1.8	E
18/03/2016	02:35	2.7	ENE	18/03/2016	09:05	2.7	WNW	18/03/2016	15:35	2.2	NE
18/03/2016	02:40	2.2	N	18/03/2016	09:10	2.2	W	18/03/2016	15:40	2.2	NE
18/03/2016	02:45	1.3	NW	18/03/2016	09:15	3.1	N	18/03/2016	15:45	2.2	WNW
18/03/2016	02:50	2.2	E	18/03/2016	09:20	1.8	NNE	18/03/2016	15:50	1.3	NE
18/03/2016	02:55	1.3	E	18/03/2016	09:25	2.7	NE	18/03/2016	15:55	2.7	WNW
18/03/2016	03:00	1.3	NE	18/03/2016	09:30	3.6	WSW	18/03/2016	16:00	1.8	NNE
18/03/2016	03:05	0.9	NE	18/03/2016	09:35	1.8	NW	18/03/2016	16:05	2.2	ENE
18/03/2016	03:10	1.8	N	18/03/2016	09:40	1.3	W	18/03/2016	16:10	1.8	NE
18/03/2016	03:15	1.8	ENE	18/03/2016	09:45	1.8	N	18/03/2016	16:15	1.8	N
18/03/2016	03:20	1.8	N	18/03/2016	09:50	2.2	WNW	18/03/2016	16:20	1.3	ENE
18/03/2016	03:25	1.8	N	18/03/2016	09:55	2.2	N	18/03/2016	16:25	1.8	W
18/03/2016	03:30	1.8	WSW	18/03/2016	10:00	2.2	W	18/03/2016	16:30	1.8	N
18/03/2016	03:35	3.1	WSW	18/03/2016	10:05	1.8	WNW	18/03/2016	16:35	2.7	N
18/03/2016	03:40	1.3	W	18/03/2016	10:10	1.8	N	18/03/2016	16:40	2.7	NNE
18/03/2016	03:45	1.8	WSW	18/03/2016	10:15	2.7	NW	18/03/2016	16:45	2.7	WNW
18/03/2016	03:50	2.7	E	18/03/2016	10:20	1.8	NNW	18/03/2016	16:50	3.1	WNW
18/03/2016	03:55	2.7	E	18/03/2016	10:25	1.8	NW	18/03/2016	16:55	3.1	NE
18/03/2016	04:00	2.7	N	18/03/2016	10:30	2.7	W	18/03/2016	17:00	2.2	ENE
18/03/2016	04:05	2.2	N	18/03/2016	10:35	2.2	NNW	18/03/2016	17:05	3.6	WSW
18/03/2016	04:10	3.1	W	18/03/2016	10:40	2.2	N	18/03/2016	17:10	3.1	ENE
18/03/2016	04:15	4	WNW	18/03/2016	10:45	2.2	NNW	18/03/2016	17:15	2.7	ENE
18/03/2016	04:20	2.2	ENE	18/03/2016	10:50	2.2	NNE	18/03/2016	17:20	3.6	WNW
18/03/2016	04:25	1.8	N	18/03/2016	10:55	3.1	WNW	18/03/2016	17:25	3.1	WNW
18/03/2016	04:30	1.8	N	18/03/2016	11:00	1.8	NNW	18/03/2016	17:30	3.1	W
18/03/2016	04:35	1.3	NNE	18/03/2016	11:05	1.3	NNE	18/03/2016	17:35	2.2	WNW
18/03/2016	04:40	2.2	NNW	18/03/2016	11:10	1.8	NE	18/03/2016	17:40	4	W
18/03/2016	04:45	1.8	W	18/03/2016	11:15	2.2	N	18/03/2016	17:45	3.6	WSW
18/03/2016	04:50	1.8	ENE	18/03/2016	11:20	2.2	E	18/03/2016	17:50	2.7	NW
18/03/2016	04:55	2.2	E	18/03/2016	11:25	2.7	NE	18/03/2016	17:55	3.1	WSW
18/03/2016	05:00	0.9	SW	18/03/2016	11:30	1.8	NNE	18/03/2016	18:00	1.8	N
18/03/2016	05:05	0.9	ENE	18/03/2016	11:35	1.8	NW	18/03/2016	18:05	0.9	NW
18/03/2016	05:10	2.2	WNW	18/03/2016	11:40	1.8	W	18/03/2016	18:10	1.8	W
18/03/2016	05:15	1.8	NE	18/03/2016	11:45	1.8	NE	18/03/2016	18:15	1.8	ENE
18/03/2016	05:20	3.1	NW	18/03/2016	11:50	1.8	W	18/03/2016	18:20	2.2	E
18/03/2016	05:25	2.2	W	18/03/2016	11:55	1.8	ENE	18/03/2016	18:25	0.9	SW
18/03/2016	05:30	0.9	W	18/03/2016	12:00	2.2	E	18/03/2016	18:30	0.9	ENE
18/03/2016	05:35	2.2	WNW	18/03/2016	12:05	0.9	SW	18/03/2016	18:35	2.2	WNW
18/03/2016	05:40	1.8	W	18/03/2016	12:10	0.9	ENE	18/03/2016	18:40	1.8	NE
18/03/2016	05:45	2.2	ENE	18/03/2016	12:15	2.2	WNW	18/03/2016	18:45	3.1	NW
18/03/2016	05:50	1.8	NW	18/03/2016	12:20	1.8	NE	18/03/2016	18:50	2.2	W
18/03/2016	05:55	1.8	NNW	18/03/2016	12:25	3.1	NW	18/03/2016	18:55	0.9	W
18/03/2016	06:00	2.2	WNW	18/03/2016	12:30	2.2	W	18/03/2016	19:00	2.2	WNW
18/03/2016	06:05	3.1	WNW	18/03/2016	12:35	0.9	W	18/03/2016	19:05	1.8	W
18/03/2016	06:10	2.2	E	18/03/2016	12:40	2.2	WNW	18/03/2016	19:10	2.2	ENE
18/03/2016	06:15	1.3	ENE	18/03/2016	12:45	1.8	W	18/03/2016	19:15	1.8	NW
18/03/2016	06:20	3.6	W	18/03/2016	12:50	2.2	ENE	18/03/2016	19:20	1.8	NNW
18/03/2016	06:25	3.1	E	18/03/2016	12:55	1.8	NW	18/03/2016	19:25	2.2	WNW
18/03/2016	06:30	2.7	ENE	18/03/2016	13:00	1.8	NNW	18/03/2016	19:30	3.1	WNW
18/03/2016	06:35	4	E	18/03/2016	13:05	2.2	WNW	18/03/2016	19:35	2.2	E
18/03/2016	06:40	3.1	E	18/03/2016	13:10	3.1	WNW	18/03/2016	19:40	1.3	ENE
18/03/2016	06:45	3.6	ENE	18/03/2016	13:15	2.2	E	18/03/2016	19:45	1.8	ENE
18/03/2016	06:50	3.1	ENE	18/03/2016	13:20	1.3	ENE	18/03/2016	19:50	1.8	W
18/03/2016	06:55	3.6	ENE	18/03/2016	13:25	1.8	N	18/03/2016	19:55	2.2	E
18/03/2016	07:00	4	ENE	18/03/2016	13:30	1.3	E	18/03/2016	20:00	2.2	ENE
18/03/2016	07:05	3.1	NE	18/03/2016	13:35	1.8	WNW	18/03/2016	20:05	2.2	NE
18/03/2016	07:10	3.1	ENE	18/03/2016	13:40	1.3	NW	18/03/2016	20:10	2.2	N
18/03/2016	07:15	2.7	NE	18/03/2016	13:45	3.1	WSW	18/03/2016	20:15	2.7	ENE
18/03/2016	07:20	3.1	ENE	18/03/2016	13:50	1.3	N	18/03/2016	20:20	1.8	ENE
18/03/2016	07:25	3.1	ENE	18/03/2016	13:55	1.8	WNW	18/03/2016	20:25	2.2	ENE
18/03/2016	07:30	3.6	NNW	18/03/2016	14:00	1.3	NE	18/03/2016	20:30	3.1	ENE
18/03/2016	07:35	3.1	NE	18/03/2016	14:05	2.2	SW	18/03/2016	20:35	2.7	NE
18/03/2016	07:40	4	NE	18/03/2016	14:10	0.9	N	18/03/2016	20:40	2.7	NE
18/03/2016	07:45	3.1	NE	18/03/2016	14:15	1.8	NE	18/03/2016	20:45	3.6	N
18/03/2016	07:50	3.1	NE	18/03/2016	14:20	1.3	SW	18/03/2016	20:50	3.1	W
18/03/2016	07:55	3.1	ENE	18/03/2016	14:25	1.3	SSE	18/03/2016	20:55	2.7	W
18/03/2016	08:00	2.2	NE	18/03/2016	14:30	0.9	W	18/03/2016	21:00	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
18/03/2016	21:05	2.2	NNE
18/03/2016	21:10	1.8	NNW
18/03/2016	21:15	2.7	NNW
18/03/2016	21:20	1.8	NE
18/03/2016	21:25	1.8	NNE
18/03/2016	21:30	3.1	W
18/03/2016	21:35	3.6	W
18/03/2016	21:40	1.8	NW
18/03/2016	21:45	2.2	W
18/03/2016	21:50	1.8	NW
18/03/2016	21:55	1.8	W
18/03/2016	22:00	1.8	ENE
18/03/2016	22:05	2.2	E
18/03/2016	22:10	0.9	SW
18/03/2016	22:15	0.9	ENE
18/03/2016	22:20	2.2	WNW
18/03/2016	22:25	1.8	NE
18/03/2016	22:30	3.1	NW
18/03/2016	22:35	2.2	W
18/03/2016	22:40	0.9	W
18/03/2016	22:45	2.2	WNW
18/03/2016	22:50	1.8	W
18/03/2016	22:55	2.2	ENE
18/03/2016	23:00	1.8	NW
18/03/2016	23:05	1.8	NNW
18/03/2016	23:10	2.2	WNW
18/03/2016	23:15	3.1	WNW
18/03/2016	23:20	2.2	E
18/03/2016	23:25	1.3	ENE
18/03/2016	23:30	1.8	W
18/03/2016	23:35	1.3	N
18/03/2016	23:40	1.8	W
18/03/2016	23:45	0.9	W
18/03/2016	23:50	1.3	N
18/03/2016	23:55	1.8	NE
19/03/2016	00:00	1.8	NW
19/03/2016	00:05	1.8	ENE
19/03/2016	00:10	1.8	NE
19/03/2016	00:15	2.7	W
19/03/2016	00:20	1.8	WNW
19/03/2016	00:25	2.2	NNW
19/03/2016	00:30	2.7	W
19/03/2016	00:35	1.8	WNW
19/03/2016	00:40	2.2	W
19/03/2016	00:45	1.3	E
19/03/2016	00:50	1.8	NW
19/03/2016	00:55	2.7	SSW
19/03/2016	01:00	1.3	WNW
19/03/2016	01:05	2.7	W
19/03/2016	01:10	2.2	WSW
19/03/2016	01:15	1.8	NE
19/03/2016	01:20	1.8	N
19/03/2016	01:25	3.1	W
19/03/2016	01:30	1.8	W
19/03/2016	01:35	2.2	W
19/03/2016	01:40	1.3	NNE
19/03/2016	01:45	0.9	ENE
19/03/2016	01:50	0.9	WNW
19/03/2016	01:55	2.2	W
19/03/2016	02:00	1.3	W
19/03/2016	02:05	1.3	WSW
19/03/2016	02:10	0.9	WSW
19/03/2016	02:15	0.9	WNW
19/03/2016	02:20	1.8	WSW
19/03/2016	02:25	1.3	W
19/03/2016	02:30	0.9	W
19/03/2016	02:35	1.3	W
19/03/2016	02:40	1.3	WNW
19/03/2016	02:45	1.8	SW
19/03/2016	02:50	1.8	WNW
19/03/2016	02:55	1.8	W
19/03/2016	03:00	0.9	SW
19/03/2016	03:05	0.9	WSW
19/03/2016	03:10	1.3	WSW
19/03/2016	03:15	1.8	WSW
19/03/2016	03:20	0.9	NW
19/03/2016	03:25	0.9	NNE
19/03/2016	03:30	0.9	ESE
19/03/2016	03:35	1.3	W
19/03/2016	03:40	1.3	NNE
19/03/2016	03:45	1.8	ENE
19/03/2016	03:50	1.8	NE
19/03/2016	03:55	2.7	W
19/03/2016	04:00	1.8	WNW
19/03/2016	04:05	2.2	NNW
19/03/2016	04:10	2.7	W
19/03/2016	04:15	1.8	WNW
19/03/2016	04:20	2.2	W
19/03/2016	04:25	1.3	E
19/03/2016	04:30	1.8	NW
19/03/2016	04:35	2.7	SSW
19/03/2016	04:40	1.3	WNW
19/03/2016	04:45	2.7	W
19/03/2016	04:50	2.2	WSW
19/03/2016	04:55	1.8	NE
19/03/2016	05:00	1.8	N
19/03/2016	05:05	3.1	W
19/03/2016	05:10	2.7	WNW
19/03/2016	05:15	1.3	WNW
19/03/2016	05:20	1.3	WNW
19/03/2016	05:25	1.3	NE
19/03/2016	05:30	1.3	ENE
19/03/2016	05:35	1.8	WNW
19/03/2016	05:40	0.9	NE
19/03/2016	05:45	1.8	ENE
19/03/2016	05:50	1.8	ENE
19/03/2016	05:55	2.2	NNE
19/03/2016	06:00	1.8	N
19/03/2016	06:05	1.8	NE
19/03/2016	06:10	1.8	E
19/03/2016	06:15	2.2	NE
19/03/2016	06:20	2.2	NE
19/03/2016	06:25	2.2	NE
19/03/2016	06:30	4	WSW
19/03/2016	06:35	2.7	NE
19/03/2016	06:40	2.2	N
19/03/2016	06:45	2.7	E
19/03/2016	06:50	1.3	NE
19/03/2016	06:55	2.2	NNW
19/03/2016	07:00	1.3	E
19/03/2016	07:05	1.8	NE
19/03/2016	07:10	2.2	N
19/03/2016	07:15	2.2	N
19/03/2016	07:20	2.2	ESE
19/03/2016	07:25	1.3	ENE
19/03/2016	07:30	1.8	ENE
19/03/2016	07:35	1.8	NE
19/03/2016	07:40	2.7	W
19/03/2016	07:45	1.8	WNW
19/03/2016	07:50	2.2	NNW
19/03/2016	07:55	2.7	W
19/03/2016	08:00	1.8	WNW
19/03/2016	08:05	2.2	W
19/03/2016	08:10	1.3	E
19/03/2016	08:15	1.8	NW
19/03/2016	08:20	2.7	SSW
19/03/2016	08:25	1.3	WNW
19/03/2016	08:30	2.7	W
19/03/2016	08:35	2.2	WSW
19/03/2016	08:40	1.8	NE
19/03/2016	08:45	1.8	N
19/03/2016	08:50	3.1	W
19/03/2016	08:55	1.3	NE
19/03/2016	09:00	1.8	ENE
19/03/2016	09:05	2.2	NNE
19/03/2016	09:10	2.2	ENE
19/03/2016	09:15	1.8	N
19/03/2016	09:20	2.2	E
19/03/2016	09:25	1.8	ENE
19/03/2016	09:30	1.8	NNE
19/03/2016	09:35	1.8	NNW
19/03/2016	09:40	0.9	WNW
19/03/2016	09:45	0.9	NW
19/03/2016	09:50	1.8	W
19/03/2016	09:55	1.8	E
19/03/2016	10:00	1.3	ENE
19/03/2016	10:05	3.6	NE
19/03/2016	10:10	2.2	E
19/03/2016	10:15	1.8	E
19/03/2016	10:20	3.1	NW
19/03/2016	10:25	2.7	NNE
19/03/2016	10:30	2.7	NNW
19/03/2016	10:35	3.1	NE
19/03/2016	10:40	4.9	WSW
19/03/2016	10:45	3.6	WNW
19/03/2016	10:50	2.7	WNW
19/03/2016	10:55	2.7	WNW
19/03/2016	11:00	2.7	NE
19/03/2016	11:05	1.8	WNW
19/03/2016	11:10	2.7	WNW
19/03/2016	11:15	3.6	W
19/03/2016	11:20	2.2	W
19/03/2016	11:25	2.7	W
19/03/2016	11:30	3.6	W
19/03/2016	11:35	1.8	W
19/03/2016	11:40	1.8	ENE
19/03/2016	11:45	1.8	NE
19/03/2016	11:50	2.7	W
19/03/2016	11:55	1.8	WNW
19/03/2016	12:00	2.2	NNW
19/03/2016	12:05	2.7	W
19/03/2016	12:10	1.8	WNW
19/03/2016	12:15	2.2	W
19/03/2016	12:20	1.3	E
19/03/2016	12:25	1.8	NW
19/03/2016	12:30	2.7	SSW
19/03/2016	12:35	1.3	WNW
19/03/2016	12:40	2.7	W
19/03/2016	12:45	2.2	WSW
19/03/2016	12:50	1.8	NE
19/03/2016	12:55	1.8	N
19/03/2016	13:00	3.1	W
19/03/2016	13:05	1.3	NE
19/03/2016	13:10	1.3	N
19/03/2016	13:15	2.2	ENE
19/03/2016	13:20	2.2	ENE
19/03/2016	13:25	1.8	NW
19/03/2016	13:30	2.7	WNW
19/03/2016	13:35	2.7	NNW
19/03/2016	13:40	2.2	NNW
19/03/2016	13:45	1.3	ENE
19/03/2016	13:50	2.2	W
19/03/2016	13:55	1.3	WNW
19/03/2016	14:00	2.2	W
19/03/2016	14:05	2.2	WNW
19/03/2016	14:10	2.2	W
19/03/2016	14:15	2.7	W
19/03/2016	14:20	2.2	W
19/03/2016	14:25	1.3	N
19/03/2016	14:30	1.3	NNE
19/03/2016	14:35	1.8	NNW
19/03/2016	14:40	1.3	W
19/03/2016	14:45	1.3	W
19/03/2016	14:50	2.2	W
19/03/2016	14:55	1.8	NW
19/03/2016	15:00	2.2	SW
19/03/2016	15:05	2.2	NNE
19/03/2016	15:10	2.7	W
19/03/2016	15:15	3.1	WSW
19/03/2016	15:20	1.8	W
19/03/2016	15:25	1.8	W
19/03/2016	15:30	1.8	ENE
19/03/2016	15:35	1.3	WSW
19/03/2016	15:40	2.2	WSW
19/03/2016	15:45	1.8	WNW
19/03/2016	15:50	1.8	N
19/03/2016	15:55	2.7	W
19/03/2016	16:00	1.8	ENE
19/03/2016	16:05	1.8	NE
19/03/2016	16:10	2.7	W
19/03/2016	16:15	1.8	WNW
19/03/2016	16:20	2.2	NNW
19/03/2016	16:25	2.7	W
19/03/2016	16:30	1.8	WNW

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
19/03/2016	16:35	2.2	W	19/03/2016	23:05	2.2	W	20/03/2016	05:35	1.8	WNW
19/03/2016	16:40	1.3	E	19/03/2016	23:10	1.3	E	20/03/2016	05:40	1.3	W
19/03/2016	16:45	1.8	NW	19/03/2016	23:15	1.8	NW	20/03/2016	05:45	1.8	WNW
19/03/2016	16:50	2.7	SSW	19/03/2016	23:20	2.7	SSW	20/03/2016	05:50	1.3	NNW
19/03/2016	16:55	1.3	WNW	19/03/2016	23:25	1.3	WNW	20/03/2016	05:55	1.8	W
19/03/2016	17:00	2.7	W	19/03/2016	23:30	2.7	W	20/03/2016	06:00	0.9	W
19/03/2016	17:05	2.2	WSW	19/03/2016	23:35	2.2	WSW	20/03/2016	06:05	2.2	W
19/03/2016	17:10	1.8	NE	19/03/2016	23:40	1.8	NE	20/03/2016	06:10	2.2	W
19/03/2016	17:15	1.8	N	19/03/2016	23:45	1.8	N	20/03/2016	06:15	1.8	W
19/03/2016	17:20	3.1	W	19/03/2016	23:50	3.1	W	20/03/2016	06:20	1.8	WNW
19/03/2016	17:25	0.9	NW	19/03/2016	23:55	2.7	WSW	20/03/2016	06:25	1.8	ENE
19/03/2016	17:30	0.9	NE	20/03/2016	00:00	2.7	WSW	20/03/2016	06:30	0.9	NE
19/03/2016	17:35	1.8	W	20/03/2016	00:05	2.2	W	20/03/2016	06:35	2.2	NNW
19/03/2016	17:40	1.3	N	20/03/2016	00:10	2.2	E	20/03/2016	06:40	1.8	E
19/03/2016	17:45	1.8	NW	20/03/2016	00:15	1.8	E	20/03/2016	06:45	1.8	NNE
19/03/2016	17:50	1.3	NNE	20/03/2016	00:20	2.2	NW	20/03/2016	06:50	1.8	N
19/03/2016	17:55	1.8	WNW	20/03/2016	00:25	1.8	ENE	20/03/2016	06:55	2.7	NW
19/03/2016	18:00	1.3	E	20/03/2016	00:30	2.2	W	20/03/2016	07:00	2.7	W
19/03/2016	18:05	0.9	N	20/03/2016	00:35	2.7	W	20/03/2016	07:05	2.2	N
19/03/2016	18:10	2.7	NW	20/03/2016	00:40	3.1	W	20/03/2016	07:10	1.3	NNE
19/03/2016	18:15	2.2	NW	20/03/2016	00:45	1.8	WNW	20/03/2016	07:15	0.9	NNE
19/03/2016	18:20	0.9	NNE	20/03/2016	00:50	2.2	W	20/03/2016	07:20	0.9	WNW
19/03/2016	18:25	1.8	WNW	20/03/2016	00:55	2.2	W	20/03/2016	07:25	1.3	NNE
19/03/2016	18:30	0.9	WNW	20/03/2016	01:00	1.8	SSE	20/03/2016	07:30	1.8	NE
19/03/2016	18:35	1.3	WSW	20/03/2016	01:05	2.2	WSW	20/03/2016	07:35	2.7	W
19/03/2016	18:40	1.8	WNW	20/03/2016	01:10	1.3	W	20/03/2016	07:40	3.1	W
19/03/2016	18:45	0.9	NE	20/03/2016	01:15	0.9	W	20/03/2016	07:45	3.1	WSW
19/03/2016	18:50	1.8	WSW	20/03/2016	01:20	2.2	WNW	20/03/2016	07:50	3.1	SW
19/03/2016	18:55	2.2	W	20/03/2016	01:25	2.7	WNW	20/03/2016	07:55	1.3	WNW
19/03/2016	19:00	2.2	W	20/03/2016	01:30	1.8	NNE	20/03/2016	08:00	1.3	WNW
19/03/2016	19:05	0.9	NW	20/03/2016	01:35	1.8	WNW	20/03/2016	08:05	2.2	W
19/03/2016	19:10	1.3	WNW	20/03/2016	01:40	2.2	WNW	20/03/2016	08:10	1.3	NE
19/03/2016	19:15	2.2	NW	20/03/2016	01:45	1.8	NE	20/03/2016	08:15	1.3	W
19/03/2016	19:20	1.8	WNW	20/03/2016	01:50	1.8	NE	20/03/2016	08:20	1.8	W
19/03/2016	19:25	2.2	WSW	20/03/2016	01:55	2.2	WNW	20/03/2016	08:25	1.3	NNE
19/03/2016	19:30	1.8	W	20/03/2016	02:00	1.8	NE	20/03/2016	08:30	1.8	ENE
19/03/2016	19:35	1.3	WSW	20/03/2016	02:05	2.2	N	20/03/2016	08:35	2.2	N
19/03/2016	19:40	0.9	WNW	20/03/2016	02:10	3.1	W	20/03/2016	08:40	2.2	E
19/03/2016	19:45	0.9	NW	20/03/2016	02:15	1.3	N	20/03/2016	08:45	1.8	E
19/03/2016	19:50	1.3	NE	20/03/2016	02:20	1.8	NW	20/03/2016	08:50	2.2	NW
19/03/2016	19:55	1.8	NE	20/03/2016	02:25	2.2	WNW	20/03/2016	08:55	1.8	ENE
19/03/2016	20:00	1.8	NNE	20/03/2016	02:30	1.3	NNW	20/03/2016	09:00	2.2	W
19/03/2016	20:05	2.2	W	20/03/2016	02:35	2.2	WNW	20/03/2016	09:05	2.7	W
19/03/2016	20:10	2.7	WSW	20/03/2016	02:40	2.2	W	20/03/2016	09:10	3.1	W
19/03/2016	20:15	4	WSW	20/03/2016	02:45	1.8	W	20/03/2016	09:15	1.8	WNW
19/03/2016	20:20	1.8	NNW	20/03/2016	02:50	1.8	W	20/03/2016	09:20	2.2	W
19/03/2016	20:25	1.8	WNW	20/03/2016	02:55	1.8	NE	20/03/2016	09:25	2.2	W
19/03/2016	20:30	1.8	ENE	20/03/2016	03:00	1.3	WNW	20/03/2016	09:30	1.8	SSE
19/03/2016	20:35	1.8	NE	20/03/2016	03:05	1.3	E	20/03/2016	09:35	2.2	WSW
19/03/2016	20:40	2.7	W	20/03/2016	03:10	1.3	WNW	20/03/2016	09:40	1.3	W
19/03/2016	20:45	1.8	WNW	20/03/2016	03:15	1.3	NE	20/03/2016	09:45	0.9	W
19/03/2016	20:50	2.2	NNW	20/03/2016	03:20	1.3	NW	20/03/2016	09:50	2.2	WNW
19/03/2016	20:55	2.7	W	20/03/2016	03:25	1.8	WNW	20/03/2016	09:55	2.7	WNW
19/03/2016	21:00	1.8	WNW	20/03/2016	03:30	1.3	N	20/03/2016	10:00	1.8	NNE
19/03/2016	21:05	2.2	W	20/03/2016	03:35	2.2	WNW	20/03/2016	10:05	1.8	WNW
19/03/2016	21:10	1.3	E	20/03/2016	03:40	2.2	W	20/03/2016	10:10	1.8	NNW
19/03/2016	21:15	1.8	NW	20/03/2016	03:45	1.8	WSW	20/03/2016	10:15	1.8	NW
19/03/2016	21:20	2.7	SSW	20/03/2016	03:50	0.9	NW	20/03/2016	10:20	1.8	ENE
19/03/2016	21:25	1.3	WNW	20/03/2016	03:55	2.2	E	20/03/2016	10:25	0.9	W
19/03/2016	21:30	2.7	W	20/03/2016	04:00	1.8	E	20/03/2016	10:30	1.3	NNW
19/03/2016	21:35	2.2	WSW	20/03/2016	04:05	2.2	NW	20/03/2016	10:35	1.3	N
19/03/2016	21:40	1.8	NE	20/03/2016	04:10	1.8	ENE	20/03/2016	10:40	1.8	NW
19/03/2016	21:45	1.8	N	20/03/2016	04:15	2.2	W	20/03/2016	10:45	1.8	NE
19/03/2016	21:50	3.1	W	20/03/2016	04:20	2.7	W	20/03/2016	10:50	1.8	NE
19/03/2016	21:55	2.2	E	20/03/2016	04:25	3.1	W	20/03/2016	10:55	2.2	W
19/03/2016	22:00	1.3	NE	20/03/2016	04:30	1.8	WNW	20/03/2016	11:00	2.2	WNW
19/03/2016	22:05	2.7	WSW	20/03/2016	04:35	2.2	W	20/03/2016	11:05	1.8	E
19/03/2016	22:10	1.8	W	20/03/2016	04:40	2.2	W	20/03/2016	11:10	2.2	NE
19/03/2016	22:15	1.8	W	20/03/2016	04:45	1.8	SSE	20/03/2016	11:15	3.6	N
19/03/2016	22:20	1.8	W	20/03/2016	04:50	2.2	WSW	20/03/2016	11:20	2.7	NE
19/03/2016	22:25	1.8	NW	20/03/2016	04:55	1.3	W	20/03/2016	11:25	2.7	WSW
19/03/2016	22:30	1.8	ENE	20/03/2016	05:00	0.9	W	20/03/2016	11:30	2.2	W
19/03/2016	22:35	1.8	NE	20/03/2016	05:05	2.2	WNW	20/03/2016	11:35	2.2	W
19/03/2016	22:40	2.7	W	20/03/2016	05:10	2.7	WNW	20/03/2016	11:40	2.7	W
19/03/2016	22:45	1.8	WNW	20/03/2016	05:15	1.8	NNE	20/03/2016	11:45	4.5	W
19/03/2016	22:50	2.2	NNW	20/03/2016	05:20	1.8	WNW	20/03/2016	11:50	3.6	WSW
19/03/2016	22:55	2.7	W	20/03/2016	05:25	2.2	WSW	20/03/2016	11:55	4.9	W
19/03/2016	23:00	1.8	WNW	20/03/2016	05:30	1.3	W	20/03/2016	12:00	4	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
20/03/2016	12:05	2.7	W	20/03/2016	18:35	0.9	NNW	21/03/2016	01:05	1.3	WSW
20/03/2016	12:10	3.6	W	20/03/2016	18:40	1.3	NNE	21/03/2016	01:10	0.9	W
20/03/2016	12:15	3.1	W	20/03/2016	18:45	1.3	E	21/03/2016	01:15	0.4	W
20/03/2016	12:20	1.8	NNW	20/03/2016	18:50	0.9	E	21/03/2016	01:20	0.4	W
20/03/2016	12:25	2.2	E	20/03/2016	18:55	1.8	NNE	21/03/2016	01:25	0.4	W
20/03/2016	12:30	1.8	E	20/03/2016	19:00	1.3	ENE	21/03/2016	01:30	0.9	W
20/03/2016	12:35	2.2	NW	20/03/2016	19:05	1.8	NE	21/03/2016	01:35	0.9	W
20/03/2016	12:40	1.8	ENE	20/03/2016	19:10	1.8	NE	21/03/2016	01:40	1.8	ENE
20/03/2016	12:45	2.2	W	20/03/2016	19:15	1.8	ENE	21/03/2016	01:45	0.4	NE
20/03/2016	12:50	2.7	W	20/03/2016	19:20	1.3	E	21/03/2016	01:50	0.4	NE
20/03/2016	12:55	3.1	W	20/03/2016	19:25	1.3	NE	21/03/2016	01:55	0.4	NE
20/03/2016	13:00	1.8	WNW	20/03/2016	19:30	2.2	E	21/03/2016	02:00	0.4	NE
20/03/2016	13:05	2.2	W	20/03/2016	19:35	1.8	E	21/03/2016	02:05	0.4	NE
20/03/2016	13:10	2.2	W	20/03/2016	19:40	2.2	NW	21/03/2016	02:10	1.3	W
20/03/2016	13:15	1.8	SSE	20/03/2016	19:45	1.8	ENE	21/03/2016	02:15	0.4	W
20/03/2016	13:20	2.2	WSW	20/03/2016	19:50	2.2	W	21/03/2016	02:20	0.4	ESE
20/03/2016	13:25	1.3	W	20/03/2016	19:55	2.7	W	21/03/2016	02:25	1.8	E
20/03/2016	13:30	0.9	W	20/03/2016	20:00	3.1	W	21/03/2016	02:30	0.9	ESE
20/03/2016	13:35	2.2	WNW	20/03/2016	20:05	1.8	WNW	21/03/2016	02:35	1.8	E
20/03/2016	13:40	2.7	WNW	20/03/2016	20:10	2.2	W	21/03/2016	02:40	1.3	E
20/03/2016	13:45	1.8	NNE	20/03/2016	20:15	2.2	W	21/03/2016	02:45	1.8	ENE
20/03/2016	13:50	1.8	WNW	20/03/2016	20:20	1.8	SSE	21/03/2016	02:50	0.9	ENE
20/03/2016	13:55	2.7	W	20/03/2016	20:25	2.2	WSW	21/03/2016	02:55	0.9	ENE
20/03/2016	14:00	3.1	W	20/03/2016	20:30	1.3	W	21/03/2016	03:00	0.9	ENE
20/03/2016	14:05	4	SW	20/03/2016	20:35	0.9	W	21/03/2016	03:05	0.9	ENE
20/03/2016	14:10	3.6	W	20/03/2016	20:40	2.2	WNW	21/03/2016	03:10	0.9	ENE
20/03/2016	14:15	3.6	W	20/03/2016	20:45	2.7	WNW	21/03/2016	03:15	0.9	WSW
20/03/2016	14:20	2.2	WSW	20/03/2016	20:50	1.8	NNE	21/03/2016	03:20	0.4	SW
20/03/2016	14:25	3.1	W	20/03/2016	20:55	1.8	WNW	21/03/2016	03:25	0.4	SSW
20/03/2016	14:30	2.7	WSW	20/03/2016	21:00	2.2	ENE	21/03/2016	03:30	0.4	SSW
20/03/2016	14:35	2.2	WSW	20/03/2016	21:05	3.1	ENE	21/03/2016	03:35	0.4	SSW
20/03/2016	14:40	2.2	W	20/03/2016	21:10	2.7	ENE	21/03/2016	03:40	1.3	WSW
20/03/2016	14:45	3.1	WNW	20/03/2016	21:15	3.6	ENE	21/03/2016	03:45	1.3	SW
20/03/2016	14:50	4.5	WSW	20/03/2016	21:20	1.8	NNE	21/03/2016	03:50	1.3	WSW
20/03/2016	14:55	2.2	W	20/03/2016	21:25	1.8	E	21/03/2016	03:55	1.3	WSW
20/03/2016	15:00	2.7	W	20/03/2016	21:30	2.2	NE	21/03/2016	04:00	0.9	W
20/03/2016	15:05	2.7	W	20/03/2016	21:35	2.7	E	21/03/2016	04:05	0.4	W
20/03/2016	15:10	3.1	W	20/03/2016	21:40	2.2	E	21/03/2016	04:10	0.4	W
20/03/2016	15:15	3.6	WSW	20/03/2016	21:45	1.3	ENE	21/03/2016	04:15	0.4	SW
20/03/2016	15:20	2.7	W	20/03/2016	21:50	1.3	E	21/03/2016	04:20	0.4	SW
20/03/2016	15:25	3.1	WNW	20/03/2016	21:55	0.9	NE	21/03/2016	04:25	0.4	SW
20/03/2016	15:30	3.1	W	20/03/2016	22:00	0.4	SSE	21/03/2016	04:30	0.4	SW
20/03/2016	15:35	2.7	SW	20/03/2016	22:05	0.9	W	21/03/2016	04:35	0.4	SW
20/03/2016	15:40	2.2	SW	20/03/2016	22:10	0.9	W	21/03/2016	04:40	0.4	SW
20/03/2016	15:45	3.1	WNW	20/03/2016	22:15	1.8	WSW	21/03/2016	04:45	0.4	SW
20/03/2016	15:50	2.2	WNW	20/03/2016	22:20	0.4	SW	21/03/2016	04:50	0.4	SW
20/03/2016	15:55	2.7	W	20/03/2016	22:25	0.9	E	21/03/2016	04:55	0.4	SW
20/03/2016	16:00	4.5	WSW	20/03/2016	22:30	0.9	E	21/03/2016	05:00	0.4	SW
20/03/2016	16:05	3.1	WSW	20/03/2016	22:35	0.9	E	21/03/2016	05:05	1.3	WSW
20/03/2016	16:10	2.2	SW	20/03/2016	22:40	0.9	E	21/03/2016	05:10	0.9	W
20/03/2016	16:15	2.2	E	20/03/2016	22:45	0.9	E	21/03/2016	05:15	0.4	W
20/03/2016	16:20	1.8	E	20/03/2016	22:50	0.9	E	21/03/2016	05:20	0.4	W
20/03/2016	16:25	2.2	NW	20/03/2016	22:55	0.9	E	21/03/2016	05:25	0.4	W
20/03/2016	16:30	1.8	ENE	20/03/2016	23:00	2.2	E	21/03/2016	05:30	0.9	W
20/03/2016	16:35	2.2	W	20/03/2016	23:05	1.8	E	21/03/2016	05:35	0.9	W
20/03/2016	16:40	2.7	W	20/03/2016	23:10	2.2	NW	21/03/2016	05:40	1.8	ENE
20/03/2016	16:45	3.1	W	20/03/2016	23:15	1.8	ENE	21/03/2016	05:45	0.4	NE
20/03/2016	16:50	1.8	WNW	20/03/2016	23:20	2.2	W	21/03/2016	05:50	0.4	NE
20/03/2016	16:55	2.2	W	20/03/2016	23:25	2.7	W	21/03/2016	05:55	0.4	NE
20/03/2016	17:00	2.2	W	20/03/2016	23:30	3.1	W	21/03/2016	06:00	0.4	NE
20/03/2016	17:05	1.8	SSE	20/03/2016	23:35	1.8	WNW	21/03/2016	06:05	0.4	NE
20/03/2016	17:10	2.2	WSW	20/03/2016	23:40	2.2	W	21/03/2016	06:10	1.3	W
20/03/2016	17:15	1.3	W	20/03/2016	23:45	2.2	W	21/03/2016	06:15	0.4	W
20/03/2016	17:20	0.9	W	20/03/2016	23:50	1.8	SSE	21/03/2016	06:20	0.4	ESE
20/03/2016	17:25	2.2	WNW	20/03/2016	23:55	2.2	WSW	21/03/2016	06:25	1.8	E
20/03/2016	17:30	2.7	WNW	21/03/2016	00:00	1.3	W	21/03/2016	06:30	0.9	ESE
20/03/2016	17:35	1.8	NNE	21/03/2016	00:05	0.4	E	21/03/2016	06:35	1.8	E
20/03/2016	17:40	1.8	WNW	21/03/2016	00:10	0.4	SSW	21/03/2016	06:40	0.4	E
20/03/2016	17:45	3.6	W	21/03/2016	00:15	0.4	SSW	21/03/2016	06:45	0.4	E
20/03/2016	17:50	3.6	W	21/03/2016	00:20	0.4	SSW	21/03/2016	06:50	0.4	E
20/03/2016	17:55	3.1	W	21/03/2016	00:25	0.4	SSW	21/03/2016	06:55	0.4	E
20/03/2016	18:00	2.2	W	21/03/2016	00:30	1.3	W	21/03/2016	07:00	0.4	E
20/03/2016	18:05	0.9	W	21/03/2016	00:35	1.3	WSW	21/03/2016	07:05	0.4	WSW
20/03/2016	18:10	0.9	W	21/03/2016	00:40	1.3	SW	21/03/2016	07:10	0.9	NE
20/03/2016	18:15	0.9	S	21/03/2016	00:45	1.3	SW	21/03/2016	07:15	0.9	NE
20/03/2016	18:20	0.9	ENE	21/03/2016	00:50	0.4	SW	21/03/2016	07:20	0.9	ENE
20/03/2016	18:25	0.9	E	21/03/2016	00:55	0.4	WSW	21/03/2016	07:25	0.9	ENE
20/03/2016	18:30	1.3	W	21/03/2016	01:00	1.3	WSW	21/03/2016	07:30	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
21/03/2016	07:35	1.3	ENE	21/03/2016	14:05	4	ENE	21/03/2016	20:35	0.4	ESE
21/03/2016	07:40	1.3	SSW	21/03/2016	14:10	3.6	E	21/03/2016	20:40	1.8	E
21/03/2016	07:45	1.3	NW	21/03/2016	14:15	4	ENE	21/03/2016	20:45	0.9	ESE
21/03/2016	07:50	1.3	ENE	21/03/2016	14:20	1.3	WSW	21/03/2016	20:50	1.8	E
21/03/2016	07:55	1.8	ENE	21/03/2016	14:25	0.9	W	21/03/2016	20:55	3.1	ENE
21/03/2016	08:00	2.2	ENE	21/03/2016	14:30	0.4	W	21/03/2016	21:00	3.1	ENE
21/03/2016	08:05	2.2	ENE	21/03/2016	14:35	0.4	W	21/03/2016	21:05	3.1	ENE
21/03/2016	08:10	2.2	ENE	21/03/2016	14:40	0.4	W	21/03/2016	21:10	4.5	ENE
21/03/2016	08:15	2.2	ENE	21/03/2016	14:45	0.9	W	21/03/2016	21:15	3.6	ENE
21/03/2016	08:20	1.3	NW	21/03/2016	14:50	0.9	W	21/03/2016	21:20	4.5	ENE
21/03/2016	08:25	1.3	ENE	21/03/2016	14:55	1.8	ENE	21/03/2016	21:25	3.6	ENE
21/03/2016	08:30	2.2	NE	21/03/2016	15:00	0.4	NE	21/03/2016	21:30	2.7	NE
21/03/2016	08:35	1.8	NE	21/03/2016	15:05	0.4	NE	21/03/2016	21:35	3.1	NE
21/03/2016	08:40	2.2	NE	21/03/2016	15:10	0.4	NE	21/03/2016	21:40	3.6	ENE
21/03/2016	08:45	3.1	ENE	21/03/2016	15:15	0.4	NE	21/03/2016	21:45	3.1	ENE
21/03/2016	08:50	4.5	ENE	21/03/2016	15:20	0.4	NE	21/03/2016	21:50	2.7	ENE
21/03/2016	08:55	4.5	E	21/03/2016	15:25	1.3	W	21/03/2016	21:55	2.7	NE
21/03/2016	09:00	4.5	ENE	21/03/2016	15:30	0.4	W	21/03/2016	22:00	3.1	NE
21/03/2016	09:05	5.4	ENE	21/03/2016	15:35	0.4	ESE	21/03/2016	22:05	3.6	ENE
21/03/2016	09:10	4.9	ENE	21/03/2016	15:40	1.8	E	21/03/2016	22:10	4	ENE
21/03/2016	09:15	6.3	ENE	21/03/2016	15:45	0.9	ESE	21/03/2016	22:15	2.7	ENE
21/03/2016	09:20	1.3	WSW	21/03/2016	15:50	1.8	E	21/03/2016	22:20	3.1	E
21/03/2016	09:25	0.9	W	21/03/2016	15:55	3.6	NNE	21/03/2016	22:25	2.7	ENE
21/03/2016	09:30	0.4	W	21/03/2016	16:00	2.2	E	21/03/2016	22:30	1.3	WSW
21/03/2016	09:35	0.4	W	21/03/2016	16:05	4	NE	21/03/2016	22:35	0.9	W
21/03/2016	09:40	0.4	W	21/03/2016	16:10	3.6	NE	21/03/2016	22:40	0.4	W
21/03/2016	09:45	0.9	W	21/03/2016	16:15	2.7	ENE	21/03/2016	22:45	0.4	W
21/03/2016	09:50	0.9	W	21/03/2016	16:20	5.4	E	21/03/2016	22:50	0.4	W
21/03/2016	09:55	1.8	ENE	21/03/2016	16:25	4	ENE	21/03/2016	22:55	0.9	W
21/03/2016	10:00	0.4	NE	21/03/2016	16:30	5.4	ENE	21/03/2016	23:00	0.9	W
21/03/2016	10:05	0.4	NE	21/03/2016	16:35	4	NE	21/03/2016	23:05	1.8	ENE
21/03/2016	10:10	0.4	NE	21/03/2016	16:40	4	NNE	21/03/2016	23:10	0.4	NE
21/03/2016	10:15	0.4	NE	21/03/2016	16:45	5.4	ENE	21/03/2016	23:15	0.4	NE
21/03/2016	10:20	0.4	NE	21/03/2016	16:50	3.1	E	21/03/2016	23:20	0.4	NE
21/03/2016	10:25	1.3	W	21/03/2016	16:55	4	ENE	21/03/2016	23:25	0.4	NE
21/03/2016	10:30	0.4	W	21/03/2016	17:00	2.7	WNW	21/03/2016	23:30	0.4	NE
21/03/2016	10:35	0.4	ESE	21/03/2016	17:05	2.7	WNW	21/03/2016	23:35	1.3	W
21/03/2016	10:40	1.8	E	21/03/2016	17:10	2.7	ENE	21/03/2016	23:40	0.4	W
21/03/2016	10:45	0.9	ESE	21/03/2016	17:15	2.7	NE	21/03/2016	23:45	0.4	ESE
21/03/2016	10:50	1.8	E	21/03/2016	17:20	2.2	NW	21/03/2016	23:50	1.8	E
21/03/2016	10:55	4.9	ENE	21/03/2016	17:25	1.3	ENE	21/03/2016	23:55	0.9	ESE
21/03/2016	11:00	5.8	ENE	21/03/2016	17:30	2.2	N	22/03/2016	00:00	1.8	E
21/03/2016	11:05	6.7	ENE	21/03/2016	17:35	2.2	NE	22/03/2016	00:05	4.9	ENE
21/03/2016	11:10	4.9	ENE	21/03/2016	17:40	2.2	NW	22/03/2016	00:10	4.9	ENE
21/03/2016	11:15	5.8	E	21/03/2016	17:45	2.7	NE	22/03/2016	00:15	4.5	ENE
21/03/2016	11:20	4.5	ENE	21/03/2016	17:50	3.1	ENE	22/03/2016	00:20	3.6	ENE
21/03/2016	11:25	4.9	ENE	21/03/2016	17:55	1.8	N	22/03/2016	00:25	3.6	ENE
21/03/2016	11:30	4	NE	21/03/2016	18:00	3.6	NE	22/03/2016	00:30	4	ENE
21/03/2016	11:35	5.4	ENE	21/03/2016	18:05	2.7	NE	22/03/2016	00:35	3.6	ENE
21/03/2016	11:40	6.3	ENE	21/03/2016	18:10	4	NE	22/03/2016	00:40	3.6	ENE
21/03/2016	11:45	5.8	ENE	21/03/2016	18:15	3.6	NNE	22/03/2016	00:45	3.6	NE
21/03/2016	11:50	3.6	NNE	21/03/2016	18:20	1.8	NE	22/03/2016	00:50	3.6	ENE
21/03/2016	11:55	4.5	ENE	21/03/2016	18:25	2.7	ENE	22/03/2016	00:55	4.5	ENE
21/03/2016	12:00	4.5	ENE	21/03/2016	18:30	2.7	NNE	22/03/2016	01:00	4.5	ENE
21/03/2016	12:05	4.5	ENE	21/03/2016	18:35	3.1	ENE	22/03/2016	01:05	4.9	ENE
21/03/2016	12:10	4.5	E	21/03/2016	18:40	3.6	ENE	22/03/2016	01:10	3.6	ENE
21/03/2016	12:15	4	ENE	21/03/2016	18:45	3.1	NNE	22/03/2016	01:15	4.5	ENE
21/03/2016	12:20	5.8	ENE	21/03/2016	18:50	3.1	ENE	22/03/2016	01:20	4	ENE
21/03/2016	12:25	4.9	ENE	21/03/2016	18:55	2.7	NNE	22/03/2016	01:25	4.5	ENE
21/03/2016	12:30	5.8	NE	21/03/2016	19:00	2.7	NE	22/03/2016	01:30	4.5	ENE
21/03/2016	12:35	5.8	ENE	21/03/2016	19:05	3.1	NE	22/03/2016	01:35	4.9	ENE
21/03/2016	12:40	5.8	NE	21/03/2016	19:10	2.7	ENE	22/03/2016	01:40	4.5	ENE
21/03/2016	12:45	5.8	ENE	21/03/2016	19:15	3.6	ENE	22/03/2016	01:45	5.4	ENE
21/03/2016	12:50	5.4	ENE	21/03/2016	19:20	1.3	WSW	22/03/2016	01:50	4.5	ENE
21/03/2016	12:55	4.5	NE	21/03/2016	19:25	0.9	W	22/03/2016	01:55	4.5	ENE
21/03/2016	13:00	5.8	ENE	21/03/2016	19:30	0.4	W	22/03/2016	02:00	3.6	ENE
21/03/2016	13:05	5.4	ENE	21/03/2016	19:35	0.4	W	22/03/2016	02:05	3.6	ENE
21/03/2016	13:10	5.8	E	21/03/2016	19:40	0.4	W	22/03/2016	02:10	2.2	NE
21/03/2016	13:15	5.4	ENE	21/03/2016	19:45	0.9	W	22/03/2016	02:15	4	ENE
21/03/2016	13:20	5.4	ENE	21/03/2016	19:50	0.9	W	22/03/2016	02:20	3.6	ENE
21/03/2016	13:25	6.3	ENE	21/03/2016	19:55	1.8	ENE	22/03/2016	02:25	3.1	ENE
21/03/2016	13:30	5.4	NE	21/03/2016	20:00	0.4	NE	22/03/2016	02:30	3.1	ENE
21/03/2016	13:35	3.6	ENE	21/03/2016	20:05	0.4	NE	22/03/2016	02:35	2.7	E
21/03/2016	13:40	4	ENE	21/03/2016	20:10	0.4	NE	22/03/2016	02:40	3.6	ENE
21/03/2016	13:45	4.9	ENE	21/03/2016	20:15	0.4	NE	22/03/2016	02:45	3.1	E
21/03/2016	13:50	4.5	N	21/03/2016	20:20	0.4	NE	22/03/2016	02:50	4	ENE
21/03/2016	13:55	4.9	E	21/03/2016	20:25	1.3	W	22/03/2016	02:55	2.7	ENE
21/03/2016	14:00	4	ENE	21/03/2016	20:30	0.4	W	22/03/2016	03:00	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
22/03/2016	03:05	2.7	ENE	22/03/2016	09:35	3.6	NE	22/03/2016	16:05	3.6	ENE
22/03/2016	03:10	3.6	E	22/03/2016	09:40	4	NE	22/03/2016	16:10	4	NE
22/03/2016	03:15	3.6	ENE	22/03/2016	09:45	4	ENE	22/03/2016	16:15	2.7	NE
22/03/2016	03:20	3.6	ENE	22/03/2016	09:50	4.5	ENE	22/03/2016	16:20	3.1	ENE
22/03/2016	03:25	3.1	ENE	22/03/2016	09:55	5.8	NE	22/03/2016	16:25	2.2	NE
22/03/2016	03:30	2.7	ENE	22/03/2016	10:00	4	NE	22/03/2016	16:30	4	ENE
22/03/2016	03:35	2.2	E	22/03/2016	10:05	3.6	NE	22/03/2016	16:35	3.6	ENE
22/03/2016	03:40	2.7	ENE	22/03/2016	10:10	3.6	NE	22/03/2016	16:40	3.1	ENE
22/03/2016	03:45	2.7	ENE	22/03/2016	10:15	3.1	ENE	22/03/2016	16:45	3.1	ENE
22/03/2016	03:50	3.6	E	22/03/2016	10:20	3.6	ENE	22/03/2016	16:50	2.7	E
22/03/2016	03:55	2.2	E	22/03/2016	10:25	3.6	ENE	22/03/2016	16:55	3.6	ENE
22/03/2016	04:00	2.2	ENE	22/03/2016	10:30	3.6	ENE	22/03/2016	17:00	3.1	E
22/03/2016	04:05	0.4	ENE	22/03/2016	10:35	3.1	NE	22/03/2016	17:05	4	ENE
22/03/2016	04:10	0.9	NE	22/03/2016	10:40	3.1	ENE	22/03/2016	17:10	2.7	ENE
22/03/2016	04:15	1.8	ENE	22/03/2016	10:45	3.6	NE	22/03/2016	17:15	2.2	ENE
22/03/2016	04:20	2.2	ENE	22/03/2016	10:50	4	NE	22/03/2016	17:20	2.7	ENE
22/03/2016	04:25	1.3	NE	22/03/2016	10:55	3.6	ENE	22/03/2016	17:25	3.6	E
22/03/2016	04:30	1.3	ENE	22/03/2016	11:00	4.9	ENE	22/03/2016	17:30	3.6	ENE
22/03/2016	04:35	1.3	ENE	22/03/2016	11:05	4	ENE	22/03/2016	17:35	3.6	ENE
22/03/2016	04:40	1.8	ENE	22/03/2016	11:10	4	NNE	22/03/2016	17:40	3.1	ENE
22/03/2016	04:45	1.8	ENE	22/03/2016	11:15	5.4	NE	22/03/2016	17:45	2.7	ENE
22/03/2016	04:50	3.1	ENE	22/03/2016	11:20	5.8	NE	22/03/2016	17:50	2.2	E
22/03/2016	04:55	2.2	ENE	22/03/2016	11:25	2.2	NE	22/03/2016	17:55	2.7	ENE
22/03/2016	05:00	4	ENE	22/03/2016	11:30	4	ENE	22/03/2016	18:00	2.7	ENE
22/03/2016	05:05	2.7	ENE	22/03/2016	11:35	3.6	ENE	22/03/2016	18:05	3.6	E
22/03/2016	05:10	2.7	ENE	22/03/2016	11:40	3.1	ENE	22/03/2016	18:10	4.5	E
22/03/2016	05:15	4	ENE	22/03/2016	11:45	3.1	ENE	22/03/2016	18:15	4	ENE
22/03/2016	05:20	2.7	NE	22/03/2016	11:50	2.7	E	22/03/2016	18:20	4	ENE
22/03/2016	05:25	3.6	ENE	22/03/2016	11:55	3.6	ENE	22/03/2016	18:25	2.7	NE
22/03/2016	05:30	3.1	ENE	22/03/2016	12:00	3.1	E	22/03/2016	18:30	3.6	NE
22/03/2016	05:35	4	ENE	22/03/2016	12:05	4	ENE	22/03/2016	18:35	4.9	NE
22/03/2016	05:40	4.5	ENE	22/03/2016	12:10	2.7	ENE	22/03/2016	18:40	4.9	ENE
22/03/2016	05:45	3.1	ENE	22/03/2016	12:15	2.2	ENE	22/03/2016	18:45	3.6	ENE
22/03/2016	05:50	3.6	ENE	22/03/2016	12:20	2.7	ENE	22/03/2016	18:50	4.9	ENE
22/03/2016	05:55	2.2	ENE	22/03/2016	12:25	3.6	E	22/03/2016	18:55	3.6	ENE
22/03/2016	06:00	3.6	E	22/03/2016	12:30	3.6	ENE	22/03/2016	19:00	4.5	ENE
22/03/2016	06:05	2.2	NE	22/03/2016	12:35	3.6	ENE	22/03/2016	19:05	3.6	ENE
22/03/2016	06:10	4	ENE	22/03/2016	12:40	3.1	ENE	22/03/2016	19:10	2.2	ENE
22/03/2016	06:15	3.6	ENE	22/03/2016	12:45	2.7	ENE	22/03/2016	19:15	3.1	E
22/03/2016	06:20	3.1	ENE	22/03/2016	12:50	2.2	E	22/03/2016	19:20	1.3	E
22/03/2016	06:25	3.1	ENE	22/03/2016	12:55	2.7	ENE	22/03/2016	19:25	1.8	NNE
22/03/2016	06:30	2.7	E	22/03/2016	13:00	2.7	ENE	22/03/2016	19:30	1.8	NNE
22/03/2016	06:35	3.6	ENE	22/03/2016	13:05	3.6	E	22/03/2016	19:35	1.8	ENE
22/03/2016	06:40	3.1	E	22/03/2016	13:10	4.9	NE	22/03/2016	19:40	1.3	ENE
22/03/2016	06:45	4	ENE	22/03/2016	13:15	4	NE	22/03/2016	19:45	0.9	ENE
22/03/2016	06:50	2.7	ENE	22/03/2016	13:20	4.9	NE	22/03/2016	19:50	1.8	NNE
22/03/2016	06:55	2.2	ENE	22/03/2016	13:25	4.5	E	22/03/2016	19:55	0.4	E
22/03/2016	07:00	2.7	ENE	22/03/2016	13:30	4.9	NE	22/03/2016	20:00	0.9	E
22/03/2016	07:05	3.6	E	22/03/2016	13:35	4.5	NE	22/03/2016	20:05	1.3	NE
22/03/2016	07:10	3.6	ENE	22/03/2016	13:40	2.7	NE	22/03/2016	20:10	0.4	E
22/03/2016	07:15	3.6	ENE	22/03/2016	13:45	4	NE	22/03/2016	20:15	2.2	NE
22/03/2016	07:20	3.1	ENE	22/03/2016	13:50	4	ENE	22/03/2016	20:20	4	ENE
22/03/2016	07:25	2.7	ENE	22/03/2016	13:55	4.9	ENE	22/03/2016	20:25	3.6	ENE
22/03/2016	07:30	2.2	E	22/03/2016	14:00	6.3	ENE	22/03/2016	20:30	3.1	ENE
22/03/2016	07:35	2.7	ENE	22/03/2016	14:05	5.8	ENE	22/03/2016	20:35	3.1	ENE
22/03/2016	07:40	2.7	ENE	22/03/2016	14:10	4.9	NE	22/03/2016	20:40	2.7	E
22/03/2016	07:45	3.6	E	22/03/2016	14:15	4.9	NE	22/03/2016	20:45	3.6	ENE
22/03/2016	07:50	3.6	ENE	22/03/2016	14:20	4.5	ENE	22/03/2016	20:50	3.1	E
22/03/2016	07:55	3.6	ENE	22/03/2016	14:25	4.5	NE	22/03/2016	20:55	4	ENE
22/03/2016	08:00	3.6	E	22/03/2016	14:30	4.5	NE	22/03/2016	21:00	2.7	ENE
22/03/2016	08:05	2.7	ENE	22/03/2016	14:35	4	NE	22/03/2016	21:05	2.2	ENE
22/03/2016	08:10	2.7	ENE	22/03/2016	14:40	3.6	NE	22/03/2016	21:10	2.7	ENE
22/03/2016	08:15	3.1	E	22/03/2016	14:45	3.1	NE	22/03/2016	21:15	3.6	E
22/03/2016	08:20	2.7	NE	22/03/2016	14:50	2.7	NE	22/03/2016	21:20	3.6	ENE
22/03/2016	08:25	3.1	ENE	22/03/2016	14:55	2.7	NE	22/03/2016	21:25	3.6	ENE
22/03/2016	08:30	3.6	ENE	22/03/2016	15:00	4	NE	22/03/2016	21:30	3.1	ENE
22/03/2016	08:35	2.2	NE	22/03/2016	15:05	5.4	ENE	22/03/2016	21:35	2.7	ENE
22/03/2016	08:40	2.2	NNE	22/03/2016	15:10	4.9	ENE	22/03/2016	21:40	2.2	E
22/03/2016	08:45	2.2	NE	22/03/2016	15:15	4	NE	22/03/2016	21:45	2.7	ENE
22/03/2016	08:50	2.7	NE	22/03/2016	15:20	3.6	NNE	22/03/2016	21:50	2.7	ENE
22/03/2016	08:55	2.2	NE	22/03/2016	15:25	4	ENE	22/03/2016	21:55	3.6	E
22/03/2016	09:00	1.3	NE	22/03/2016	15:30	3.1	NE	22/03/2016	22:00	0.4	ESE
22/03/2016	09:05	1.8	ENE	22/03/2016	15:35	3.6	ENE	22/03/2016	22:05	0.4	ESE
22/03/2016	09:10	2.2	NE	22/03/2016	15:40	3.1	NE	22/03/2016	22:10	0.4	ESE
22/03/2016	09:15	3.1	NE	22/03/2016	15:45	2.2	NE	22/03/2016	22:15	0.4	ESE
22/03/2016	09:20	2.7	NE	22/03/2016	15:50	2.7	ENE	22/03/2016	22:20	0.4	ESE
22/03/2016	09:25	2.7	NE	22/03/2016	15:55	4	NE	22/03/2016	22:25	0.4	ESE
22/03/2016	09:30	3.1	NE	22/03/2016	16:00	2.7	E	22/03/2016	22:30	0.4	ESE

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
22/03/2016	22:35	0.4	ESE	23/03/2016	05:05	1.3	ENE	23/03/2016	11:35	0.4	W
22/03/2016	22:40	0.9	ESE	23/03/2016	05:10	0.4	ENE	23/03/2016	11:40	0.9	NNE
22/03/2016	22:45	1.3	E	23/03/2016	05:15	0.4	SE	23/03/2016	11:45	0.9	E
22/03/2016	22:50	0.9	ESE	23/03/2016	05:20	0.4	SE	23/03/2016	11:50	2.7	NNE
22/03/2016	22:55	0.4	ESE	23/03/2016	05:25	0.9	E	23/03/2016	11:55	0.9	NNE
22/03/2016	23:00	0.9	SE	23/03/2016	05:30	1.3	ENE	23/03/2016	12:00	2.2	ENE
22/03/2016	23:05	0.9	SE	23/03/2016	05:35	0.4	SE	23/03/2016	12:05	0.9	ENE
22/03/2016	23:10	1.3	E	23/03/2016	05:40	1.8	E	23/03/2016	12:10	0.4	E
22/03/2016	23:15	2.7	E	23/03/2016	05:45	1.3	NNE	23/03/2016	12:15	2.2	W
22/03/2016	23:20	0.9	ESE	23/03/2016	05:50	1.8	E	23/03/2016	12:20	1.3	N
22/03/2016	23:25	0.9	NE	23/03/2016	05:55	1.3	ENE	23/03/2016	12:25	1.3	NE
22/03/2016	23:30	0.4	ENE	23/03/2016	06:00	2.2	W	23/03/2016	12:30	0.9	NNE
22/03/2016	23:35	0.9	ENE	23/03/2016	06:05	1.3	N	23/03/2016	12:35	0.4	W
22/03/2016	23:40	1.3	W	23/03/2016	06:10	1.3	NE	23/03/2016	12:40	0.9	NNE
22/03/2016	23:45	0.9	WNW	23/03/2016	06:15	0.9	NNE	23/03/2016	12:45	0.9	E
22/03/2016	23:50	0.9	NNE	23/03/2016	06:20	0.4	W	23/03/2016	12:50	2.7	NNE
22/03/2016	23:55	0.9	NNE	23/03/2016	06:25	0.9	NNE	23/03/2016	12:55	0.9	NNE
23/03/2016	00:00	3.6	ENE	23/03/2016	06:30	0.9	E	23/03/2016	13:00	2.2	ENE
23/03/2016	00:05	3.1	E	23/03/2016	06:35	2.7	NNE	23/03/2016	13:05	0.9	ENE
23/03/2016	00:10	2.7	ENE	23/03/2016	06:40	0.9	NNE	23/03/2016	13:10	3.1	W
23/03/2016	00:15	3.1	E	23/03/2016	06:45	2.2	ENE	23/03/2016	13:15	3.1	W
23/03/2016	00:20	3.6	ENE	23/03/2016	06:50	0.9	ENE	23/03/2016	13:20	2.2	SW
23/03/2016	00:25	4	ENE	23/03/2016	06:55	0.4	E	23/03/2016	13:25	1.8	W
23/03/2016	00:30	4.5	E	23/03/2016	07:00	2.2	W	23/03/2016	13:30	1.8	WNW
23/03/2016	00:35	4	ENE	23/03/2016	07:05	1.3	N	23/03/2016	13:35	2.7	WSW
23/03/2016	00:40	3.1	ENE	23/03/2016	07:10	1.3	NE	23/03/2016	13:40	2.7	W
23/03/2016	00:45	3.1	ENE	23/03/2016	07:15	0.9	NNE	23/03/2016	13:45	1.8	NNW
23/03/2016	00:50	2.7	ENE	23/03/2016	07:20	0.4	W	23/03/2016	13:50	2.2	WNW
23/03/2016	00:55	4.9	E	23/03/2016	07:25	0.9	NNE	23/03/2016	13:55	2.2	WNW
23/03/2016	01:00	5.8	ENE	23/03/2016	07:30	0.9	E	23/03/2016	14:00	2.2	WNW
23/03/2016	01:05	4.5	E	23/03/2016	07:35	2.7	NNE	23/03/2016	14:05	1.8	W
23/03/2016	01:10	3.6	ENE	23/03/2016	07:40	0.9	NNE	23/03/2016	14:10	1.8	E
23/03/2016	01:15	2.2	E	23/03/2016	07:45	2.2	ENE	23/03/2016	14:15	1.3	NNE
23/03/2016	01:20	1.3	SW	23/03/2016	07:50	0.9	ENE	23/03/2016	14:20	1.8	E
23/03/2016	01:25	0.9	WSW	23/03/2016	07:55	0.9	E	23/03/2016	14:25	1.3	ENE
23/03/2016	01:30	1.8	E	23/03/2016	08:00	1.3	ENE	23/03/2016	14:30	2.2	W
23/03/2016	01:35	1.3	NNE	23/03/2016	08:05	0.4	SE	23/03/2016	14:35	1.3	N
23/03/2016	01:40	1.8	E	23/03/2016	08:10	0.4	SW	23/03/2016	14:40	1.3	NE
23/03/2016	01:45	1.3	ENE	23/03/2016	08:15	0.4	SW	23/03/2016	14:45	0.9	NNE
23/03/2016	01:50	2.2	W	23/03/2016	08:20	0.9	NE	23/03/2016	14:50	0.4	W
23/03/2016	01:55	1.3	N	23/03/2016	08:25	0.9	NE	23/03/2016	14:55	0.9	NNE
23/03/2016	02:00	1.3	NE	23/03/2016	08:30	0.9	NE	23/03/2016	15:00	0.9	E
23/03/2016	02:05	0.9	NNE	23/03/2016	08:35	0.9	NE	23/03/2016	15:05	2.7	NNE
23/03/2016	02:10	0.4	W	23/03/2016	08:40	0.9	NE	23/03/2016	15:10	0.9	NNE
23/03/2016	02:15	0.9	NNE	23/03/2016	08:45	0.4	WNW	23/03/2016	15:15	2.2	ENE
23/03/2016	02:20	0.9	E	23/03/2016	08:50	0.4	NE	23/03/2016	15:20	0.9	ENE
23/03/2016	02:25	2.7	NNE	23/03/2016	08:55	0.4	NE	23/03/2016	15:25	0.4	E
23/03/2016	02:30	0.9	NNE	23/03/2016	09:00	0.4	NNE	23/03/2016	15:30	3.6	NNW
23/03/2016	02:35	2.2	ENE	23/03/2016	09:05	0.4	NNE	23/03/2016	15:35	0.9	E
23/03/2016	02:40	0.9	ENE	23/03/2016	09:10	0.4	NE	23/03/2016	15:40	1.8	ENE
23/03/2016	02:45	0.4	E	23/03/2016	09:15	3.1	NE	23/03/2016	15:45	1.8	N
23/03/2016	02:50	1.3	ESE	23/03/2016	09:20	0.4	NE	23/03/2016	15:50	3.6	ENE
23/03/2016	02:55	0.4	NE	23/03/2016	09:25	0.4	NE	23/03/2016	15:55	2.2	E
23/03/2016	03:00	0.4	NNE	23/03/2016	09:30	0.4	NE	23/03/2016	16:00	1.3	SW
23/03/2016	03:05	0.4	NNE	23/03/2016	09:35	0.4	NE	23/03/2016	16:05	0.9	WSW
23/03/2016	03:10	1.3	WNW	23/03/2016	09:40	0.4	W	23/03/2016	16:10	1.8	E
23/03/2016	03:15	0.9	NE	23/03/2016	09:45	0.4	W	23/03/2016	16:15	1.3	NNE
23/03/2016	03:20	1.3	NNE	23/03/2016	09:50	0.4	SW	23/03/2016	16:20	1.8	E
23/03/2016	03:25	1.3	N	23/03/2016	09:55	2.2	W	23/03/2016	16:25	1.3	ENE
23/03/2016	03:30	2.7	NNE	23/03/2016	10:00	1.8	WNW	23/03/2016	16:30	2.2	W
23/03/2016	03:35	0.9	NNE	23/03/2016	10:05	0.4	WSW	23/03/2016	16:35	1.3	N
23/03/2016	03:40	0.9	NW	23/03/2016	10:10	0.4	WSW	23/03/2016	16:40	1.3	NE
23/03/2016	03:45	1.3	NW	23/03/2016	10:15	0.4	NNW	23/03/2016	16:45	0.9	NNE
23/03/2016	03:50	0.9	NW	23/03/2016	10:20	0.9	NNW	23/03/2016	16:50	0.4	W
23/03/2016	03:55	0.4	ESE	23/03/2016	10:25	0.9	NNE	23/03/2016	16:55	0.9	NNE
23/03/2016	04:00	0.9	W	23/03/2016	10:30	1.8	N	23/03/2016	17:00	0.9	E
23/03/2016	04:05	2.7	WNW	23/03/2016	10:35	1.3	N	23/03/2016	17:05	2.7	NNE
23/03/2016	04:10	2.2	ENE	23/03/2016	10:40	0.4	N	23/03/2016	17:10	0.9	NNE
23/03/2016	04:15	0.9	W	23/03/2016	10:45	0.4	N	23/03/2016	17:15	2.2	ENE
23/03/2016	04:20	0.4	WSW	23/03/2016	10:50	0.4	ENE	23/03/2016	17:20	0.9	ENE
23/03/2016	04:25	0.9	ENE	23/03/2016	10:55	1.8	E	23/03/2016	17:25	1.8	E
23/03/2016	04:30	0.4	E	23/03/2016	11:00	1.3	NNE	23/03/2016	17:30	1.3	NNE
23/03/2016	04:35	1.3	ESE	23/03/2016	11:05	1.8	E	23/03/2016	17:35	1.8	E
23/03/2016	04:40	0.9	E	23/03/2016	11:10	1.3	ENE	23/03/2016	17:40	1.3	ENE
23/03/2016	04:45	1.3	NNW	23/03/2016	11:15	2.2	W	23/03/2016	17:45	2.2	W
23/03/2016	04:50	0.9	NE	23/03/2016	11:20	1.3	N	23/03/2016	17:50	1.3	N
23/03/2016	04:55	1.3	NE	23/03/2016	11:25	1.3	NE	23/03/2016	17:55	1.3	NE
23/03/2016	05:00	0.4	SE	23/03/2016	11:30	0.9	NNE	23/03/2016	18:00	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	Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction	Date (dd/mm/yyyy)	Time	Wind Speed (m/s)	Wind Direction
23/03/2016	18:05	0.4	W	24/03/2016	00:35	0.9	ENE	24/03/2016	07:05	1.8	ENE
23/03/2016	18:10	0.9	NNE	24/03/2016	00:40	0.4	ESE	24/03/2016	07:10	0.4	NE
23/03/2016	18:15	0.9	E	24/03/2016	00:45	0.4	ESE	24/03/2016	07:15	0.9	ENE
23/03/2016	18:20	2.7	NNE	24/03/2016	00:50	0.4	ESE	24/03/2016	07:20	1.8	ENE
23/03/2016	18:25	0.9	NNE	24/03/2016	00:55	0.4	S	24/03/2016	07:25	1.3	ENE
23/03/2016	18:30	2.2	ENE	24/03/2016	01:00	0.4	S	24/03/2016	07:30	1.8	ENE
23/03/2016	18:35	0.9	ENE	24/03/2016	01:05	1.3	ENE	24/03/2016	07:35	1.3	ENE
23/03/2016	18:40	0.4	E	24/03/2016	01:10	0.9	ENE	24/03/2016	07:40	0.9	ENE
23/03/2016	18:45	0.4	E	24/03/2016	01:15	0.9	ENE	24/03/2016	07:45	0.9	ENE
23/03/2016	18:50	0.9	WSW	24/03/2016	01:20	0.9	ENE	24/03/2016	07:50	0.9	ENE
23/03/2016	18:55	0.4	WSW	24/03/2016	01:25	0.9	ENE	24/03/2016	07:55	0.9	ENE
23/03/2016	19:00	0.4	WSW	24/03/2016	01:30	1.8	E	24/03/2016	08:00	1.8	E
23/03/2016	19:05	0.4	WSW	24/03/2016	01:35	1.3	ENE	24/03/2016	08:05	1.3	ENE
23/03/2016	19:10	0.4	WSW	24/03/2016	01:40	0.9	NE	24/03/2016	08:10	0.9	NE
23/03/2016	19:15	0.4	WSW	24/03/2016	01:45	2.2	ENE	24/03/2016	08:15	2.2	ENE
23/03/2016	19:20	0.4	WSW	24/03/2016	01:50	1.8	ENE	24/03/2016	08:20	1.8	ENE
23/03/2016	19:25	0.4	WSW	24/03/2016	01:55	1.8	E	24/03/2016	08:25	1.8	E
23/03/2016	19:30	0.4	WSW	24/03/2016	02:00	0.9	E	24/03/2016	08:30	0.9	E
23/03/2016	19:35	3.6	ENE	24/03/2016	02:05	1.3	ENE	24/03/2016	08:35	1.3	ENE
23/03/2016	19:40	2.2	E	24/03/2016	02:10	2.2	E	24/03/2016	08:40	2.2	E
23/03/2016	19:45	1.3	SW	24/03/2016	02:15	2.2	E	24/03/2016	08:45	2.2	E
23/03/2016	19:50	0.9	WSW	24/03/2016	02:20	1.3	NE	24/03/2016	08:50	1.3	NE
23/03/2016	19:55	1.8	E	24/03/2016	02:25	0.4	S	24/03/2016	08:55	0.4	NNE
23/03/2016	20:00	1.3	NNE	24/03/2016	02:30	0.4	S	24/03/2016	09:00	0.9	NE
23/03/2016	20:05	1.8	E	24/03/2016	02:35	0.4	S	24/03/2016	09:05	0.9	NE
23/03/2016	20:10	1.3	ENE	24/03/2016	02:40	0.4	S	24/03/2016	09:10	0.9	NE
23/03/2016	20:15	2.2	W	24/03/2016	02:45	0.4	S	24/03/2016	09:15	0.9	ENE
23/03/2016	20:20	1.3	N	24/03/2016	02:50	0.4	S	24/03/2016	09:20	0.9	NE
23/03/2016	20:25	1.8	E	24/03/2016	02:55	0.4	W	24/03/2016	09:25	1.3	NE
23/03/2016	20:30	1.3	NNE	24/03/2016	03:00	0.4	W	24/03/2016	09:30	0.9	E
23/03/2016	20:35	1.8	E	24/03/2016	03:05	0.4	W	24/03/2016	09:35	1.3	E
23/03/2016	20:40	1.3	ENE	24/03/2016	03:10	0.4	W	24/03/2016	09:40	1.3	E
23/03/2016	20:45	2.2	W	24/03/2016	03:15	0.4	W	24/03/2016	09:45	1.3	NE
23/03/2016	20:50	1.3	N	24/03/2016	03:20	1.3	ENE	24/03/2016	09:50	0.9	N
23/03/2016	20:55	1.3	NE	24/03/2016	03:25	0.9	ENE	24/03/2016	09:55	0.4	NNE
23/03/2016	21:00	0.9	NNE	24/03/2016	03:30	0.9	ENE	24/03/2016	10:00	1.8	WNW
23/03/2016	21:05	0.4	W	24/03/2016	03:35	0.9	ENE	24/03/2016	10:05	1.3	W
23/03/2016	21:10	0.9	NNE	24/03/2016	03:40	0.9	ENE	24/03/2016	10:10	0.9	WNW
23/03/2016	21:15	0.9	E	24/03/2016	03:45	1.8	E	24/03/2016	10:15	1.8	WNW
23/03/2016	21:20	2.7	NNE	24/03/2016	03:50	1.3	ENE	24/03/2016	10:20	1.8	W
23/03/2016	21:25	0.9	NNE	24/03/2016	03:55	0.9	NE	24/03/2016	10:25	1.8	WNW
23/03/2016	21:30	2.2	ENE	24/03/2016	04:00	2.2	ENE	24/03/2016	10:30	1.3	W
23/03/2016	21:35	0.9	ENE	24/03/2016	04:05	1.8	ENE	24/03/2016	10:35	1.3	WNW
23/03/2016	21:40	0.4	E	24/03/2016	04:10	1.8	E	24/03/2016	10:40	1.8	W
23/03/2016	21:45	0.4	SSE	24/03/2016	04:15	0.9	E	24/03/2016	10:45	1.3	NW
23/03/2016	21:50	0.4	SE	24/03/2016	04:20	1.3	ENE	24/03/2016	10:50	1.8	NW
23/03/2016	21:55	0.4	SE	24/03/2016	04:25	2.2	E	24/03/2016	10:55	1.8	W
23/03/2016	22:00	0.4	SE	24/03/2016	04:30	2.2	E	24/03/2016	11:00	1.3	WSW
23/03/2016	22:05	0.4	SW	24/03/2016	04:35	1.3	NE	24/03/2016	11:05	1.8	W
23/03/2016	22:10	0.4	SW	24/03/2016	04:40	1.3	ENE	24/03/2016	11:10	1.8	W
23/03/2016	22:15	0.4	WNW	24/03/2016	04:45	1.8	ENE	24/03/2016	11:15	1.8	WSW
23/03/2016	22:20	0.4	W	24/03/2016	04:50	1.8	ENE	24/03/2016	11:20	1.3	ENE
23/03/2016	22:25	0.4	W	24/03/2016	04:55	1.3	ENE	24/03/2016	11:25	0.9	ENE
23/03/2016	22:30	0.4	SW	24/03/2016	05:00	2.7	ENE	24/03/2016	11:30	0.9	ENE
23/03/2016	22:35	2.2	W	24/03/2016	05:05	1.3	ENE	24/03/2016	11:35	0.9	ENE
23/03/2016	22:40	3.6	ENE	24/03/2016	05:10	2.2	ENE	24/03/2016	11:40	0.9	ENE
23/03/2016	22:45	2.2	E	24/03/2016	05:15	1.8	NE	24/03/2016	11:45	1.8	E
23/03/2016	22:50	1.3	SW	24/03/2016	05:20	2.7	ENE	24/03/2016	11:50	1.3	ENE
23/03/2016	22:55	0.9	WSW	24/03/2016	05:25	2.2	ENE	24/03/2016	11:55	0.9	NE
23/03/2016	23:00	1.8	E	24/03/2016	05:30	2.2	E	24/03/2016	12:00	2.2	ENE
23/03/2016	23:05	1.3	NNE	24/03/2016	05:35	1.3	NE	24/03/2016	12:05	1.8	ENE
23/03/2016	23:10	1.8	E	24/03/2016	05:40	0.9	E	24/03/2016	12:10	1.8	E
23/03/2016	23:15	1.3	ENE	24/03/2016	05:45	0.4	E	24/03/2016	12:15	0.9	E
23/03/2016	23:20	2.2	W	24/03/2016	05:50	1.3	NNE	24/03/2016	12:20	1.3	ENE
23/03/2016	23:25	1.3	N	24/03/2016	05:55	0.9	E	24/03/2016	12:25	2.2	E
23/03/2016	23:30	1.3	NE	24/03/2016	06:00	1.8	NE	24/03/2016	12:30	2.2	E
23/03/2016	23:35	0.9	NNE	24/03/2016	06:05	0.9	NW	24/03/2016	12:35	1.3	NE
23/03/2016	23:40	0.4	W	24/03/2016	06:10	1.3	WNW	24/03/2016	12:40	0.4	W
23/03/2016	23:45	0.9	NNE	24/03/2016	06:15	1.3	WSW	24/03/2016	12:45	0.4	W
23/03/2016	23:50	0.9	E	24/03/2016	06:20	0.9	NW	24/03/2016	12:50	0.4	W
23/03/2016	23:55	2.7	NNE	24/03/2016	06:25	0.4	NW	24/03/2016	12:55	1.3	N
24/03/2016	00:00	0.9	NNE	24/03/2016	06:30	0.4	SW	24/03/2016	13:00	0.9	N
24/03/2016	00:05	0.9	ENE	24/03/2016	06:35	0.4	SW	24/03/2016	13:05	0.4	N
24/03/2016	00:10	0.4	ENE	24/03/2016	06:40	0.4	SW	24/03/2016	13:10	1.3	NNE
24/03/2016	00:15	1.3	ENE	24/03/2016	06:45	1.3	NE	24/03/2016	13:15	0.9	NNE
24/03/2016	00:20	0.9	ENE	24/03/2016	06:50	2.2	NE	24/03/2016	13:20	0.9	NNE
24/03/2016	00:25	0.9	ENE	24/03/2016	06:55	1.3	E	24/03/2016	13:25	0.4	NNE
24/03/2016	00:30	0.9	ENE	24/03/2016	07:00	0.4	E	24/03/2016	13:30	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
24/03/2016	13:35	0.4	NNE	24/03/2016	20:05	1.3	ENE	25/03/2016	02:35	1.3	NW
24/03/2016	13:40	0.4	NNE	24/03/2016	20:10	2.2	ENE	25/03/2016	02:40	0.9	W
24/03/2016	13:45	0.9	NNE	24/03/2016	20:15	1.8	ENE	25/03/2016	02:45	0.9	N
24/03/2016	13:50	0.9	NNE	24/03/2016	20:20	2.2	ENE	25/03/2016	02:50	0.9	WNW
24/03/2016	13:55	1.3	NNE	24/03/2016	20:25	1.3	ENE	25/03/2016	02:55	0.9	N
24/03/2016	14:00	0.9	ENE	24/03/2016	20:30	2.2	E	25/03/2016	03:00	0.9	N
24/03/2016	14:05	0.9	ENE	24/03/2016	20:35	2.2	ENE	25/03/2016	03:05	0.4	E
24/03/2016	14:10	0.9	NNE	24/03/2016	20:40	2.2	E	25/03/2016	03:10	0.4	ESE
24/03/2016	14:15	0.9	NNE	24/03/2016	20:45	1.8	E	25/03/2016	03:15	1.8	E
24/03/2016	14:20	0.4	NNE	24/03/2016	20:50	1.8	ENE	25/03/2016	03:20	0.4	WNW
24/03/2016	14:25	0.4	NNE	24/03/2016	20:55	1.3	NE	25/03/2016	03:25	0.9	ENE
24/03/2016	14:30	0.4	NNE	24/03/2016	21:00	1.8	ENE	25/03/2016	03:30	0.9	NNW
24/03/2016	14:35	0.4	NNE	24/03/2016	21:05	1.8	ENE	25/03/2016	03:35	0.9	ENE
24/03/2016	14:40	0.9	NNE	24/03/2016	21:10	2.2	E	25/03/2016	03:40	0.9	N
24/03/2016	14:45	0.9	NNE	24/03/2016	21:15	2.7	ENE	25/03/2016	03:45	1.3	E
24/03/2016	14:50	1.3	ENE	24/03/2016	21:20	1.3	ENE	25/03/2016	03:50	0.9	NNE
24/03/2016	14:55	0.9	ENE	24/03/2016	21:25	2.2	ENE	25/03/2016	03:55	1.3	E
24/03/2016	15:00	0.9	ENE	24/03/2016	21:30	1.8	NE	25/03/2016	04:00	1.3	E
24/03/2016	15:05	0.9	ENE	24/03/2016	21:35	2.7	ENE	25/03/2016	04:05	0.9	N
24/03/2016	15:10	0.9	ENE	24/03/2016	21:40	2.2	E	25/03/2016	04:10	0.9	WSW
24/03/2016	15:15	1.8	E	24/03/2016	21:45	2.2	ENE	25/03/2016	04:15	0.9	ENE
24/03/2016	15:20	1.3	ENE	24/03/2016	21:50	1.8	ENE	25/03/2016	04:20	0.9	NNE
24/03/2016	15:25	0.9	NE	24/03/2016	21:55	2.2	ENE	25/03/2016	04:25	1.8	SSW
24/03/2016	15:30	2.2	ENE	24/03/2016	22:00	1.3	NE	25/03/2016	04:30	1.8	E
24/03/2016	15:35	1.8	ENE	24/03/2016	22:05	0.9	E	25/03/2016	04:35	1.3	NE
24/03/2016	15:40	1.8	E	24/03/2016	22:10	1.3	E	25/03/2016	04:40	0.9	E
24/03/2016	15:45	0.9	E	24/03/2016	22:15	1.3	NE	25/03/2016	04:45	1.3	NNE
24/03/2016	15:50	1.3	ENE	24/03/2016	22:20	1.3	ENE	25/03/2016	04:50	0.9	NNE
24/03/2016	15:55	2.2	E	24/03/2016	22:25	0.9	ENE	25/03/2016	04:55	0.9	ENE
24/03/2016	16:00	2.2	E	24/03/2016	22:30	0.9	ENE	25/03/2016	05:00	0.9	E
24/03/2016	16:05	1.3	NE	24/03/2016	22:35	0.9	ENE	25/03/2016	05:05	2.7	WNW
24/03/2016	16:10	0.4	ENE	24/03/2016	22:40	0.9	ENE	25/03/2016	05:10	2.2	NW
24/03/2016	16:15	2.2	W	24/03/2016	22:45	1.8	E	25/03/2016	05:15	1.8	NW
24/03/2016	16:20	7.6	WSW	24/03/2016	22:50	1.3	ENE	25/03/2016	05:20	1.3	NNE
24/03/2016	16:25	4.9	WSW	24/03/2016	22:55	0.9	NE	25/03/2016	05:25	1.8	NE
24/03/2016	16:30	5.4	W	24/03/2016	23:00	2.2	ENE	25/03/2016	05:30	1.3	ENE
24/03/2016	16:35	4.5	W	24/03/2016	23:05	1.8	ENE	25/03/2016	05:35	1.8	WNW
24/03/2016	16:40	3.6	WSW	24/03/2016	23:10	1.8	E	25/03/2016	05:40	1.8	NE
24/03/2016	16:45	2.7	WSW	24/03/2016	23:15	0.9	E	25/03/2016	05:45	1.3	W
24/03/2016	16:50	0.9	WSW	24/03/2016	23:20	1.3	ENE	25/03/2016	05:50	0.9	E
24/03/2016	16:55	0.4	W	24/03/2016	23:25	2.2	E	25/03/2016	05:55	1.3	W
24/03/2016	17:00	0.9	W	24/03/2016	23:30	2.2	E	25/03/2016	06:00	1.3	W
24/03/2016	17:05	1.8	W	24/03/2016	23:35	1.3	NE	25/03/2016	06:05	0.9	WSW
24/03/2016	17:10	0.4	SW	24/03/2016	23:40	1.3	ENE	25/03/2016	06:10	1.3	NNE
24/03/2016	17:15	0.4	SSW	24/03/2016	23:45	2.2	ENE	25/03/2016	06:15	1.3	N
24/03/2016	17:20	0.9	SSW	24/03/2016	23:50	1.8	ENE	25/03/2016	06:20	0.9	WNW
24/03/2016	17:25	0.4	WSW	24/03/2016	23:55	1.3	ENE	25/03/2016	06:25	1.3	NE
24/03/2016	17:30	0.4	WSW	25/03/2016	00:00	2.2	E	25/03/2016	06:30	1.8	NNE
24/03/2016	17:35	0.4	S	25/03/2016	00:05	1.3	ENE	25/03/2016	06:35	1.8	NNW
24/03/2016	17:40	0.4	S	25/03/2016	00:10	1.3	E	25/03/2016	06:40	1.3	S
24/03/2016	17:45	0.4	W	25/03/2016	00:15	1.3	E	25/03/2016	06:45	1.3	NNW
24/03/2016	17:50	0.4	S	25/03/2016	00:20	0.9	NNE	25/03/2016	06:50	1.3	NNW
24/03/2016	17:55	0.4	S	25/03/2016	00:25	1.3	E	25/03/2016	06:55	0.9	NE
24/03/2016	18:00	1.8	NE	25/03/2016	00:30	1.3	E	25/03/2016	07:00	0.9	NNE
24/03/2016	18:05	1.8	NE	25/03/2016	00:35	0.9	N	25/03/2016	07:05	1.8	NW
24/03/2016	18:10	0.9	NE	25/03/2016	00:40	0.9	WSW	25/03/2016	07:10	0.9	WNW
24/03/2016	18:15	0.9	NE	25/03/2016	00:45	0.9	ENE	25/03/2016	07:15	1.3	NE
24/03/2016	18:20	0.9	NE	25/03/2016	00:50	0.9	NNE	25/03/2016	07:20	1.8	NNE
24/03/2016	18:25	1.8	NE	25/03/2016	00:55	1.8	SSW	25/03/2016	07:25	1.8	NNW
24/03/2016	18:30	1.3	ENE	25/03/2016	01:00	1.8	E	25/03/2016	07:30	1.3	S
24/03/2016	18:35	1.3	ENE	25/03/2016	01:05	1.3	NE	25/03/2016	07:35	1.3	NNW
24/03/2016	18:40	0.9	ENE	25/03/2016	01:10	0.9	E	25/03/2016	07:40	1.3	NNW
24/03/2016	18:45	0.9	ENE	25/03/2016	01:15	1.3	NNE	25/03/2016	07:45	1.3	E
24/03/2016	18:50	0.9	ENE	25/03/2016	01:20	0.9	NNE	25/03/2016	07:50	0.9	NNE
24/03/2016	18:55	0.9	ENE	25/03/2016	01:25	0.9	ENE	25/03/2016	07:55	1.3	E
24/03/2016	19:00	1.8	E	25/03/2016	01:30	1.3	E	25/03/2016	08:00	1.3	E
24/03/2016	19:05	1.3	ENE	25/03/2016	01:35	0.9	NE	25/03/2016	08:05	0.9	N
24/03/2016	19:10	0.9	NE	25/03/2016	01:40	1.8	ENE	25/03/2016	08:10	0.9	WSW
24/03/2016	19:15	2.2	ENE	25/03/2016	01:45	1.3	NE	25/03/2016	08:15	0.9	ENE
24/03/2016	19:20	1.8	ENE	25/03/2016	01:50	1.8	ENE	25/03/2016	08:20	0.9	NNE
24/03/2016	19:25	1.8	E	25/03/2016	01:55	1.3	E	25/03/2016	08:25	1.8	SSW
24/03/2016	19:30	0.9	E	25/03/2016	02:00	1.8	ENE	25/03/2016	08:30	1.8	E
24/03/2016	19:35	1.3	ENE	25/03/2016	02:05	1.8	NE	25/03/2016	08:35	1.3	NE
24/03/2016	19:40	2.2	E	25/03/2016	02:10	1.3	ESE	25/03/2016	08:40	0.9	E
24/03/2016	19:45	2.2	E	25/03/2016	02:15	0.9	SE	25/03/2016	08:45	1.3	NNE
24/03/2016	19:50	1.3	NE	25/03/2016	02:20	0.9	NNE	25/03/2016	08:50	0.9	NNE
24/03/2016	19:55	1.8	E	25/03/2016	02:25	0.4	NE	25/03/2016	08:55	0.9	ENE
24/03/2016	20:00	0.9	E	25/03/2016	02:30	0.9	NNE	25/03/2016	09:00	1.8	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
25/03/2016	09:05	1.8	N	25/03/2016	15:35	1.8	NW	25/03/2016	22:05	0.4	E
25/03/2016	09:10	1.8	W	25/03/2016	15:40	1.8	WNW	25/03/2016	22:10	0.4	E
25/03/2016	09:15	2.2	E	25/03/2016	15:45	2.7	WSW	25/03/2016	22:15	1.3	E
25/03/2016	09:20	0.4	ENE	25/03/2016	15:50	2.2	WSW	25/03/2016	22:20	0.9	NNE
25/03/2016	09:25	0.4	ENE	25/03/2016	15:55	1.8	W	25/03/2016	22:25	1.3	E
25/03/2016	09:30	0.9	ENE	25/03/2016	16:00	1.3	NE	25/03/2016	22:30	1.3	E
25/03/2016	09:35	0.9	W	25/03/2016	16:05	1.3	NE	25/03/2016	22:35	0.9	N
25/03/2016	09:40	0.9	SW	25/03/2016	16:10	2.2	NE	25/03/2016	22:40	0.9	WSW
25/03/2016	09:45	0.4	E	25/03/2016	16:15	1.8	NE	25/03/2016	22:45	0.9	ENE
25/03/2016	09:50	0.9	ENE	25/03/2016	16:20	2.2	E	25/03/2016	22:50	0.9	NNE
25/03/2016	09:55	1.3	NE	25/03/2016	16:25	1.8	W	25/03/2016	22:55	1.8	SSW
25/03/2016	10:00	1.3	NE	25/03/2016	16:30	1.3	E	25/03/2016	23:00	1.8	E
25/03/2016	10:05	1.3	WNW	25/03/2016	16:35	2.2	NE	25/03/2016	23:05	1.3	NE
25/03/2016	10:10	0.4	WSW	25/03/2016	16:40	1.8	NNE	25/03/2016	23:10	0.9	E
25/03/2016	10:15	0.9	ENE	25/03/2016	16:45	1.3	E	25/03/2016	23:15	1.3	NNE
25/03/2016	10:20	0.9	WNW	25/03/2016	16:50	0.9	NNE	25/03/2016	23:20	0.9	NNE
25/03/2016	10:25	0.9	NNE	25/03/2016	16:55	1.3	E	25/03/2016	23:25	0.9	ENE
25/03/2016	10:30	1.3	NNE	25/03/2016	17:00	1.3	E	25/03/2016	23:30	0.4	ENE
25/03/2016	10:35	0.9	ENE	25/03/2016	17:05	0.9	N	25/03/2016	23:35	0.9	ENE
25/03/2016	10:40	0.9	NE	25/03/2016	17:10	0.9	WSW	25/03/2016	23:40	0.4	N
25/03/2016	10:45	1.3	NNE	25/03/2016	17:15	0.9	ENE	25/03/2016	23:45	1.3	NW
25/03/2016	10:50	0.9	NE	25/03/2016	17:20	0.9	NNE	25/03/2016	23:50	1.3	WNW
25/03/2016	10:55	0.9	NE	25/03/2016	17:25	1.8	SSW	25/03/2016	23:55	1.3	W
25/03/2016	11:00	1.3	E	25/03/2016	17:30	1.8	E	26/03/2016	00:00	1.8	W
25/03/2016	11:05	0.9	NNE	25/03/2016	17:35	1.3	NE	26/03/2016	00:05	1.8	NE
25/03/2016	11:10	1.3	E	25/03/2016	17:40	0.9	E	26/03/2016	00:10	1.8	E
25/03/2016	11:15	1.3	E	25/03/2016	17:45	1.3	NNE	26/03/2016	00:15	1.3	W
25/03/2016	11:20	0.9	N	25/03/2016	17:50	0.9	NNE	26/03/2016	00:20	2.2	WSW
25/03/2016	11:25	0.9	WSW	25/03/2016	17:55	0.9	ENE	26/03/2016	00:25	2.2	WNW
25/03/2016	11:30	0.9	ENE	25/03/2016	18:00	1.8	NNW	26/03/2016	00:30	1.8	WSW
25/03/2016	11:35	0.9	NNE	25/03/2016	18:05	1.8	ENE	26/03/2016	00:35	1.3	WSW
25/03/2016	11:40	1.8	SSW	25/03/2016	18:10	1.8	WNW	26/03/2016	00:40	0.9	NNW
25/03/2016	11:45	1.8	E	25/03/2016	18:15	2.2	NNW	26/03/2016	00:45	1.3	NW
25/03/2016	11:50	1.3	NE	25/03/2016	18:20	3.1	W	26/03/2016	00:50	1.8	W
25/03/2016	11:55	0.9	E	25/03/2016	18:25	3.6	WSW	26/03/2016	00:55	1.8	WSW
25/03/2016	12:00	1.3	NNE	25/03/2016	18:30	3.1	NE	26/03/2016	01:00	1.3	N
25/03/2016	12:05	0.9	NNE	25/03/2016	18:35	1.8	ESE	26/03/2016	01:05	1.3	NW
25/03/2016	12:10	0.9	ENE	25/03/2016	18:40	1.3	ENE	26/03/2016	01:10	2.2	W
25/03/2016	12:15	1.3	NNE	25/03/2016	18:45	1.8	ENE	26/03/2016	01:15	2.7	W
25/03/2016	12:20	1.3	NNW	25/03/2016	18:50	1.8	NE	26/03/2016	01:20	1.8	W
25/03/2016	12:25	0.9	N	25/03/2016	18:55	1.8	NNW	26/03/2016	01:25	0.9	NW
25/03/2016	12:30	0.9	N	25/03/2016	19:00	1.3	N	26/03/2016	01:30	1.3	N
25/03/2016	12:35	0.9	WNW	25/03/2016	19:05	2.7	E	26/03/2016	01:35	1.3	N
25/03/2016	12:40	1.3	NW	25/03/2016	19:10	1.8	ENE	26/03/2016	01:40	0.9	NNE
25/03/2016	12:45	2.7	WSW	25/03/2016	19:15	2.7	E	26/03/2016	01:45	1.8	N
25/03/2016	12:50	2.2	W	25/03/2016	19:20	1.3	NNW	26/03/2016	01:50	2.7	W
25/03/2016	12:55	3.6	WSW	25/03/2016	19:25	1.8	NE	26/03/2016	01:55	2.2	NE
25/03/2016	13:00	3.6	WSW	25/03/2016	19:30	1.3	NE	26/03/2016	02:00	2.2	W
25/03/2016	13:05	3.1	WSW	25/03/2016	19:35	1.8	W	26/03/2016	02:05	2.2	WSW
25/03/2016	13:10	3.1	WSW	25/03/2016	19:40	1.8	WNW	26/03/2016	02:10	4	WSW
25/03/2016	13:15	3.1	WSW	25/03/2016	19:45	2.7	W	26/03/2016	02:15	2.2	W
25/03/2016	13:20	3.1	WSW	25/03/2016	19:50	2.7	W	26/03/2016	02:20	0.9	WNW
25/03/2016	13:25	2.7	SW	25/03/2016	19:55	1.3	W	26/03/2016	02:25	1.8	W
25/03/2016	13:30	2.7	W	25/03/2016	20:00	1.8	WSW	26/03/2016	02:30	1.3	WSW
25/03/2016	13:35	3.1	W	25/03/2016	20:05	1.3	W	26/03/2016	02:35	0.9	NE
25/03/2016	13:40	2.2	WSW	25/03/2016	20:10	0.4	W	26/03/2016	02:40	2.2	N
25/03/2016	13:45	1.3	E	25/03/2016	20:15	0.4	W	26/03/2016	02:45	2.2	W
25/03/2016	13:50	0.9	NNE	25/03/2016	20:20	0.9	WSW	26/03/2016	02:50	0.9	NW
25/03/2016	13:55	1.3	E	25/03/2016	20:25	2.7	E	26/03/2016	02:55	1.8	WSW
25/03/2016	14:00	1.3	E	25/03/2016	20:30	1.3	E	26/03/2016	03:00	2.2	W
25/03/2016	14:05	0.9	N	25/03/2016	20:35	0.9	NNE	26/03/2016	03:05	2.2	WSW
25/03/2016	14:10	0.9	WSW	25/03/2016	20:40	1.3	E	26/03/2016	03:10	1.8	W
25/03/2016	14:15	0.9	ENE	25/03/2016	20:45	1.3	E	26/03/2016	03:15	1.8	NW
25/03/2016	14:20	0.9	NNE	25/03/2016	20:50	0.9	N	26/03/2016	03:20	1.8	WNW
25/03/2016	14:25	1.8	SSW	25/03/2016	20:55	0.9	WSW	26/03/2016	03:25	2.7	WSW
25/03/2016	14:30	1.8	E	25/03/2016	21:00	0.9	ENE	26/03/2016	03:30	2.7	SW
25/03/2016	14:35	1.3	NE	25/03/2016	21:05	0.9	NNE	26/03/2016	03:35	1.8	W
25/03/2016	14:40	0.9	E	25/03/2016	21:10	1.8	SSW	26/03/2016	03:40	2.2	ENE
25/03/2016	14:45	1.3	NNE	25/03/2016	21:15	1.8	E	26/03/2016	03:45	1.3	E
25/03/2016	14:50	0.9	NNE	25/03/2016	21:20	1.3	NE	26/03/2016	03:50	1.8	ENE
25/03/2016	14:55	0.9	ENE	25/03/2016	21:25	0.9	E	26/03/2016	03:55	2.2	W
25/03/2016	15:00	1.8	NNW	25/03/2016	21:30	1.3	NNE	26/03/2016	04:00	1.3	W
25/03/2016	15:05	2.2	N	25/03/2016	21:35	0.9	NNE	26/03/2016	04:05	2.2	WSW
25/03/2016	15:10	2.2	WSW	25/03/2016	21:40	0.9	ENE	26/03/2016	04:10	2.2	WNW
25/03/2016	15:15	2.2	WNW	25/03/2016	21:45	1.8	ENE	26/03/2016	04:15	1.8	WSW
25/03/2016	15:20	3.6	W	25/03/2016	21:50	2.2	ENE	26/03/2016	04:20	1.3	WSW
25/03/2016	15:25	2.7	WNW	25/03/2016	21:55	2.2	ENE	26/03/2016	04:25	0.9	NNW
25/03/2016	15:30	2.2	W	25/03/2016	22:00	0.9	E	26/03/2016	04:30	1.3	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
26/03/2016	04:35	1.8	W	26/03/2016	11:05	1.3	ESE	26/03/2016	17:35	2.2	NW
26/03/2016	04:40	1.8	WSW	26/03/2016	11:10	1.3	ESE	26/03/2016	17:40	1.8	ENE
26/03/2016	04:45	1.3	N	26/03/2016	11:15	0.9	E	26/03/2016	17:45	1.8	ENE
26/03/2016	04:50	1.3	NW	26/03/2016	11:20	0.9	NE	26/03/2016	17:50	1.8	ENE
26/03/2016	04:55	2.2	W	26/03/2016	11:25	0.9	ENE	26/03/2016	17:55	1.8	NNE
26/03/2016	05:00	2.7	W	26/03/2016	11:30	0.9	SW	26/03/2016	18:00	0.9	W
26/03/2016	05:05	1.8	W	26/03/2016	11:35	1.3	W	26/03/2016	18:05	1.8	NW
26/03/2016	05:10	0.9	NW	26/03/2016	11:40	2.2	WSW	26/03/2016	18:10	1.8	NNE
26/03/2016	05:15	1.3	W	26/03/2016	11:45	2.2	WNW	26/03/2016	18:15	1.8	ENE
26/03/2016	05:20	2.2	W	26/03/2016	11:50	1.8	WSW	26/03/2016	18:20	1.3	NE
26/03/2016	05:25	1.3	WSW	26/03/2016	11:55	1.3	WSW	26/03/2016	18:25	1.3	ENE
26/03/2016	05:30	1.3	WNW	26/03/2016	12:00	0.9	NNW	26/03/2016	18:30	0.9	W
26/03/2016	05:35	3.1	W	26/03/2016	12:05	1.3	NW	26/03/2016	18:35	1.8	W
26/03/2016	05:40	2.7	W	26/03/2016	12:10	1.8	W	26/03/2016	18:40	0.9	NE
26/03/2016	05:45	3.1	W	26/03/2016	12:15	1.8	WSW	26/03/2016	18:45	2.2	NNE
26/03/2016	05:50	1.3	NNE	26/03/2016	12:20	1.3	N	26/03/2016	18:50	1.3	WNW
26/03/2016	05:55	2.2	W	26/03/2016	12:25	1.3	NW	26/03/2016	18:55	1.3	NNW
26/03/2016	06:00	1.3	WNW	26/03/2016	12:30	2.2	W	26/03/2016	19:00	1.8	W
26/03/2016	06:05	1.3	WNW	26/03/2016	12:35	2.7	W	26/03/2016	19:05	1.3	W
26/03/2016	06:10	1.8	W	26/03/2016	12:40	1.8	W	26/03/2016	19:10	1.8	WNW
26/03/2016	06:15	0.9	WNW	26/03/2016	12:45	0.9	NW	26/03/2016	19:15	0.4	S
26/03/2016	06:20	1.3	WNW	26/03/2016	12:50	0.9	E	26/03/2016	19:20	1.3	W
26/03/2016	06:25	0.4	WSW	26/03/2016	12:55	0.9	NE	26/03/2016	19:25	2.2	WSW
26/03/2016	06:30	0.4	WSW	26/03/2016	13:00	1.3	NE	26/03/2016	19:30	2.2	WNW
26/03/2016	06:35	0.9	W	26/03/2016	13:05	1.3	SE	26/03/2016	19:35	1.8	WSW
26/03/2016	06:40	1.8	W	26/03/2016	13:10	1.3	SE	26/03/2016	19:40	1.3	WSW
26/03/2016	06:45	1.3	W	26/03/2016	13:15	0.4	NE	26/03/2016	19:45	0.9	NNW
26/03/2016	06:50	0.9	WSW	26/03/2016	13:20	0.9	NNE	26/03/2016	19:50	1.3	NW
26/03/2016	06:55	0.4	W	26/03/2016	13:25	0.9	SSW	26/03/2016	19:55	1.8	W
26/03/2016	07:00	0.9	W	26/03/2016	13:30	0.4	ENE	26/03/2016	20:00	1.8	WSW
26/03/2016	07:05	0.9	ENE	26/03/2016	13:35	0.4	ENE	26/03/2016	20:05	1.3	N
26/03/2016	07:10	0.9	WNW	26/03/2016	13:40	0.4	N	26/03/2016	20:10	1.3	NW
26/03/2016	07:15	0.4	WNW	26/03/2016	13:45	2.7	NE	26/03/2016	20:15	2.2	W
26/03/2016	07:20	0.9	NW	26/03/2016	13:50	1.3	NE	26/03/2016	20:20	2.7	W
26/03/2016	07:25	0.9	NW	26/03/2016	13:55	2.2	NE	26/03/2016	20:25	1.8	W
26/03/2016	07:30	1.3	W	26/03/2016	14:00	2.7	NE	26/03/2016	20:30	0.9	NW
26/03/2016	07:35	0.4	WSW	26/03/2016	14:05	2.2	NE	26/03/2016	20:35	2.7	ENE
26/03/2016	07:40	0.9	NNW	26/03/2016	14:10	2.7	NE	26/03/2016	20:40	2.2	NE
26/03/2016	07:45	0.4	WNW	26/03/2016	14:15	2.2	NE	26/03/2016	20:45	2.2	N
26/03/2016	07:50	1.3	W	26/03/2016	14:20	0.9	E	26/03/2016	20:50	2.2	NE
26/03/2016	07:55	2.2	WSW	26/03/2016	14:25	0.4	E	26/03/2016	20:55	0.9	NE
26/03/2016	08:00	2.2	WNW	26/03/2016	14:30	0.4	NNE	26/03/2016	21:00	2.2	NW
26/03/2016	08:05	1.8	WSW	26/03/2016	14:35	0.4	NE	26/03/2016	21:05	5.4	WSW
26/03/2016	08:10	1.3	WSW	26/03/2016	14:40	0.9	NNE	26/03/2016	21:10	2.7	NE
26/03/2016	08:15	0.9	NNW	26/03/2016	14:45	0.4	NNE	26/03/2016	21:15	2.2	ENE
26/03/2016	08:20	1.3	NW	26/03/2016	14:50	1.8	NE	26/03/2016	21:20	1.3	E
26/03/2016	08:25	1.8	W	26/03/2016	14:55	1.8	NE	26/03/2016	21:25	2.2	ENE
26/03/2016	08:30	1.8	WSW	26/03/2016	15:00	1.3	ENE	26/03/2016	21:30	2.2	NNE
26/03/2016	08:35	1.3	N	26/03/2016	15:05	0.9	NE	26/03/2016	21:35	2.2	SE
26/03/2016	08:40	1.3	NW	26/03/2016	15:10	0.9	NNE	26/03/2016	21:40	2.7	E
26/03/2016	08:45	2.2	W	26/03/2016	15:15	0.9	NNE	26/03/2016	21:45	1.8	WSW
26/03/2016	08:50	2.7	W	26/03/2016	15:20	1.3	W	26/03/2016	21:50	2.2	NNE
26/03/2016	08:55	1.8	W	26/03/2016	15:25	2.2	WSW	26/03/2016	21:55	1.8	NE
26/03/2016	09:00	0.9	NW	26/03/2016	15:30	2.2	WNW	26/03/2016	22:00	2.2	WNW
26/03/2016	09:05	0.4	N	26/03/2016	15:35	1.8	WSW	26/03/2016	22:05	2.2	NE
26/03/2016	09:10	0.9	NW	26/03/2016	15:40	1.3	WSW	26/03/2016	22:10	2.2	W
26/03/2016	09:15	1.3	SW	26/03/2016	15:45	0.9	NNW	26/03/2016	22:15	2.2	WNW
26/03/2016	09:20	2.7	WSW	26/03/2016	15:50	1.3	NW	26/03/2016	22:20	3.1	SW
26/03/2016	09:25	2.2	W	26/03/2016	15:55	1.8	W	26/03/2016	22:25	2.7	WSW
26/03/2016	09:30	0.9	ENE	26/03/2016	16:00	1.8	WSW	26/03/2016	22:30	1.3	W
26/03/2016	09:35	0.4	E	26/03/2016	16:05	1.3	N	26/03/2016	22:35	2.2	WSW
26/03/2016	09:40	0.9	E	26/03/2016	16:10	1.3	NW	26/03/2016	22:40	2.2	WNW
26/03/2016	09:45	0.9	NE	26/03/2016	16:15	2.2	W	26/03/2016	22:45	1.8	WSW
26/03/2016	09:50	0.9	SE	26/03/2016	16:20	2.7	W	26/03/2016	22:50	1.3	WSW
26/03/2016	09:55	0.9	E	26/03/2016	16:25	1.8	W	26/03/2016	22:55	0.9	NNW
26/03/2016	10:00	0.9	E	26/03/2016	16:30	0.9	NW	26/03/2016	23:00	1.3	NW
26/03/2016	10:05	2.7	NW	26/03/2016	16:35	0.9	ENE	26/03/2016	23:05	1.8	W
26/03/2016	10:10	1.8	NNE	26/03/2016	16:40	1.3	NNE	26/03/2016	23:10	1.8	WSW
26/03/2016	10:15	1.8	W	26/03/2016	16:45	3.1	WSW	26/03/2016	23:15	1.3	N
26/03/2016	10:20	4.5	W	26/03/2016	16:50	1.8	NW	26/03/2016	23:20	1.3	NW
26/03/2016	10:25	4.5	WSW	26/03/2016	16:55	2.2	WNW	26/03/2016	23:25	2.2	W
26/03/2016	10:30	3.6	NE	26/03/2016	17:00	1.8	WSW	26/03/2016	23:30	2.7	W
26/03/2016	10:35	2.2	E	26/03/2016	17:05	1.8	WNW	26/03/2016	23:35	1.8	W
26/03/2016	10:40	0.9	NE	26/03/2016	17:10	2.2	W	26/03/2016	23:40	0.9	NW
26/03/2016	10:45	0.9	NE	26/03/2016	17:15	1.8	WNW	26/03/2016	23:45	2.2	ENE
26/03/2016	10:50	0.9	ENE	26/03/2016	17:20	3.1	WSW	26/03/2016	23:50	3.6	WNW
26/03/2016	10:55	1.8	ENE	26/03/2016	17:25	1.8	W	26/03/2016	23:55	3.1	WSW
26/03/2016	11:00	2.2	ENE	26/03/2016	17:30	1.3	NE	27/03/2016	00:00	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
27/03/2016	00:05	2.7	WNW	27/03/2016	06:35	2.2	WNW	27/03/2016	13:05	1.8	W
27/03/2016	00:10	2.2	W	27/03/2016	06:40	0.9	ENE	27/03/2016	13:10	0.9	W
27/03/2016	00:15	2.2	W	27/03/2016	06:45	0.9	NW	27/03/2016	13:15	1.3	N
27/03/2016	00:20	1.3	SW	27/03/2016	06:50	1.8	ENE	27/03/2016	13:20	2.2	WNW
27/03/2016	00:25	1.8	NW	27/03/2016	06:55	1.3	NE	27/03/2016	13:25	1.8	W
27/03/2016	00:30	2.2	W	27/03/2016	07:00	1.8	NW	27/03/2016	13:30	1.8	WSW
27/03/2016	00:35	1.3	WNW	27/03/2016	07:05	2.2	WNW	27/03/2016	13:35	1.8	NNW
27/03/2016	00:40	1.8	SW	27/03/2016	07:10	1.3	ENE	27/03/2016	13:40	1.8	W
27/03/2016	00:45	1.3	NE	27/03/2016	07:15	0.9	N	27/03/2016	13:45	1.8	WSW
27/03/2016	00:50	0.9	NNE	27/03/2016	07:20	0.9	NE	27/03/2016	13:50	1.8	W
27/03/2016	00:55	1.8	NNW	27/03/2016	07:25	1.3	N	27/03/2016	13:55	1.3	NNE
27/03/2016	01:00	2.2	E	27/03/2016	07:30	1.3	WNW	27/03/2016	14:00	1.8	NW
27/03/2016	01:05	3.6	W	27/03/2016	07:35	1.8	NE	27/03/2016	14:05	1.3	E
27/03/2016	01:10	1.8	W	27/03/2016	07:40	1.3	SW	27/03/2016	14:10	0.9	N
27/03/2016	01:15	0.9	ENE	27/03/2016	07:45	1.8	NW	27/03/2016	14:15	1.8	E
27/03/2016	01:20	1.8	ENE	27/03/2016	07:50	2.2	W	27/03/2016	14:20	1.3	NNE
27/03/2016	01:25	1.3	NW	27/03/2016	07:55	1.3	WNW	27/03/2016	14:25	1.3	NNW
27/03/2016	01:30	1.8	ENE	27/03/2016	08:00	1.8	SW	27/03/2016	14:30	1.3	NNW
27/03/2016	01:35	2.2	NE	27/03/2016	08:05	1.3	NE	27/03/2016	14:35	1.3	NNW
27/03/2016	01:40	1.3	NE	27/03/2016	08:10	0.9	NNE	27/03/2016	14:40	1.3	W
27/03/2016	01:45	1.3	NE	27/03/2016	08:15	1.8	NNW	27/03/2016	14:45	1.3	WNW
27/03/2016	01:50	2.2	NE	27/03/2016	08:20	2.2	E	27/03/2016	14:50	1.3	E
27/03/2016	01:55	1.3	W	27/03/2016	08:25	3.6	W	27/03/2016	14:55	1.3	SW
27/03/2016	02:00	2.2	W	27/03/2016	08:30	1.8	W	27/03/2016	15:00	1.8	NW
27/03/2016	02:05	1.3	WNW	27/03/2016	08:35	0.9	ENE	27/03/2016	15:05	2.2	W
27/03/2016	02:10	1.8	NNE	27/03/2016	08:40	1.8	ENE	27/03/2016	15:10	1.3	WNW
27/03/2016	02:15	1.8	NE	27/03/2016	08:45	1.3	NW	27/03/2016	15:15	1.8	SW
27/03/2016	02:20	1.8	N	27/03/2016	08:50	1.8	ENE	27/03/2016	15:20	1.3	NE
27/03/2016	02:25	1.8	W	27/03/2016	08:55	2.2	NE	27/03/2016	15:25	0.9	NNE
27/03/2016	02:30	3.6	WSW	27/03/2016	09:00	0.9	NW	27/03/2016	15:30	1.8	NNW
27/03/2016	02:35	0.9	ENE	27/03/2016	09:05	1.3	NNW	27/03/2016	15:35	2.2	E
27/03/2016	02:40	2.2	NE	27/03/2016	09:10	0.9	WNW	27/03/2016	15:40	3.6	W
27/03/2016	02:45	1.3	ENE	27/03/2016	09:15	1.3	SSW	27/03/2016	15:45	1.8	W
27/03/2016	02:50	1.8	W	27/03/2016	09:20	0.9	W	27/03/2016	15:50	0.9	ENE
27/03/2016	02:55	0.4	WNW	27/03/2016	09:25	1.3	W	27/03/2016	15:55	1.8	ENE
27/03/2016	03:00	0.9	N	27/03/2016	09:30	1.3	W	27/03/2016	16:00	1.3	NW
27/03/2016	03:05	2.2	W	27/03/2016	09:35	2.2	W	27/03/2016	16:05	1.8	ENE
27/03/2016	03:10	2.2	NW	27/03/2016	09:40	1.3	WNW	27/03/2016	16:10	2.2	NE
27/03/2016	03:15	2.2	W	27/03/2016	09:45	1.8	ENE	27/03/2016	16:15	0.9	N
27/03/2016	03:20	1.8	NNE	27/03/2016	09:50	1.8	W	27/03/2016	16:20	1.8	ENE
27/03/2016	03:25	2.7	WSW	27/03/2016	09:55	1.8	E	27/03/2016	16:25	0.9	NE
27/03/2016	03:30	1.3	W	27/03/2016	10:00	1.8	ENE	27/03/2016	16:30	1.8	ENE
27/03/2016	03:35	1.3	ESE	27/03/2016	10:05	1.3	NNW	27/03/2016	16:35	1.8	NW
27/03/2016	03:40	1.8	NE	27/03/2016	10:10	1.3	NW	27/03/2016	16:40	1.8	SSE
27/03/2016	03:45	2.7	N	27/03/2016	10:15	0.4	W	27/03/2016	16:45	1.8	WNW
27/03/2016	03:50	2.2	W	27/03/2016	10:20	0.9	W	27/03/2016	16:50	1.3	W
27/03/2016	03:55	1.3	NE	27/03/2016	10:25	1.8	W	27/03/2016	16:55	1.8	W
27/03/2016	04:00	1.3	SW	27/03/2016	10:30	1.8	WNW	27/03/2016	17:00	1.3	NNW
27/03/2016	04:05	1.8	NW	27/03/2016	10:35	1.8	ENE	27/03/2016	17:05	1.8	NE
27/03/2016	04:10	2.2	W	27/03/2016	10:40	2.2	WSW	27/03/2016	17:10	1.3	SW
27/03/2016	04:15	1.3	WNW	27/03/2016	10:45	2.2	WSW	27/03/2016	17:15	1.8	NW
27/03/2016	04:20	1.8	SW	27/03/2016	10:50	2.2	WNW	27/03/2016	17:20	2.2	W
27/03/2016	04:25	1.3	NE	27/03/2016	10:55	1.8	W	27/03/2016	17:25	1.3	WNW
27/03/2016	04:30	0.9	NNE	27/03/2016	11:00	2.2	SW	27/03/2016	17:30	1.8	SW
27/03/2016	04:35	1.8	NNW	27/03/2016	11:05	1.3	W	27/03/2016	17:35	1.3	NE
27/03/2016	04:40	2.2	E	27/03/2016	11:10	1.3	WNW	27/03/2016	17:40	0.9	NNE
27/03/2016	04:45	3.6	W	27/03/2016	11:15	1.3	N	27/03/2016	17:45	1.8	NNW
27/03/2016	04:50	1.8	W	27/03/2016	11:20	1.8	SW	27/03/2016	17:50	2.2	E
27/03/2016	04:55	0.9	ENE	27/03/2016	11:25	1.3	SW	27/03/2016	17:55	3.6	W
27/03/2016	05:00	1.8	ENE	27/03/2016	11:30	1.8	NW	27/03/2016	18:00	1.8	W
27/03/2016	05:05	1.3	NW	27/03/2016	11:35	2.2	W	27/03/2016	18:05	0.9	ENE
27/03/2016	05:10	1.8	ENE	27/03/2016	11:40	1.3	WNW	27/03/2016	18:10	1.8	ENE
27/03/2016	05:15	2.2	NE	27/03/2016	11:45	1.8	SW	27/03/2016	18:15	1.3	NW
27/03/2016	05:20	2.2	W	27/03/2016	11:50	1.3	NE	27/03/2016	18:20	1.8	ENE
27/03/2016	05:25	1.3	NNE	27/03/2016	11:55	0.9	NNE	27/03/2016	18:25	2.2	NE
27/03/2016	05:30	2.7	W	27/03/2016	12:00	1.8	NNW	27/03/2016	18:30	2.2	NNE
27/03/2016	05:35	2.2	NE	27/03/2016	12:05	2.2	E	27/03/2016	18:35	1.8	NE
27/03/2016	05:40	2.7	N	27/03/2016	12:10	3.6	W	27/03/2016	18:40	1.8	NNW
27/03/2016	05:45	1.3	W	27/03/2016	12:15	1.8	W	27/03/2016	18:45	2.2	E
27/03/2016	05:50	0.9	NNW	27/03/2016	12:20	0.9	ENE	27/03/2016	18:50	2.2	NNW
27/03/2016	05:55	1.8	NNE	27/03/2016	12:25	1.8	ENE	27/03/2016	18:55	2.2	NNE
27/03/2016	06:00	1.8	NE	27/03/2016	12:30	1.3	NW	27/03/2016	19:00	2.7	W
27/03/2016	06:05	1.8	NE	27/03/2016	12:35	1.8	ENE	27/03/2016	19:05	2.2	NW
27/03/2016	06:10	1.8	W	27/03/2016	12:40	2.2	NE	27/03/2016	19:10	2.7	ENE
27/03/2016	06:15	2.7	W	27/03/2016	12:45	1.3	NW	27/03/2016	19:15	1.8	NE
27/03/2016	06:20	2.2	ENE	27/03/2016	12:50	2.2	ESE	27/03/2016	19:20	2.2	NNE
27/03/2016	06:25	2.7	WNW	27/03/2016	12:55	1.8	SW	27/03/2016	19:25	1.3	SW
27/03/2016	06:30	1.8	WNW	27/03/2016	13:00	1.8	W	27/03/2016	19:30	1.8	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
27/03/2016	19:35	2.2	W	28/03/2016	02:05	3.1	WSW	28/03/2016	08:35	1.8	W
27/03/2016	19:40	1.3	WNW	28/03/2016	02:10	2.2	NNE	28/03/2016	08:40	2.2	W
27/03/2016	19:45	1.8	SW	28/03/2016	02:15	2.2	NW	28/03/2016	08:45	1.3	ESE
27/03/2016	19:50	1.3	NE	28/03/2016	02:20	2.7	WSW	28/03/2016	08:50	0.9	N
27/03/2016	19:55	0.9	NNE	28/03/2016	02:25	2.2	SW	28/03/2016	08:55	0.9	WNW
27/03/2016	20:00	1.8	NNW	28/03/2016	02:30	2.2	W	28/03/2016	09:00	1.8	WSW
27/03/2016	20:05	2.2	E	28/03/2016	02:35	2.2	WNW	28/03/2016	09:05	2.2	W
27/03/2016	20:10	3.6	W	28/03/2016	02:40	1.8	W	28/03/2016	09:10	1.8	WSW
27/03/2016	20:15	1.8	W	28/03/2016	02:45	1.8	N	28/03/2016	09:15	2.2	WSW
27/03/2016	20:20	0.9	ENE	28/03/2016	02:50	2.2	NNW	28/03/2016	09:20	1.3	E
27/03/2016	20:25	1.8	ENE	28/03/2016	02:55	1.8	N	28/03/2016	09:25	1.8	WNW
27/03/2016	20:30	1.3	NW	28/03/2016	03:00	1.8	NE	28/03/2016	09:30	1.8	WSW
27/03/2016	20:35	1.8	ENE	28/03/2016	03:05	1.8	W	28/03/2016	09:35	1.3	WNW
27/03/2016	20:40	2.2	NE	28/03/2016	03:10	3.1	W	28/03/2016	09:40	1.8	ENE
27/03/2016	20:45	2.2	WNW	28/03/2016	03:15	1.8	W	28/03/2016	09:45	0.9	S
27/03/2016	20:50	3.1	W	28/03/2016	03:20	0.9	NE	28/03/2016	09:50	1.3	W
27/03/2016	20:55	3.6	W	28/03/2016	03:25	1.3	NW	28/03/2016	09:55	0.9	NW
27/03/2016	21:00	1.8	NE	28/03/2016	03:30	1.3	W	28/03/2016	10:00	0.9	NE
27/03/2016	21:05	2.2	NW	28/03/2016	03:35	1.3	W	28/03/2016	10:05	0.9	N
27/03/2016	21:10	3.6	W	28/03/2016	03:40	1.3	WNW	28/03/2016	10:10	1.3	NW
27/03/2016	21:15	2.2	WNW	28/03/2016	03:45	1.8	WNW	28/03/2016	10:15	0.9	WNW
27/03/2016	21:20	2.2	WNW	28/03/2016	03:50	2.2	WSW	28/03/2016	10:20	1.3	NNW
27/03/2016	21:25	3.1	W	28/03/2016	03:55	2.2	WNW	28/03/2016	10:25	1.3	NW
27/03/2016	21:30	1.8	W	28/03/2016	04:00	2.2	W	28/03/2016	10:30	2.2	W
27/03/2016	21:35	1.3	NW	28/03/2016	04:05	1.8	WSW	28/03/2016	10:35	2.2	W
27/03/2016	21:40	2.2	WNW	28/03/2016	04:10	1.8	NW	28/03/2016	10:40	1.8	SW
27/03/2016	21:45	2.2	W	28/03/2016	04:15	1.8	WSW	28/03/2016	10:45	1.8	WSW
27/03/2016	21:50	2.2	WNW	28/03/2016	04:20	0.9	W	28/03/2016	10:50	2.7	W
27/03/2016	21:55	1.8	W	28/03/2016	04:25	1.3	E	28/03/2016	10:55	1.3	E
27/03/2016	22:00	1.3	SW	28/03/2016	04:30	2.7	W	28/03/2016	11:00	2.7	W
27/03/2016	22:05	1.8	NW	28/03/2016	04:35	3.6	W	28/03/2016	11:05	3.6	W
27/03/2016	22:10	2.2	W	28/03/2016	04:40	3.1	W	28/03/2016	11:10	3.1	W
27/03/2016	22:15	1.3	WNW	28/03/2016	04:45	2.7	W	28/03/2016	11:15	2.7	W
27/03/2016	22:20	1.8	SW	28/03/2016	04:50	3.1	W	28/03/2016	11:20	3.1	W
27/03/2016	22:25	1.3	NE	28/03/2016	04:55	3.1	W	28/03/2016	11:25	3.1	W
27/03/2016	22:30	0.9	NNE	28/03/2016	05:00	2.7	NW	28/03/2016	11:30	2.7	NW
27/03/2016	22:35	1.8	NNW	28/03/2016	05:05	3.1	NW	28/03/2016	11:35	3.1	NW
27/03/2016	22:40	2.2	E	28/03/2016	05:10	2.7	W	28/03/2016	11:40	2.7	W
27/03/2016	22:45	3.6	W	28/03/2016	05:15	2.2	NNW	28/03/2016	11:45	2.2	NNW
27/03/2016	22:50	1.8	W	28/03/2016	05:20	2.2	W	28/03/2016	11:50	2.2	W
27/03/2016	22:55	0.9	ENE	28/03/2016	05:25	1.8	NW	28/03/2016	11:55	1.8	NW
27/03/2016	23:00	1.8	ENE	28/03/2016	05:30	2.7	W	28/03/2016	12:00	2.7	W
27/03/2016	23:05	1.3	NW	28/03/2016	05:35	2.2	NE	28/03/2016	12:05	2.2	NE
27/03/2016	23:10	1.8	ENE	28/03/2016	05:40	2.7	W	28/03/2016	12:10	2.7	W
27/03/2016	23:15	2.2	NE	28/03/2016	05:45	0.4	NNW	28/03/2016	12:15	2.7	W
27/03/2016	23:20	2.7	W	28/03/2016	05:50	0.4	NE	28/03/2016	12:20	2.2	WNW
27/03/2016	23:25	3.1	WNW	28/03/2016	05:55	0.4	NE	28/03/2016	12:25	2.7	WSW
27/03/2016	23:30	2.7	WSW	28/03/2016	06:00	0.4	W	28/03/2016	12:30	2.2	W
27/03/2016	23:35	2.7	W	28/03/2016	06:05	0.4	NW	28/03/2016	12:35	3.1	W
27/03/2016	23:40	3.1	W	28/03/2016	06:10	0.4	NE	28/03/2016	12:40	2.7	W
27/03/2016	23:45	1.8	SSW	28/03/2016	06:15	0.9	ENE	28/03/2016	12:45	2.2	WNW
27/03/2016	23:50	1.8	W	28/03/2016	06:20	0.9	E	28/03/2016	12:50	2.2	WSW
27/03/2016	23:55	1.8	WNW	28/03/2016	06:25	0.4	NW	28/03/2016	12:55	1.8	WSW
28/03/2016	00:00	2.2	N	28/03/2016	06:30	0.4	ENE	28/03/2016	13:00	1.8	SW
28/03/2016	00:05	2.2	W	28/03/2016	06:35	0.9	NW	28/03/2016	13:05	2.2	W
28/03/2016	00:10	1.3	E	28/03/2016	06:40	0.4	WNW	28/03/2016	13:10	2.2	W
28/03/2016	00:15	2.7	W	28/03/2016	06:45	0.9	W	28/03/2016	13:15	1.3	N
28/03/2016	00:20	3.6	W	28/03/2016	06:50	0.9	W	28/03/2016	13:20	1.3	N
28/03/2016	00:25	3.1	W	28/03/2016	06:55	0.9	W	28/03/2016	13:25	1.8	NE
28/03/2016	00:30	2.7	W	28/03/2016	07:00	0.9	N	28/03/2016	13:30	1.3	NE
28/03/2016	00:35	3.1	W	28/03/2016	07:05	1.3	N	28/03/2016	13:35	2.7	E
28/03/2016	00:40	3.1	W	28/03/2016	07:10	0.4	E	28/03/2016	13:40	2.2	E
28/03/2016	00:45	2.7	NW	28/03/2016	07:15	0.4	WNW	28/03/2016	13:45	2.7	W
28/03/2016	00:50	3.1	NW	28/03/2016	07:20	1.3	WNW	28/03/2016	13:50	1.8	N
28/03/2016	00:55	2.7	W	28/03/2016	07:25	1.3	NW	28/03/2016	13:55	2.7	NE
28/03/2016	01:00	2.2	NNW	28/03/2016	07:30	0.4	SSE	28/03/2016	14:00	2.2	W
28/03/2016	01:05	2.2	W	28/03/2016	07:35	0.4	NNE	28/03/2016	14:05	1.8	W
28/03/2016	01:10	1.8	NW	28/03/2016	07:40	0.9	W	28/03/2016	14:10	1.8	W
28/03/2016	01:15	2.7	W	28/03/2016	07:45	2.2	W	28/03/2016	14:15	2.7	WSW
28/03/2016	01:20	2.2	NE	28/03/2016	07:50	0.9	SW	28/03/2016	14:20	2.7	NW
28/03/2016	01:25	2.7	W	28/03/2016	07:55	2.2	WSW	28/03/2016	14:25	2.2	WNW
28/03/2016	01:30	1.8	WNW	28/03/2016	08:00	1.8	W	28/03/2016	14:30	1.3	WNW
28/03/2016	01:35	1.8	NNE	28/03/2016	08:05	0.9	SW	28/03/2016	14:35	1.8	NNE
28/03/2016	01:40	2.7	NNE	28/03/2016	08:10	0.9	WSW	28/03/2016	14:40	2.7	W
28/03/2016	01:45	2.2	WNW	28/03/2016	08:15	1.3	NW	28/03/2016	14:45	2.2	W
28/03/2016	01:50	2.2	WNW	28/03/2016	08:20	1.3	NE	28/03/2016	14:50	1.8	NE
28/03/2016	01:55	1.8	NNE	28/03/2016	08:25	0.9	E	28/03/2016	14:55	1.8	E
28/03/2016	02:00	2.2	W	28/03/2016	08:30	0.9	W	28/03/2016	15:00	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
28/03/2016	15:05	1.8	NE	28/03/2016	21:35	3.6	W	29/03/2016	04:05	0.4	NE
28/03/2016	15:10	1.8	NE	28/03/2016	21:40	3.1	W	29/03/2016	04:10	0.4	NE
28/03/2016	15:15	1.8	W	28/03/2016	21:45	2.7	W	29/03/2016	04:15	0.4	SW
28/03/2016	15:20	1.3	NE	28/03/2016	21:50	3.1	W	29/03/2016	04:20	1.8	WSW
28/03/2016	15:25	0.9	NNE	28/03/2016	21:55	3.1	W	29/03/2016	04:25	1.3	WSW
28/03/2016	15:30	2.2	E	28/03/2016	22:00	2.7	NW	29/03/2016	04:30	0.9	WSW
28/03/2016	15:35	1.8	NE	28/03/2016	22:05	3.1	NW	29/03/2016	04:35	0.4	WSW
28/03/2016	15:40	2.7	ESE	28/03/2016	22:10	2.7	W	29/03/2016	04:40	0.4	ESE
28/03/2016	15:45	1.8	N	28/03/2016	22:15	2.2	NNW	29/03/2016	04:45	0.4	NE
28/03/2016	15:50	2.2	ENE	28/03/2016	22:20	2.2	W	29/03/2016	04:50	0.4	NE
28/03/2016	15:55	2.2	NW	28/03/2016	22:25	1.8	NW	29/03/2016	04:55	0.9	NE
28/03/2016	16:00	1.8	N	28/03/2016	22:30	2.7	W	29/03/2016	05:00	1.3	NE
28/03/2016	16:05	1.8	NNW	28/03/2016	22:35	2.2	NE	29/03/2016	05:05	0.9	NE
28/03/2016	16:10	1.3	E	28/03/2016	22:40	2.7	W	29/03/2016	05:10	1.3	W
28/03/2016	16:15	2.7	W	28/03/2016	22:45	1.8	NE	29/03/2016	05:15	1.8	W
28/03/2016	16:20	3.6	W	28/03/2016	22:50	2.2	NW	29/03/2016	05:20	1.3	WSW
28/03/2016	16:25	3.1	W	28/03/2016	22:55	2.7	W	29/03/2016	05:25	1.3	SW
28/03/2016	16:30	2.7	W	28/03/2016	23:00	2.7	N	29/03/2016	05:30	0.9	SSW
28/03/2016	16:35	3.1	W	28/03/2016	23:05	2.2	NE	29/03/2016	05:35	1.3	S
28/03/2016	16:40	3.1	W	28/03/2016	23:10	1.3	E	29/03/2016	05:40	0.4	WSW
28/03/2016	16:45	2.7	NW	28/03/2016	23:15	2.7	E	29/03/2016	05:45	0.4	SW
28/03/2016	16:50	3.1	NW	28/03/2016	23:20	0.9	ESE	29/03/2016	05:50	1.3	W
28/03/2016	16:55	2.7	W	28/03/2016	23:25	0.9	NE	29/03/2016	05:55	1.3	SW
28/03/2016	17:00	2.2	NNW	28/03/2016	23:30	1.8	NNE	29/03/2016	06:00	0.9	SSW
28/03/2016	17:05	2.2	W	28/03/2016	23:35	1.8	NW	29/03/2016	06:05	0.9	SSW
28/03/2016	17:10	1.8	NW	28/03/2016	23:40	2.7	NNE	29/03/2016	06:10	0.4	SW
28/03/2016	17:15	2.7	W	28/03/2016	23:45	2.7	NNE	29/03/2016	06:15	0.4	SW
28/03/2016	17:20	2.2	NE	28/03/2016	23:50	2.2	E	29/03/2016	06:20	1.3	W
28/03/2016	17:25	2.7	W	28/03/2016	23:55	2.7	NE	29/03/2016	06:25	1.8	W
28/03/2016	17:30	1.8	WNW	29/03/2016	00:00	1.3	N	29/03/2016	06:30	1.3	WSW
28/03/2016	17:35	1.8	N	29/03/2016	00:05	1.8	S	29/03/2016	06:35	0.9	SW
28/03/2016	17:40	2.7	W	29/03/2016	00:10	0.4	WSW	29/03/2016	06:40	0.9	SW
28/03/2016	17:45	1.8	W	29/03/2016	00:15	0.4	SW	29/03/2016	06:45	1.3	WSW
28/03/2016	17:50	1.8	NNW	29/03/2016	00:20	0.4	ESE	29/03/2016	06:50	1.3	WSW
28/03/2016	17:55	1.8	W	29/03/2016	00:25	0.4	SSW	29/03/2016	06:55	0.9	SSW
28/03/2016	18:00	1.8	NW	29/03/2016	00:30	0.4	SW	29/03/2016	07:00	0.9	SSW
28/03/2016	18:05	1.8	NE	29/03/2016	00:35	1.8	WSW	29/03/2016	07:05	0.9	SSW
28/03/2016	18:10	1.3	NE	29/03/2016	00:40	1.3	WSW	29/03/2016	07:10	1.3	E
28/03/2016	18:15	2.2	WNW	29/03/2016	00:45	0.9	WSW	29/03/2016	07:15	0.9	E
28/03/2016	18:20	3.1	WSW	29/03/2016	00:50	0.4	WSW	29/03/2016	07:20	1.3	ENE
28/03/2016	18:25	1.8	W	29/03/2016	00:55	0.4	ESE	29/03/2016	07:25	1.8	ENE
28/03/2016	18:30	2.2	WSW	29/03/2016	01:00	0.4	NE	29/03/2016	07:30	1.3	NE
28/03/2016	18:35	3.1	WSW	29/03/2016	01:05	0.4	NE	29/03/2016	07:35	1.8	NE
28/03/2016	18:40	2.2	W	29/03/2016	01:10	0.9	NE	29/03/2016	07:40	1.8	NE
28/03/2016	18:45	3.1	WSW	29/03/2016	01:15	1.3	NE	29/03/2016	07:45	1.3	ENE
28/03/2016	18:50	1.3	WNW	29/03/2016	01:20	0.9	NE	29/03/2016	07:50	1.8	NE
28/03/2016	18:55	1.8	WNW	29/03/2016	01:25	1.3	W	29/03/2016	07:55	1.8	NE
28/03/2016	19:00	1.8	W	29/03/2016	01:30	1.8	W	29/03/2016	08:00	1.8	NE
28/03/2016	19:05	1.8	WNW	29/03/2016	01:35	1.3	WSW	29/03/2016	08:05	1.8	NE
28/03/2016	19:10	1.3	W	29/03/2016	01:40	1.3	SW	29/03/2016	08:10	0.9	NE
28/03/2016	19:15	1.3	NNE	29/03/2016	01:45	0.9	SSW	29/03/2016	08:15	0.4	SW
28/03/2016	19:20	1.3	NW	29/03/2016	01:50	0.9	SSW	29/03/2016	08:20	1.3	W
28/03/2016	19:25	2.2	W	29/03/2016	01:55	0.4	SW	29/03/2016	08:25	1.8	W
28/03/2016	19:30	1.8	WNW	29/03/2016	02:00	0.4	SW	29/03/2016	08:30	1.3	WSW
28/03/2016	19:35	1.8	W	29/03/2016	02:05	0.4	SW	29/03/2016	08:35	0.9	SW
28/03/2016	19:40	1.8	WNW	29/03/2016	02:10	1.3	W	29/03/2016	08:40	1.3	WSW
28/03/2016	19:45	1.3	ENE	29/03/2016	02:15	1.8	W	29/03/2016	08:45	1.3	WSW
28/03/2016	19:50	1.8	NNE	29/03/2016	02:20	1.3	WSW	29/03/2016	08:50	0.9	SSW
28/03/2016	19:55	1.3	W	29/03/2016	02:25	1.3	SW	29/03/2016	08:55	1.3	E
28/03/2016	20:00	2.2	W	29/03/2016	02:30	0.9	SW	29/03/2016	09:00	0.9	E
28/03/2016	20:05	1.3	NE	29/03/2016	02:35	0.9	SW	29/03/2016	09:05	0.4	SW
28/03/2016	20:10	1.8	NNE	29/03/2016	02:40	1.3	WSW	29/03/2016	09:10	1.8	WSW
28/03/2016	20:15	1.3	NE	29/03/2016	02:45	1.3	WSW	29/03/2016	09:15	1.3	WSW
28/03/2016	20:20	1.8	NW	29/03/2016	02:50	0.9	WSW	29/03/2016	09:20	0.9	WSW
28/03/2016	20:25	1.8	ENE	29/03/2016	02:55	1.3	WSW	29/03/2016	09:25	0.4	WSW
28/03/2016	20:30	1.8	N	29/03/2016	03:00	0.9	SSW	29/03/2016	09:30	0.4	ESE
28/03/2016	20:35	2.2	N	29/03/2016	03:05	0.9	SSW	29/03/2016	09:35	0.4	NE
28/03/2016	20:40	2.2	NNE	29/03/2016	03:10	0.9	SSW	29/03/2016	09:40	0.4	NE
28/03/2016	20:45	1.3	N	29/03/2016	03:15	0.9	SSW	29/03/2016	09:45	0.9	NE
28/03/2016	20:50	2.7	E	29/03/2016	03:20	0.4	W	29/03/2016	09:50	1.3	NE
28/03/2016	20:55	2.2	NE	29/03/2016	03:25	0.4	SW	29/03/2016	09:55	0.9	NE
28/03/2016	21:00	2.7	NE	29/03/2016	03:30	0.4	SW	29/03/2016	10:00	1.3	W
28/03/2016	21:05	1.3	ENE	29/03/2016	03:35	1.8	WSW	29/03/2016	10:05	1.8	W
28/03/2016	21:10	2.2	E	29/03/2016	03:40	1.3	WSW	29/03/2016	10:10	1.3	WSW
28/03/2016	21:15	1.3	N	29/03/2016	03:45	0.9	WSW	29/03/2016	10:15	1.3	SW
28/03/2016	21:20	1.3	ENE	29/03/2016	03:50	0.4	WSW	29/03/2016	10:20	0.9	SSW
28/03/2016	21:25	1.3	E	29/03/2016	03:55	0.4	WSW	29/03/2016	10:25	1.3	NNE
28/03/2016	21:30	2.7	W	29/03/2016	04:00	0.4	ESE	29/03/2016	10:30	1.3	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
29/03/2016	10:35	2.2	NE	29/03/2016	17:05	1.3	NE	29/03/2016	23:35	0.9	SSW
29/03/2016	10:40	2.7	NE	29/03/2016	17:10	0.9	NE	29/03/2016	23:40	2.7	ENE
29/03/2016	10:45	2.2	NE	29/03/2016	17:15	1.3	W	29/03/2016	23:45	3.1	ENE
29/03/2016	10:50	2.2	NE	29/03/2016	17:20	1.8	W	29/03/2016	23:50	4	ENE
29/03/2016	10:55	1.8	NE	29/03/2016	17:25	1.3	WSW	29/03/2016	23:55	2.7	E
29/03/2016	11:00	2.7	NE	29/03/2016	17:30	1.3	SW	30/03/2016	00:00	3.1	E
29/03/2016	11:05	2.2	E	29/03/2016	17:35	0.9	SSW	30/03/2016	00:05	1.3	ENE
29/03/2016	11:10	0.9	NE	29/03/2016	17:40	0.4	W	30/03/2016	00:10	2.7	ENE
29/03/2016	11:15	1.3	WNW	29/03/2016	17:45	0.9	NW	30/03/2016	00:15	2.2	E
29/03/2016	11:20	3.1	WSW	29/03/2016	17:50	0.9	NNW	30/03/2016	00:20	2.7	E
29/03/2016	11:25	2.2	W	29/03/2016	17:55	0.4	NW	30/03/2016	00:25	0.4	WNW
29/03/2016	11:30	2.2	W	29/03/2016	18:00	0.9	WNW	30/03/2016	00:30	1.3	N
29/03/2016	11:35	1.8	W	29/03/2016	18:05	1.3	W	30/03/2016	00:35	1.3	NNW
29/03/2016	11:40	1.8	WNW	29/03/2016	18:10	0.4	NNW	30/03/2016	00:40	1.3	ENE
29/03/2016	11:45	2.2	W	29/03/2016	18:15	0.9	W	30/03/2016	00:45	2.7	ENE
29/03/2016	11:50	1.3	WNW	29/03/2016	18:20	0.4	WSW	30/03/2016	00:50	2.2	E
29/03/2016	11:55	1.3	WSW	29/03/2016	18:25	1.3	W	30/03/2016	00:55	2.7	ENE
29/03/2016	12:00	1.8	W	29/03/2016	18:30	0.4	NE	30/03/2016	01:00	2.2	E
29/03/2016	12:05	1.8	W	29/03/2016	18:35	0.4	NE	30/03/2016	01:05	2.2	ENE
29/03/2016	12:10	1.8	WNW	29/03/2016	18:40	0.9	WSW	30/03/2016	01:10	0.9	ENE
29/03/2016	12:15	1.3	WNW	29/03/2016	18:45	0.9	W	30/03/2016	01:15	0.9	W
29/03/2016	12:20	0.9	N	29/03/2016	18:50	0.9	WNW	30/03/2016	01:20	1.3	WSW
29/03/2016	12:25	0.9	N	29/03/2016	18:55	1.3	W	30/03/2016	01:25	1.3	WSW
29/03/2016	12:30	1.3	N	29/03/2016	19:00	0.4	NNW	30/03/2016	01:30	0.9	NW
29/03/2016	12:35	0.4	SW	29/03/2016	19:05	0.9	N	30/03/2016	01:35	0.9	SSW
29/03/2016	12:40	1.8	WSW	29/03/2016	19:10	1.8	NE	30/03/2016	01:40	0.4	SE
29/03/2016	12:45	1.3	WSW	29/03/2016	19:15	0.4	N	30/03/2016	01:45	0.4	E
29/03/2016	12:50	0.9	WSW	29/03/2016	19:20	0.4	N	30/03/2016	01:50	0.9	E
29/03/2016	12:55	0.4	WSW	29/03/2016	19:25	0.4	N	30/03/2016	01:55	0.4	N
29/03/2016	13:00	0.4	ESE	29/03/2016	19:30	0.9	NNE	30/03/2016	02:00	0.9	WSW
29/03/2016	13:05	0.4	NE	29/03/2016	19:35	0.4	NNW	30/03/2016	02:05	0.4	WSW
29/03/2016	13:10	0.4	NE	29/03/2016	19:40	0.9	W	30/03/2016	02:10	0.4	WSW
29/03/2016	13:15	0.9	NE	29/03/2016	19:45	0.9	W	30/03/2016	02:15	0.4	WNW
29/03/2016	13:20	1.3	NE	29/03/2016	19:50	0.4	SW	30/03/2016	02:20	0.4	WNW
29/03/2016	13:25	0.9	NE	29/03/2016	19:55	1.8	WSW	30/03/2016	02:25	1.3	N
29/03/2016	13:30	1.3	W	29/03/2016	20:00	1.3	WSW	30/03/2016	02:30	1.3	NNW
29/03/2016	13:35	1.8	W	29/03/2016	20:05	0.9	WSW	30/03/2016	02:35	1.3	ENE
29/03/2016	13:40	1.3	WSW	29/03/2016	20:10	0.4	WSW	30/03/2016	02:40	2.7	ENE
29/03/2016	13:45	1.3	SW	29/03/2016	20:15	0.4	ESE	30/03/2016	02:45	2.2	E
29/03/2016	13:50	0.9	SSW	29/03/2016	20:20	0.4	NE	30/03/2016	02:50	2.7	E
29/03/2016	13:55	1.8	N	29/03/2016	20:25	0.4	NE	30/03/2016	02:55	2.7	ENE
29/03/2016	14:00	1.3	NNE	29/03/2016	20:30	0.9	NE	30/03/2016	03:00	3.6	E
29/03/2016	14:05	1.3	NE	29/03/2016	20:35	1.3	NE	30/03/2016	03:05	2.7	ENE
29/03/2016	14:10	0.9	NE	29/03/2016	20:40	0.9	NE	30/03/2016	03:10	2.2	E
29/03/2016	14:15	0.4	ENE	29/03/2016	20:45	1.3	W	30/03/2016	03:15	2.2	ENE
29/03/2016	14:20	0.4	NNE	29/03/2016	20:50	1.8	W	30/03/2016	03:20	0.9	ENE
29/03/2016	14:25	1.8	W	29/03/2016	20:55	1.3	WSW	30/03/2016	03:25	0.9	W
29/03/2016	14:30	2.2	W	29/03/2016	21:00	1.3	SW	30/03/2016	03:30	1.3	WSW
29/03/2016	14:35	2.2	W	29/03/2016	21:05	0.9	SSW	30/03/2016	03:35	0.9	NW
29/03/2016	14:40	2.2	WSW	29/03/2016	21:10	0.4	SW	30/03/2016	03:40	0.9	SSW
29/03/2016	14:45	2.7	WSW	29/03/2016	21:15	1.3	W	30/03/2016	03:45	0.4	N
29/03/2016	14:50	0.4	WSW	29/03/2016	21:20	1.3	SW	30/03/2016	03:50	0.9	WSW
29/03/2016	14:55	0.4	SW	29/03/2016	21:25	0.9	SSW	30/03/2016	03:55	0.4	WSW
29/03/2016	15:00	1.3	W	29/03/2016	21:30	1.8	NW	30/03/2016	04:00	0.4	WSW
29/03/2016	15:05	1.3	SW	29/03/2016	21:35	1.3	NW	30/03/2016	04:05	0.4	WNW
29/03/2016	15:10	0.9	SSW	29/03/2016	21:40	0.9	SW	30/03/2016	04:10	1.8	NE
29/03/2016	15:15	1.3	WNW	29/03/2016	21:45	0.9	NNW	30/03/2016	04:15	2.2	ENE
29/03/2016	15:20	0.9	WNW	29/03/2016	21:50	0.9	WNW	30/03/2016	04:20	2.2	N
29/03/2016	15:25	0.9	WNW	29/03/2016	21:55	1.3	WNW	30/03/2016	04:25	2.2	ENE
29/03/2016	15:30	1.3	W	29/03/2016	22:00	1.8	W	30/03/2016	04:30	0.4	NNE
29/03/2016	15:35	1.3	WNW	29/03/2016	22:05	2.7	W	30/03/2016	04:35	0.4	WNW
29/03/2016	15:40	1.8	W	29/03/2016	22:10	1.3	WNW	30/03/2016	04:40	1.3	N
29/03/2016	15:45	1.8	W	29/03/2016	22:15	1.3	WSW	30/03/2016	04:45	1.3	NNW
29/03/2016	15:50	2.2	WSW	29/03/2016	22:20	0.4	SW	30/03/2016	04:50	1.3	ENE
29/03/2016	15:55	0.9	W	29/03/2016	22:25	1.8	WSW	30/03/2016	04:55	2.7	ENE
29/03/2016	16:00	1.8	NW	29/03/2016	22:30	1.3	WSW	30/03/2016	05:00	2.2	E
29/03/2016	16:05	1.3	WNW	29/03/2016	22:35	0.9	WSW	30/03/2016	05:05	2.7	ENE
29/03/2016	16:10	1.3	WNW	29/03/2016	22:40	0.4	WSW	30/03/2016	05:10	2.2	E
29/03/2016	16:15	1.8	NW	29/03/2016	22:45	0.4	ESE	30/03/2016	05:15	2.2	ENE
29/03/2016	16:20	0.4	SW	29/03/2016	22:50	0.4	NE	30/03/2016	05:20	0.9	ENE
29/03/2016	16:25	1.8	WSW	29/03/2016	22:55	0.4	NE	30/03/2016	05:25	0.9	W
29/03/2016	16:30	1.3	WSW	29/03/2016	23:00	0.9	NE	30/03/2016	05:30	1.3	WSW
29/03/2016	16:35	0.9	WSW	29/03/2016	23:05	1.3	NE	30/03/2016	05:35	1.3	WSW
29/03/2016	16:40	0.4	WSW	29/03/2016	23:10	0.9	NE	30/03/2016	05:40	0.9	NW
29/03/2016	16:45	0.4	ESE	29/03/2016	23:15	1.3	W	30/03/2016	05:45	0.9	SSW
29/03/2016	16:50	0.4	NE	29/03/2016	23:20	1.8	W	30/03/2016	05:50	0.4	SE
29/03/2016	16:55	0.4	NE	29/03/2016	23:25	1.3	WSW	30/03/2016	05:55	0.4	E
29/03/2016	17:00	0.9	NE	29/03/2016	23:30	1.3	SW	30/03/2016	06:00	1.8	SSE

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
30/03/2016	06:05	1.8	W	30/03/2016	12:35	1.3	W	30/03/2016	19:05	2.2	ENE
30/03/2016	06:10	0.4	NW	30/03/2016	12:40	2.2	WSW	30/03/2016	19:10	0.9	ENE
30/03/2016	06:15	0.9	NW	30/03/2016	12:45	2.2	WSW	30/03/2016	19:15	0.9	W
30/03/2016	06:20	0.4	NW	30/03/2016	12:50	0.4	E	30/03/2016	19:20	1.3	WSW
30/03/2016	06:25	0.4	NW	30/03/2016	12:55	0.4	E	30/03/2016	19:25	1.3	WSW
30/03/2016	06:30	2.2	N	30/03/2016	13:00	0.4	S	30/03/2016	19:30	0.9	NW
30/03/2016	06:35	2.2	ENE	30/03/2016	13:05	0.9	ENE	30/03/2016	19:35	0.9	SSW
30/03/2016	06:40	0.4	NNE	30/03/2016	13:10	0.4	SSE	30/03/2016	19:40	0.4	SE
30/03/2016	06:45	0.9	E	30/03/2016	13:15	0.9	E	30/03/2016	19:45	0.4	E
30/03/2016	06:50	1.3	ENE	30/03/2016	13:20	1.8	SSE	30/03/2016	19:50	0.4	ENE
30/03/2016	06:55	0.9	E	30/03/2016	13:25	1.8	NE	30/03/2016	19:55	1.8	E
30/03/2016	07:00	0.9	NE	30/03/2016	13:30	0.4	NE	30/03/2016	20:00	0.9	W
30/03/2016	07:05	0.9	SSE	30/03/2016	13:35	0.9	NNE	30/03/2016	20:05	0.4	E
30/03/2016	07:10	0.9	ENE	30/03/2016	13:40	1.8	NNE	30/03/2016	20:10	1.8	NNW
30/03/2016	07:15	0.4	E	30/03/2016	13:45	2.2	NE	30/03/2016	20:15	1.3	W
30/03/2016	07:20	0.4	E	30/03/2016	13:50	1.3	NE	30/03/2016	20:20	0.9	NNW
30/03/2016	07:25	0.4	S	30/03/2016	13:55	0.4	WNW	30/03/2016	20:25	1.3	WSW
30/03/2016	07:30	0.9	ENE	30/03/2016	14:00	1.3	N	30/03/2016	20:30	1.3	NNE
30/03/2016	07:35	0.4	SSE	30/03/2016	14:05	1.3	NNW	30/03/2016	20:35	2.2	ENE
30/03/2016	07:40	0.9	E	30/03/2016	14:10	1.3	ENE	30/03/2016	20:40	1.3	N
30/03/2016	07:45	1.8	SSE	30/03/2016	14:15	2.7	ENE	30/03/2016	20:45	1.8	NE
30/03/2016	07:50	1.8	W	30/03/2016	14:20	2.2	E	30/03/2016	20:50	2.7	NE
30/03/2016	07:55	0.4	NW	30/03/2016	14:25	2.7	ENE	30/03/2016	20:55	2.7	NE
30/03/2016	08:00	0.9	NW	30/03/2016	14:30	2.2	E	30/03/2016	21:00	2.2	NNE
30/03/2016	08:05	1.8	NE	30/03/2016	14:35	2.2	ENE	30/03/2016	21:05	0.4	W
30/03/2016	08:10	0.4	NE	30/03/2016	14:40	0.9	ENE	30/03/2016	21:10	0.9	N
30/03/2016	08:15	0.9	NNE	30/03/2016	14:45	0.9	W	30/03/2016	21:15	1.3	NNE
30/03/2016	08:20	1.8	NNE	30/03/2016	14:50	1.3	WSW	30/03/2016	21:20	0.4	NNE
30/03/2016	08:25	2.2	NE	30/03/2016	14:55	1.3	WSW	30/03/2016	21:25	0.4	NNE
30/03/2016	08:30	1.3	NE	30/03/2016	15:00	0.9	NW	30/03/2016	21:30	0.4	NNE
30/03/2016	08:35	0.9	N	30/03/2016	15:05	0.9	SSW	30/03/2016	21:35	0.4	NNE
30/03/2016	08:40	2.2	NE	30/03/2016	15:10	0.4	SE	30/03/2016	21:40	0.4	NW
30/03/2016	08:45	1.8	NE	30/03/2016	15:15	0.4	E	30/03/2016	21:45	1.3	NW
30/03/2016	08:50	2.7	NNE	30/03/2016	15:20	0.4	NE	30/03/2016	21:50	0.4	NNW
30/03/2016	08:55	3.1	N	30/03/2016	15:25	0.4	E	30/03/2016	21:55	0.4	SW
30/03/2016	09:00	2.7	NE	30/03/2016	15:30	1.3	ENE	30/03/2016	22:00	0.4	ESE
30/03/2016	09:05	3.1	NNE	30/03/2016	15:35	3.1	WSW	30/03/2016	22:05	2.7	E
30/03/2016	09:10	2.2	NNE	30/03/2016	15:40	1.8	WSW	30/03/2016	22:10	0.9	ENE
30/03/2016	09:15	2.7	NE	30/03/2016	15:45	0.9	NW	30/03/2016	22:15	1.3	ENE
30/03/2016	09:20	1.8	ENE	30/03/2016	15:50	1.3	W	30/03/2016	22:20	0.9	NNW
30/03/2016	09:25	1.8	NE	30/03/2016	15:55	1.3	W	30/03/2016	22:25	0.9	N
30/03/2016	09:30	0.9	NE	30/03/2016	16:00	0.9	W	30/03/2016	22:30	0.4	WNW
30/03/2016	09:35	2.2	E	30/03/2016	16:05	0.4	E	30/03/2016	22:35	1.3	N
30/03/2016	09:40	1.8	ENE	30/03/2016	16:10	1.8	NNW	30/03/2016	22:40	1.3	NNW
30/03/2016	09:45	1.8	ENE	30/03/2016	16:15	1.3	W	30/03/2016	22:45	1.3	ENE
30/03/2016	09:50	0.4	WNW	30/03/2016	16:20	0.9	NNW	30/03/2016	22:50	2.7	ENE
30/03/2016	09:55	1.3	N	30/03/2016	16:25	1.3	WSW	30/03/2016	22:55	2.2	E
30/03/2016	10:00	1.3	NNW	30/03/2016	16:30	1.3	NNE	30/03/2016	23:00	2.7	ENE
30/03/2016	10:05	1.3	ENE	30/03/2016	16:35	2.2	ENE	30/03/2016	23:05	2.2	E
30/03/2016	10:10	2.7	ENE	30/03/2016	16:40	4	E	30/03/2016	23:10	2.2	ENE
30/03/2016	10:15	2.2	E	30/03/2016	16:45	2.2	E	30/03/2016	23:15	0.9	ENE
30/03/2016	10:20	2.7	ENE	30/03/2016	16:50	0.9	ESE	30/03/2016	23:20	0.9	W
30/03/2016	10:25	2.2	E	30/03/2016	16:55	1.3	N	30/03/2016	23:25	1.3	WSW
30/03/2016	10:30	2.2	ENE	30/03/2016	17:00	1.3	N	30/03/2016	23:30	1.3	WSW
30/03/2016	10:35	0.9	ENE	30/03/2016	17:05	1.8	NE	30/03/2016	23:35	0.9	NW
30/03/2016	10:40	0.9	W	30/03/2016	17:10	2.7	NE	30/03/2016	23:40	0.9	SSW
30/03/2016	10:45	1.3	WSW	30/03/2016	17:15	2.7	NE	30/03/2016	23:45	0.4	SE
30/03/2016	10:50	1.3	WSW	30/03/2016	17:20	2.2	NNE	30/03/2016	23:50	0.4	E
30/03/2016	10:55	0.9	NW	30/03/2016	17:25	0.4	W	30/03/2016	23:55	0.4	ENE
30/03/2016	11:00	0.9	SSW	30/03/2016	17:30	1.3	WNW	31/03/2016	00:00	0.9	E
30/03/2016	11:05	0.4	SE	30/03/2016	17:35	1.8	NW	31/03/2016	00:05	0.9	E
30/03/2016	11:10	0.4	E	30/03/2016	17:40	0.9	W	31/03/2016	00:10	0.9	NE
30/03/2016	11:15	1.3	W	30/03/2016	17:45	0.9	NNW	31/03/2016	00:15	1.3	ENE
30/03/2016	11:20	1.3	NE	30/03/2016	17:50	0.9	N	31/03/2016	00:20	2.7	NE
30/03/2016	11:25	2.2	W	30/03/2016	17:55	1.3	NNE	31/03/2016	00:25	2.7	NE
30/03/2016	11:30	1.8	W	30/03/2016	18:00	0.4	NNE	31/03/2016	00:30	1.8	ENE
30/03/2016	11:35	0.9	W	30/03/2016	18:05	0.4	NNE	31/03/2016	00:35	1.3	ENE
30/03/2016	11:40	1.3	W	30/03/2016	18:10	0.4	NNE	31/03/2016	00:40	1.8	E
30/03/2016	11:45	1.3	W	30/03/2016	18:15	0.4	NNE	31/03/2016	00:45	1.3	ENE
30/03/2016	11:50	2.7	SW	30/03/2016	18:20	0.4	NE	31/03/2016	00:50	1.8	N
30/03/2016	11:55	2.7	WSW	30/03/2016	18:25	0.4	WNW	31/03/2016	00:55	0.9	N
30/03/2016	12:00	1.8	SW	30/03/2016	18:30	1.3	N	31/03/2016	01:00	0.9	N
30/03/2016	12:05	1.3	WSW	30/03/2016	18:35	1.3	NNW	31/03/2016	01:05	1.8	W
30/03/2016	12:10	1.3	WNW	30/03/2016	18:40	1.3	ENE	31/03/2016	01:10	0.9	NW
30/03/2016	12:15	1.8	NW	30/03/2016	18:45	2.7	ENE	31/03/2016	01:15	1.3	NE
30/03/2016	12:20	1.3	E	30/03/2016	18:50	2.2	E	31/03/2016	01:20	1.3	NNE
30/03/2016	12:25	0.9	NE	30/03/2016	18:55	2.7	ENE	31/03/2016	01:25	0.9	NW
30/03/2016	12:30	2.2	WNW	30/03/2016	19:00	2.2	E	31/03/2016	01:30	0.9	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
31/03/2016	01:35	2.7	NE	31/03/2016	08:05	1.3	SW	31/03/2016	14:35	2.7	W
31/03/2016	01:40	1.8	ENE	31/03/2016	08:10	1.3	WSW	31/03/2016	14:40	1.3	WNW
31/03/2016	01:45	2.2	NE	31/03/2016	08:15	1.3	WSW	31/03/2016	14:45	2.2	NE
31/03/2016	01:50	2.2	W	31/03/2016	08:20	0.4	WNW	31/03/2016	14:50	3.1	NE
31/03/2016	01:55	2.2	W	31/03/2016	08:25	0.9	N	31/03/2016	14:55	2.2	NE
31/03/2016	02:00	2.2	E	31/03/2016	08:30	0.4	ENE	31/03/2016	15:00	0.9	N
31/03/2016	02:05	1.8	E	31/03/2016	08:35	0.9	ENE	31/03/2016	15:05	1.8	W
31/03/2016	02:10	1.8	ENE	31/03/2016	08:40	0.9	ENE	31/03/2016	15:10	1.8	NW
31/03/2016	02:15	1.8	ENE	31/03/2016	08:45	0.9	E	31/03/2016	15:15	0.9	NW
31/03/2016	02:20	0.9	NNE	31/03/2016	08:50	0.9	NE	31/03/2016	15:20	0.9	NW
31/03/2016	02:25	0.9	NE	31/03/2016	08:55	1.8	WSW	31/03/2016	15:25	0.9	W
31/03/2016	02:30	0.9	ENE	31/03/2016	09:00	1.3	ENE	31/03/2016	15:30	0.9	WNW
31/03/2016	02:35	0.9	ENE	31/03/2016	09:05	2.7	NE	31/03/2016	15:35	2.2	N
31/03/2016	02:40	0.9	ENE	31/03/2016	09:10	2.7	NE	31/03/2016	15:40	2.7	NE
31/03/2016	02:45	0.4	ENE	31/03/2016	09:15	1.8	ENE	31/03/2016	15:45	2.7	N
31/03/2016	02:50	0.9	ENE	31/03/2016	09:20	1.3	ENE	31/03/2016	15:50	2.7	NE
31/03/2016	02:55	0.9	ENE	31/03/2016	09:25	1.8	E	31/03/2016	15:55	2.7	NE
31/03/2016	03:00	0.9	ENE	31/03/2016	09:30	1.3	ENE	31/03/2016	16:00	1.8	E
31/03/2016	03:05	0.9	ENE	31/03/2016	09:35	1.8	N	31/03/2016	16:05	0.9	ENE
31/03/2016	03:10	1.3	ENE	31/03/2016	09:40	0.9	N	31/03/2016	16:10	1.3	NNW
31/03/2016	03:15	0.4	E	31/03/2016	09:45	0.9	N	31/03/2016	16:15	1.8	N
31/03/2016	03:20	0.4	ENE	31/03/2016	09:50	1.8	W	31/03/2016	16:20	1.8	NNW
31/03/2016	03:25	0.4	ENE	31/03/2016	09:55	0.9	NW	31/03/2016	16:25	0.9	NE
31/03/2016	03:30	0.4	ENE	31/03/2016	10:00	1.3	NE	31/03/2016	16:30	1.8	N
31/03/2016	03:35	0.4	ENE	31/03/2016	10:05	1.3	NNE	31/03/2016	16:35	0.9	NNE
31/03/2016	03:40	0.4	WSW	31/03/2016	10:10	0.9	NW	31/03/2016	16:40	1.8	NW
31/03/2016	03:45	0.4	WSW	31/03/2016	10:15	0.9	W	31/03/2016	16:45	1.3	ENE
31/03/2016	03:50	0.4	WSW	31/03/2016	10:20	0.4	ENE	31/03/2016	16:50	2.7	NE
31/03/2016	03:55	0.4	WNW	31/03/2016	10:25	0.9	ENE	31/03/2016	16:55	2.7	NE
31/03/2016	04:00	0.9	NNW	31/03/2016	10:30	0.9	ENE	31/03/2016	17:00	1.8	ENE
31/03/2016	04:05	0.4	N	31/03/2016	10:35	0.9	ENE	31/03/2016	17:05	1.3	ENE
31/03/2016	04:10	1.3	ENE	31/03/2016	10:40	0.9	ENE	31/03/2016	17:10	1.8	E
31/03/2016	04:15	2.7	NE	31/03/2016	10:45	0.4	E	31/03/2016	17:15	1.3	ENE
31/03/2016	04:20	2.7	NE	31/03/2016	10:50	0.4	NW	31/03/2016	17:20	1.8	N
31/03/2016	04:25	1.8	ENE	31/03/2016	10:55	0.4	WSW	31/03/2016	17:25	0.9	N
31/03/2016	04:30	1.3	ENE	31/03/2016	11:00	0.4	WSW	31/03/2016	17:30	0.9	N
31/03/2016	04:35	1.8	E	31/03/2016	11:05	2.2	E	31/03/2016	17:35	1.8	W
31/03/2016	04:40	1.3	ENE	31/03/2016	11:10	2.2	E	31/03/2016	17:40	0.9	NW
31/03/2016	04:45	1.8	N	31/03/2016	11:15	1.8	E	31/03/2016	17:45	1.3	NE
31/03/2016	04:50	0.9	N	31/03/2016	11:20	1.8	E	31/03/2016	17:50	1.3	NNE
31/03/2016	04:55	0.9	N	31/03/2016	11:25	1.8	ENE	31/03/2016	17:55	0.9	NW
31/03/2016	05:00	1.8	W	31/03/2016	11:30	0.9	ENE	31/03/2016	18:00	0.9	W
31/03/2016	05:05	0.9	NW	31/03/2016	11:35	0.9	ENE	31/03/2016	18:05	0.9	WSW
31/03/2016	05:10	1.3	NE	31/03/2016	11:40	0.9	ENE	31/03/2016	18:10	0.4	NNW
31/03/2016	05:15	1.3	NNE	31/03/2016	11:45	0.9	ENE	31/03/2016	18:15	0.4	NNW
31/03/2016	05:20	0.9	NW	31/03/2016	11:50	0.9	NE	31/03/2016	18:20	0.9	SW
31/03/2016	05:25	0.9	W	31/03/2016	11:55	1.8	WNW	31/03/2016	18:25	2.7	NE
31/03/2016	05:30	1.8	ENE	31/03/2016	12:00	0.9	W	31/03/2016	18:30	1.8	E
31/03/2016	05:35	1.8	ENE	31/03/2016	12:05	2.2	W	31/03/2016	18:35	0.9	ENE
31/03/2016	05:40	0.9	NNE	31/03/2016	12:10	2.2	W	31/03/2016	18:40	1.3	NNW
31/03/2016	05:45	0.9	NE	31/03/2016	12:15	3.1	W	31/03/2016	18:45	1.8	N
31/03/2016	05:50	0.4	ENE	31/03/2016	12:20	2.7	W	31/03/2016	18:50	1.8	NNW
31/03/2016	05:55	0.9	ENE	31/03/2016	12:25	2.7	W	31/03/2016	18:55	1.8	N
31/03/2016	06:00	0.9	ENE	31/03/2016	12:30	1.8	W	31/03/2016	19:00	0.9	NNE
31/03/2016	06:05	0.9	ENE	31/03/2016	12:35	0.9	W	31/03/2016	19:05	1.8	NW
31/03/2016	06:10	0.9	ENE	31/03/2016	12:40	1.3	WNW	31/03/2016	19:10	1.8	WSW
31/03/2016	06:15	1.3	ENE	31/03/2016	12:45	1.3	ENE	31/03/2016	19:15	0.4	NW
31/03/2016	06:20	0.4	ENE	31/03/2016	12:50	2.7	NE	31/03/2016	19:20	0.9	W
31/03/2016	06:25	0.4	WSW	31/03/2016	12:55	2.7	NE	31/03/2016	19:25	2.2	W
31/03/2016	06:30	0.4	WSW	31/03/2016	13:00	1.8	ENE	31/03/2016	19:30	0.9	ESE
31/03/2016	06:35	0.4	WSW	31/03/2016	13:05	1.3	ENE	31/03/2016	19:35	1.3	WNW
31/03/2016	06:40	0.4	WNW	31/03/2016	13:10	1.8	E	31/03/2016	19:40	1.8	W
31/03/2016	06:45	0.9	NNW	31/03/2016	13:15	1.3	ENE	31/03/2016	19:45	1.8	W
31/03/2016	06:50	1.3	WNW	31/03/2016	13:20	1.8	N	31/03/2016	19:50	0.9	W
31/03/2016	06:55	1.8	WSW	31/03/2016	13:25	0.9	N	31/03/2016	19:55	0.9	W
31/03/2016	07:00	2.7	W	31/03/2016	13:30	0.9	N	31/03/2016	20:00	0.9	W
31/03/2016	07:05	1.8	W	31/03/2016	13:35	1.8	W	31/03/2016	20:05	0.4	NW
31/03/2016	07:10	1.8	W	31/03/2016	13:40	0.9	NW	31/03/2016	20:10	0.4	WSW
31/03/2016	07:15	0.9	W	31/03/2016	13:45	1.3	NE	31/03/2016	20:15	1.3	W
31/03/2016	07:20	0.9	W	31/03/2016	13:50	1.3	NNE	31/03/2016	20:20	0.4	E
31/03/2016	07:25	0.9	W	31/03/2016	13:55	0.9	NW	31/03/2016	20:25	0.4	E
31/03/2016	07:30	0.4	W	31/03/2016	14:00	0.9	W	31/03/2016	20:30	0.9	E
31/03/2016	07:35	0.9	W	31/03/2016	14:05	1.8	ENE	31/03/2016	20:35	0.9	ENE
31/03/2016	07:40	0.4	W	31/03/2016	14:10	2.2	NE	31/03/2016	20:40	0.9	ENE
31/03/2016	07:45	0.9	WSW	31/03/2016	14:15	2.2	W	31/03/2016	20:45	1.3	ENE
31/03/2016	07:50	0.4	NNW	31/03/2016	14:20	2.2	W	31/03/2016	20:50	2.7	NE
31/03/2016	07:55	0.4	NNW	31/03/2016	14:25	3.1	W	31/03/2016	20:55	2.7	NE
31/03/2016	08:00	0.9	SW	31/03/2016	14:30	2.7	W	31/03/2016	21:00	1.8	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
31/03/2016	21:05	1.3	ENE								
31/03/2016	21:10	1.8	E								
31/03/2016	21:15	1.3	ENE								
31/03/2016	21:20	1.8	N								
31/03/2016	21:25	0.9	N								
31/03/2016	21:30	0.9	N								
31/03/2016	21:35	1.8	W								
31/03/2016	21:40	0.9	NW								
31/03/2016	21:45	1.3	NE								
31/03/2016	21:50	1.3	NNE								
31/03/2016	21:55	0.9	NW								
31/03/2016	22:00	0.9	W								
31/03/2016	22:05	0.4	E								
31/03/2016	22:10	0.4	ESE								
31/03/2016	22:15	1.3	E								
31/03/2016	22:20	1.3	E								
31/03/2016	22:25	0.4	E								
31/03/2016	22:30	0.4	E								
31/03/2016	22:35	0.9	E								
31/03/2016	22:40	0.9	ENE								
31/03/2016	22:45	0.9	ENE								
31/03/2016	22:50	1.3	ENE								
31/03/2016	22:55	2.7	NE								
31/03/2016	23:00	2.7	NE								
31/03/2016	23:05	1.8	ENE								
31/03/2016	23:10	1.3	ENE								
31/03/2016	23:15	1.8	E								
31/03/2016	23:20	1.3	ENE								
31/03/2016	23:25	1.8	N								
31/03/2016	23:30	0.9	N								
31/03/2016	23:35	0.9	N								
31/03/2016	23:40	1.8	W								
31/03/2016	23:45	0.9	NW								
31/03/2016	23:50	1.3	NE								
31/03/2016	23:55	1.3	NNE								
01/04/2016	00:00	0.9	NW								

APPENDIX H

Dolphin Monitoring Results

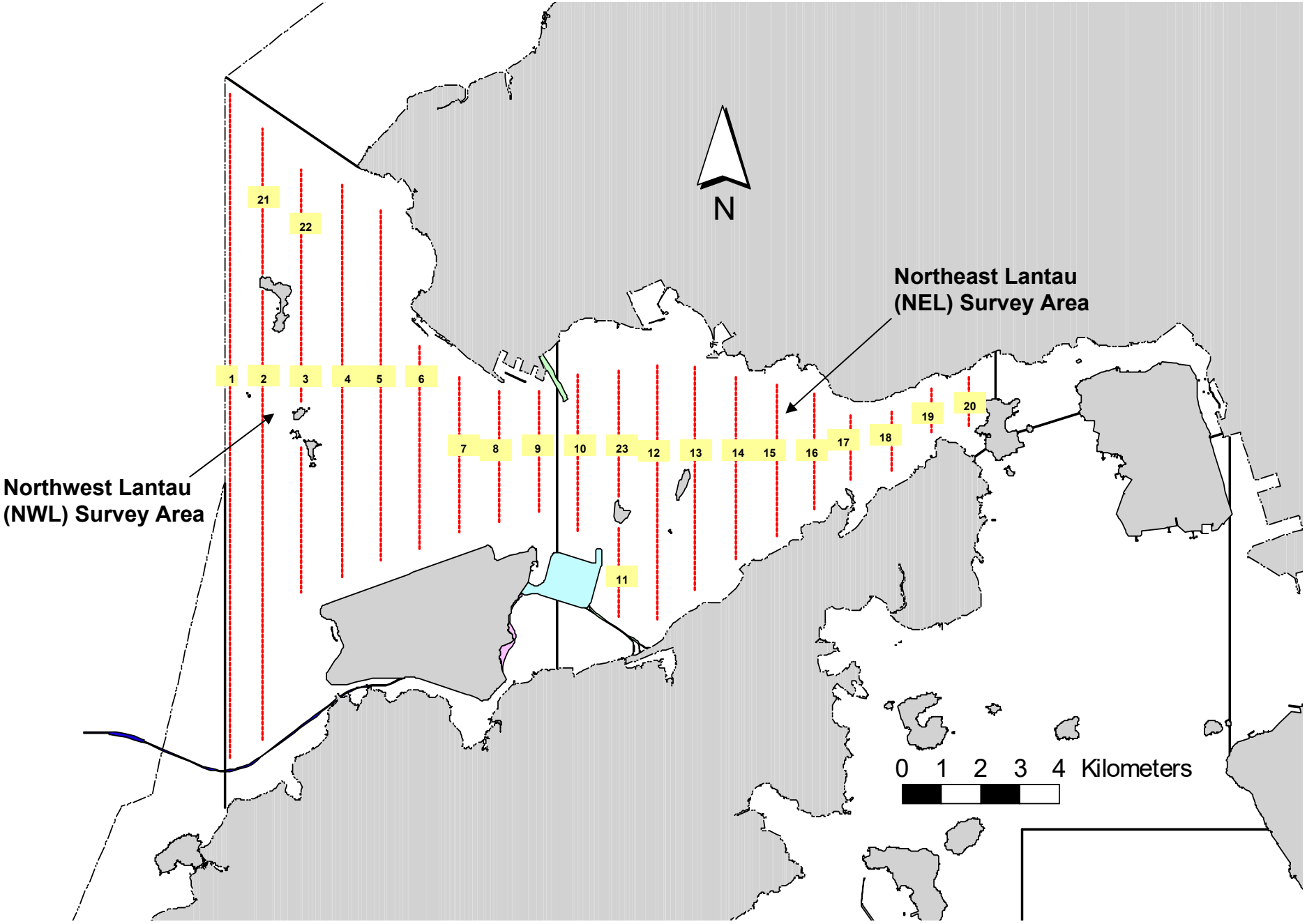


Figure 1. Transect Line Layout in Northwest and Northeast Lantau Survey Areas

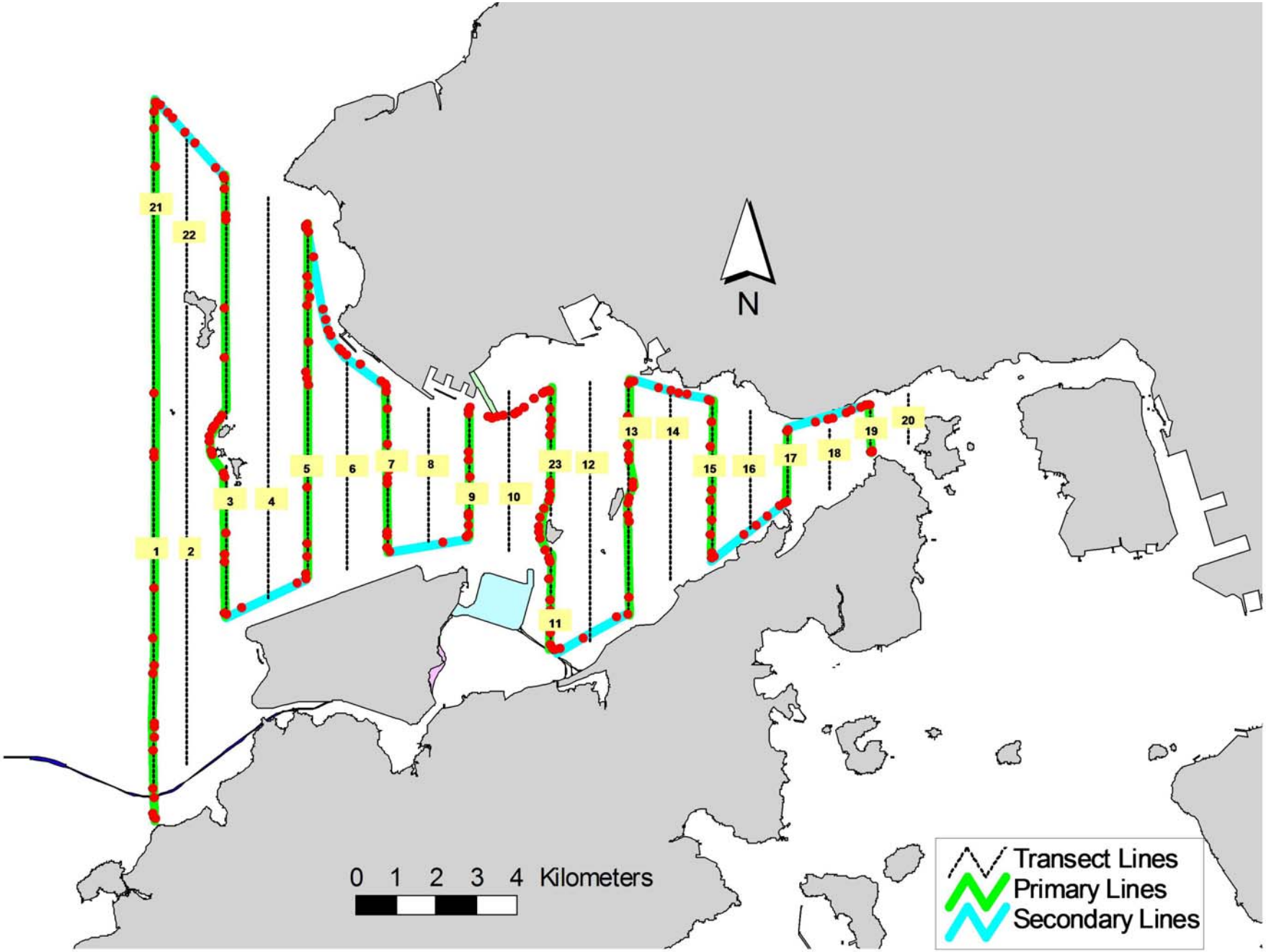


Figure 2. Survey Route on March 7th, 2016

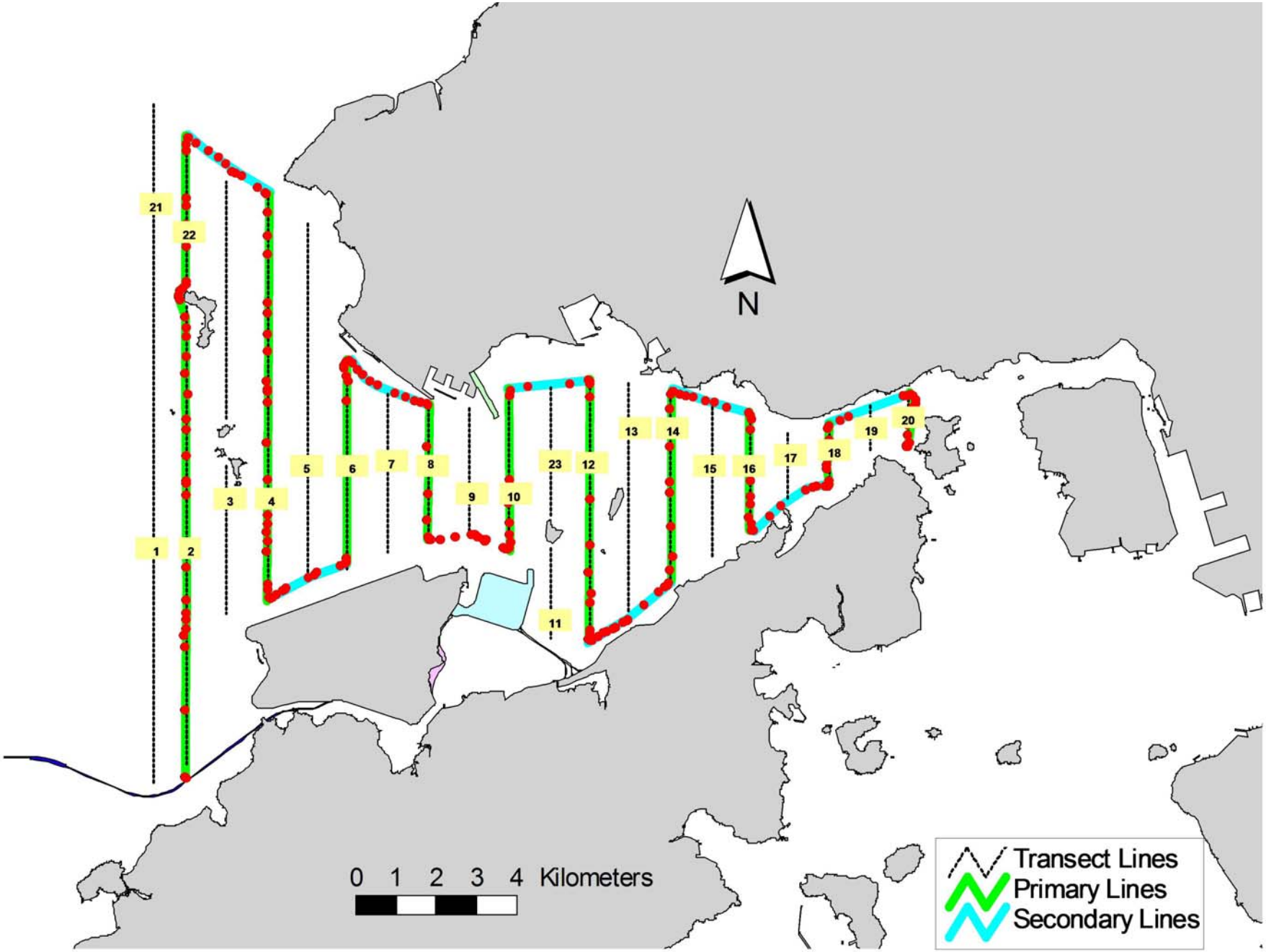


Figure 3. Survey Route on March 11th, 2016

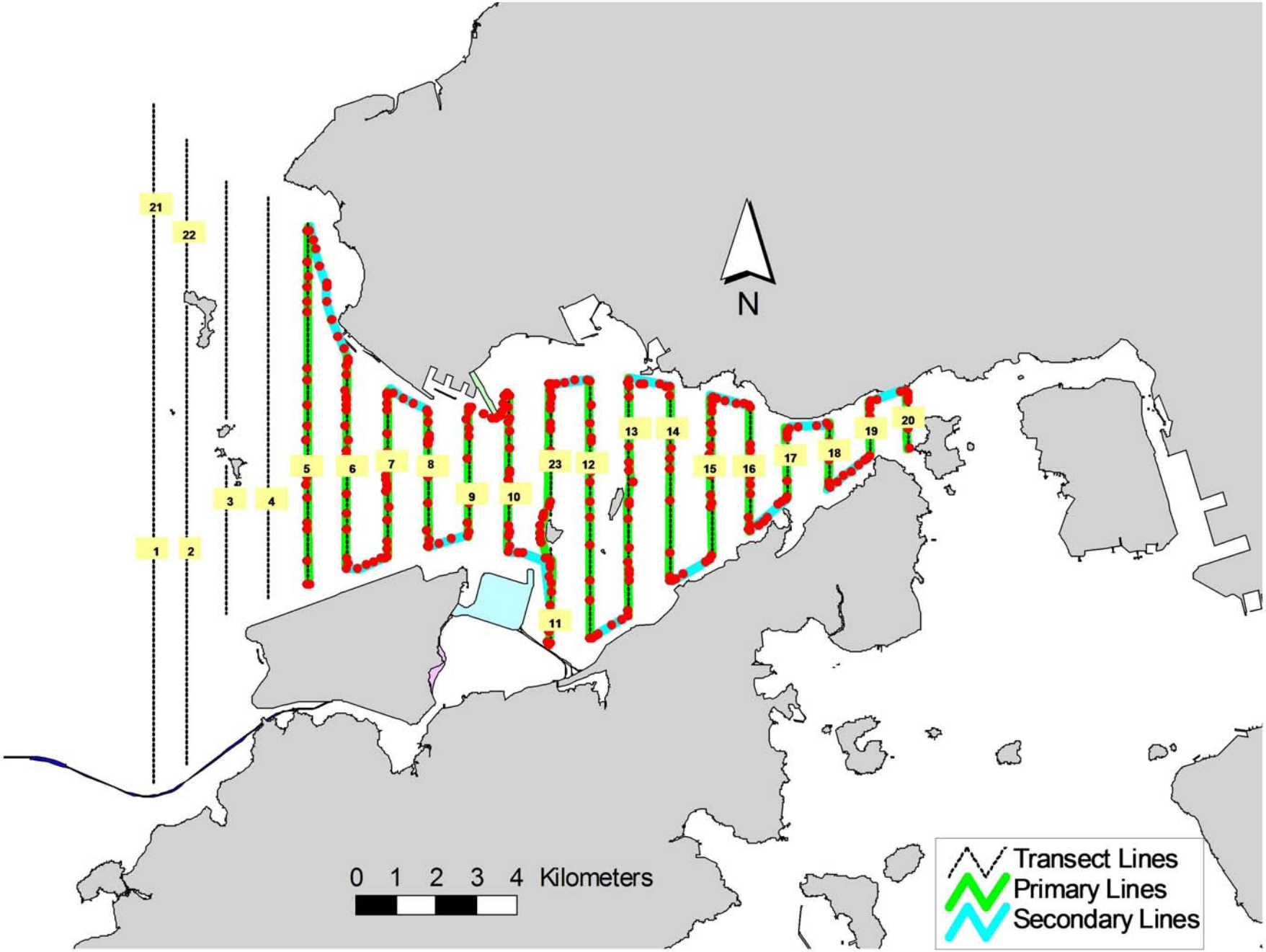


Figure 4. Survey Route on March 22nd, 2016

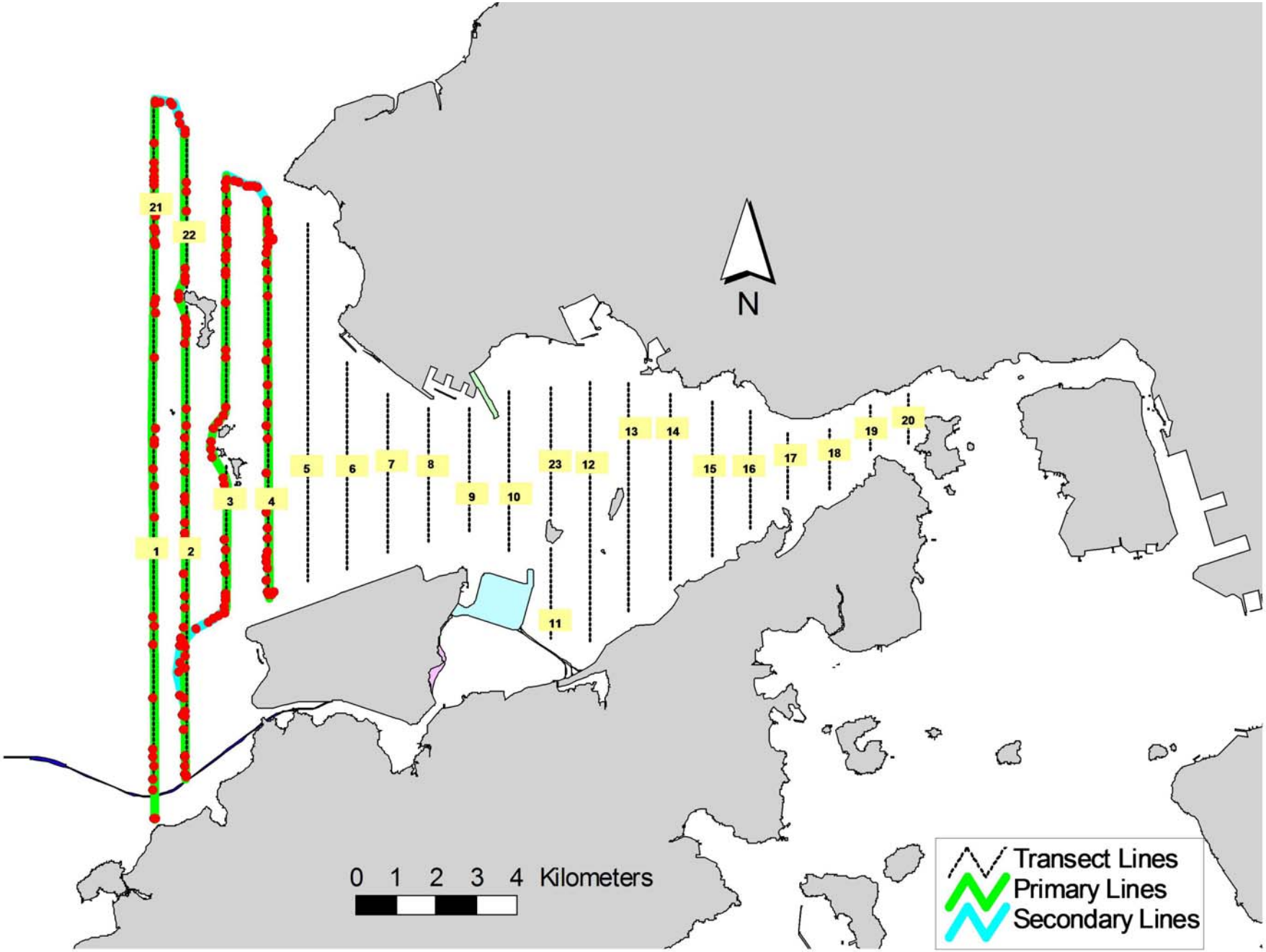


Figure 5. Survey Route on March 23rd, 2016

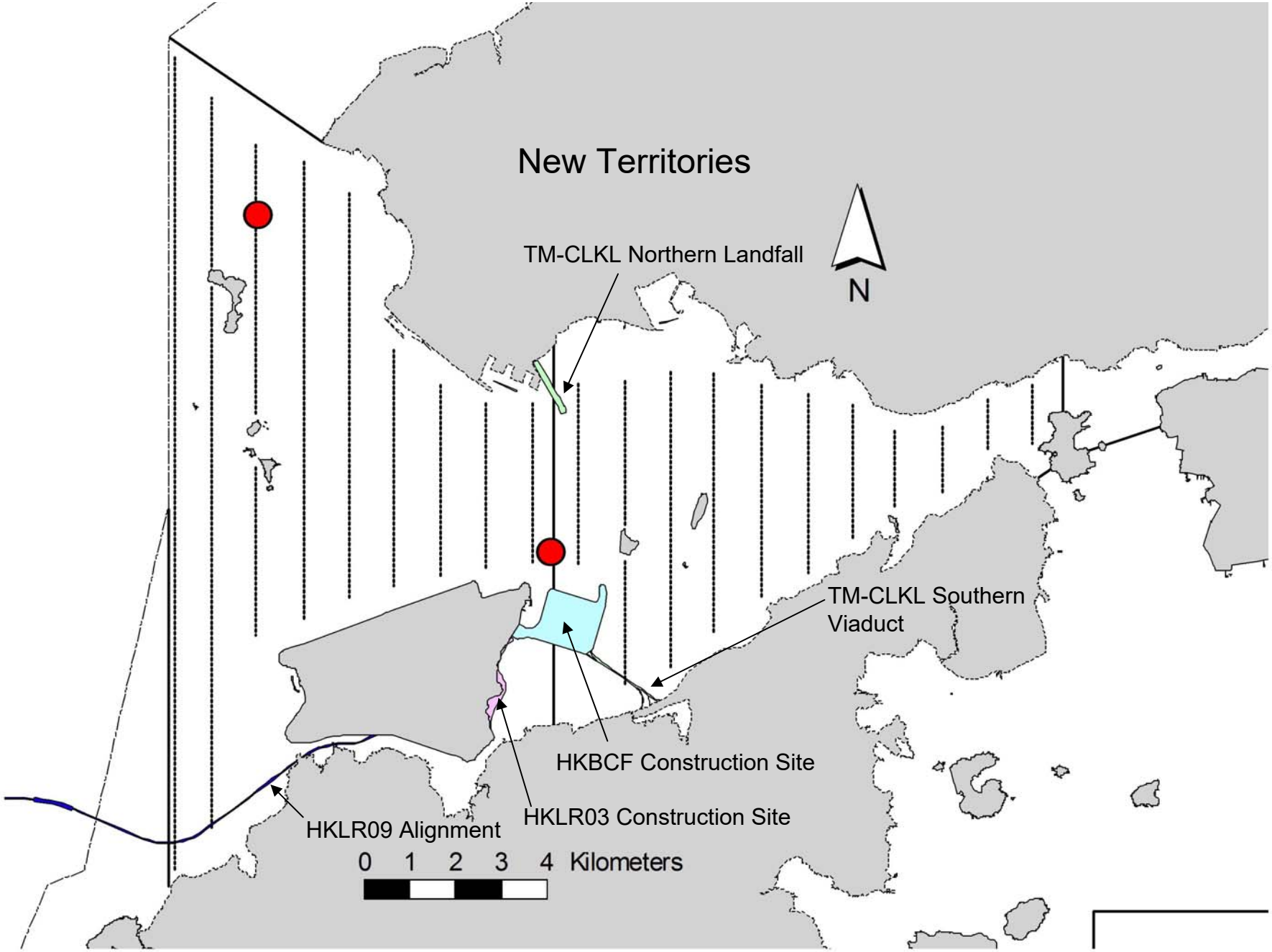


Figure 6. Distribution of Chinese White Dolphin Sightings During March 2016 HKLR03 Monitoring Surveys

Annex I. HKLR03 Survey Effort Database (March 2016)

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

DATE	AREA	BEAU	EFFORT	SEASON	VESSEL	TYPE	P/S
7-Mar-16	NW LANTAU	1	18.42	SPRING	STANDARD31516	HKLR	P
7-Mar-16	NW LANTAU	2	10.78	SPRING	STANDARD31516	HKLR	P
7-Mar-16	NW LANTAU	3	10.30	SPRING	STANDARD31516	HKLR	P
7-Mar-16	NW LANTAU	1	2.50	SPRING	STANDARD31516	HKLR	S
7-Mar-16	NW LANTAU	2	3.70	SPRING	STANDARD31516	HKLR	S
7-Mar-16	NW LANTAU	3	6.70	SPRING	STANDARD31516	HKLR	S
7-Mar-16	NE LANTAU	2	16.44	SPRING	STANDARD31516	HKLR	P
7-Mar-16	NE LANTAU	2	10.46	SPRING	STANDARD31516	HKLR	S
11-Mar-16	NW LANTAU	2	15.40	SPRING	STANDARD31516	HKLR	P
11-Mar-16	NW LANTAU	3	16.20	SPRING	STANDARD31516	HKLR	P
11-Mar-16	NW LANTAU	2	7.60	SPRING	STANDARD31516	HKLR	S
11-Mar-16	NW LANTAU	3	0.30	SPRING	STANDARD31516	HKLR	S
11-Mar-16	NE LANTAU	1	2.04	SPRING	STANDARD31516	HKLR	P
11-Mar-16	NE LANTAU	2	17.97	SPRING	STANDARD31516	HKLR	P
11-Mar-16	NE LANTAU	1	2.40	SPRING	STANDARD31516	HKLR	S
11-Mar-16	NE LANTAU	2	6.19	SPRING	STANDARD31516	HKLR	S
11-Mar-16	NE LANTAU	3	2.20	SPRING	STANDARD31516	HKLR	S
22-Mar-16	NE LANTAU	2	7.42	SPRING	STANDARD31516	HKLR	P
22-Mar-16	NE LANTAU	3	27.44	SPRING	STANDARD31516	HKLR	P
22-Mar-16	NE LANTAU	4	2.30	SPRING	STANDARD31516	HKLR	P
22-Mar-16	NE LANTAU	2	5.86	SPRING	STANDARD31516	HKLR	S
22-Mar-16	NE LANTAU	3	8.18	SPRING	STANDARD31516	HKLR	S
22-Mar-16	NE LANTAU	4	0.40	SPRING	STANDARD31516	HKLR	S
22-Mar-16	NW LANTAU	2	3.59	SPRING	STANDARD31516	HKLR	P
22-Mar-16	NW LANTAU	3	9.39	SPRING	STANDARD31516	HKLR	P
22-Mar-16	NW LANTAU	4	8.10	SPRING	STANDARD31516	HKLR	P
22-Mar-16	NW LANTAU	5	2.40	SPRING	STANDARD31516	HKLR	P
22-Mar-16	NW LANTAU	2	1.40	SPRING	STANDARD31516	HKLR	S
22-Mar-16	NW LANTAU	3	5.12	SPRING	STANDARD31516	HKLR	S
23-Mar-16	NW LANTAU	2	27.12	SPRING	STANDARD31516	HKLR	P
23-Mar-16	NW LANTAU	3	22.69	SPRING	STANDARD31516	HKLR	P
23-Mar-16	NW LANTAU	2	4.11	SPRING	STANDARD31516	HKLR	S
23-Mar-16	NW LANTAU	3	5.20	SPRING	STANDARD31516	HKLR	S

Annex II. HKLR03 Chinese White Dolphin Sighting Database (March 2016)

(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
11-Mar-16	1	1300	1	NW LANTAU	2	ND	OFF	HKLR	821158	812895	SPRING	NONE	
23-Mar-16	1	1338	3	NW LANTAU	2	5	ON	HKLR	828123	806459	SPRING	NONE	P

Annex III. Individual dolphins identified during HKLR03 monitoring surveys in March 2016

ID#	DATE	STG#	AREA
NL48	11/03/16	1	NW LANTAU
NL123	23/03/16	1	NW LANTAU
NL285	23/03/16	1	NW LANTAU
NL320	23/03/16	1	NW LANTAU

Annex IV. Photographs of Identified Individual Dolphins in March 2016 (HKLR03)

APPENDIX I

Mudflat Monitoring Results

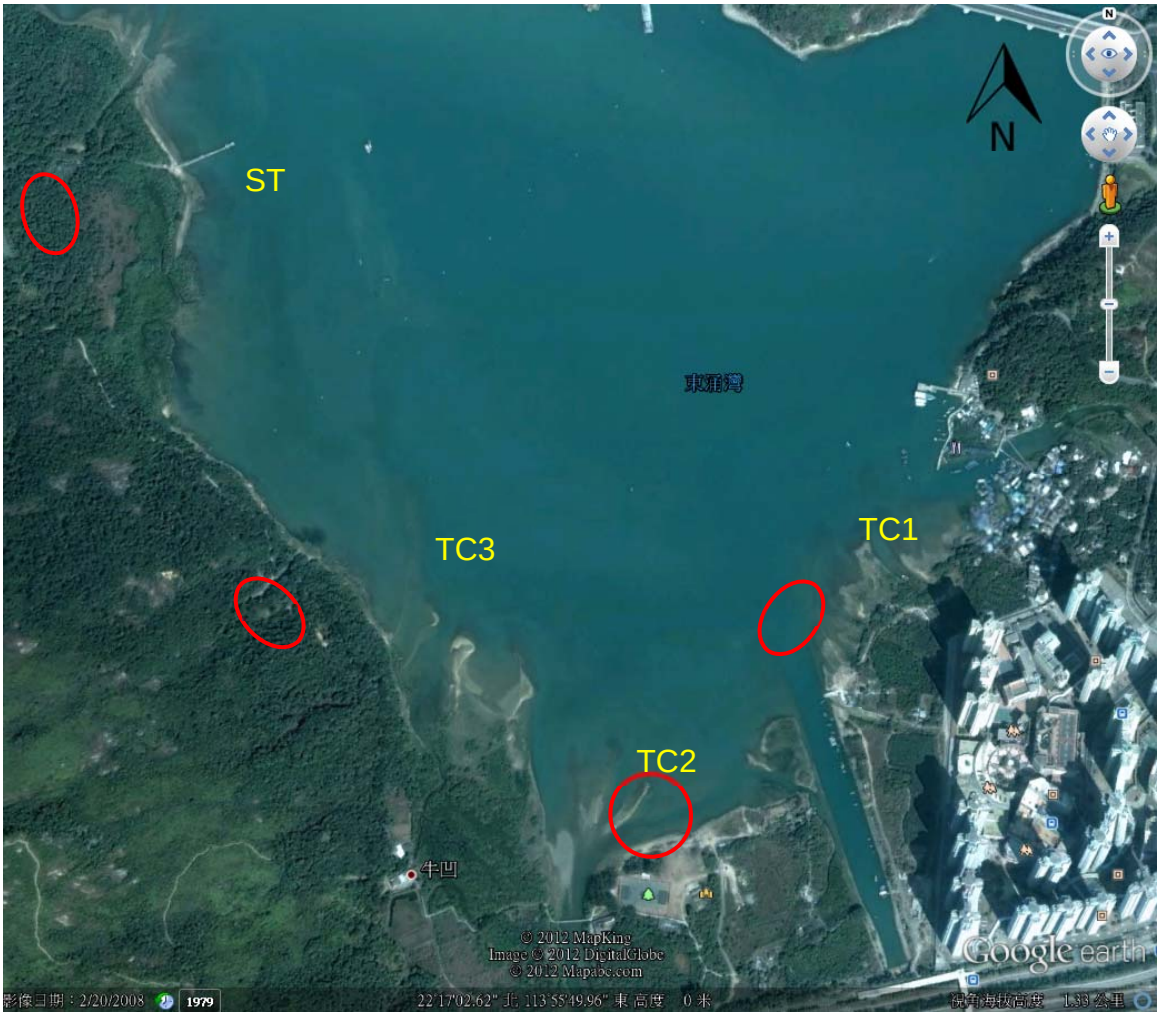


Figure 2.1. *The study site was divided into three sampling zones (TC1, TC2, TC3) in Tung Chung Bay and one zone in San Tau (ST) (map generated from Google Map).*

TC1

TC2

TC3

ST

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

TC3 *Carcinoscorpius rotundicauda* *Tachypleus tridentatus*

ST *Carcinoscorpius rotundicauda*

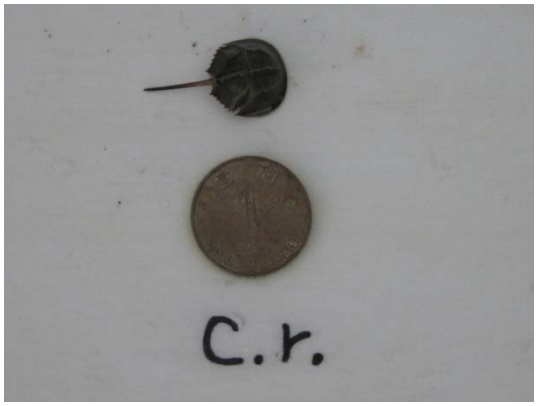


Figure 3.1. *Examples of photographic records of horseshoe crab Carcinoscorpius rotundicauda and Tachypleus tridentatus (Mar. 2016)*

Table 3.1. *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			21	2
mean prosomal width (mm)			35.49	35.70
max. prosomal width (mm)	N.A.	N.A.	48.12	54.58
min. prosomal width (mm)			25.53	16.82
Search record (ind. hr^{-1} $person^{-1}$)			3.5	0.3
Tachypleus tridentatus				
no. of individuals			17	
mean prosomal width (mm)			41.83	
max. prosomal width (mm)	N.A.	N.A.	48.91	N.A.
min. prosomal width (mm)			26.79	
Search record (ind. hr^{-1} $person^{-1}$)			2.8	

Figure 3.2. *Photographic records of mating pair (above) and moult (below) of Carcinoscorpius rotundicauda (Mar. 2015)*

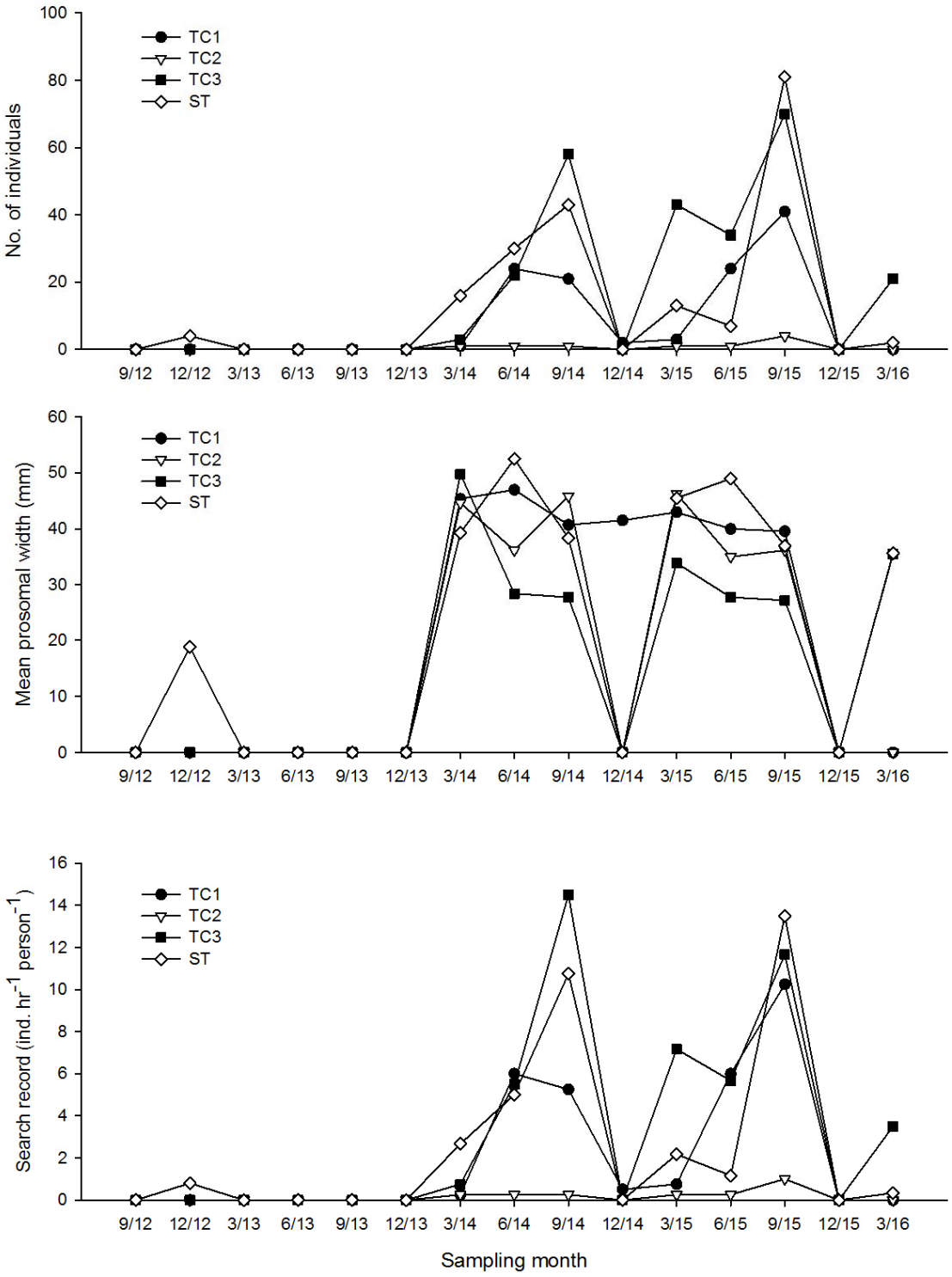


Figure 3.3. *Changes of number of individuals, mean prosomal width and search record of horseshoe crab Carcinoscorpius rotundicauda in every sampling zone along the sampling months*

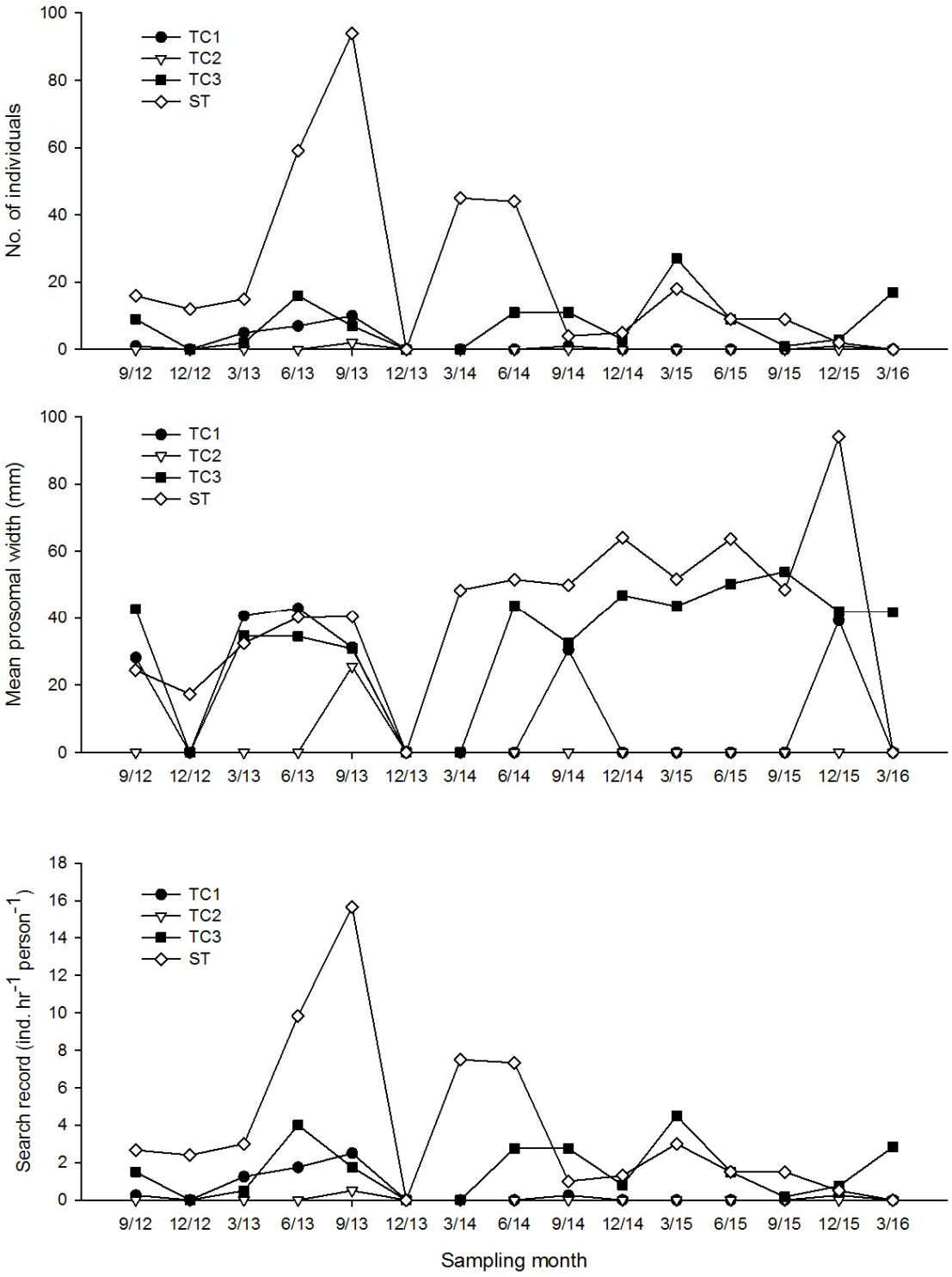


Figure 3.4. *Changes of number of individuals, mean prosomal width and search record of horseshoe crab Tachypleus tridentatus in every sampling zone along the sampling months*

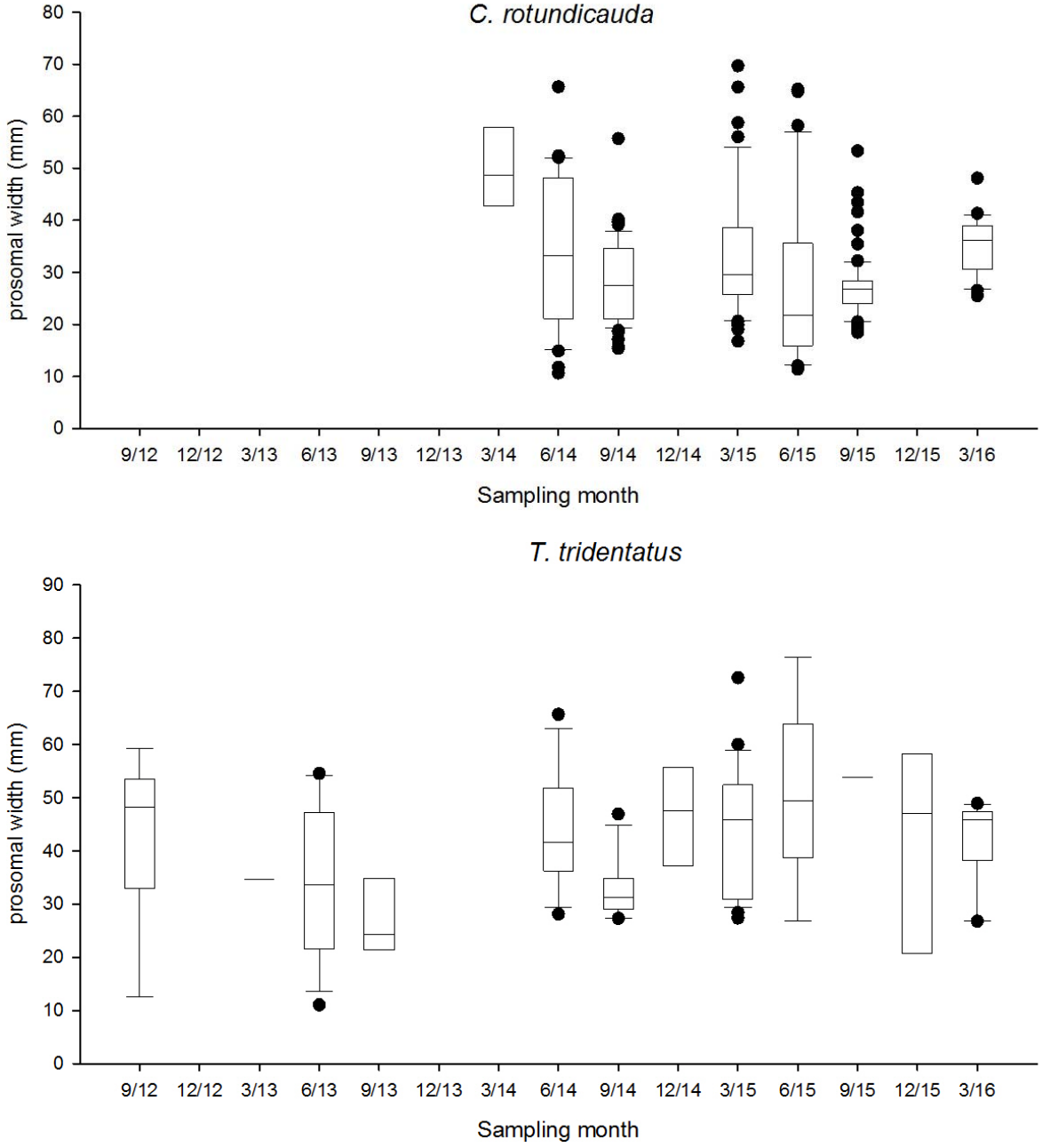


Figure 3.5. *Box plot of prosomal width of horseshoe crab in the sampling zone TC3 along the sampling months. (The box represents 50% of the sample (upper to lower quartile) with a middle line showing the median value. The upper whisker and lower whisker showed the 25% of sample above upper quartile and below the lower quartile respectively. The black circle dots showed the data of outliner.)*

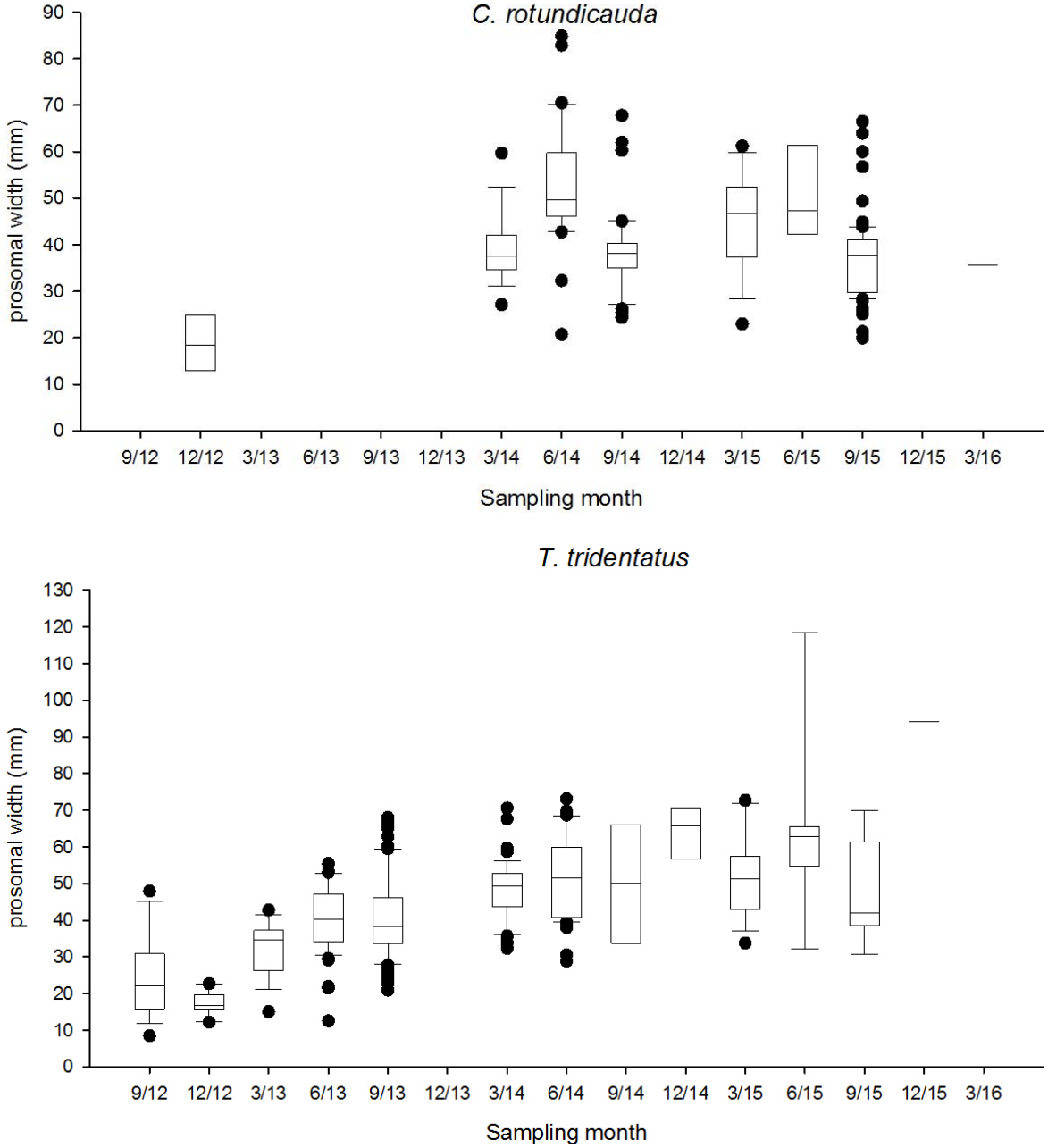
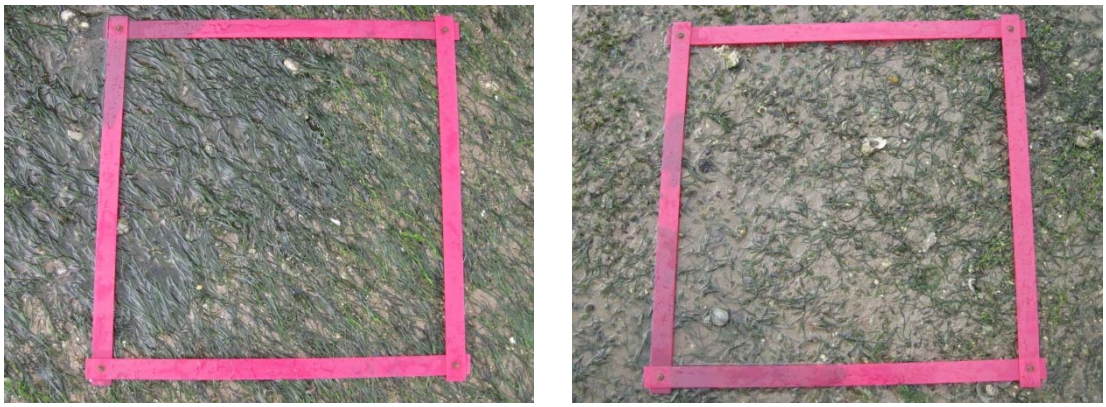


Figure 3.6. *Box plot of prosomal width of horseshoe crab in the sampling zone ST along the sampling months. (The box represents 50% of the sample (upper to lower quartile) with a middle line showing the median value. The upper whisker and lower whisker showed the 25% of sample above upper quartile and below the lower quartile respectively. The black circle dots showed the data of outliner.)*

ST *Halophila ovalis*

ST *Zostera japonica*



Two seagrass species coexisted in one long strand

Figure 3.7. *Examples of photographic records of seagrass beds survey (Mar. 2016)*

Table 3.2. *Summary of seagrass beds survey*

Sampling zone	ST	
	Halophila ovalis	*Zostera japonica*
Number of patches	8	1
Total area (m^2)	230.6	100.4
Average area (m^2)	28.8	\

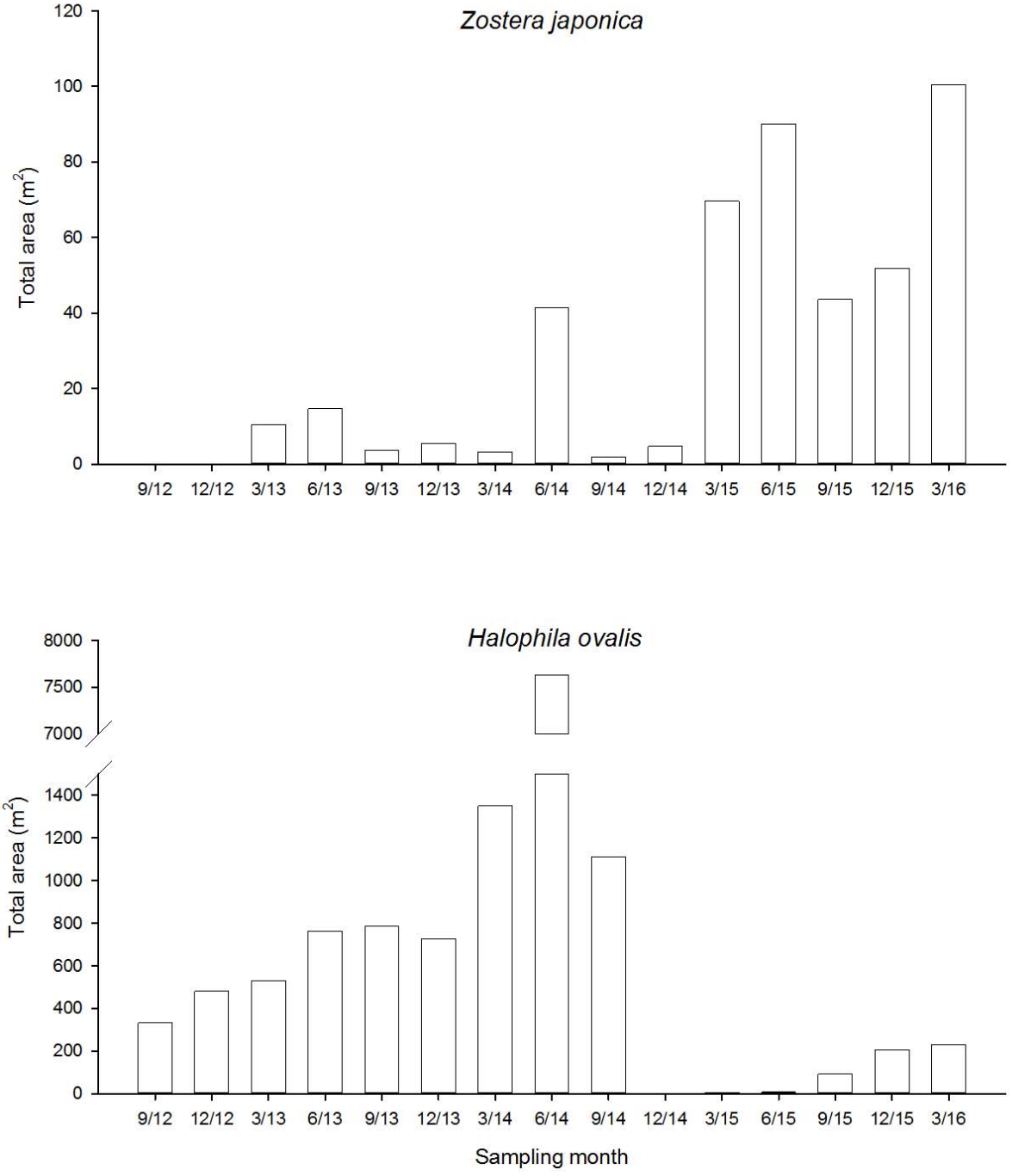


Figure 3.8. *Temporal changes of estimated total area of seagrass beds in ST*

Jun. 2014

Dec. 2014

Mar. 2015

Sep. 2015

Dec. 2015

Mar. 2016

Figure 3.9. *Comparison of pictures taken in different sampling months shows the disappearance and recolonization of seagrass beds.*

Table 3.3. *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	90	10	
	M	80	10	10
	L	60	30	10
TC2	H	20		80
	M	20		80
	L		20	80
TC3	H		60	40
	M		50	50
	L	90		10
ST	H	100		
	M	100		
	L	20		80

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

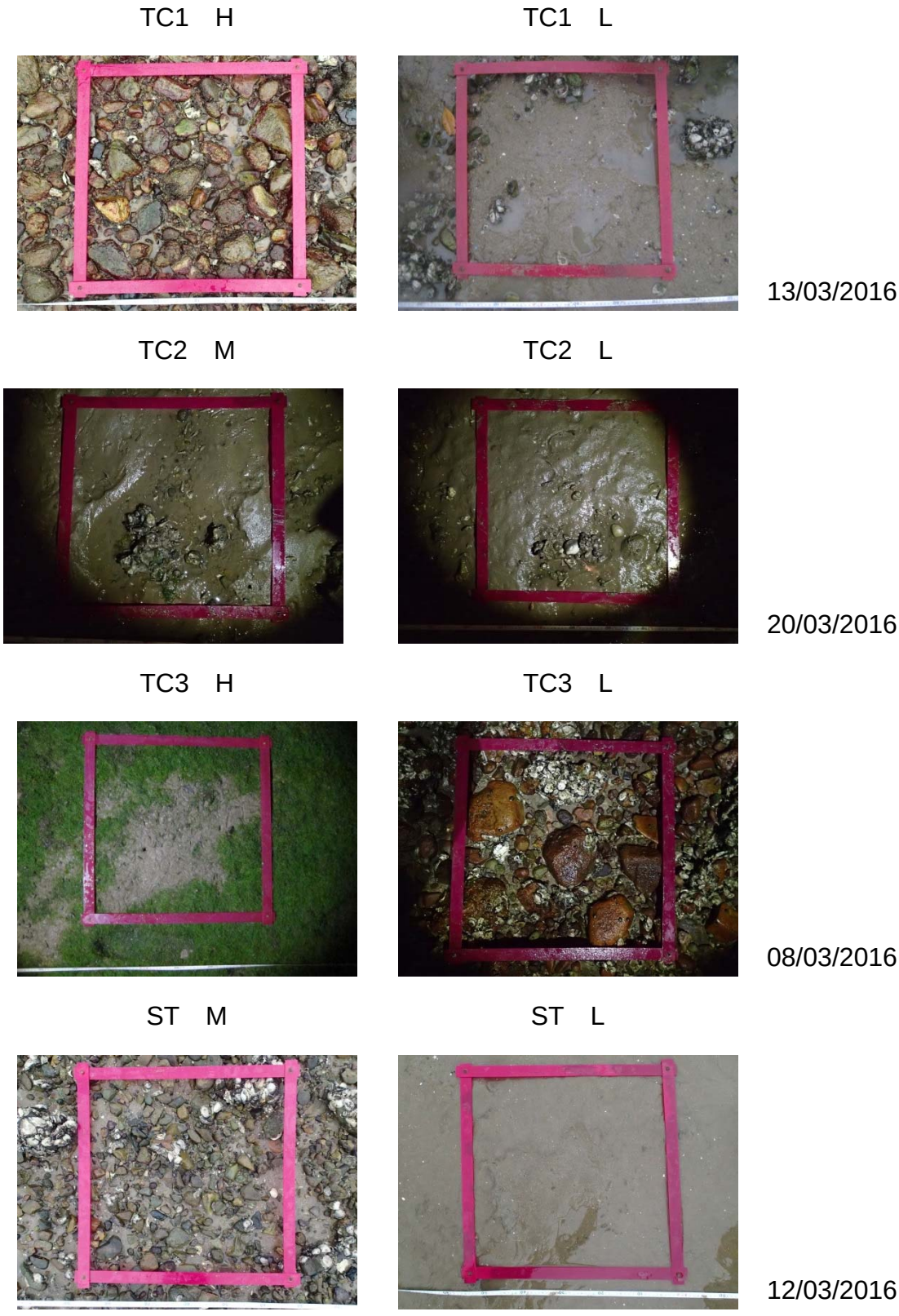


Figure 3.10. *Examples of photographic records of quadrat for intertidal soft shore community survey (H: 2.0 m above C.D.; M: 1.5 m above C.D.; L: 1.0 m above C.D.)*

Table 3.4. *Total abundance, density and number of taxon of every phylum*

Phylum	Total Abundance	%	Density (ind. m^{-2})	Number of taxon
Mar. 2016				
Mollusca	11496	98.0	383	37
Arthropoda	127	1.1	4	11
Annelida	62	0.5	2	10
Cnidaria	17	0.1	1	1
Sipuncula	11	0.1	0	1
Echiura	6	0.1	0	1
Nemertea	5	0.0	0	1
Platyhelminthes	4	0.0	0	1
Total	11728			

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 3.5. *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	7	0.2	1	26	1.1	3	21	0.7	3	8	0.3	1
Arthropoda	15	0.4	2	68	2.9	9	24	0.8	3	20	0.9	3
Cnidaria							2	0.1	0	15	0.6	2
Echiura	4	0.1	1							2	0.1	0
Mollusca	4054	99.2	541	2213	95.7	295	2933	98.4	391	2296	97.8	306
Nemertea	2	0.0	0	2	0.1	0				1	0.0	0
Platyhelminthes				1	0.0	0	1	0.0	0	2	0.1	0
Sipuncula	3	0.1	0	3	0.1	0	1	0.0	0	4	0.2	1
Sub-total	4085			2313			2982			2348		

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 3.6. *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*	620	84	84
Mid	G	*Batillaria multiformis*	214	47	47
	G	*Monodonta labio*	81	18	65
	Bi	*Saccostrea cucullata*	70	16	81
Low	Bi	*Saccostrea cucullata*	141	32	32
	G	*Monodonta labio*	98	22	54
	G	*Batillaria zonalis*	51	11	65
	G	*Batillaria multiformis*	47	10	76

Bi = Bivalve, G = Gastropod

Table 3.6 (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*	123	32	32
	G	*Batillaria multiformis*	69	18	50
	Bi	*Saccostrea cucullata*	67	17	67
	G	*Cerithidea cingulata*	41	11	78
Mid	Bi	*Saccostrea cucullata*	103	32	32
	G	*Batillaria zonalis*	95	30	63
	G	*Cerithidea djadjariensis*	34	11	73
Low	Bi	*Saccostrea cucullata*	102	45	45
	G	*Batillaria zonalis*	48	22	67

Bi = Bivalve, G = Gastropod

Table 3.6 (Cont'd). *The abundant species (relative abundance >10%) in every sampling zone.*

Sampling zone TC3	Group	Species	Mean density (ind. m^{-2})	Relative abundance (%)	Cumulative relative abundance (%)
High	G	*Batillaria multiformis*	268	59	59
	G	*Cerithidea djadjariensis*	123	27	85
Mid	G	*Cerithidea djadjariensis*	86	32	32
	G	*Cerithidea cingulata*	55	21	52
	G	*Batillaria multiformis*	51	19	71
	G	*Batillaria zonalis*	46	17	88
Low	Bi	*Saccostrea cucullata*	143	31	31
	G	*Monodonta labio*	127	27	58
	G	*Batillaria multiformis*	125	27	85

Bi = Bivalve, G = Gastropod

Table 3.6 (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	*Monodonta labio*	166	42	42
	G	*Batillaria multiformis*	120	31	73
	Bi	*Saccostrea cucullata*	48	12	85
Mid	Bi	*Saccostrea cucullata*	176	39	39
	G	*Monodonta labio*	120	26	65
	G	*Lunella coronata*	61	13	78
Low	Bi	*Saccostrea cucullata*	34	38	38
	G	*Lunella coronata*	19	21	59

Bi = Bivalve, G = Gastropod

Table 3.7. *Mean values of species number, 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	Species number (spp. 0.25 m^{-2})	Mean species number across tidal levels	Mean density (ind. m^{-2})	Mean density across tidal levels	Mean *H'*	Mean *H'* across tidal levels	Mean *J*	Mean *J* across tidal levels
TC1	H	5		736		0.6		0.3	
	M	10	9	451	545	1.6	1.2	0.7	0.5
	L	12		446		1.6		0.6	
TC2	H	8		384		1.5		0.7	
	M	9	9	317	308	1.5	1.5	0.7	0.7
	L	8		224		1.5		0.8	
TC3	H	6		458		0.9		0.5	
	M	6	7	269	398	1.4	1.2	0.8	0.6
	L	9		466		1.4		0.6	
ST	H	9		392		1.4		0.6	
	M	14	9	457	313	1.6	1.4	0.6	0.7
	L	5		90		1.2		0.8	

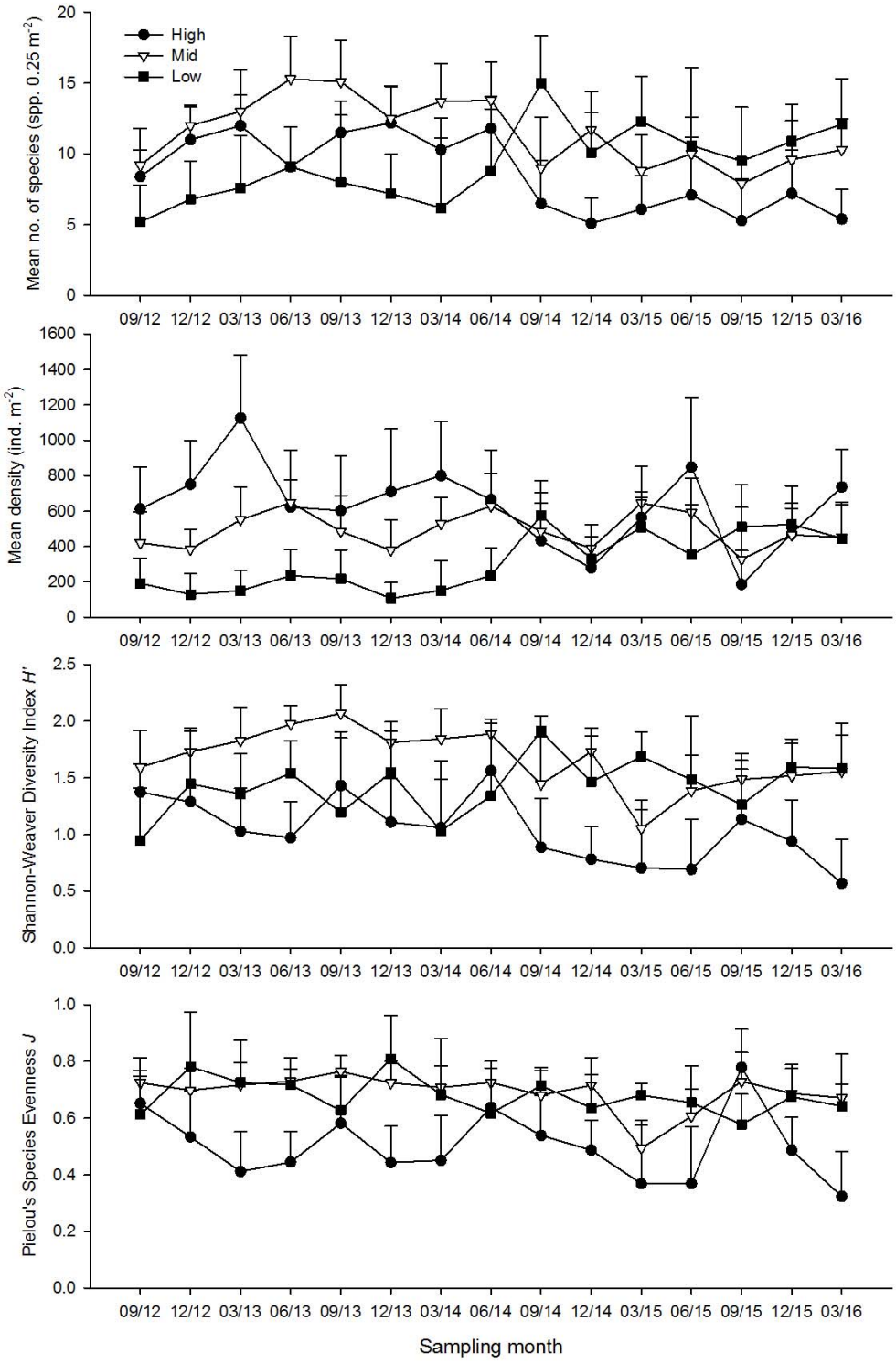


Figure 3.11. *Temporal changes of mean number of species, mean density, Shannon-Weaver Diversity Index (H') and Pielou's Species Evenness (J) (mean + SD) at every tidal level in sampling zone TC1*

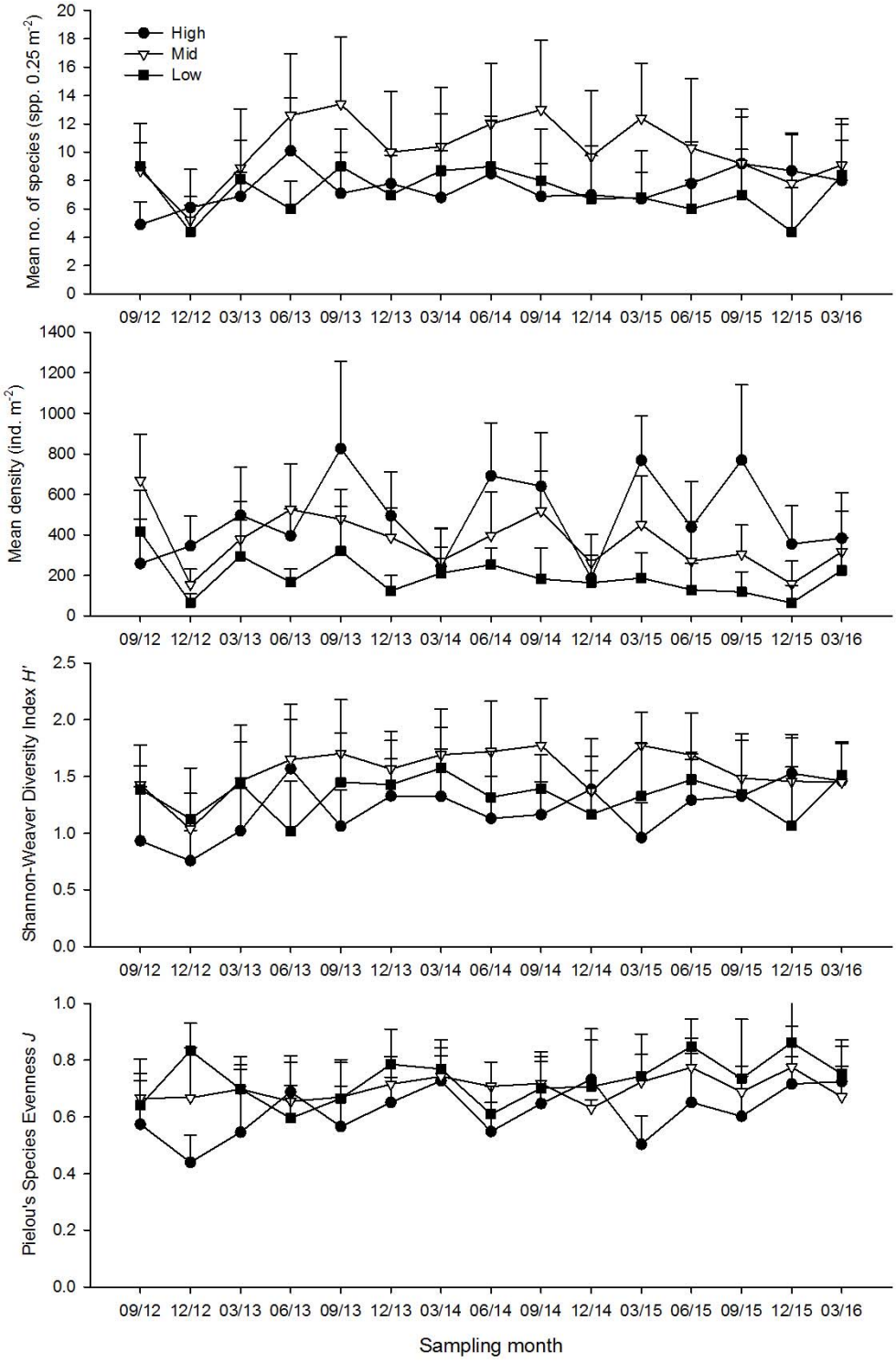


Figure 3.12. *Temporal changes of mean number of species, mean density, Shannon-Weaver Diversity Index (H') and Pielou's Species Evenness (J) (mean + SD) at every tidal level in sampling zone TC2*

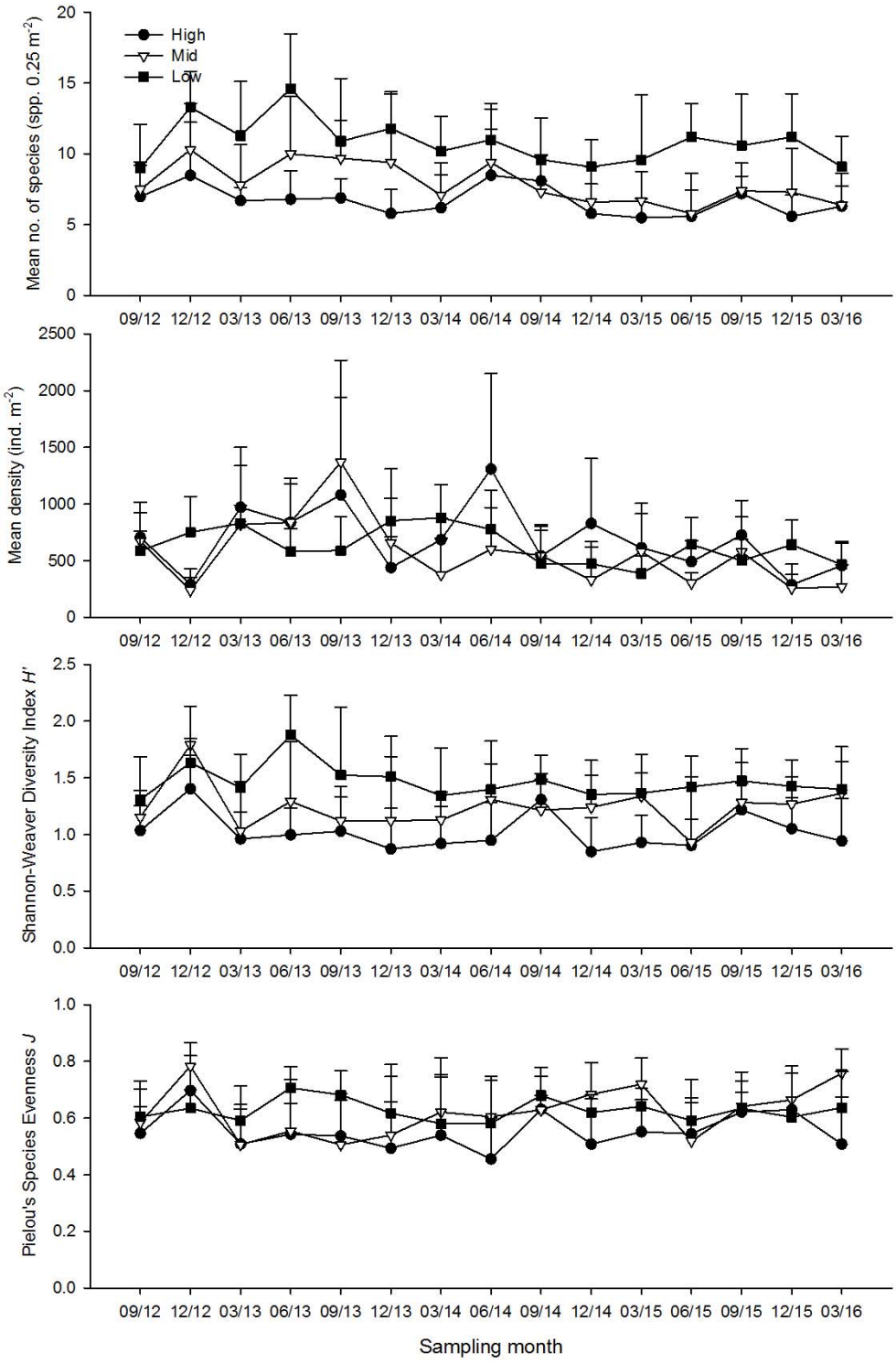


Figure 3.13. *Temporal changes of mean number of species, mean density, Shannon-Weaver Diversity Index (H') and Pielou's Species Evenness (J) (mean + SD) at every tidal level in sampling zone TC3*

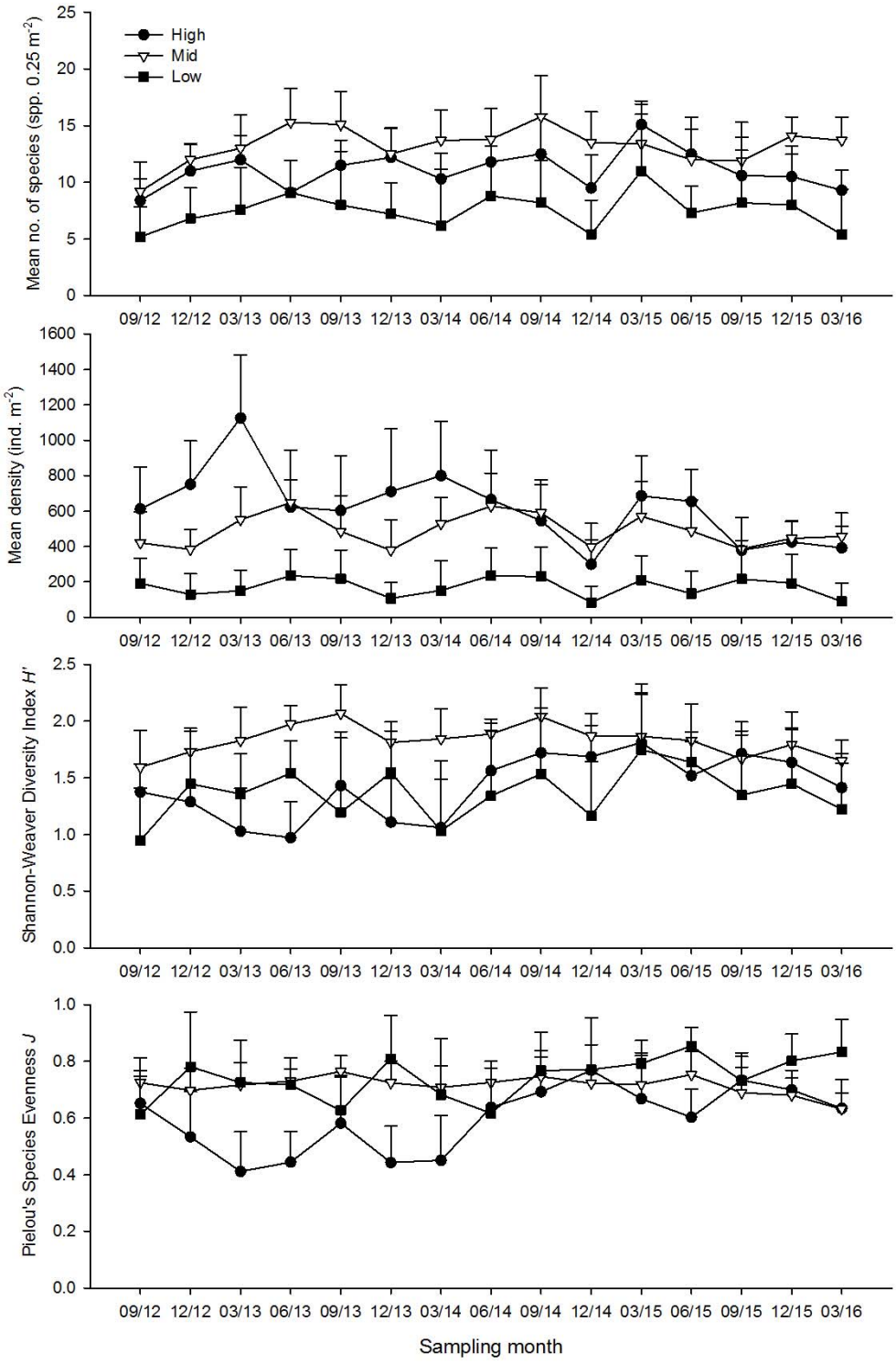


Figure 3.14. *Temporal changes of mean number of species, mean density, Shannon-Weaver Diversity Index (H') and Pielou's Species Evenness (J) (mean + SD) at every tidal level in sampling zone ST*

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

Annex II. *Record of horseshoe crab survey in every sampling zone.*

No.	Sub.	GPS coordinate		Record of prosomal width (mm)												
Sampling site TC3 (Search hour = 3 hrs)				*Carcinoscorpius rotundicauda*							*Tachypleus tridentatus*					
1	M	22° 16.982' N	113° 55.649' E	35.90	41.34											
2	S	22° 16.986' N	113° 55.664' E	27.81							48.91					
3	S	22° 16.995' N	113° 55.645' E	33.29	39.12						33.54	46.17	48.34			
4	S	22° 16.998' N	113° 55.649' E	26.57	34.83	35.10	36.11	37.96	38.46	38.96	37.21	39.15	40.53	40.91	47.06	47.33	47.40
				39.10							48.73					
5	S	22° 17.003' N	113° 55.655' E	25.53	27.35	27.47	36.14	37.76	38.41	39.96	39.39	45.83	46.94			
6	S	22° 17.039' N	113° 55.646' E	48.12												
7	M	22° 17.029' N	113° 55.645' E								26.79	26.83				
			No. of ind.	**21**							**17**					

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

Annex II (Cont'd). *Record of horseshoe crab survey in every sampling zone.*

No.	Sub.	GPS coordinate		Record of prosomal width (mm)	
Sampling site ST (Search hour = 3 hrs)				*Carcinoscorpius rotundicauda*	*Tachypleus tridentatus*
1	S	22° 17.189' N	113° 55.479' E	54.58	
2	S	22° 17.211' N	113° 55.484' E	16.82	
			No. of ind.	**2**	**0**

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

Annex III. *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			

Annex III. *Record of seagrass beds survey in every sampling zone*

Estimated area (m^2)	Estimated coverage (%)	GPS coordinate			Remark
ST (search hour = 3 hrs)		*Halophila ovalis*			
11.1	20	a single patch	22º 17.213' N	113º 55.481' E	
14.1	30	a single patch	22º 17.215' N	113º 55.478' E	A small patch of seagrass bed nearby the seaward side of mangrove area at
17.3	60	a single patch	22º 17.218' N	113º 55.475' E	tidal level 2.0m above C.D.
1.5	90	a single patch	22º 17.185' N	113º 55.474' E	
15.8	100	horizontal line	22º 17.215' N 22º 17.220' N	113º 55.476' E 113º 55.475' E	-- A medium patch of seagrass bed nearby the seaward side of mangrove area at tidal level 2.0m above C.D.
41.1	90	horizontal line	22º 17.218' N 22º 17.211' N	113º 55.473' E 113º 55.474' E	-- A horizontal strand of seagrass bed nearby the seaward side of mangrove
29.4	80	horizontal line	22º 17.197' N 22º 17.190' N	113º 55.473' E 113º 55.476' E	-- area at tidal level 2.0m above C.D.
100.4	10	horizontal line	22º 17.210' N 22º 17.198' N	113º 55.475' E 113º 55.474' E	-- A horizontal strand of two coexisting seagrass species nearby the seaward side of mangrove area at tidal level 2.0m above C.D.
ST (search hour = 3 hrs)		*Zostera japonica*			
100.4	90	horizontal line	22º 17.210' N 22º 17.198' N	113º 55.475' E 113º 55.474' E	-- A horizontal strand of two coexisting seagrass species nearby the seaward side of mangrove area at tidal level 2.0m above C.D.

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

Kingdom	Phylum	Class	Order	Family	Species
Animalia	Annelida	Polychaeta	Eunicida	Onuphidae	Onuphidae spp.
Animalia	Annelida	Polychaeta	Phyllodocida	Nereididae	Nereididae spp.
Animalia	Annelida	Polychaeta	Phyllodocida	Polynoidae	Polynoidae spp.
Animalia	Annelida	Polychaeta	Sabellida	Oweniidae	Oweniidae spp.
Animalia	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharetidae spp.
Animalia	Annelida	Polychaeta	Terebellida	Cirratulidae	Cirratulidae spp.
Animalia	Annelida	Polychaeta	Terebellida	Pectinariidae	Pectinariidae spp.
Animalia	Annelida	Polychaeta	Terebellida	Terebellidae	Terebellidae spp.
Animalia	Annelida	Polychaeta		Maldanidae	Maldanidae spp.
Animalia	Annelida	Polychaeta		Orbiniidae	Orbiniidae spp.
Animalia	Arthropoda	Malacostraca	Decapoda	Diogenidae	*Clibanarius* sp.
Animalia	Arthropoda	Malacostraca	Decapoda	Grapsidae	*Metopograpsus latifrons*
Animalia	Arthropoda	Malacostraca	Decapoda	Ocypodidae	*Macrophthalmus* sp.
Animalia	Arthropoda	Malacostraca	Decapoda	Ocypodidae	*Uca borealis*
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	Paguridae	*Pagurus dubius*
Animalia	Arthropoda	Malacostraca	Decapoda	Sesarmidae	*Nanosesarma minutum*
Animalia	Arthropoda	Malacostraca	Decapoda	Varunidae	*Hemigrapsus penicillatus*
Animalia	Arthropoda	Maxillopoda	Sessilia	Balanidae	*Balanus amphitrite*
Animalia	Cnidaria	Anthozoa	Actiniaria	Diadumenidae	*Diadumene lineata*
Animalia	Echiura				Echiura spp.
Animalia	Mollusca	Bivalvia	Arcoida	Arcidae	*Barbatia virescens*
Animalia	Mollusca	Bivalvia	Euheterodonta	Hiatellidae	*Hiatella arctica*
Animalia	Mollusca	Bivalvia	Mytiloida	Mytilidae	*Xenostrobus atratus*
Animalia	Mollusca	Bivalvia	Ostreoida	Ostreidae	*Saccostrea cucullata*
Animalia	Mollusca	Bivalvia	Pterioida	Pteriidae	*Isognomon isognomon*
Animalia	Mollusca	Bivalvia	Veneroida	Corbiculidae	*Geloina erosa*
Animalia	Mollusca	Bivalvia	Veneroida	Lucinidae	*Anodontia stearnsiana*
Animalia	Mollusca	Bivalvia	Veneroida	Veneridae	*Circe* sp.
Animalia	Mollusca	Bivalvia	Veneroida	Veneridae	*Clausinella isabellina*

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

Kingdom	Phylum	Class	Order	Family	Species
Animalia	Mollusca	Bivalvia	Veneroida	Veneridae	*Cyclina sinesis*
Animalia	Mollusca	Bivalvia	Veneroida	Veneridae	*Ruditapes philippinarum*
Animalia	Mollusca	Gastropoda	Caenogastropoda	Batillariidae	*Batillaria bornii*
Animalia	Mollusca	Gastropoda	Caenogastropoda	Batillariidae	*Batillaria multiformis*
Animalia	Mollusca	Gastropoda	Caenogastropoda	Batillariidae	*Batillaria zonalis*
Animalia	Mollusca	Gastropoda	Caenogastropoda	Potamididae	*Cerithidea cingulata*
Animalia	Mollusca	Gastropoda	Caenogastropoda	Potamididae	*Cerithidea djadjariensis*
Animalia	Mollusca	Gastropoda	Caenogastropoda	Potamididae	*Cerithidea rhizophorarum*
Animalia	Mollusca	Gastropoda	Cycloneritimorpha	Neritidae	*Clithon faba*
Animalia	Mollusca	Gastropoda	Cycloneritimorpha	Neritidae	*Clithon oualaniensis*
Animalia	Mollusca	Gastropoda	Cycloneritimorpha	Neritidae	*Nerita polita*
Animalia	Mollusca	Gastropoda	Littorinimorpha	Littorinidae	*Littoraria articulata*
Animalia	Mollusca	Gastropoda	Littorinimorpha	Littorinidae	Peasiella spp.
Animalia	Mollusca	Gastropoda	Littorinimorpha	Rissoinidae	*Rissoina plicatula*
Animalia	Mollusca	Gastropoda	Neogastropoda	Buccinidae	*Pisania ignea*
Animalia	Mollusca	Gastropoda	Neogastropoda	Muricidae	*Thais luteostoma*
Animalia	Mollusca	Gastropoda	Neogastropoda	Nassariidae	*Nassarius festivus*
Animalia	Mollusca	Gastropoda	Neogastropoda	Nassariidae	*Nassarius hepaticus*
Animalia	Mollusca	Gastropoda	Neogastropoda	Nassariidae	*Nassarius* sp.
Animalia	Mollusca	Gastropoda		Lottiidae	*Nipponacmea concinna*
Animalia	Mollusca	Gastropoda		Lottiidae	*Patelloida pygmaea*
Animalia	Mollusca	Gastropoda		Nacellidae	*Cellana grata*
Animalia	Mollusca	Gastropoda		Nacellidae	*Cellana toreuma*
Animalia	Mollusca	Gastropoda		Trochidae	*Euchelus scaber*
Animalia	Mollusca	Gastropoda		Trochidae	*Monodonta labio*
Animalia	Mollusca	Gastropoda		Turbinidae	*Lunella coronata*
Animalia	Mollusca	Polyplacophora	Chitonida	Ischnochitonidae	*Lepidozona* sp.
Animalia	Mollusca	Scaphopoda	Dentaliida	Dentaliidae	*Dentalium sinuosum*
Animalia	Nemertea				Nemertea spp.
Animalia	Platyhelminthes				Platyhelminthes spp.
Animalia	Sipuncula	Sipunculidea	Golfingiida	Sipunculidae	*Sipunculus nudus*

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

Mar 2016 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	*Circe* sp.		1																			1
Bi	*Geloina erosa*	1																				1
Bi	*Saccostrea cucullata*	3		9		2		5		4		2						3				28
Bi	*Xenostrobus atratus*							1				1										2
C	*Uca lactea*			1												1						2
G	*Batillaria multiformis*	8	1	96		132		82		209		206		231		200		196		190		1551
G	*Batillaria zonalis*	5																				5
G	*Cerithidea cingulata*	33	17	1						1												52
G	*Cerithidea djadjariensis*	27	14	4		1		1		2												49
G	*Cerithidea rhizophorarum*					1				1						2						4
G	*Clithon faba*							1												3		4
G	*Clithon oualaniensis*	3						1														4
G	*Littoraria articulata*					1		9		22		3								8		43
G	*Monodonta labio*			13		15		12		8		11		4		9		7		15		94
Ne	Nemertea spp.			1																		1
																					Total	1841

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

Mar 2016 Sampling zone TC 1 Mid tidal level (1.5 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
Ba	*Balanus amphitrite*	1																				1
Bi	*Geloina erosa*							1														1
Bi	*Saccostrea cucullata*	12		18		32		9		15		5		26		24		17		17		175
Bi	*Xenostrobus atratus*					3				2										1		6
C	*Hemigrapsus penicillatus*											1		1								2
C	*Uca lactea*																	1				1
Eh	Echiura spp.			1						1										1		3
G	*Batillaria bornii*	1		3																		4
G	*Batillaria multiformis*	21		9		21		3	1	71		176		49		64		61		58		534
G	*Batillaria zonalis*			5																		5
G	*Cellana toreuma*			1		1								5		3		1				11
G	*Cerithidea cingulata*	3		4				9	3			2				1						22
G	*Cerithidea djadjariensis*	5		12		2		12	3	1		8				8		3		9		63
G	*Cerithidea rhizophorarum*			3				2				2		1		1		1		2		12
G	*Clithon faba*							3				1		1		10				1		16
G	*Clithon oualaniensis*	4										1				8		4		3		20
G	*Littoraria articulata*			3		3				4		1										11
G	*Lunella coronata*	3		1										2		2		5		1		14
G	*Monodonta labio*	10		3		41				22		13		32		31		20		31		203

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

Mar 2016 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 hepaticus*							7														7
G	*Nassarius* sp.							1														1
G	*Nerita polita*											1						1				2
G	*Nipponacmea concinna*	1		1										2		1		1		3		9
G	*Rissoina plicatula*																			1		1
Hc	*Clibanarius* sp.							1														1
P	Maldanidae spp.								2													2
Sp	*Sipunculus nudus*			1																		1

Total 1128

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

Mar 2016 Sampling zone TC 1 Low tidal level (1.0 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
Ba	*Balanus amphitrite*													1						1		2
Bi	*Barbatia virescens*							2		1						2				2		7
Bi	*Hiatella arctica*	1		1		1				2				3		8		3		6		25
Bi	*Ruditapes philippinarum*																	1				1
Bi	*Saccostrea cucullata*	71				12		77		37				67		61		16		12		353
Bi	*Xenostrobus atratus*					2				2				1		1				1		7
C	*Hemigrapsus penicillatus*															1						1
C	*Macrophthalmus* sp.				1																	1
C	*Nanosesarma minutum*																			2		2
Eh	Echiura spp.				1																	1
G	*Batillaria multiformis*	36				11	1	6		3				6		25		14		15		117
G	*Batillaria zonalis*			22		53	2	9		25		16		1								128
G	*Cellana grata*																	5		2		7
G	*Cellana toreuma*	2						3						2		5		9		10		31
G	*Cerithidea cingulata*	1		1		1		4		6		2	2									17
G	*Cerithidea djadjariensis*	3				3	5	4		6		6	2			2						31
G	*Cerithidea rhizophorarum*	3				3						1				2						9
G	*Clithon faba*									2						2						4
G	*Clithon oualaniensis*	1										1		2		3		1		4		12

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

Mar 2016 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	*Dentalium sinuosum*						1															1
G	*Euchelus scaber*							1										1				2
G	*Lepidozona* sp.																	5				5
G	*Littoraria articulata*															1						1
G	*Lunella coronata*	4				3		10		9		1		14		10		6		10		67
G	*Monodonta labio*	10				1		15		2		1		21		61		49		85		245
G	*Nassarius festivus*					2		1								1						4
G	*Nerita polita*							1										1				2
G	*Nipponacmea concinna*													4		3						7
G	*Patelloida pygmaea*	7						3						1				4		1		16
Hc	*Pagurus dubius*													2								2
Ne	Nemertea spp.					1																1
P	Maldanidae spp.				2								1									3
P	Nereididae spp.															1						1
P	Terebellidae spp.													1								1
Sp	*Sipunculus nudus*							1												1		2

Total 1116

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

Mar 2016 Sampling zone TC 2 High tidal level (2.0 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
Ba	*Balanus amphitrite*					4										5						9
Bi	*Barbatia virescens*							2														2
Bi	*Saccostrea cucullata*	2		12		28		41				4		1		33		19		27		167
Bi	*Xenostrobus atratus*							8														8
C	*Hemigrapsus penicillatus*					1																1
C	*Nanosesarma minutum*	1				2		2														5
G	*Batillaria bornii*																	3		1		4
G	*Batillaria multiformis*	43		12		32		49		15			1	1		2		2		16		173
G	*Batillaria zonalis*			2		1				1				8		23		5		25		65
G	*Cerithidea cingulata*	1		12		3		12		3	1			36	1	12		6		13	2	102
G	*Cerithidea djadjariensis*			66		75		41		18		1		74		6		9	1	16		307
G	*Cerithidea rhizophorarum*					4		1				1		1					1			8
G	*Clithon oualaniensis*							4														4
G	*Littoraria articulata*			3																		3
G	*Lunella coronata*							2						1		1		3		4		11
G	*Monodonta labio*	25		13		14		22				4				2						80
G	*Nassarius festivus*					1																1
G	*Nerita polita*					1		2														3

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

Mar 2016 Sampling zone TC 2 High tidal level (2.0 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
G	*Patelloida pygmaea*	2																				2
Hc	*Pagurus dubius*			1												1						2
Ne	Nemertea spp.							1														1
P	Ampharetidae spp.																		2			2
																					Total	960

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

Mar 2016 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												1
Bi	*Hiatella arctica*	1												1								2
Bi	*Saccostrea cucullata*	49		2		2				7		64		65		29		12		27		257
Bi	*Xenostrobus atratus*	3																				3
C	*Hemigrapsus penicillatus*	1																1				2
C	*Nanosesarma minutum*	1								1			1									3
G	*Batillaria bornii*					1				3		1		2						1		8
G	*Batillaria multiformis*	1		1						3				2		2		4		7		20
G	*Batillaria zonalis*	3		2		18		13		9		38	2	45		14	2	32		59	1	238
G	*Cellana toreuma*									2												2
G	*Cerithidea cingulata*			10						1		7	1	5		1		10	1	4	2	42
G	*Cerithidea djadjariensis*			2						5		14	1	13		10		31	2	7		85
G	*Cerithidea rhizophorarum*			1								1		1				2		1		6
G	*Littoraria articulata*	4																				4
G	*Lunella coronata*							1		16		12	1	11		4		3		5		53
G	*Monodonta labio*	30								6		1								1		38
G	*Nassarius festivus*					1		1				1										3
G	*Nerita polita*											2										2
G	*Patelloida pygmaea*	1								7												8

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

Mar 2016 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	*Thais luteostoma*											1										1
P	Ampharetidae spp.												1						1			2
P	Maldanidae spp.						1		1				1									3
P	Nereididae spp.						1									1						2
P	Onuphidae spp.						1															1
P	Pectinariidae spp.								1				1									2
Pl	Platyhelminthes spp.	1																				1
Sp	*Sipunculus nudus*											3										3

Total 792

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

Mar 2016 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*			1		10		8		3								2		6		30
Bi	*Barbatia virescens*							2														2
Bi	*Clausinella isabellina*		1																			1
Bi	*Ruditapes philippinarum*																			1		1
Bi	*Saccostrea cucullata*			64		19		40		47		15				9		48		12		254
Bi	*Xenostrobus atratus*							2		2												4
C	*Hemigrapsus penicillatus*	1						1		4												6
C	*Nanosesarma minutum*			2						6												8
G	*Batillaria bornii*			3				3		2												8
G	*Batillaria multiformis*															1						1
G	*Batillaria zonalis*	2	1	33		15		12		2		3				20		19		14		121
G	*Cellana toreuma*									1												1
G	*Cerithidea cingulata*			1								2				1		2		1		7
G	*Cerithidea djadjariensis*			4		7		4		2								7		2		26
G	*Cerithidea rhizophorarum*					1																1
G	*Clithon oualaniensis*			1																		1
G	*Dentalium sinuosum*														2							2
G	*Euchelus scaber*			3						3												6
G	*Lepidozona* sp.									1												1

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

Mar 2016 Sampling zone TC 2 Low tidal level (1.0 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
G	*Lunella coronata*			19		1		7		10		3				4		5		3		52
G	*Nassarius festivus*			2		2		3		1				1				1				10
G	*Patelloida pygmaea*									1												1
G	*Thais luteostoma*							1														1
Hc	*Clibanarius* sp.					1																1
Ne	Nemertea spp.												1									1
P	Cirratulidae spp.			1																		1
P	Maldanidae spp.		2																		2	4
P	Nereididae spp.		1																		1	2
P	Onuphidae spp.		2												1						1	4
P	Oweniidae spp.																				1	1
P	Pectinariidae spp.														1						1	2
																				Total		561

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

Mar 2016 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		1									3
Bi	*Cyclina sinesis*															1						1
C	*Uca lactea*															2						2
C	*Uca* sp.																1					1
C	*Uca vocans*				1																	1
G	*Batillaria multiformis*	107	2	144		107		57	3	14		11		6		30		178		11		670
G	*Batillaria zonalis*			3		3						2										8
G	*Cerithidea cingulata*	7	4		2	5	3	11	3	14	3	33	1	7		4		3	1	3		104
G	*Cerithidea djadjariensis*	3	5	1	3	3	1	16	2	22	1	51	1	51	1	75	6	42	2	21		307
G	*Cerithidea rhizophorarum*							2						2		7		3		1		15
G	*Clithon oualaniensis*							1														1
G	*Lunella coronata*															1				2		3
G	*Nassarius festivus*															1		1		8		10
P	Ampharetidae spp.		1		4						1											6
P	Maldanidae spp.							1	2		3		1		1						1	9
P	Nereididae spp.						1				1											2
P	Pectinariidae spp.														1							1
Pl	Platyhelminthes spp.											1										1

Total 1145

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

Mar 2016 Sampling zone TC 3 Mid tidal level (1.5 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
Ba	*Balanus amphitrite*															2		1				3
Bi	*Cyclina sinesis*										1											1
Bi	*Geloina erosa*																				1	1
Bi	*Saccostrea cucullata*															3		22				25
C	*Hemigrapsus penicillatus*																	2				2
C	*Metopograpsus latifrons*																	1				1
C	*Uca borealis*							1														1
C	*Uca lactea*											1										1
C	*Uca vocans*													1								1
G	*Batillaria multiformis*	9		1		13		9	1	4				2		1		77		10		127
G	*Batillaria zonalis*	26		6	1	12		16		12		9		17		15		1				115
G	*Cerithidea cingulata*	44		4	7	10	10	6	5	12	3	4		2				31				138
G	*Cerithidea djadjariensis*	49		10	4	13	3	27	5	7	1	27		29		6		33				214
G	*Cerithidea rhizophorarum*	1				2				3		8		3				4				21
G	*Clithon oualaniensis*									1												1
G	*Monodonta labio*			2												3		5		2		12
G	*Nassarius festivus*			1								2		2								5
G	*Nipponacmea concinna*															1		1				2

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

Mar 2016 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
P	Maldanidae spp.										1											1
P	Onuphidae spp.										1											1
																					Total	673

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

Mar 2016 Sampling zone TC 3 Low tidal level (1.0 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
Ba	*Balanus amphitrite*													1								1
Bi	*Barbatia virescens*							1		6		2										9
Bi	*Hiatella arctica*							1						3								4
Bi	*Saccostrea cucullata*	68		19		74		16		56		32		2		14		28		48		357
Bi	*Xenostrobus atratus*			1																1		2
C	*Hemigrapsus penicillatus*					1				1										1		3
C	*Metopograpsus latifrons*															1						1
C	*Nanosesarma minutum*					3						1				1		1				6
Cn	*Diadumene lineata*															1				1		2
G	*Batillaria bornii*											5						1				6
G	*Batillaria multiformis*	13		5		11		13		5		1		5		123		98		38		312
G	*Batillaria zonalis*									3		10		1								14
G	*Cellana toreuma*					1				2				1				2		1		7
G	*Cerithidea cingulata*	1												2		1		3				7
G	*Cerithidea djadjariensis*											4		4								8
G	*Cerithidea rhizophorarum*							1						2				5				8
G	*Littoraria articulata*			3		5										2		1		10		21
G	*Lunella coronata*	6				3		5		12		12		14				3				55
G	*Monodonta labio*	39		78		60		12		10				12		21		30		56		318

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

Mar 2016 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	*Nassarius festivus*							1				2										3
G	*Nerita polita*	2		4		2				1				3		1		1				14
G	*Nipponacmea concinna*											2		2								4
P	Nereididae spp.																			1		1
Sp	*Sipunculus nudus*									1												1
																					Total	1164

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

Mar 2016 Sampling zone ST High tidal level (2.0 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
Bi	*Ruditapes philippinarum*																			1		1
Bi	*Saccostrea cucullata*	1		6		5		4		21		7		28		15		15		19		121
Bi	*Xenostrobus atratus*			1																1		2
C	*Metopograpsus latifrons*			1																		1
C	*Uca vocans*									1												1
Cn	*Diadumene lineata*					1		1				1				1		2		2		8
Eh	Echiura spp.	1																1				2
G	*Batillaria bornii*	1										4		1						1		7
G	*Batillaria multiformis*	1		24		29		76		31		19		36		14		44		26		300
G	*Batillaria zonalis*	1																				1
G	*Cellana toreuma*											6		1								7
G	*Cerithidea cingulata*													3		1		1				5
G	*Cerithidea djadjariensis*							2		2				2								6
G	*Cerithidea rhizophorarum*	1								1												2
G	*Clithon faba*							1										1				2
G	*Clithon oualaniensis*					1						7										8
G	*Euchelus scaber*									1		1										2
G	*Littoraria articulata*			3		7														3		13
G	*Lunella coronate*											8		10		9		5		2		34

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

Mar 2016 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	*Monodonta labio*	19		69		42		32		37		27		52		35		35		66		414
G	*Nassarius festivus*											2										2
G	*Nerita polita*	1		1		2		1		1				1		2		3				12
G	*Nipponacmea concinna*									12				1				2				15
G	*Patelloida pygmaea*			1						1		4				1		1		4		12
Hc	*Clibanarius* sp.		1																			1
Ne	Nemertea spp.									1												1
P	Polynoidae spp.																	1				1
																					Total	981

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

Mar 2016 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 virescens*	2						2		2		5		5		1		2		1		20
Bi	*Hiatella arctica*					2		1		1		4		2		1		3		7		21
Bi	*Ruditapes philippinarum*											1		1				1				3
Bi	*Saccostrea cucullata*	65		41				82		39		47		41		29		31		66		441
Bi	*Xenostrobus atratus*	5				1						1				1				1		9
C	*Hemigrapsus penicillatus*	1		1												1						3
C	*Metopograpsus latifrons*													1								1
C	*Nanosesarma minutum*							1								1				1		3
Cn	*Diadumene lineata*	1												1		2				3		7
G	*Batillaria bornii*	1										3		1		3		3		3		14
G	*Batillaria multiformis*	18		2		1				3		10		3		8		6		3		54
G	*Batillaria zonalis*					3		2														5
G	*Cellana grata*											2				1				1		4
G	*Cellana toreuma*					1				2		1		3		3		1		3		14
G	*Cerithidea cingulata*			1				1		1				2								5
G	*Cerithidea djadjariensis*	1		1		2										2		1				7
G	*Clithon oualaniensis*			1																		1
G	*Euchelus scaber*					4		10				2		2								18
G	*Lepidozona* sp.			1		2		1												2		6

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

Mar 2016 Sampling zone ST Mid tidal level (1.5 m above C.D.)

		1		2		3		4		5		6		7		8		9		10		
Gp	Taxon	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	Q	C	sub-total
G	*Lunella coronata*	15		19		29		25		3		13		9		12		8		20		153
G	*Monodonta labio*	17		9		6		7		42		43		33		60		40		43		300
G	*Nassarius festivus*																			2		2
G	*Nassarius* sp.															1						1
G	*Nerita polita*			1						1		1				1		2		1		7
G	*Nipponacmea concinna*	1								3				1				4				9
G	*Patelloida pygmaea*							1		1		7		1		2		3		10		25
G	Peasiella spp.					1																1
Hc	*Clibanarius* sp.							1														1
Hc	*Pagurus dubius*	1						1		1												3
Pl	Platyhelminthes spp.									1				1								2
Sp	*Sipunculus nudus*	1		1																		2

Total 1142

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

Mar 2016 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
Bi	*Anodontia stearnsiana*						4						1									5
Bi	*Barbatia virescens*																			3		3
Bi	*Circe* sp.				4		1		2				2		1						1	11
Bi	*Hiatella arctica*																	6				6
Bi	*Isognomon isognomon*	1																				1
Bi	*Saccostrea cucullata*	22								8		3				3		23		26		85
Bi	*Xenostrobus atratus*																	1		1		2
C	*Nanosesarma minutum*																			1		1
G	*Batillaria multiformis*	5																				5
G	*Batillaria zonalis*	2		1	2									3								8
G	*Cellana toreuma*	2																				2
G	*Cerithidea cingulata*																1					1
G	*Cerithidea rhizophorarum*	1																				1
G	*Clithon faba*	1																				1
G	*Euchelus scaber*	4																		17		21
G	*Lepidozona* sp.	1																				1
G	*Lunella coronata*	16								2						3		6		21		48
G	*Monodonta labio*	1						1														2
G	*Nassarius festivus*	2				1														1		4

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

Mar 2016 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	*Patelloida pygmaea*	1																				1
G	*Pisania ignea*																			1		1
G	*Thais luteostoma*									1												1
Hc	*Pagurus dubius*	3														1				1		5
P	Maldanidae spp.								1													1
P	Onuphidae spp.						1		2				1		1							5
P	Orbiniidae spp.						1															1
Sp	*Sipunculus nudus*	2																				2
																					Total	225

Key for faunal groups:

Ba: Barnacle, Bi: Bivalve, C: Crab, Cn: Cnidarin, Eh: Echiuran, F: Fish, G: Gastropod, Hc: Hermit crab, Ne: Nemertean, Ol: Oligochaete, P: Polychaete, Pl: Platyhelminthes, Po: Polyplacophores, S: Shrimp, Sc: Scaphopods, Sp: Sipunculan

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 2016

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	39.443	0.000	6.108	33.336	0.000	0.000	5.203	0.500	0.000	0.000	0.475
Feb	21.122	0.000	2.808	18.314	0.000	0.000	11.764	0.400	0.000	0.000	0.475
Mar	See Note 9	0.000	See Note 9	28.374	0.128	0.000	4.956	0.250	0.000	0.000	0.468
Apr											
May											
Jun											
Sub-total	See Note 9	0.000	See Note 9	80.024	0.128	0.000	21.923	1.150	0.000	0.000	1.417
Jul											
Aug											
Sep											
Oct											
Nov											
Dec											
Sub- total											
Total											

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=1.9 tonnes/m^3 Metal=7.85 tonnes/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
(9) The actual quantities of inert C&D materials generated in March 2016 will be updated in Monthly EM&A Report for April 2016.

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

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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	-
COM-2015-066	08-Apr-15	Nil	EPD (An email forwarded by Arup)	Environmental (Dust)	According to Arup's email to CSCE on 8 April 2015, the ET was informed that a complaint had been received by EPD at about 18:29 hrs on 2 Apr 2015 regarding construction dust from construction site (S15) at Kwo Lo Wan Road, Tung Chung."	S15	Based on the Contractor's information and our investigation, no non-compliance was identified. The Contractor is reminded to continuously implement the dust suppression measures to minimize potential dust impact.	Closed	-
COM-2015-068	10-Apr-15	Nil	EPD (An email forwarded by Arup)	Environmental (Noise)	According to Arup's email to CSCE on 10 April 2015, it is noted that EPD received a noise complaint from a resident of Caribbean Coast. According to the complainant, he was disturbed by noise from construction activities of the HZMB Project during weekends and holidays. The complainant was referring to those activities carried out between Scenic Hill and HKBCF because the complainant mentioned the contractor was China State.	N/A	Based on the information provided and our investigation, the Contractor had complied with the conditions laid down in Construction Noise Permit (CNP) Nos. GW-RS0113-15 and GW-RS0356-15. Hence, no non-compliance was identified. The Contractor has been reminded to comply with CNP conditions for construction works undertaken during restricted hours and recommended to implement the following measures to minimize the potential noise impact during restricted hours: 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-2015-074	16-Jul-15	Nil	EPD	Environmental (Wastewater)	According to EPD's email to Highways Department, ET, SOR and ENPO, a complaint was received on 16 July 2015 regarding wastewater splashing from vehicles to pedestrian at Tung Fai Road. The complainant complained that wastewater was splashed to people waiting at the bus stop near Civil Aviation Department Headquarters Office Building when vehicles leaving the HZMB site to Tung Fai Road.	Tung Fai Road	Based on the investigation results, it is considered that the complaint is unlikely related to HKLR03 Contract. The Contractor has been reminded to slow down their vehicles when leaving the concerned construction site.	Closed	-
COM-2015-076	17-Jul-15	Nil	EPD (An email forwarded by ENPO)	Environmental (Noise)	According to EPD's email to ENPO on 17 July 2015, it is noted that EPD received a noise complaint from public. The complainant said that he/she was disturbed by the noise generated from construction sites of the HZMB Project during the daytime period of past few Sundays. Afterwards, EPD contacted the complainant and confirmed that the noise was generated from construction sites along Kwo Lo Wan Road and signs of "China State Construction Engineering (HK) Ltd" were noted.	Kwo Lo Wan Road	Based on the information provided and our investigation, the Contractor complied with the conditions laid down in Construction Noise Permit (CNP) Nos. GW-RS0733-15 and GW-RS0740-15 and no noncompliance was found. The Contractor has been reminded to comply with CNP conditions for construction works undertaken during restricted hours and recommended to implement the following measures to minimize the potential noise impact during restricted hours: - 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-2015-079	07-Dec-15	Nil	ENPO (EPD referred the email from Complainant to ENPO)	Environmental (Water Quality)	According to ENPO's email to SOR and ET on 7 December 2015, a complaint was received by EPD on 2 December 2015 regarding water quality near HKLR work site. The complainant mentioned that "I moved to Tung Chung since July and it was the second time I saw similar situation polluting the sea. Last time it was even worse in red colour. Please look into this matter and let me know what was being dropped into the sea and whether it was hazardous to the sea.". EPD has contacted the complainant and obtained the additional information from the complainant. EPD suspected that the incident happened in the afternoon on 28 November 2015.	Portion X	According to the information provided by the Contractor, the derrick barge belongs to Contract No. HY/2011/03. The concerned sediment plume was likely to be caused by stirring up of mud in the seabed by the derrick barge sailed at the navigation channel situated at shallow water zone where the water depth ranging from 3.25m – 3.75m. Public fill materials were placed on the derrick barge. The barge was in good conditions with no materials being dumped into the sea. The Contractor has been implementing the mitigation measure as specified in the Implementation Schedule of Environmental Mitigation Measures that is all vessels to 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. The Contractor is recommended to arrange vessels to move out of the site area during high tide to avoid the disturbance to the seabed as far as practicable and deploy marine vessels effectively in order to minimize the number of trips and disturbance to seabed in shallow waters.	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
18.02.2016	VEP Issued	25.02.2016	EP-353/2009/J	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

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

Date Notification Submitted	Notification Ref. No.	Valid Since	Expiry Date
31.07.2015	391702	31.07.2015	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 Permit	
						From	To
1	09.03.2016	SHT Tunnel	Cat. L Dredged / Excavated Sediment Requiring Type 1 – Open Sea Disposal	Permit issued on 18.03.2015	EP/MD/16-194	22.03.2016	31.05.2016

Item No.	Date Application Submitted	Works Area Applied	Description	Status	Permit No.	Validity of Permit	
						From	To
2	29.02.2016	SHT Tunnel	Cat. L Dredged / Excavated Sediment Requiring Type 1 – Open Sea Disposal Disposal (Cross-boundary Disposal)	Permit issued on 24.03.2016	EP/MD/16-195	29.03.2016	28.04.2016

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 Water Discharge License Ref. WT00016158-2013 was granted on 30 July 2013	Valid until 31/07/2018
6	02.04.2013	Airport Road (Southern)	Water discharge license Ref. WT00015865-2013 was granted on 29 Apr 2013	Valid until 30/04/2018
7	26.10.2015	Airport Road (Northern)	Water discharge license Ref. WT00023165-2015 was granted on 21 Dec 2015	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.	29.01.2016	Airport Road	Road Works	CNP issued on 12.02.2016	GW-RS0132-16	17.02.2016 1900	16.08.2016 2300
2.	27.01.2016	S23	Canopy Pipe works (Special Case)	CNP issued on 05.02.2016	GW-RS0111-16	23.02.2016 0000	22.08.2016 0500
3.	29.02.2016	WA3	Stockpiling/ wastewater treatment	CNP issued on 14.03.2016	GW-RS0226-16	28.03.2016 0000	27.09.2016 2400
4.	11.09.2015	Airport Road Maintenance	Road Works (Special Case)	CNP issued on 25.09.2015	GW-RS1027-15	01.10.2015 0000	31.03.2016 0500
5.	11.03.2015	WA4	Loading/ Unloading of stockpiles	CNP issued on 22.03.2016	GW-RW0163-16	30.03.2016 0000	29.09.2016 2400
6.	26.02.2016	Shaft 4	Tunnel Works	CNP issued on 29.02.2016	GW-RS0174-16	14.03.2016 1900	13.09.2016 2400

Item No.	Date Application Submitted	Works Area Applied	Description	Status	CNP No.	Validity of CNP	
						From	To
7.	22.10.2015	West Portal	Tunnel Works	CNP issued on 09.11.2015	GW-RS1237-15	09.11.2015 1900	08.05.2016 2400
8.	26.10.2015	A1 Bridge	Bridge Construction	CNP issued on 09.11.2015	GW-RS1238-15	12.11.2015 1900	11.05.2016 2300
9.	26.10.2015	HAT	Percussive Piling	CNP issued on 05.11.2015	PP-RS0027-15	05.11.2015 0700	04.05.2016 1900
10.	23.12.2015	Reclamation Area	Marine Works	CNP issued on 05.01.2016	GW-RS1464-15	06.01.2016 1900	05.07.2016 2400
11.	27.01.2016	Shaft 1-3	Tunnel Works	CNP issued on 05.02.2016	GW-RS0114-16	09.02.2016 0700	08.05.2016 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	Partially implemented
S5.5.6.2	A2	2) Proper watering of exposed spoil should be undertaken throughout the construction phase: • Any excavated or stockpile of dusty material should be covered entirely by impervious sheeting or sprayed with water to maintain the entire surface wet and then removed or backfilled or reinstated where practicable within 24 hours of the excavation or unloading; • Any dusty materials remaining after a stockpile is removed should be wetted with water and cleared from the surface of roads; • A stockpile of dusty material should not be extend beyond the pedestrian barriers, fencing or traffic cones. • The load of dusty materials on a vehicle leaving a construction site should be covered entirely by impervious sheeting to ensure that the dusty materials do not leak from the vehicle; • Where practicable, vehicle washing facilities with high pressure water jet should be provided at every discernible or designated vehicle exit point. The area where vehicle washing takes place and the road section between the washing facilities and the exit point should be paved with concrete, bituminous materials or hardcores;	Good construction site practices to control the dust impact at the nearby sensitive receivers to within the relevant criteria.	Contractor	All construction sites	Construction stage	√
S5.5.6.2	A2	• When there are open excavation and reinstatement works, hoarding of not less than 2.4m high should be provided as far as practicable along the site boundary with provision for public crossing. Good site practice shall also be adopted by the Contractor to ensure the conditions of the hoardings are properly maintained throughout the construction period;	Good construction site practices to control the dust impact at the nearby sensitive receivers to within the relevant criteria.	Contractor	All construction sites	Construction stage	√

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

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

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

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

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

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

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

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

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

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 Summons and Prosecutions"

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

DO NOT SCALE DRAWING. CHECK ALL DIMENSIONS ON SITE.
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N

805000 E
810000 E
815000 E
820000 N
815000 N

NORTH RUNWAY
HONG KONG INTERNATIONAL AIRPORT (HKIA)
SOUTH RUNWAY
SCENIC HILL
AIRPORT CHANNEL
SHA LO WAN
TUNG CHUNG
SAN SHEK WAN
NGONG PING 360 CABLE-CAR
NGONG PING 360 (NP360) CABLE-CAR ANGLE STATION
HKSAR BOUNDARY
HZMB MAIN BRIDGE (BY OTHERS)
PROPOSED HKLR
PROPOSED HONG KONG LINK ROAD (HKLR)
CONTRACT NO. HY/2011/09 HONG KONG-ZHUHAI-MACAO BRIDGE HONG KONG LINK ROAD - SECTION BETWEEN HKSAR BOUNDARY AND SCENIC HILL (BY OTHERS)
CONTRACT NO. HY/2011/03 HONG KONG-ZHUHAI-MACAO BRIDGE HONG KONG LINK ROAD - SECTION BETWEEN SCENIC HILL AND HONG KONG BOUNDARY CROSSING FACILITIES
PROPOSED TUEN MUN-CHEK LAP KOK LINK (BY OTHERS)
PROPOSED HONG KONG BOUNDARY CROSSING FACILITIES (HKBCF) (BY OTHERS)
HKBCF RECLAMATION AND SUPERSTRUCTURE (BY OTHERS)
SHEET 1
SHEET 2
SHEET 3
SHEET 4
SHEET 5
SHEET 6
N1
N4
N13
N13A
N20
S7
S8
S11
S15
S16
S19
S23
S25
WA3
WORKS AREA WA3
WA4
WORKS AREA WA4
Sewage Treatment Works
Siu Ho
Fence
Siu Ho Wan Government Maintenance Depot
Tailgate
HEUNG TAU WAN
TSING CHAU WAN
TAT TSING CHAU
TUNG CHUNG LINE
AIRPORT EXPRESS
NORTH LANTAU HIGHWAY
TSING CHAU TSAI
SUNNY BAY
TAI YAM TENG
FA PENG TENG
NG KWU LENG
TO KAU WAN

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: RY	Date: 02/12	Checked: IL / Approved: SK
Scale: 1:20000 @A1	Status: TENDER	

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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

Printed by : 13/2/2012
Filename : J:\214487\Record\HY_2011_03\Re-Tender (2012-02-17)\DGN\E-HY_2011_03-DRG_001-A-10.dgn

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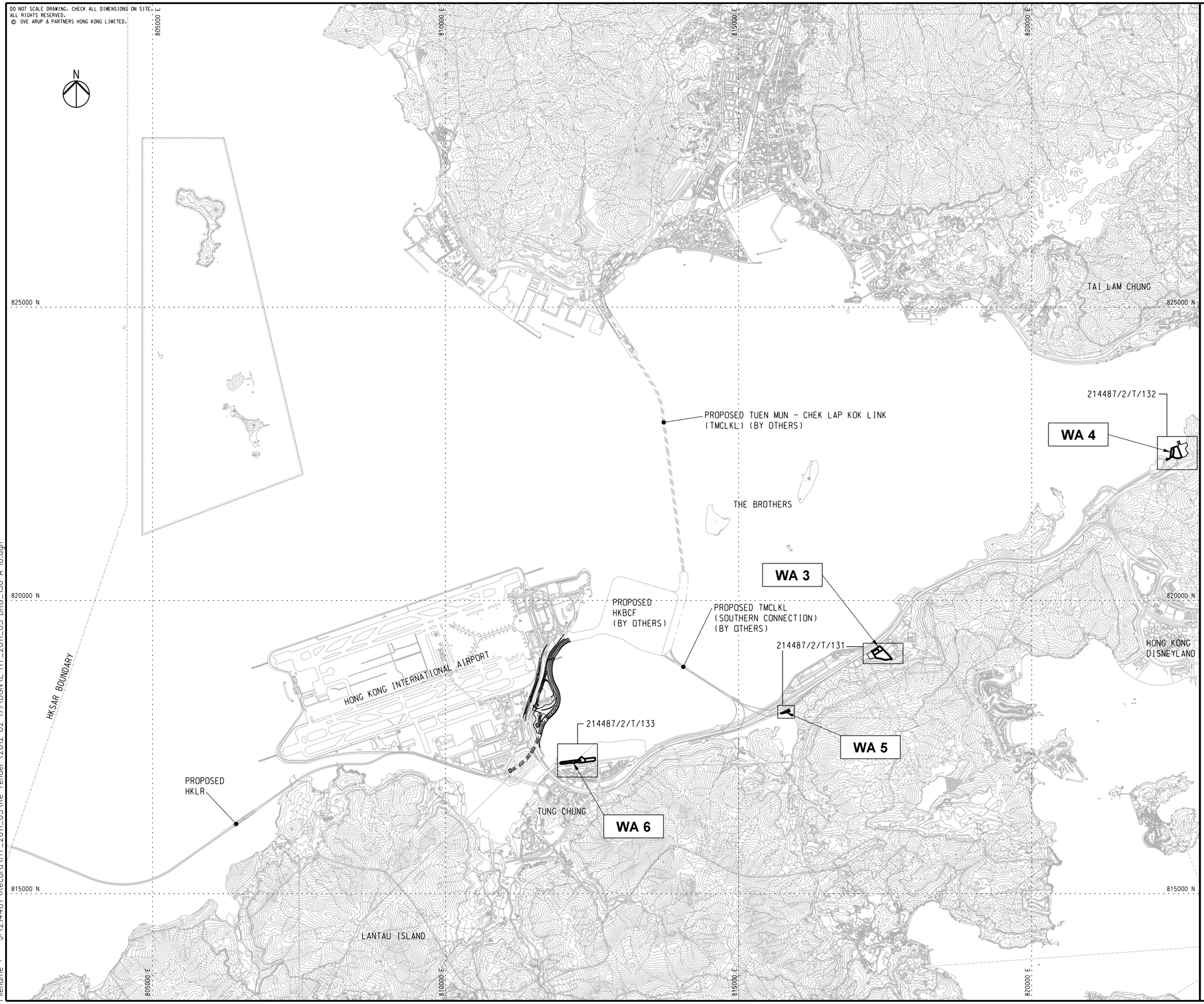

NOTES

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

Rev	Description	By	Date
A	TENDER ISSUE	IL	02/12

Consultant

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

Contract No. and Title:

Contract No. HY/2011/03

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

Drawing title

WORKS AREAS KEY PLAN

Drawing no.		Rev.
214487/2/T/130		A
Drawn: RY	Date: 02/12	Checked: IL	Approved: SK
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N

WORKS AREA
WA5

NORTH LANTAU HIGHWAY

CHEUNG TUNG ROAD

北大嶼山公路

HWM

Rocky Area

岩地

Pipeline

Fence

Platform

碼頭
Pier

煤氣調壓及檢管站

Pak Mong

白芒

大蠔灣
TAI HO WAN

臺地

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N

WORKS AREA
WA3

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N

WORKS AREA
WA4

倒扣灣
TO KAU WAN

船廠碼頭
SHIPYARD PIER

五鼓嶺
NG KWU LENG

新舖咀
SAN PO TSUI

青洲灣
TSING CHAU WAN

大青洲
TAI TSING CHAU

青嶼幹線
機場快綫
AIRPORT EXPRESS

TUNG CHUNG LINE

青洲仔
TSING CHAU TSAI

NORTH LANTAU HIGHWAY

長索咀
Cheung Sok Tsui

長索
CHEUNG SOK

下角咀
Ha Kok Tsui

鹿頸灣
LUK KENG BAY

鹿頸
LUK KENG

碼頭
PIER

欣澳
SUNNY BAY

貨運線

欣澳道

北大嶼山公路

SUNNY BAY ROAD

大陰頂
TAI YAM TENG
186

花瓶頂
FA PING TENG
273

昂船洲
NGONG SHUEN AU

陰仔灣
YAM TSAI WAN

欣澳灣
YAN O WAN

陰仔
YAM TSAI

欣澳篤
YAN O TUK

灣篤
WAN TUK

望東坑
MONG TUNG HANG

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

欣澳道

迪欣湖活動中心
INSPIRATION LAKE RECREATION CENTRE

DISNEYLAND RESORT

東涌路

竹篙灣發電廠
PENNY'S BAY POWER STATION

救生艇
Life Boat

大山
TAI SHAN

竹篙灣
PENNY'S BAY

四白坳
SZE PAK AU

扒頭鼓
PA TAU K

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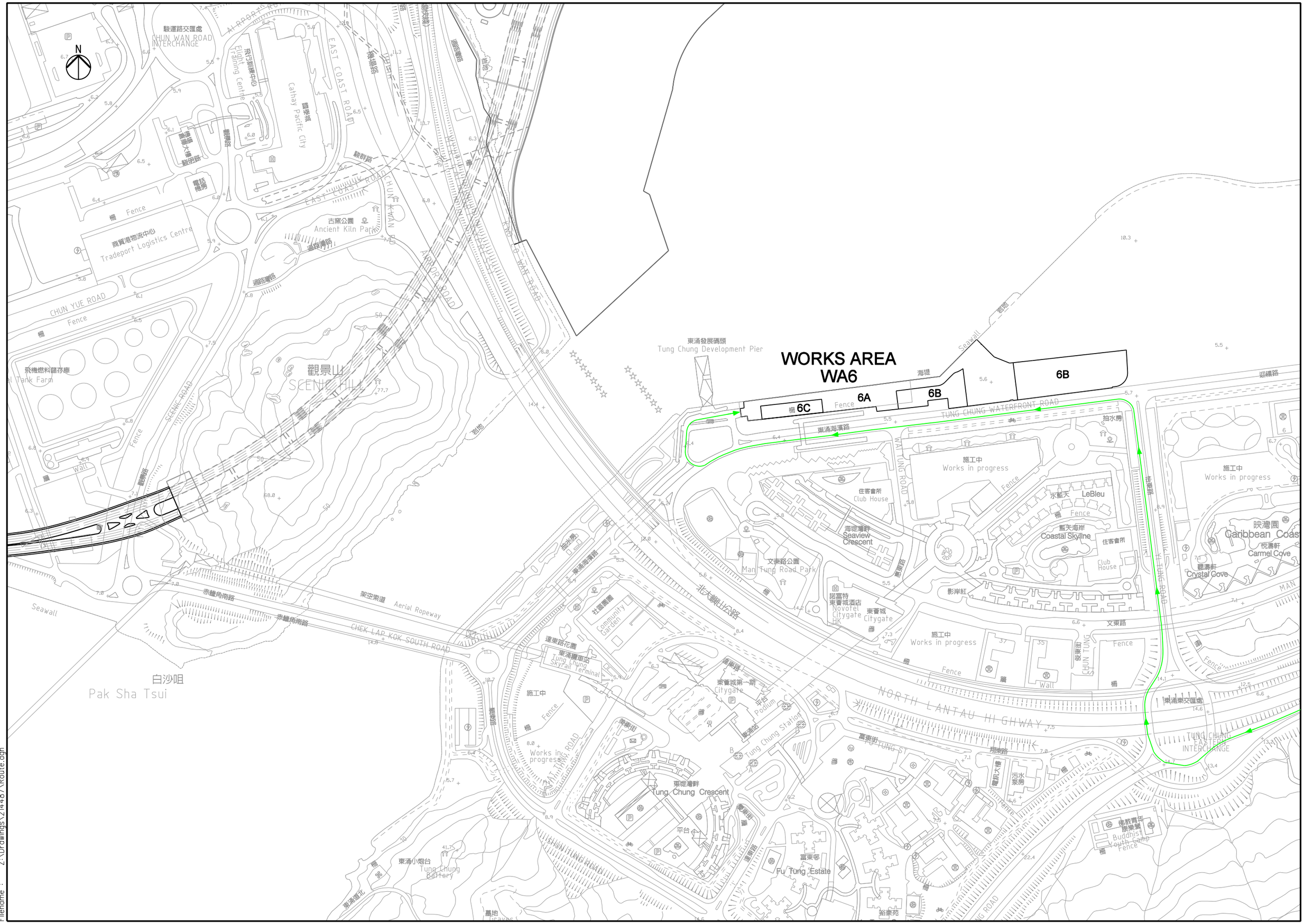
Filename : Z:\Drawings\214487\Route.dgn



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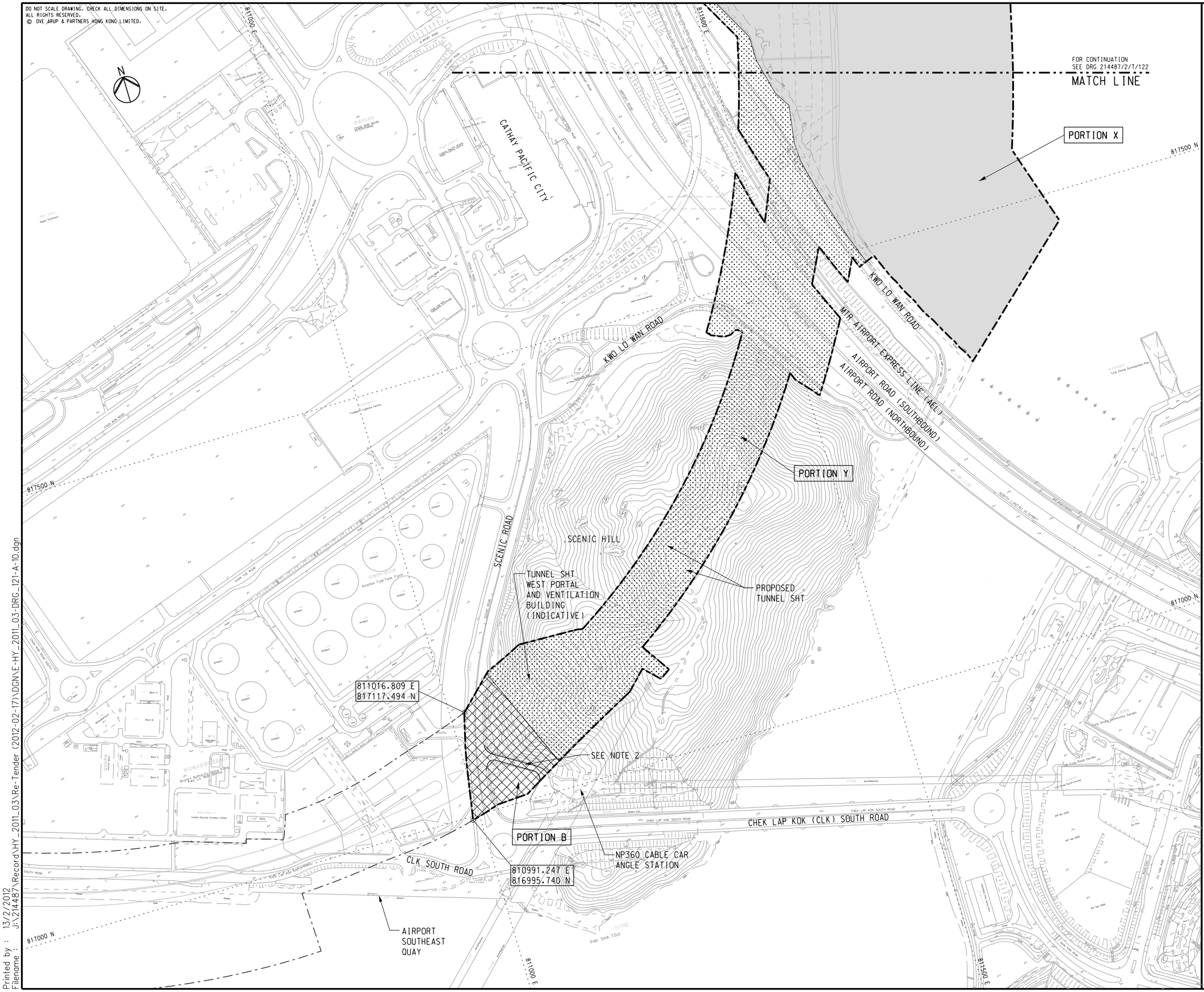

NOTES

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

LEGEND

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

Rev	Description	By	Date
A	TENDER ISSUE	IL	02/12

Consultant

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

Contract No. and Title:

Contract No. HY/2011/03

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

Drawing title

PORTION OF SITE
(SHEET 1 OF 3)

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NOTES

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

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Consultant

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Hong Kong-Zhuhai-Macao Bridge
Hong Kong Link Road -
Section Between Scenic Hill and
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Drawing title

PORTION OF SITE
(SHEET 2 OF 3)

Drawing no.			Rev.
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Drawn	Date	Checked	Approved
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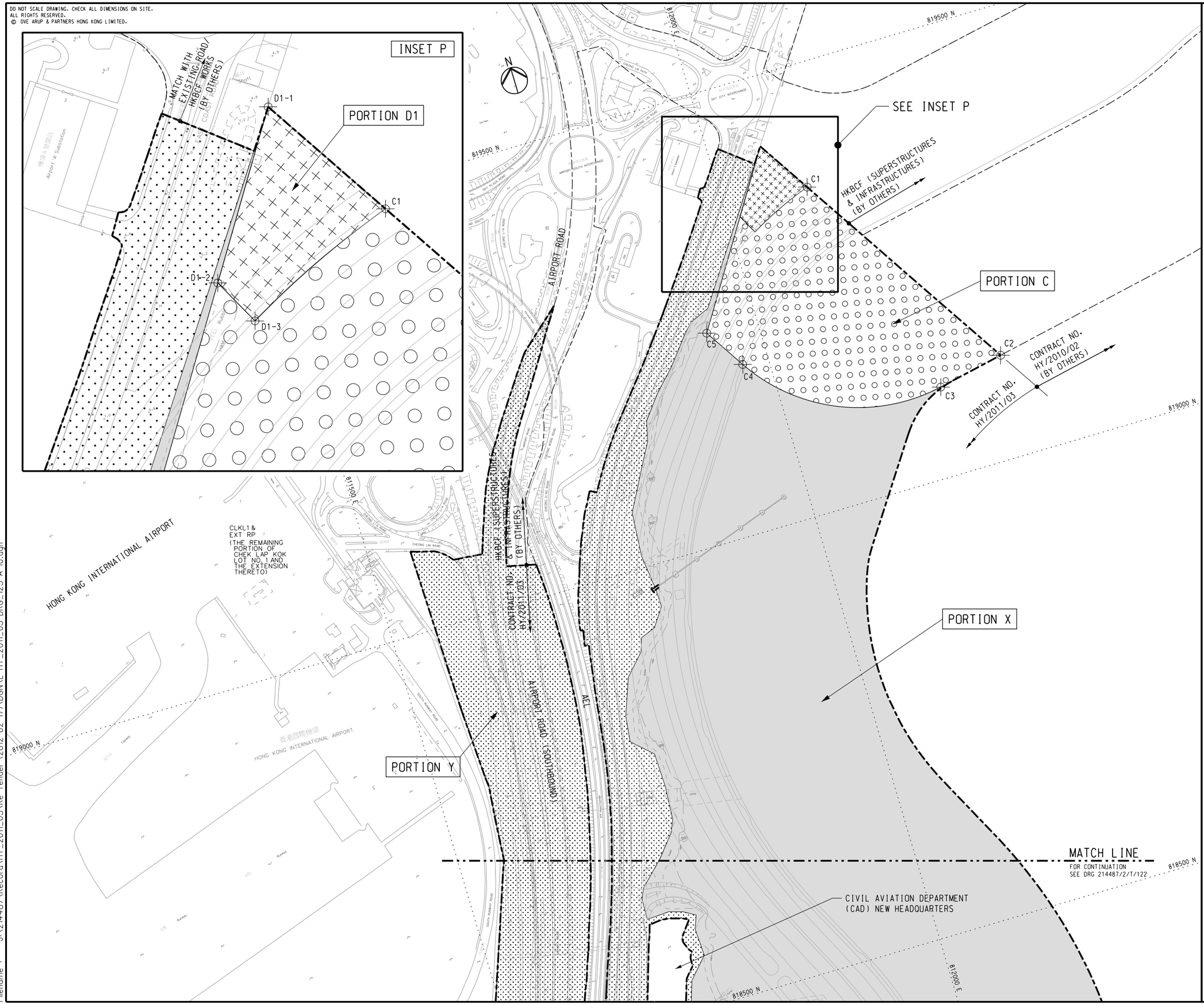

NOTES

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

SETTING OUT CO-ORDINATES OF SITE PORTION C

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

SETTING OUT CO-ORDINATES OF SITE PORTION D1

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

Rev	Description	By	Date
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Contract No. and Title:

Contract No. HY/2011/03

Hong Kong-Zhuhai-Macao Bridge
Hong Kong Link Road -
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Drawing title

PORTION OF SITE
(SHEET 3 OF 3)

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